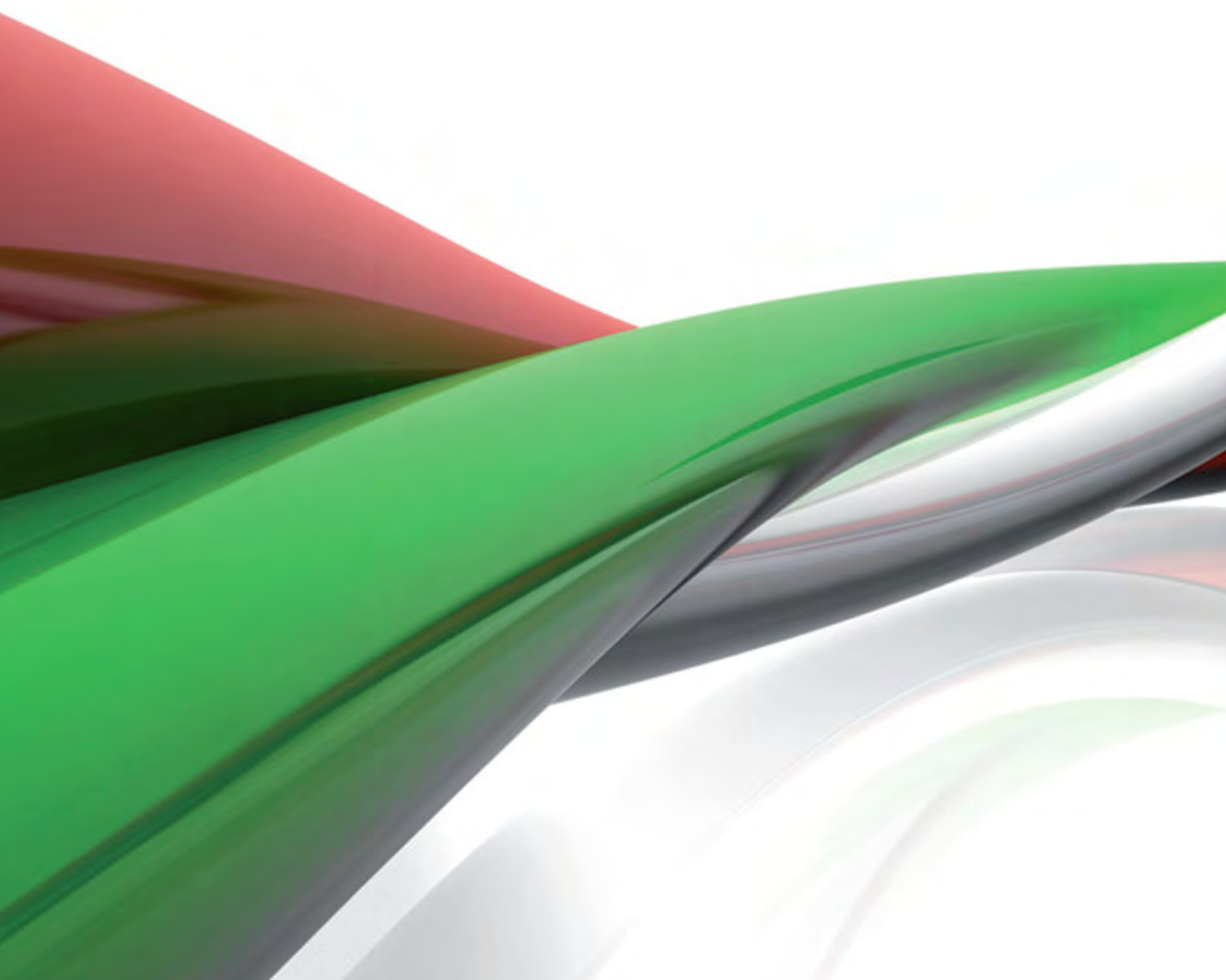


Vandurit®





SHARP METAL

www.vandurit.it



FRESATURA / MILLING

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TRONCATURA / PARTING

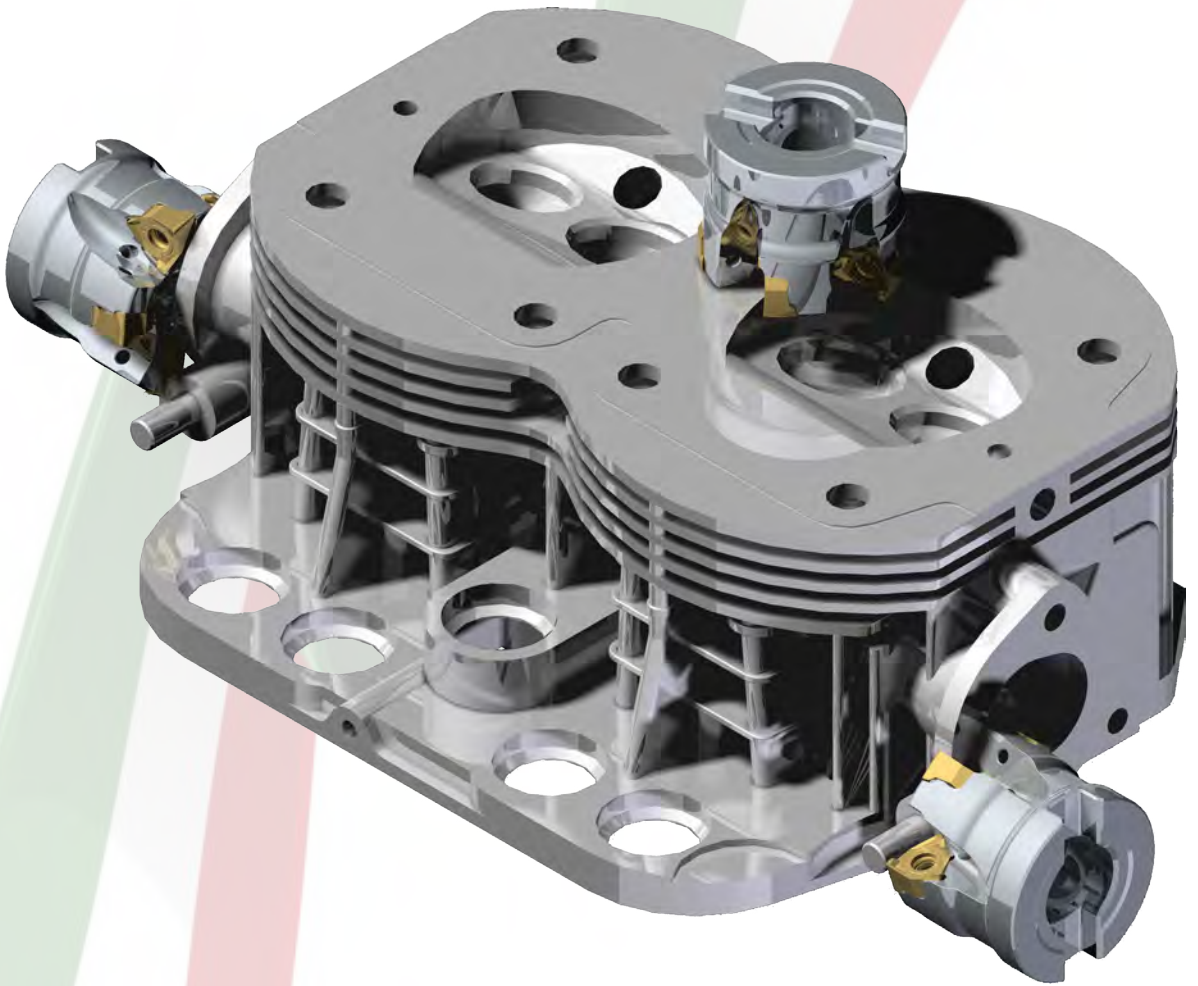
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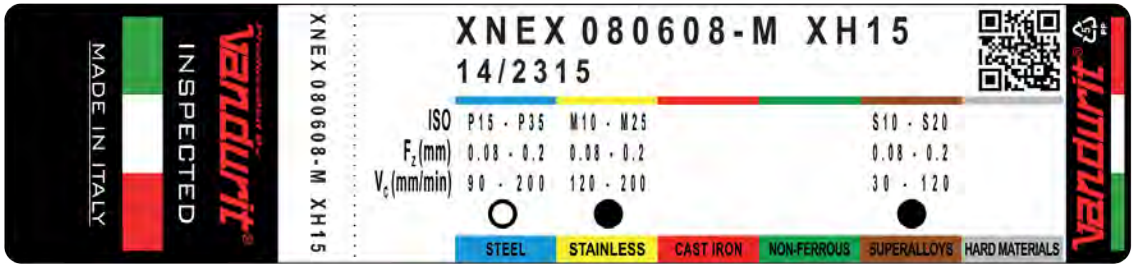
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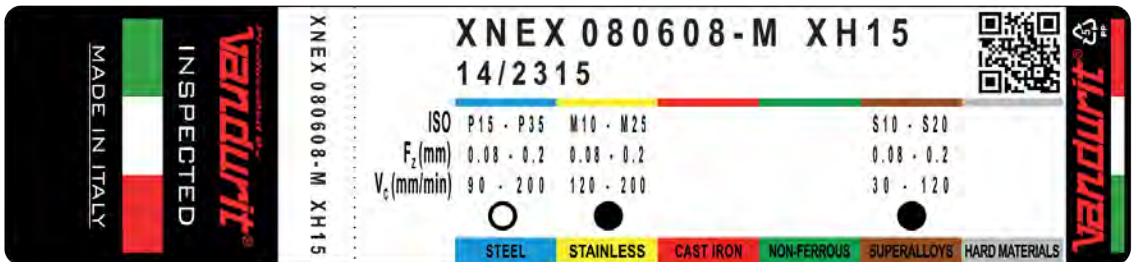
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|-----------------------|-----|
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|-----------------------|-----|





XNEX 080608-M
XH15
14/2315
ISO
F_z (mm)
V_c (m/min)
●
○

DESCRIZIONE PRODOTTO
GRADO M.D.
N° DI LOTTO
CLASSE ISO
AVANZAMENTO
VELOCITA' DI TAGLIO
ECCELENTE
ADATTO

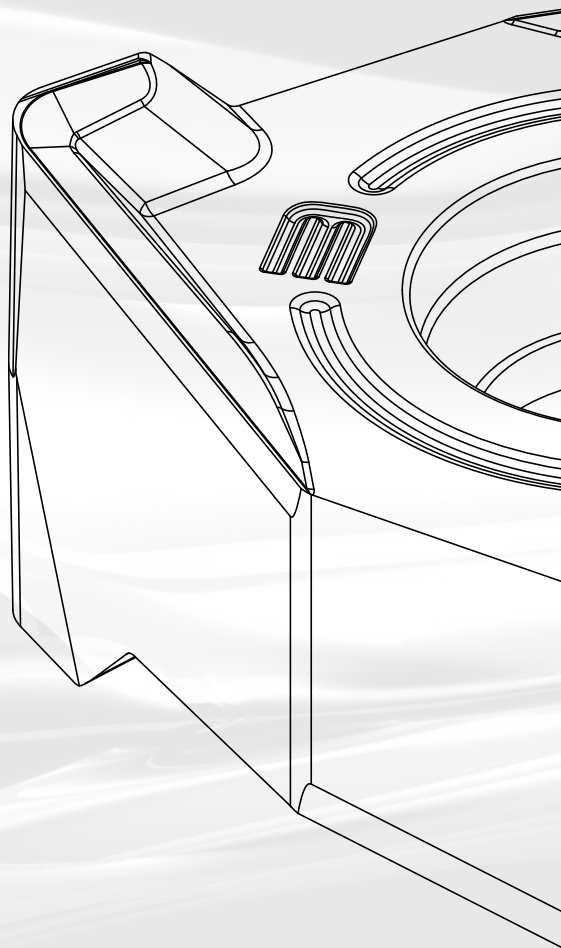


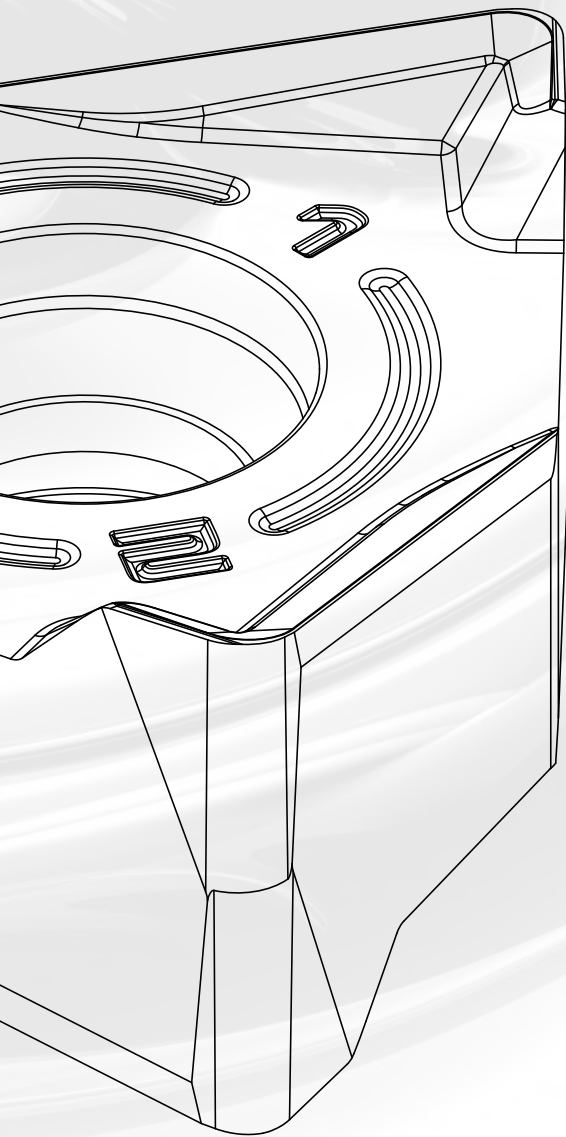
XNEX 080608-M
XH15
14/2315
ISO
F_z (mm)
V_c (m/min)
●
○

PRODUCT DESCRIPTION
M.D. GRADE
SERIAL NUMER
ISO CLASS
FEED
CUTTING SPEED
EXCELLENT
SUITABLE

17

FRESATURA

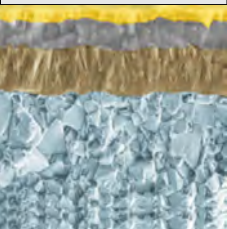

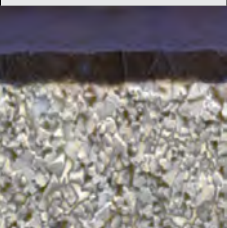


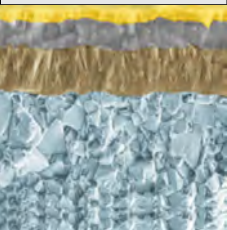



MILLING

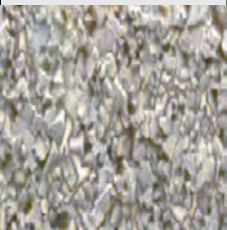
| Classe | Materiale | ISO | Basso | ← | Sviluppo di calore | → | Alto | ISO | Proprietà | |
|----------|---|-----|-------|---|--------------------|---|------|-----|--|----|
| Class | Material | ISO | Low | ← | Heat development | → | High | ISO | Property | |
| P | Acciaio Steel | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | XH15 | | | | | 30 |
| | | 40 | | | | | | | | 40 |
| | | 50 | | | | | | | | 50 |
| M | Acciaio Inox Stainless Steel | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | XH15 | | | | | 30 |
| | | 40 | | | | | | | | 40 |
| | | 50 | | | | | | | | 50 |
| K | Ghisa Cast Iron | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | | | | | | 30 |
| | | 40 | | | | | | | | 40 |
| | | 50 | | | | | | | | 50 |
| N | Materiali non ferrosi Non ferrous materials | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | | | | | | 30 |
| | | 40 | | | | | | | | 40 |
| | | 50 | | | | | | | | 50 |
| S | Materiali resistenti al calore Superleghe Heat resistant materials Superalloys | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | XH15 | | | | | 30 |
| | | 40 | | | | | | | | 40 |
| | | 50 | | | | | | | | 50 |
| H | Materiali temprati Hardened Materials | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | | | | | | 30 |
| | | 40 | | | | | | | | 40 |
| | | 50 | | | | | | | | 50 |

17

| | |
|--------------|--|
| VP300 |  <p>Grado versatile ricoperto MT-CVD che abbina una buona capacità produttiva e tenacità. Qualità adatta ad ogni tipo di lavorazione (sia a secco che con lubrificazione) ottima resistenza a velocità medio - alte anche in condizioni instabili</p> <p>Versatile MT-CVD coated grade which combines good production capacity and toughness. Quality suitable for any processing (both dry and wet) with an excellent resistance in medium to high cutting speed, even in unstable conditions.</p> |
| XH15 |  <p>Grado ricoperto con tecnologia PVD per lavorazioni in condizioni stabili a secco con velocità di taglio medio - alte. La ricopertura PVD lo rende scelta ottimale in caso di intasamento del truciolo. Scelta ottimale per le lavorazioni di acciai inossidabili.</p> <p>PVD coated grade suitable for stable and dry operations in medium to high cutting speed. The PVD coating is optimal in case of chip blockage. Ideal for stainless steel processing.</p> |
| XM20 |  <p>Grado ricoperto con tecnologia PVD adatto a lavorazioni di acciaio inossidabile di tipo austenitico. Il particolare abbinamento di un substrato omogeneo e ricopertura al silicio rende questa qualità ideale per velocità di taglio medio-alte. Grado indicato per la sgrossatura stampi</p> <p>PVD coated grade suitable for stainless austenitic steel processing. The unique combination of the uniform substrate and the silicon coating makes this quality ideal in medium to high cutting speed operations. Grade recommended for mold roughing.</p> |

| | |
|--|---|
| VK300 | |
|  | <p>Grado ricoperto MT-CVD adatto a lavorazioni di ghisa quando è necessaria grande tenacità e alta resistenza. Usato con refrigerante e con velocità di taglio media questa qualità garantisce una notevole durata dell'inserto.</p> <p>MT-CVD coated grade, suitable for cast iron processing whenever it is required high toughness and excellent resistance. Used with coolant in medium cutting speed, this quality ensures a remarkable insert life.</p> |

| | |
|--|--|
| XT15 | |
|  | <p>Grado ricoperto con tecnologia PVD adatto per fresatura di ghisa. Qualità che usata con refrigerante e a velocità di taglio medio alte, garantisce ottima tenuta del tagliente a spigolo vivo.</p> <p>PVD coated grade suitable for cast iron milling processing. Quality which ensures a good resistance of the sharp cutting edge if used with coolant in medium to high cutting speed.</p> |

| | |
|---|---|
| V10F | |
|  | <p>Grado in metallo duro ultra fine non ricoperto, adatto alla fresatura di alluminio quando è richiesto un profilo tagliente a spigolo vivo.</p> <p>Uncoated ultra-fine carbide grade, suitable for aluminium milling whenever a sharp cutting edge profile is required.</p> |

| | |
|--|---|
| XM3000 | |
|  | <p>Grado ad alte prestazioni progettato specificamente per il settore stampi . Adatto sia per semi -finitura che per finitura di acciai temprati e ghisa . In combinazione con un rivestimento a base AlTiN - altamente resistente al calore , il suo substrato ad alta tecnologia è in grado di effettuare anche le lavorazioni di materiali compositi per i quali essa integra gradi PCD.</p> <p>Grade VP2003 is a high performance grade specifically designed for the mould industry. It covers both semi-finishing and finishing applications for hardened steels and cast iron. Combined with a highly heat-resistant AlTiN-based coating, its high-tech substrate can also cover the machining of composite materials for which it complements PCD grades.</p> |

1. Forma

2. Spoglia laterale

0 = Speciale

3. Tolleranze

| Classe di toll. | Tolleranza +/- mm | | | Per dimensione d, mm | | | | | | | | | |
|-----------------|-------------------|-------|-------|----------------------|------|------|-------|------|--------|-------|------|-------|-------|
| | m | s | d | 3,175* | 4,76 | 6,35 | 9,525 | 12,7 | 15,875 | 19,05 | 25,4 | 31,75 | 38,1* |
| A | 0,005 | 0,025 | 0,025 | • | • | • | • | • | • | • | • | • | • |
| E | 0,025 | 0,025 | 0,025 | • | • | • | • | • | • | • | • | • | • |
| F | 0,005 | 0,025 | 0,013 | • | • | • | • | • | • | • | • | • | • |
| G | 0,025 | 0,13 | 0,025 | • | • | • | • | • | • | • | • | • | • |
| H | 0,013 | 0,025 | 0,013 | • | • | • | • | • | • | • | • | • | • |
| J | 0,005 | 0,025 | 0,05 | • | • | • | • | | | | | | |
| | 0,005 | 0,025 | 0,08 | | | | | • | | | | | |
| | 0,005 | 0,025 | 0,10 | | | | | | • | • | | | |
| | 0,005 | 0,025 | 0,13 | | | | | | | | • | | |
| K | 0,005 | 0,025 | 0,15 | | | | | | | | | • | • |
| | 0,013 | 0,025 | 0,05 | • | • | • | • | | | | | | |
| | 0,013 | 0,025 | 0,08 | | | | | • | | | | | |
| | 0,013 | 0,025 | 0,10 | | | | | | • | • | | | |
| | 0,013 | 0,025 | 0,13 | | | | | | | | • | | |
| M | 0,013 | 0,025 | 0,15 | | | | | | | | | • | • |
| | 0,08 | 0,13 | 0,05 | • | • | • | • | | | | | | |
| | 0,13 | 0,13 | 0,08 | | | | | • | | | | | |
| | 0,15 | 0,13 | 0,10 | | | | | | • | • | | | |
| | 0,18 | 0,13 | 0,13 | | | | | | | | • | | |
| U | 0,20 | 0,13 | 0,15 | | | | | | | | | • | • |
| | 0,13 | 0,13 | 0,08 | • | • | • | • | | | | | | |
| | 0,20 | 0,13 | 0,13 | | | | | • | | | | | |
| | 0,27 | 0,13 | 0,18 | | | | | | • | • | | | |
| | 0,38 | 0,13 | 0,25 | | | | | | | | • | • | • |

4. Tipo

A F
G M
N Q
R T
U W

X = Speciale

6. Spessore

| | |
|--------------|--------------|
| 01 = 1,59 mm | 04 = 4,76 mm |
| T1 = 1,98 mm | 05 = 5,56 mm |
| 02 = 2,38 mm | 06 = 6,35 mm |
| 03 = 3,18 mm | 07 = 7,94 mm |
| T3 = 3,97 mm | 08 = 8,00 mm |
| | 09 = 9,52 mm |

8. Forma del tagliente

F E
T S

Informazione non obbligatoria

5. Lunghezza del tagliente

A, B, K C, D, E, M, V H, O, P
L R S
T W

7. Inserti con smusso/raggio di punta

1a lettera

| |
|--------------|
| A = 45° |
| D = 60° |
| E = 75° |
| F = 85° |
| P = 90° |
| Z = Speciale |

2a lettera

| | |
|--------------|---------|
| A = 3° | F = 25° |
| B = 5° | G = 30° |
| C = 7° | N = 0° |
| D = 15° | P = 11° |
| E = 20° | |
| Z = Speciale | |

Raggio di punta

| |
|---------------------|
| M0* = inserto tondo |
| 00 = spigolo vivo |
| 01 = 0,1 mm |
| 02 = 0,2 mm |
| 04 = 0,4 mm |
| 08 = 0,8 mm |
| 12 = 1,2 mm |
| ecc. |

*Misure in mm

9. Direzione di taglio

R
L
N

Rotazione destra
Rotazione sinistra
Neutro (Rotazione destra e sinistra)

| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | | |
|----------------|--------------|----------------------------------|----------------------------------|---|---|----------------------------------|-----------------------|------------------------------|---|----------------------------------|----------------------------------|----------------------------------|------|----|----|----------------------------------|-------------------------|
| XH15 | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | <input checked="" type="radio"/> | ECCELLENTE Excellent |
| | | <input checked="" type="radio"/> | <input checked="" type="radio"/> | | | <input checked="" type="radio"/> | <input type="radio"/> | | | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | | | | | <input type="radio"/> |

| | |
|----------------|---|
| GRADO Grade | GRADO DI RICOPERTURA DELL'INSERTO Insert grade |
|----------------|---|

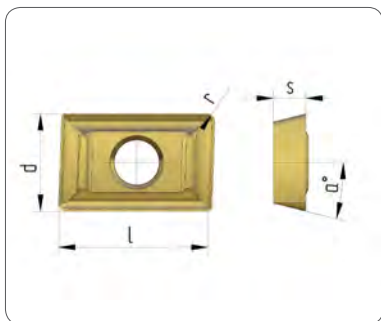
| | | |
|-----------------------|--|--|
| CATEGORIA Category | | PRODOTTO SEMPRE DISPONIBILE Product always available |
| | | PRODOTTO DISPONIBILE / 4 SETTIMANE DI CONSEGNA Product available / 4 week to delivery |
| | | PRODOTTO SU ORDINAZIONE / 8 SETTIMANE DI CONSEGNA Product available on order / 8 week to delivery |
| | | LOTTO MINIMO RICHIESTO Product minimum required |

| | | |
|-------------------------|---|---------------------------------|
| CLASSE ISO Iso Class | P | ACCIAIO Steel |
| | M | ACCIAIO INOX Stainless steel |
| | K | GHISA Cast iron |
| | N | NON FERROSI Non ferrous |
| | S | SUPERLEGHE Superalloys |
| | H | TEMPRATI Hard metal |

| | | |
|------------------------------|------|----------------------------------|
| APPLICAZIONE Applications | F | FINITURA Finishing |
| | M | MEDIA Medium |
| | S | SGROSSATURA Roughing |
| | 90° | FRESATURA 90° Milling 90° |
| | 45° | FRESATURA 45° Milling 45° |
| | H.F. | ALTO AVANZAMENTO High feed |
| | R. | FRESATURA TONDO Milling round |
| | T. | TANGENZIALE Tangential |



ADLT 1503ZZ R-C



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 9,52 | 14,50 | 3,18 | 0,80 | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3748 | 0,5708 | 0,1252 | 0,0314 | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| VP300 | ▶ | ● | | | | | | | ● | ● | ● | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | ● | | | | | |

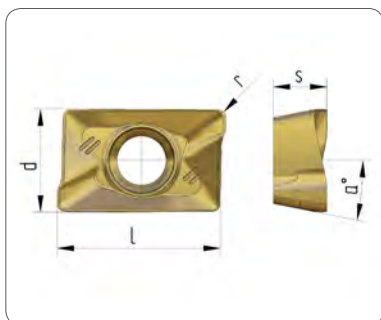
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04024 | ADLT 1503ZZ R-C | VP300 |
| PF03395 | ADLT 1503ZZ R-C | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

APKT 1003PD R-M

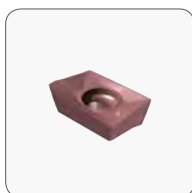


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 10 | 6,70 | 10,00 | 3,49 | 0,50 | 11 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d | l | s | r | a |
| - | 0,2637 | 0,3937 | 0,1374 | 0,0196 | 11 |



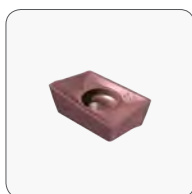
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XT15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | ● | ● | ● | | | | |

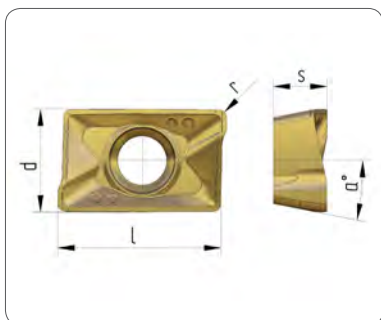
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03248 | APKT 1003PD R-M | VP300 |
| PF03249 | APKT 1003PD R-M | XH15 |
| PF03250 | APKT 1003PD R-M | XM20 |
| PF04025 | APKT 1003PD R-M | XT15 |

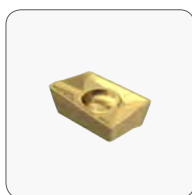
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

APKT 1003PD R-S

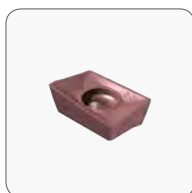


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 10 | 6,70 | 10,00 | 3,49 | 0,50 | 11 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,2637 | 0,3937 | 0,1374 | 0,0196 | 11 |



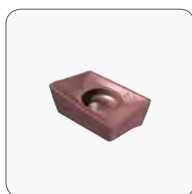
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XT15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | ● | ● | ● | | | | |

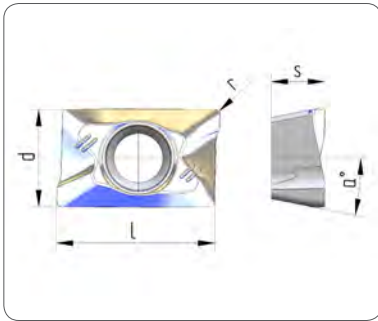
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03859 | APKT 1003PD R-S | VP300 |
| PF03861 | APKT 1003PD R-S | XH15 |
| PF03860 | APKT 1003PD R-S | XM20 |
| PF03863 | APKT 1003PD R-S | XT15 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

APHT 1003-ALU



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 10 | 6,70 | 10,00 | 3,49 | 0,50 | 11 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,2637 | 0,3937 | 0,1374 | 0,0196 | 11 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| V10F | ▶ | | | | ● | | | | ● | ● | ● | | | | | |

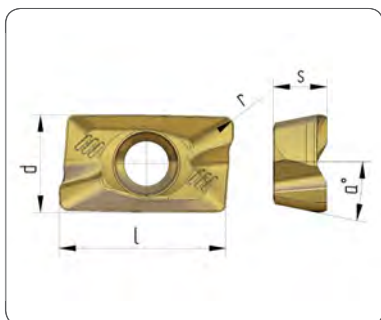
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04015 | APHT 1003-ALU | V10F |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

APKT 1604PD R-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,50 | 16,30 | 5,26 | 0,90 | 11 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3740 | 0,6417 | 0,2070 | 0,0354 | 11 |



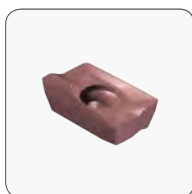
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XT15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | ● | | ● | | | | |

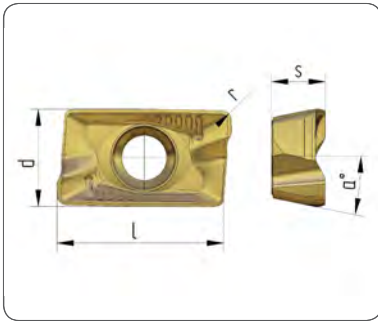
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00251 | APKT 1604PD R-M | VP300 |
| PF00166 | APKT 1604PD R-M | XH15 |
| PF00082 | APKT 1604PD R-M | XM20 |
| PF00088 | APKT 1604PD R-M | XT15 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

APKT 1604PD R-S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,50 | 16,30 | 5,26 | 0,90 | 11 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3740 | 0,6417 | 0,2070 | 0,0354 | 11 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XT15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | ● | ● | ● | | | | |

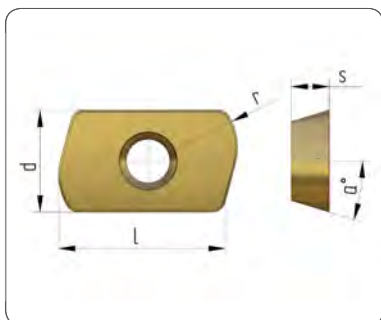
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03785 | APKT 1604PD R-S | VP300 |
| PF03795 | APKT 1604PD R-S | XH15 |
| PF03794 | APKT 1604PD R-S | XM20 |
| PF03800 | APKT 1604PD R-S | XT15 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

ISR 1.5



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 1,5 | 8,00 | 13,00 | 3,00 | 4,00 | 17 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3149 | 0,5118 | 0,1181 | 0,1574 | 17 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | | ● | | | ● | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM3000 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | | | | ● | ● | | | ● | | | ● | | |

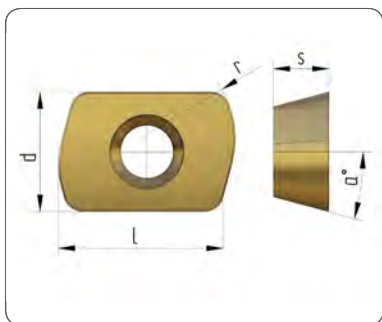
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01779 | ISR 1.5 | VP300 |
| PF00122 | ISR 1.5 | XH15 |
| PF04134 | ISR 1.5 | XM3000 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

ISR 2.1



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 2,1 | 12,50 | 17,00 | 5,80 | 10,00 | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,4921 | 0,6692 | 0,2283 | 0,3937 | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | | ● | | | ● | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | | ● | | | ● | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM3000 | ▶ | ○ | | | | ● | ● | | | ● | | | ● | | |

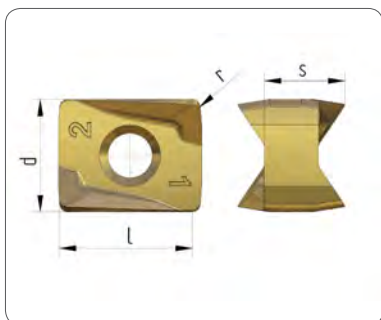
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01780 | ISR 2.1 | VP300 |
| PF00126 | ISR 2.1 | XH15 |
| PF04135 | ISR 2.1 | XM3000 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

LNGX 130708 R-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 13 | 11,00 | 13,00 | 7,79 | 0,80 | 0 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,4330 | 0,5118 | 0,3066 | 0,0314 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | | ● | | | | |

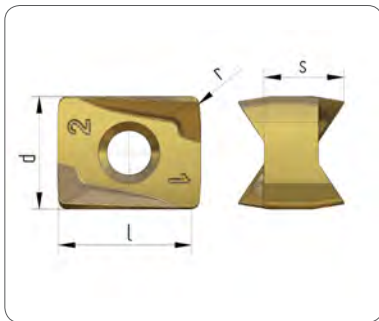
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00022 | LNGX 130708 R-M | VP300 |
| PF01534 | LNGX 130708 R-M | XH15 |
| PF00218 | LNGX 130708 R-M | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

LNGX 130708 R-S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 13 | 11,00 | 13,00 | 7,79 | 0,80 | 0 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,4330 | 0,5118 | 0,3066 | 0,0314 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VK300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | | ● | ● | | | | |

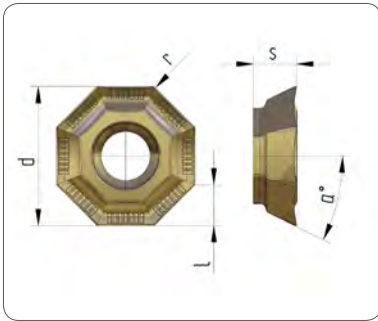
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04028 | LNGX 130708 R-S | VP300 |
| PF03667 | LNGX 130708 R-S | XH15 |
| PF04027 | LNGX 130708 R-S | VK300 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

OFEX 05T305



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 05 | 12,80 | 3,70 | 4,00 | 0,50 | 26 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5039 | 0,1456 | 0,1574 | 0,0196 | 26 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| VP300 | ▶ | ● | | | | | | ● | ● | | | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM20 | ▶ | ○ | ● | | | | ○ | ○ | ● | ● | | | ● | | | |

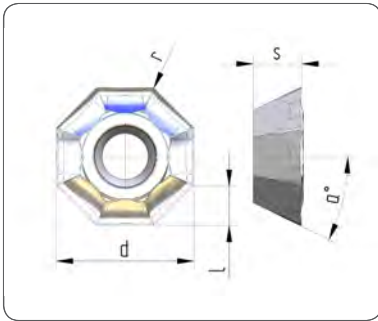
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00023 | OFEX 05T305 | VP300 |
| PF00222 | OFEX 05T305 | XM200 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

OFHT 0504-ALU



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 05 | 13,40 | 3,80 | 4,76 | 0,40 | 26 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,5275 | 0,1496 | 0,1874 | 0,0157 | 26 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| V10F | ▶ | | | | ● | | | | ● | ● | | ● | | | |

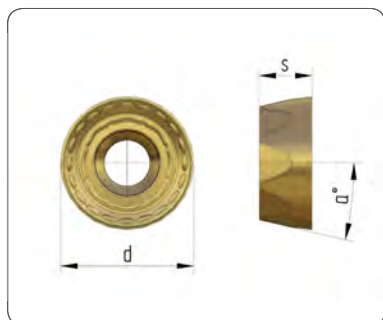
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04014 | OFHT 0504-ALU | V10F |
| | | |
| | | |
| | | |

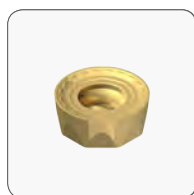
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RCKT 1606MO S-S

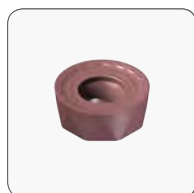


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 16 | 16,00 | - | 6,35 | - | 7 |

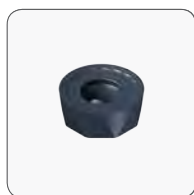
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,6299 | - | 0,2500 | - | 7 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | | ● | | | | | ● |

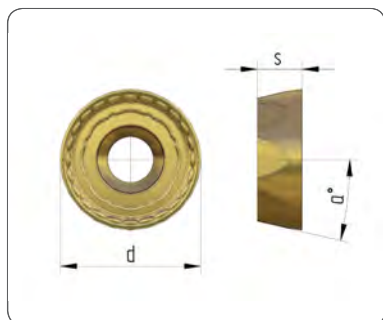
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03243 | RCKT 1606MO S-S | VP300 |
| PF03412 | RCKT 1606MO S-S | XH15 |
| PF03596 | RCKT 1606MO S-S | XM20 |
| | | |

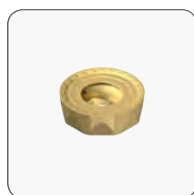
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RCKT 2006MO S-S

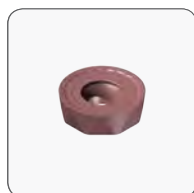


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 20 | 20,00 | - | 6,35 | - | 7 |

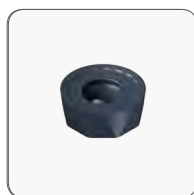
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,7874 | - | 0,2500 | - | 7 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | | ● | | | | | ● |

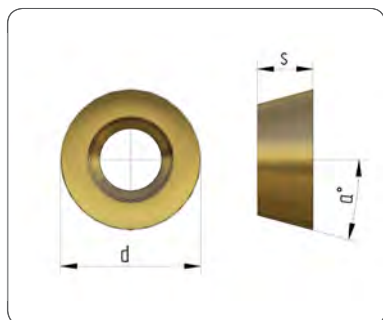
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03245 | RCKT 2006MO S-S | VP300 |
| PF03413 | RCKT 2006MO S-S | XH15 |
| PF.04029 | RCKT 2006MO S-S | XM20 |
| | | |

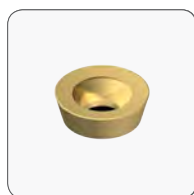
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHT 0501MO T

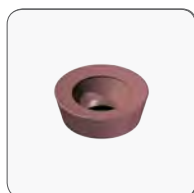


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 05 | 5,00 | - | 1,59 | - | 15 |

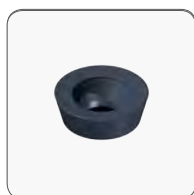
| ANSI | | | | | |
|------|--------|---|--------|---|----|
| / | | | | | |
| Dim. | d | l | s | r | α° |
| - | 0,1968 | - | 0,0625 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

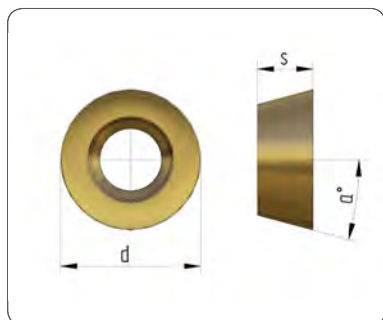
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01805 | RDHT 0501MO T | VP300 |
| PF04030 | RDHT 0501MO T | XH15 |
| PF04031 | RDHT 0501MO T | XM20 |
| | | |

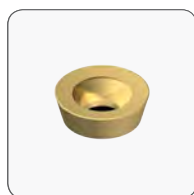
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHT 0702MO T

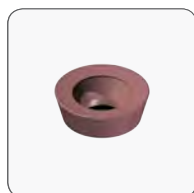


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 07 | 7,00 | - | 2,38 | - | 15 |

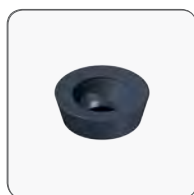
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,2755 | - | 0,0937 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

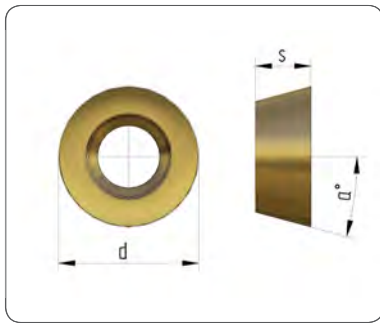
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01806 | RDHT 0702MO T | VP300 |
| PF04032 | RDHT 0702MO T | XH15 |
| PF04033 | RDHT 0702MO T | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHT 1003MO T



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 10 | 10,00 | - | 3,18 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3937 | - | 0,1252 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

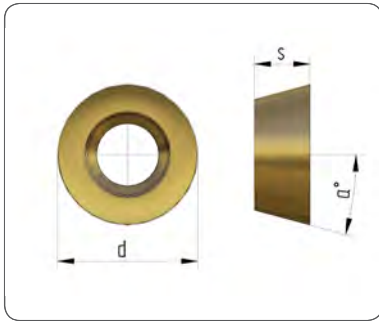
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01807 | RDHT 1003MO T | VP300 |
| PF04034 | RDHT 1003MO T | XH15 |
| PF04035 | RDHT 1003MO T | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHT 12T3MO T



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 12 | 12,00 | - | 3,97 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,4724 | - | 0,1563 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

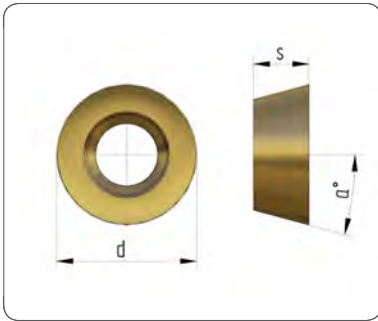
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01808 | RDHT 12T3MO T | VP300 |
| PF04036 | RDHT 12T3MO T | XH15 |
| PF04037 | RDHT 12T3MO T | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHT 1604MO T



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 16,00 | - | 4,76 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,6299 | - | 0,1874 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

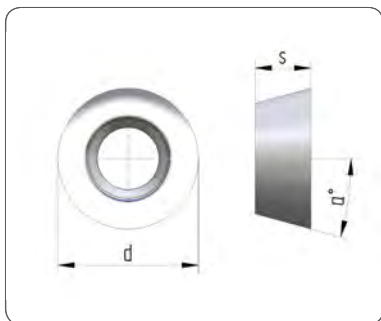
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01809 | RDHT 1604MO T | VP300 |
| PF04038 | RDHT 1604MO T | XH15 |
| PF04039 | RDHT 1604MO T | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHT 0501MO F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 05 | 5,00 | - | 1,59 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,1968 | - | 0,0625 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| V10F | ▶ | | | | ● | | | | ● | ● | | | | | ● | |

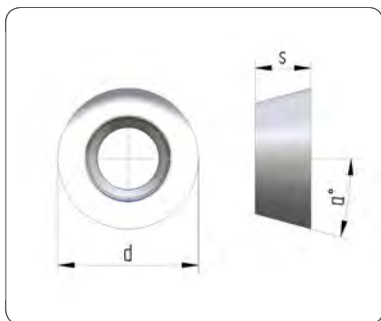
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04009 | RDHT 0501MO F | V10F |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHT 0702MO F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 07 | 7,00 | - | 2,38 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,2755 | - | 0,0937 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| V10F | ▶ | | | | ● | | | | ● | ● | | | | | ● | |

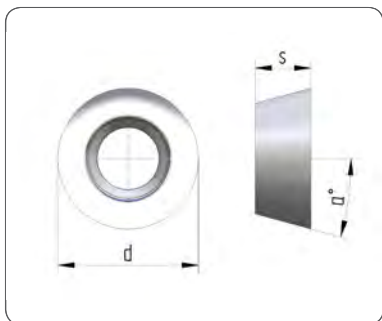
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04010 | RDHT 0702MO F | V10F |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHT 1003MO F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 10 | 10,00 | - | 3,18 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,3997 | - | 0,1252 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| V10F | ▶ | | | | ● | | | | ● | ● | | | | | ● | |

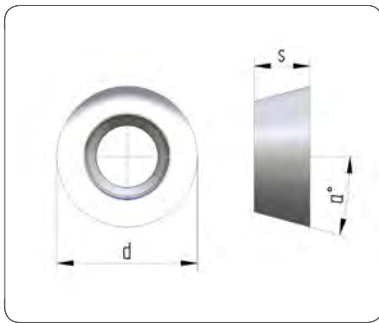
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04011 | RDHT 1003MO F | V10F |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHT 12T3MO F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,00 | - | 3,97 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,4724 | - | 0,1563 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| V10F | ▶ | | | | ● | | | | ● | ● | | | | | ● | |

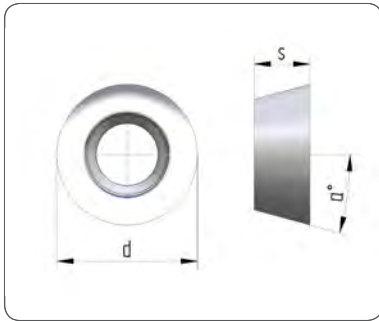
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04012 | RDHT 12T3MO F | V10F |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHT 1604MO F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 16 | 16,00 | - | 4,76 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,6299 | - | 0,1874 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| V10F | ▶ | | | | ● | | | | ● | ● | | | | | ● | |

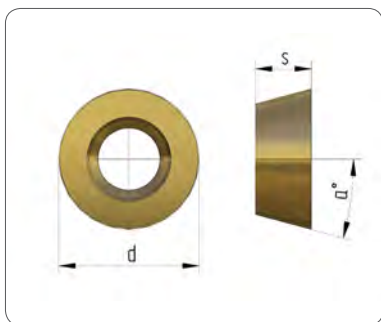
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04013 | RDHT 1604MO F | V10F |
| | | |
| | | |
| | | |

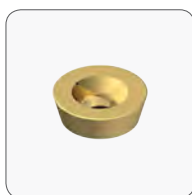
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHW 0501MO T

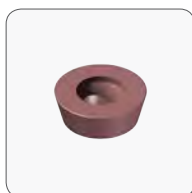


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 05 | 5,00 | - | 1,59 | - | 15 |

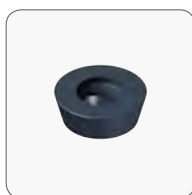
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,1968 | - | 0,0625 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM3000 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | | | | ● | ● | ● | ● | | | | | | ● |

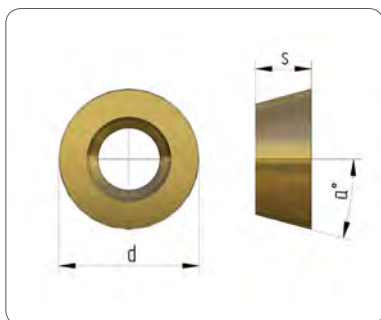
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01811 | RDHW 0501MO T | VP300 |
| PF04092 | RDHW 0501MO T | XH15 |
| PF04093 | RDHW 0501MO T | XM3000 |
| | | |

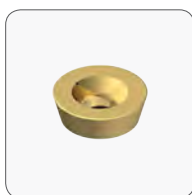
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHW 0702MO T

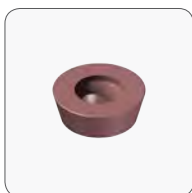


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 07 | 7,00 | - | 2,38 | - | 15 |

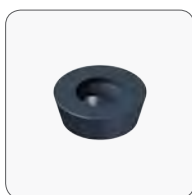
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,2755 | - | 0,0937 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM3000 | ▶ | ○ | | | | ● | ● | ● | ● | | | | | | ● |

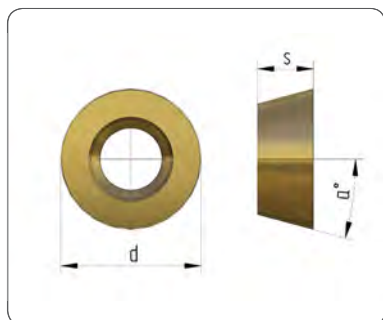
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01813 | RDHW 0702MO T | VP300 |
| PF04094 | RDHW 0702MO T | XH15 |
| PF04095 | RDHW 0702MO T | XM3000 |
| | | |

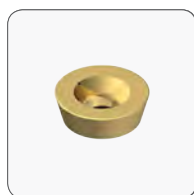
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHW 1003MO T

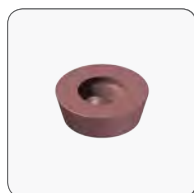


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 10 | 10,00 | - | 3,18 | - | 15 |

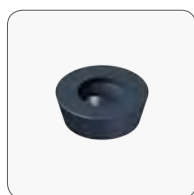
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3937 | - | 0,1252 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM3000 | ▶ | ○ | | | | ● | ● | ● | ● | | | | | | ● |

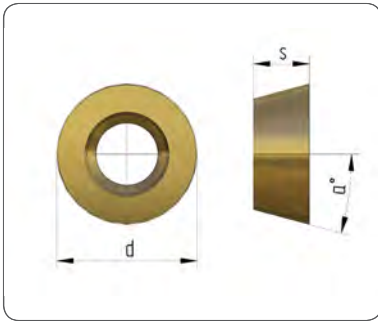
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01815 | RDHW 1003MO T | VP300 |
| PF03957 | RDHW 1003MO T | XH15 |
| PF04040 | RDHW 1003MO T | XM3000 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHW 1204MO T



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 12 | 12,00 | - | 4,76 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,4724 | - | 0,1874 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM3000 | ▶ | ○ | | | | ● | ● | ● | ● | | | | | | ● |

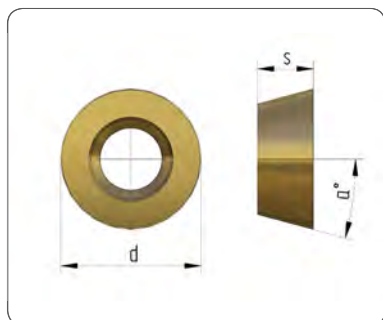
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04041 | RDHW 1204MO T | VP300 |
| PF03834 | RDHW 1204MO T | XH15 |
| PF04042 | RDHW 1204MO T | XM3000 |
| | | |

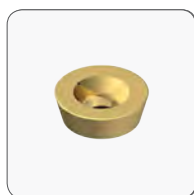
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHW 12T3MO S

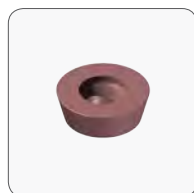


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 12 | 12,00 | - | 3,97 | - | 15 |

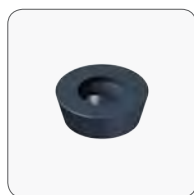
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,4724 | - | 0,1563 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM3000 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | | | | ● | ● | ● | ● | | | | | | ● |

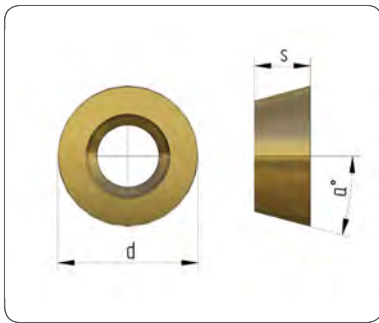
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04043 | RDHW 12T3MO S | VP300 |
| PF03958 | RDHW 12T3MO S | XH15 |
| PF04044 | RDHW 12T3MO S | XM3000 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHW 12T3MO T

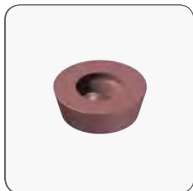


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 12 | 12,00 | - | 3,97 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,4724 | - | 0,1563 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM3000 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | | | | ● | ● | ● | ● | | | | | | ● |

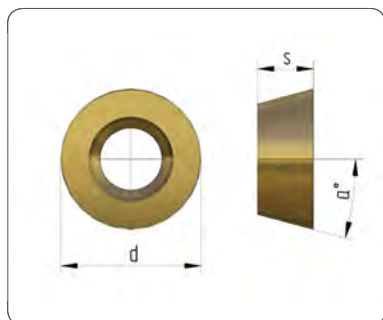
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01817 | RDHW 12T3MO T | VP300 |
| PF03605 | RDHW 12T3MO T | XH15 |
| PF04045 | RDHW 12T3MO T | XM3000 |
| | | |

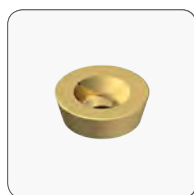
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHW 1604MO S

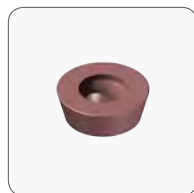


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 16,00 | - | 4,76 | - | 15 |

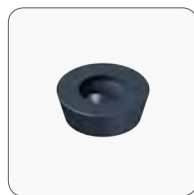
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,6299 | - | 0,1874 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

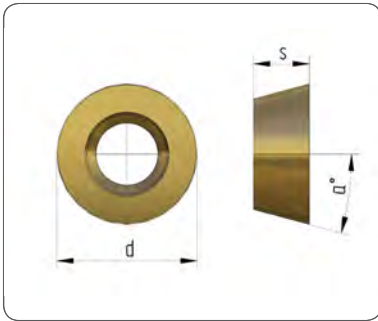
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00024 | RDHW 1604MO S | VP300 |
| PF04046 | RDHW 1604MO S | XH15 |
| PF04047 | RDHW 1604MO S | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDHW 1604MO T



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 16,00 | - | 4,76 | - | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,6299 | - | 0,1874 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

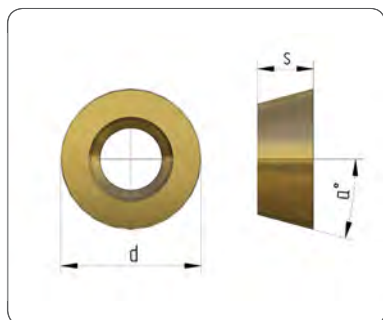
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01819 | RDHW 1604MO T | VP300 |
| PF04048 | RDHW 1604MO T | XH15 |
| PF03268 | RDHW 1604MO T | XM20 |
| | | |

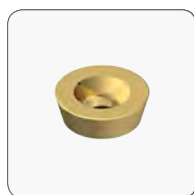
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RDMW 1204MO S

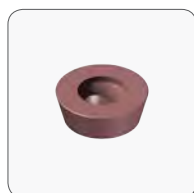


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,00 | - | 4,76 | - | 15 |

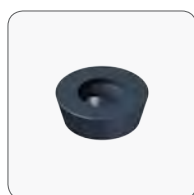
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,4724 | - | 0,1874 | - | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM3000 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | | | | ● | ● | ● | ● | | | | | | ● |

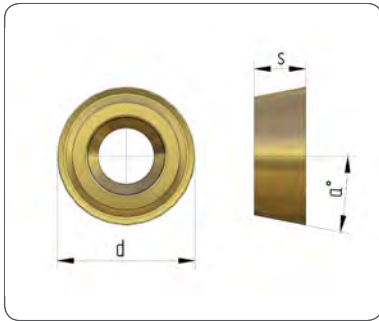
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01820 | RDMW 1204MO S | VP300 |
| PF04049 | RDMW 1204MO S | XH15 |
| PF04050 | RDMW 1204MO S | XM3000 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RPMT 120400



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | - | 4,76 | - | 11 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5000 | - | 0,1874 | - | 11 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

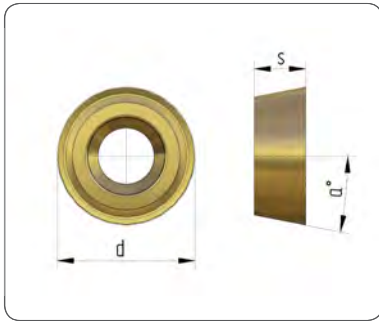
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01853 | RPMT 120400 | VP300 |
| PF04051 | RPMT 120400 | XH15 |
| PF04052 | RPMT 120400 | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RPMT 1204MO S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,00 | - | 4,76 | - | 11 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,4724 | - | 0,1874 | - | 11 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

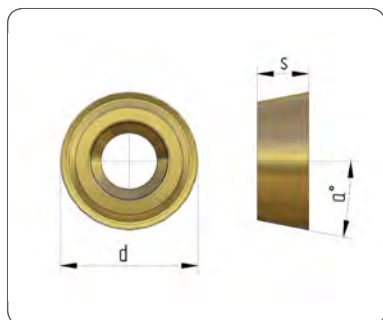
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00441 | RPMT 1204MO S | VP300 |
| PF04053 | RPMT 1204MO S | XH15 |
| PF00081 | RPMT 1204MO S | XM20 |
| | | |
| | | |

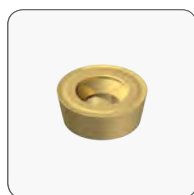
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RPMT 150600

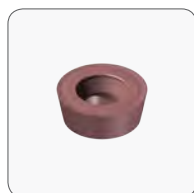


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 15,88 | - | 6,35 | - | 11 |

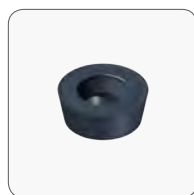
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,6252 | - | 0,2500 | - | 11 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

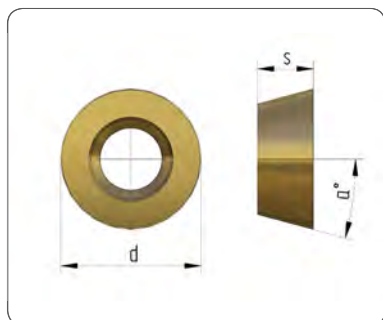
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01855 | RPMT 150600 | VP300 |
| PF04054 | RPMT 150600 | XH15 |
| PF04055 | RPMT 150600 | XM20 |
| | | |

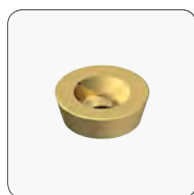
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RPMW 120400

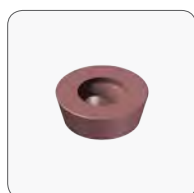


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | - | 4,76 | - | 11 |

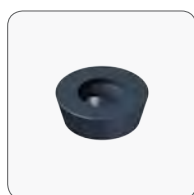
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5000 | - | 0,1874 | - | 11 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM3000 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | | | | ● | ● | ● | ● | | | | | | ● |

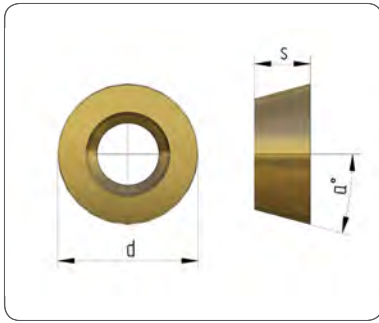
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01856 | RPMW 120400 | VP300 |
| PF04056 | RPMW 120400 | XH15 |
| PF04057 | RPMW 120400 | XM3000 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RPMW 1204MO S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 12 | 12,00 | - | 4,76 | - | 11 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,4724 | - | 0,1874 | - | 11 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | | | ● | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM3000 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | | | | ● | ● | ● | ● | | | | | ● | |

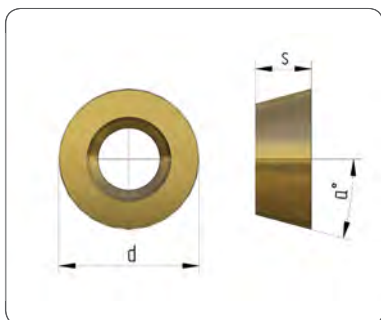
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00584 | RPMW 1204MO S | VP300 |
| PF03212 | RPMW 1204MO S | XH15 |
| PF04136 | RPMW 1204MO S | XM3000 |
| | | |

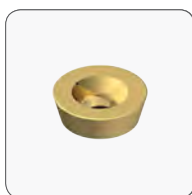
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RPMW 1204MO T

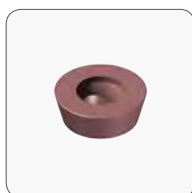


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 12 | 12,00 | - | 4,76 | - | 11 |

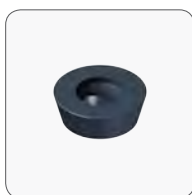
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,4724 | - | 0,1874 | - | 11 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM3000 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | | | | ● | ● | ● | ● | | | | | | ● |

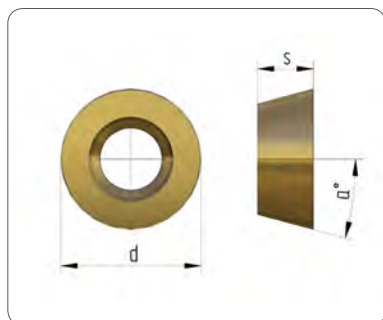
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00025 | RPMW 1204MO T | VP300 |
| PF04058 | RPMW 1204MO T | XH15 |
| PF04059 | RPMW 1204MO T | XM3000 |
| | | |

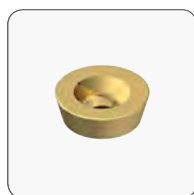
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RPMW 150600

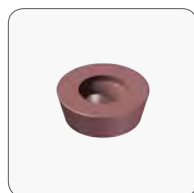


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 15,88 | - | 6,35 | - | 11 |

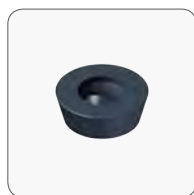
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,6252 | - | 0,2500 | - | 11 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | ● | | | | | ● |

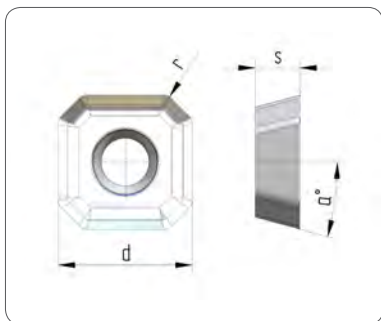
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01857 | RPMW 150600 | VP300 |
| PF04060 | RPMW 150600 | XH15 |
| PF04061 | RPMW 150600 | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SDHT 0903-ALU



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 09 | - | - | - | - | - |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | - | - | - | - | - |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| V10F | ▶ | | | | ● | | | ● | ● | | | | ● | | | |

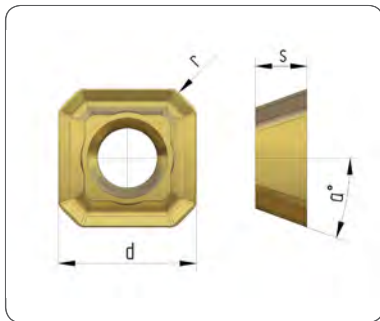
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04016 | SDHT 0903-ALU | V10F |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SEHT 1204AF SN-RC



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 12 | 12,70 | - | 4,76 | 1,00 | 20 |

| ANSI | | | | | |
|-----------------|--------|--------|--------|--------|----|
| SEHT 43AF SN-RC | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| 4 | 0,5000 | - | 0,1874 | 0,0393 | 20 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | ● | ● | | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | ● | ● | | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | ● | ● | | | ● | | | |

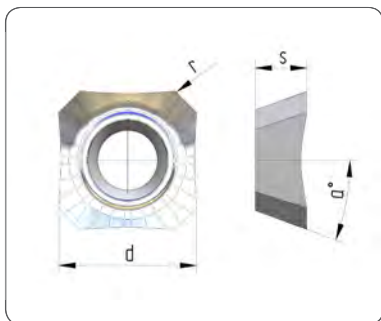
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00026 | SEHT 1204AF SN-RC | VP300 |
| PF00452 | SEHT 1204AF SN-RC | XH15 |
| PF00461 | SEHT 1204AF SN-RC | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SEHT 1204AF-ALU



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | - | 4,76 | 1,00 | 20 |

| ANSI | | | | | |
|---------------|--------|--------|--------|--------|----|
| SEHT 43AF-ALU | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | - | 0,1874 | 0,0393 | 20 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| V10F | ▶ | | | | ● | | | ● | ● | | | ● | | | |

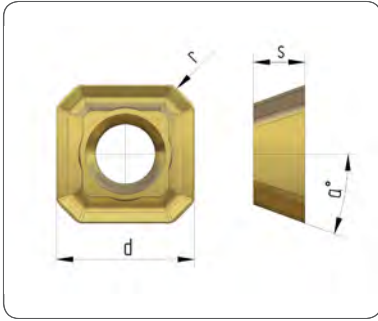
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF02939 | SEHT 1204AF-ALU | V10F |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SEHT 1504AF SN-RC



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 15 | 15,88 | - | 4,76 | 1,50 | 20 |

| ANSI | | | | | |
|-----------------|--------|--------|--------|--------|----|
| SEHT 53AF SN-RC | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| 5 | 0,6252 | - | 0,1874 | 0,0590 | 20 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | ● | | | |

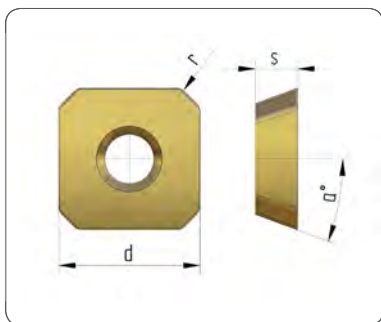
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01885 | SEHT 1504AF SN-RC | VP300 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SEHX 1204AF SN



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 12 | 12,70 | - | 4,76 | 1,00 | 20 |

| ANSI | | | | | |
|-----------------|--------|--------|--------|--------|----|
| SEHX 43AF SN-RC | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| 4 | 0,5000 | - | 0,1874 | 0,0393 | 20 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XT15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | ● | | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VK300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | ● | | | ● | | | |

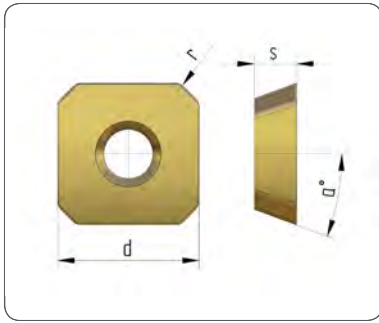
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00027 | SEHX 1204AF SN | VP300 |
| PF03956 | SEHX 1204AF SN | XT15 |
| PF03955 | SEHX 1204AF SN | VK300 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SEHX 1504AF SN



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 15,88 | - | 4,76 | 1,50 | 20 |

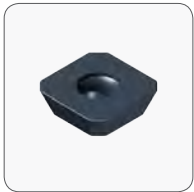
| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| SEHX 53AF SN | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 5 | 0,6252 | - | 0,1874 | 0,0590 | 20 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | | ● | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | | ● | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | | ● | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VK300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | | ● | | ● | | | |

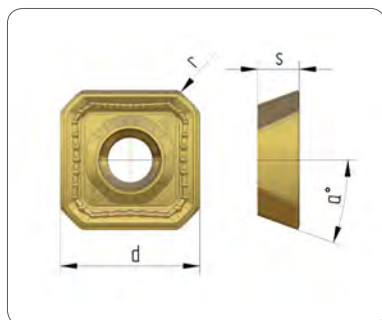
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00619 | SEHX 1504AF SN | VP300 |
| PF03793 | SEHX 1504AF SN | XH15 |
| PF01169 | SEHX 1504AF SN | XM20 |
| PF00489 | SEHX 1504AF SN | VK300 |

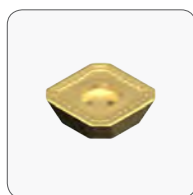
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SELT 13T3AG SN



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 13 | 13,30 | - | 3,98 | 0,70 | 20 |

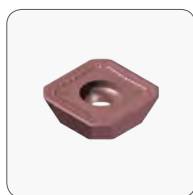
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5236 | - | 0,1566 | 0,0275 | 20 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | ● | ● | | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | ● | ● | | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | ● | ● | | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VK300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | ● | ● | | | ● | | | |

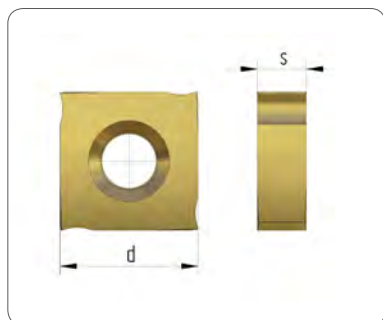
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00031 | SELT 13T3AG SN | VP300 |
| PF00463 | SELT 13T3AG SN | XM20 |
| PF04137 | SELT 13T3AG SN | XH15 |
| PF03953 | SELT 13T3AG SN | VK300 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNHX 12032



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | - | 3,18 | - | 0 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5000 | - | 0,1252 | - | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | | | | | | ● |

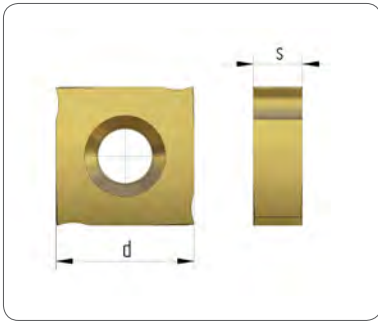
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04062 | SNHX 12032 | VP300 |
| PF04063 | SNHX 12032 | XH15 |
| PF01926 | SNHX 12032 | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNHX 12040

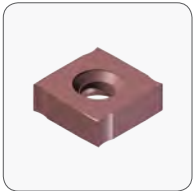


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | - | 4,76 | - | 0 |

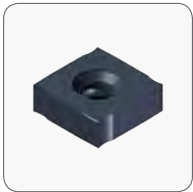
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5000 | - | 0,1874 | - | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | | | | | | ● |

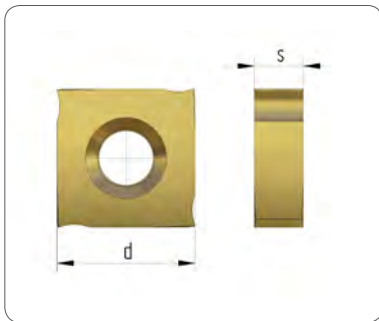
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04138 | SNHX 12040 | VP300 |
| PF04139 | SNHX 12040 | XH15 |
| PF01927 | SNHX 12040 | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNHX 12045

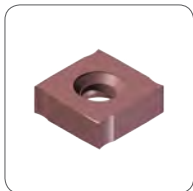


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | - | 4,76 | - | 0 |

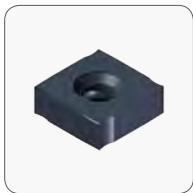
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5000 | - | 0,1874 | - | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | | | | | | ● |

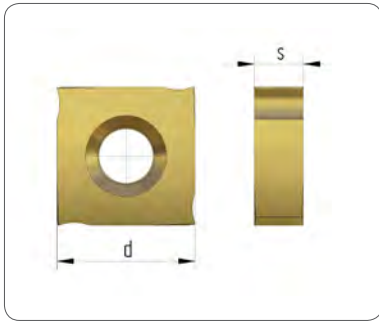
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04064 | SNHX 12045 | VP300 |
| PF04065 | SNHX 12045 | XH15 |
| PF00464 | SNHX 12045 | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNHX 12054

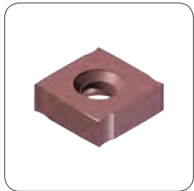


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | - | 5,56 | - | 0 |

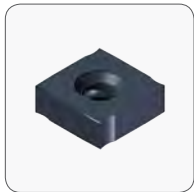
| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5000 | - | 0,2189 | - | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | | | | | | ● |

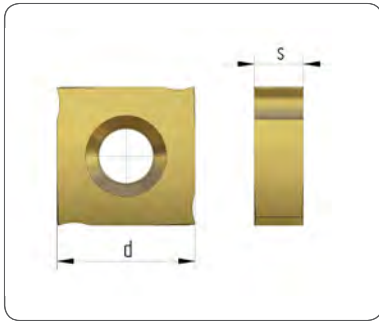
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04067 | SNHX 12054 | VP300 |
| PF04066 | SNHX 12054 | XH15 |
| PF01928 | SNHX 12054 | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNHX 12070

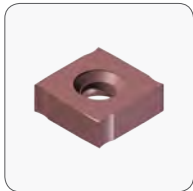


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | - | 5,56 | - | 0 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5000 | - | 0,2189 | - | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM20 | ▶ | ○ | ● | | | ○ | ○ | | ● | | | | | | ● |

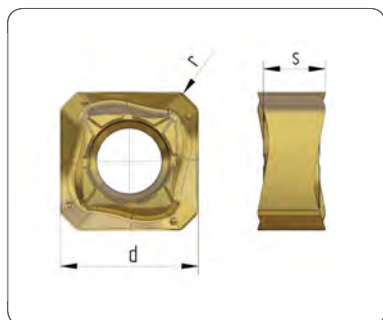
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01930 | SNHX 12070 | VP300 |
| PF04069 | SNHX 12070 | XH15 |
| PF01929 | SNHX 12070 | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNHX 1205AN EN



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | - | 5,71 | 0,80 | 0 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5000 | - | 0,2248 | 0,0314 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | | ● | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | ● | | ● | | | |

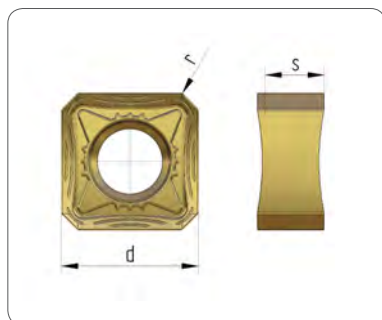
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00032 | SNHX 1205AN EN | VP300 |
| PF00192 | SNHX 1205AN EN | XH15 |
| PF00191 | SNHX 1205AN EN | XM20 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMX 1205 ANN



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | - | 5,49 | 0,40 | 0 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,5000 | - | 0,2161 | 0,0157 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | | ● | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | | ● | | ● | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VK300 | ▶ | | | ● | | | | | | ● | | ● | | | |

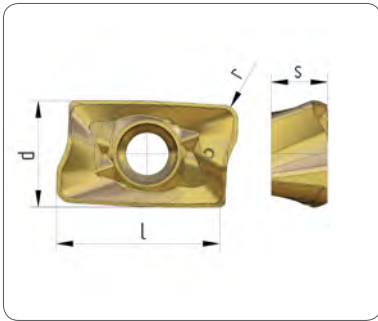
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00033 | SNMX 1205 ANN | VP300 |
| PF04068 | SNMX 1205 ANN | XH15 |
| PF00492 | SNMX 1205 ANN | VK300 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

VR390 11T310-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 11 | 6,90 | 10,50 | 3,66 | 1,00 | - |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,2716 | 0,4133 | 0,1440 | 0,0393 | - |



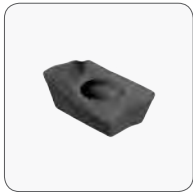
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | ● | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XT15 | ▶ | | | ● | | | | ● | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VK300 | ▶ | | | ● | | | | ● | ● | | ● | | | | |

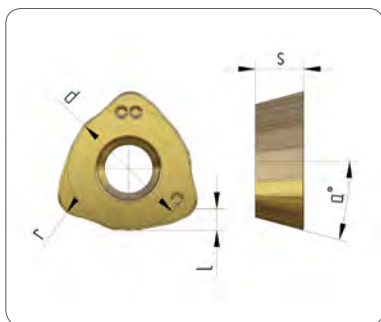
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03911 | VR390 11T310-M | VP300 |
| PF03909 | VR390 11T310-M | XH15 |
| PF03923 | VR390 11T310-M | XT15 |
| PF03913 | VR390 11T310-M | VK300 |

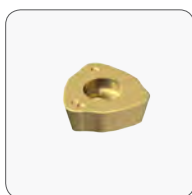
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WDMX 120420 SR

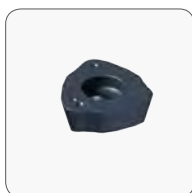


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,00 | 2,00 | 4,76 | 2,00 | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,4724 | 0,0787 | 0,1874 | 0,0787 | 15 |



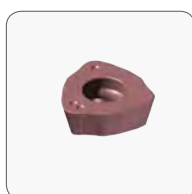
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | | ● | | | ● | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | | ● | | | ● | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VK300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | | ● | | | ● | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | | ● | | | ● | | |

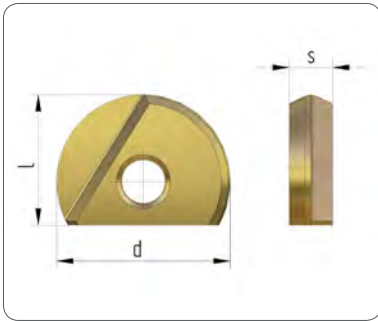
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00119 | WDMX 120420 SR | VP300 |
| PF00128 | WDMX 120420 SR | XM20 |
| PF00129 | WDMX 120420 SR | VK300 |
| PF04140 | WDMX 120420 SR | XH15 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WAR08 N



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 08 | 8,00 | 7,00 | 2,40 | - | - |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3149 | 0,2755 | 0,0944 | - | - |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | ● | | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM3000 | ▶ | ○ | | | | ● | ● | ● | ● | | | | | | ● | |

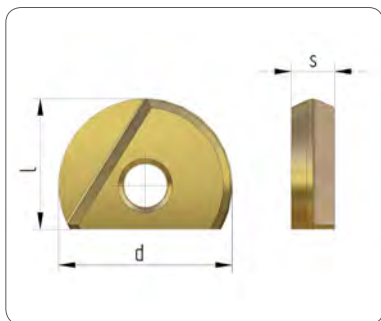
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04070 | WAR08 N | XH15 |
| PF04071 | WAR08 N | XM3000 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WAR10 N



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 10 | 10,00 | 8,50 | 2,60 | - | - |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3937 | 0,3346 | 0,1023 | - | - |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | ● | | | | | | ● | |
| | | | | | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM3000 | ▶ | ○ | | | | ● | ● | ● | ● | | | | | | ● | |
| | | | | | | | | | | | | | | | | |

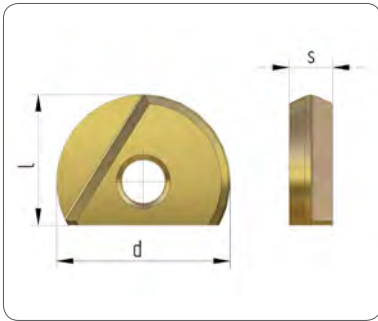
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04072 | WAR10 N | XH15 |
| PF04073 | WAR10 N | XM3000 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WAR12 N



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,00 | 10,00 | 3,00 | - | - |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,4724 | 0,3937 | 0,1181 | - | - |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | ● | | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM3000 | ▶ | ○ | | | | ● | ● | ● | ● | | | | | | ● | |

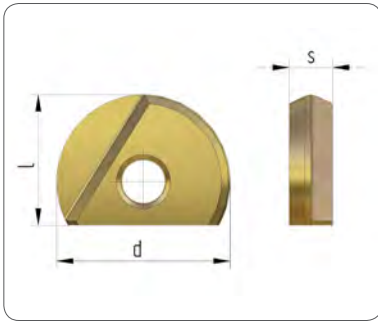
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04074 | WAR12 N | XH15 |
| PF04075 | WAR12 N | XM3000 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WAR16 N



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 16,00 | 12,00 | 4,00 | - | - |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,6299 | 0,4724 | 0,1574 | - | - |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | ● | | | | | | ● | |
| | | | | | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM3000 | ▶ | ○ | | | | ● | ● | ● | ● | | | | | | ● | |
| | | | | | | | | | | | | | | | | |

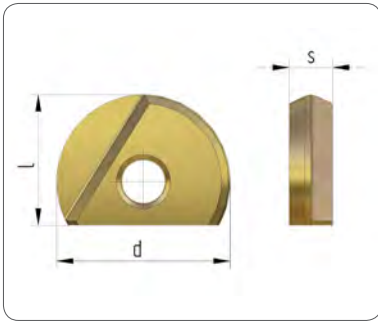
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04076 | WAR16 N | XH15 |
| PF04077 | WAR16 N | XM3000 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WAR20 N



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 20 | 20,00 | 15,00 | 5,00 | - | - |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,7874 | 0,5905 | 0,1968 | - | - |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | ● | | | | | | ● | |
| | | | | | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM3000 | ▶ | ○ | | | | ● | ● | ● | ● | | | | | | ● | |
| | | | | | | | | | | | | | | | | |

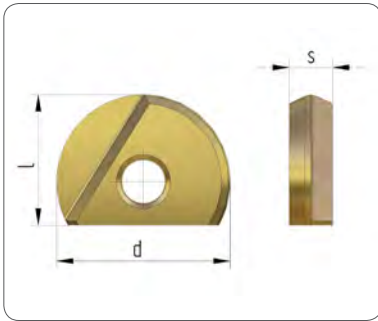
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04078 | WAR20 N | XH15 |
| PF04079 | WAR20 N | XM3000 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WAR25 N



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 25 | 25,00 | 18,50 | 6,00 | - | - |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,9842 | 0,7283 | 0,2362 | - | - |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | ● | | | | | | ● | |
| | | | | | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM3000 | ▶ | ○ | | | | ● | ● | ● | ● | | | | | | ● | |
| | | | | | | | | | | | | | | | | |

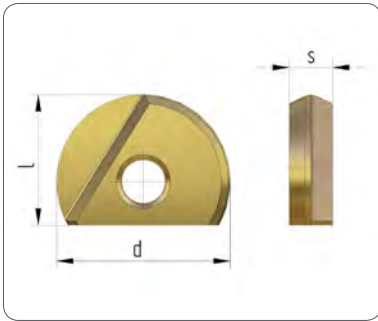
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04080 | WAR25 N | XH15 |
| PF04081 | WAR25 N | XM3000 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WAR32 N



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 32 | 32,00 | 23,50 | 7,00 | - | - |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 1,2598 | 0,9252 | 0,2755 | - | - |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | ● | | | | | | ● | |
| | | | | | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM3000 | ▶ | ○ | | | | ● | ● | ● | ● | | | | | | ● | |
| | | | | | | | | | | | | | | | | |

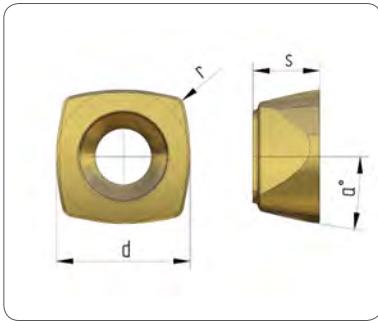
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04082 | WAR32 N | XH15 |
| PF04083 | WAR32 N | XM3000 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

XDLW 090408 SR



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 09 | 9,50 | - | 4,76 | 0,80 | 11 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3740 | - | 0,1874 | 0,0314 | 11 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | | | ● | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | | ● | | |

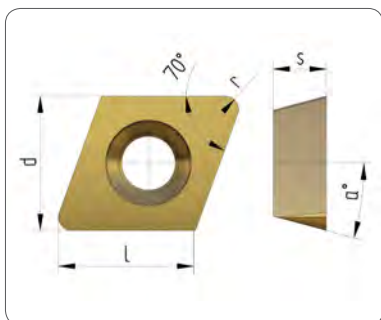
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04085 | XDLW 090408 SR | VP300 |
| PF04084 | XDLW 090408 SR | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

XDHW 040105



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 04 | 4,00 | 4,00 | 1,59 | 0,5 | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,1574 | 0,1574 | 0,0625 | 0,0196 | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | | ● | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XM3000 | ▶ | ○ | | | | ● | ● | | | ● | | | | | ● |

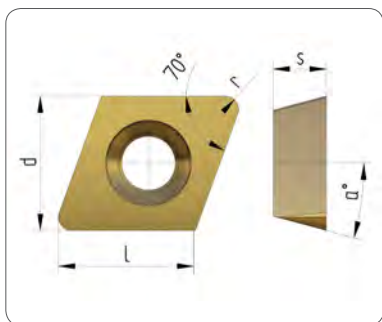
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF02689 | XDHW 040105 | XH15 |
| PF04087 | XDHW 040105 | XM3000 |
| | | |
| | | |

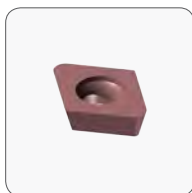
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

XDHW 040110



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 04 | 4,00 | 4,00 | 1,59 | 1,00 | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,1574 | 0,1574 | 0,0625 | 0,0196 | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | | ● | | | | | ● | |
| | | | | | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM3000 | ▶ | ○ | | | | ● | ● | | | ● | | | | | ● | |
| | | | | | | | | | | | | | | | | |

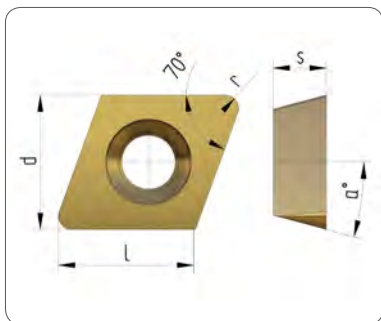
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF02690 | XDHW 040110 | XH15 |
| PF04089 | XDHW 040110 | XM3000 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

XDHW 060210



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 06 | 6,50 | 6,50 | 2,38 | 1,00 | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| | 0,2559 | 0,2559 | 0,0937 | 0,0393 | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | | ● | | | | | ● | |
| | | | | | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM3000 | ▶ | ○ | | | | ● | ● | | | ● | | | | | ● | |
| | | | | | | | | | | | | | | | | |

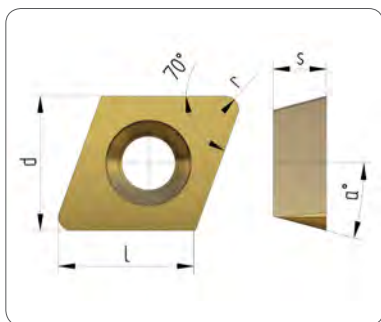
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00185 | XDHW 060210 | XH15 |
| PF04090 | XDHW 060210 | XM3000 |
| | | |
| | | |

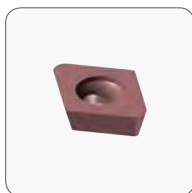
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

XDHW 09T310

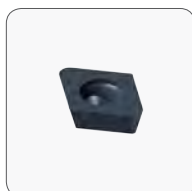


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 09 | 10 | 10 | 3,97 | 1,00 | 15 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3937 | 0,3937 | 0,1563 | 0,0393 | 15 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | | ● | | | | | ● | |
| | | | | | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XM3000 | ▶ | ○ | | | | ● | ● | | | ● | | | | | ● | |
| | | | | | | | | | | | | | | | | |

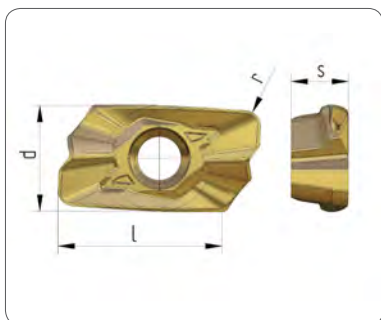
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00187 | XDHW 09T310 | XH15 |
| PF04091 | XDHW 09T310 | XM3000 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

XDKX 11T310 SR

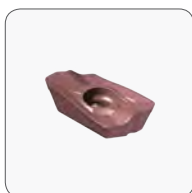


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 11 | 6,90 | 10,50 | 3,75 | 1,00 | - |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,2716 | 0,4133 | 0,1476 | 0,0393 | - |



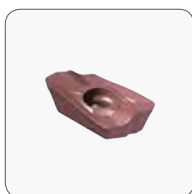
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | ● | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | ● | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | ● | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XT15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | ● | ● | | ● | | | | |

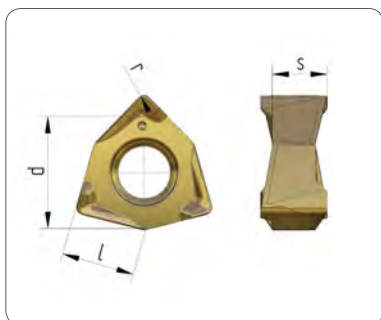
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00048 | XDKX 11T310 SR | VP300 |
| PF00046 | XDKX 11T310 SR | XH15 |
| PF00050 | XDKX 11T310 SR | XM20 |
| PF00051 | XDKX 11T310 SR | XT15 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

XNEX 040304-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 04 | 6,73 | 4,41 | 3,31 | 0,40 | 0 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,2649 | 0,1736 | 0,1303 | 0,0157 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XT15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | | ● | | | | |

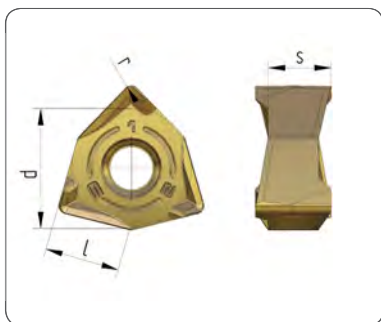
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03889 | XNEX 040304-M | VP300 |
| PF03891 | XNEX 040304-M | XH15 |
| PF03892 | XNEX 040304-M | XT15 |
| PF04086 | XNEX 040304-M | XM20 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

XNEX 080608-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 08 | 12,50 | 7,50 | 6,56 | 0,80 | 0 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,4921 | 0,2952 | 0,2582 | 0,0314 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XT15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | ● | | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | ● | ● | | | | |

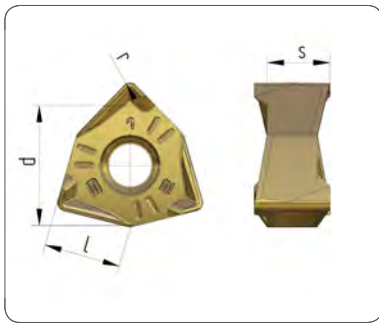
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00140 | XNEX 080608-M | VP300 |
| PF00141 | XNEX 080608-M | XH15 |
| PF00144 | XNEX 080608-M | XT15 |
| PF04088 | XNEX 080608-M | XM20 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

XNEX 080608-S



| ISO | | | | | |
|------|--------|--------|--------|--------|---|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a |
| 08 | 12,50 | 7,50 | 6,56 | 0,80 | 0 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|---|
| / | | | | | |
| Dim. | d | l | s | r | a |
| - | 0,4921 | 0,2952 | 0,2582 | 0,0314 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VP300 | ▶ | ● | | | | | | | ● | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XT15 | ▶ | | | ● | | | | | ● | ● | ● | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| VK300 | ▶ | | | ● | | | | | ● | ● | ● | | | | |

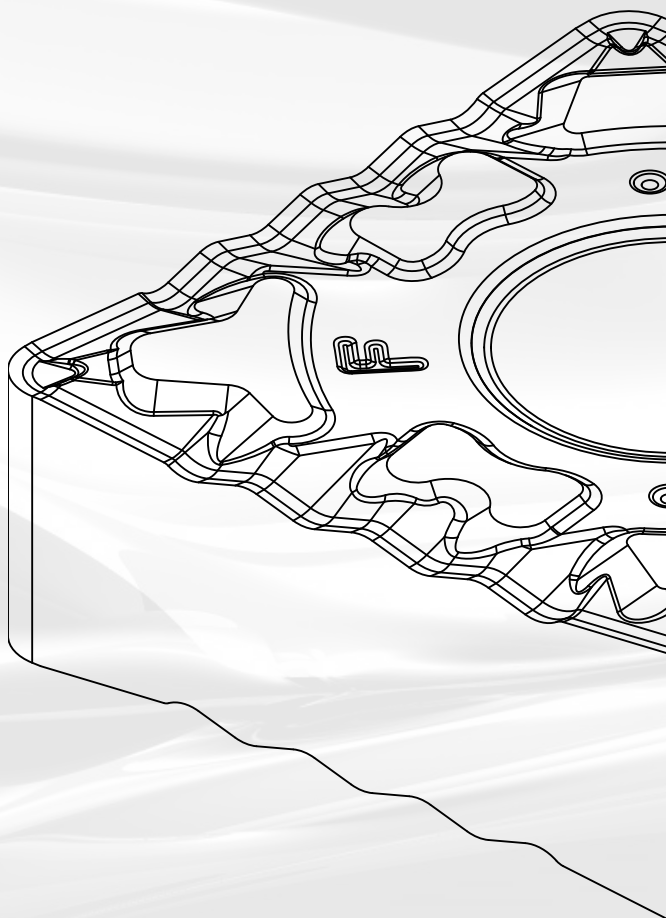
CODICI DI ORDINAZIONE

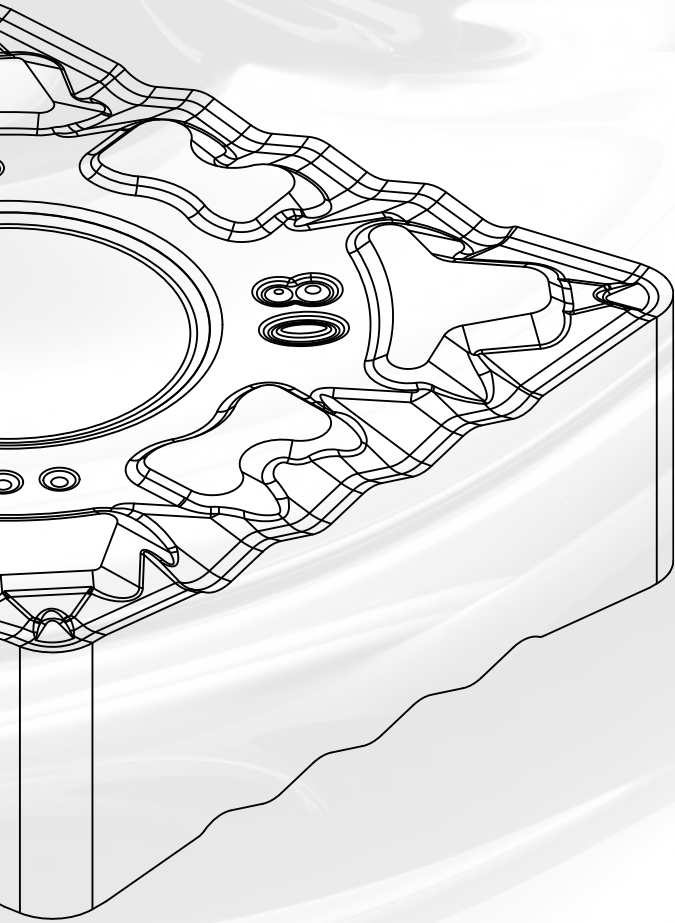
How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03812 | XNEX 080608-S | VP300 |
| PF03813 | XNEX 080608-S | XH15 |
| PF03810 | XNEX 080608-S | XT15 |
| PF03925 | XNEX 080608-S | VK300 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TORNITURA

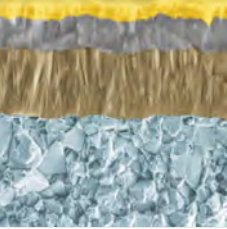










TURNING



| Classe | Materiale | ISO | Basso | ⇐ | Sviluppo di calore | ⇒ | Alto | ISO | Proprietà | |
|----------|---|-----|-------|---|--------------------|---|-------|-----|--|----|
| Class | Material | ISO | Low | ⇐ | Heat development | ⇒ | High | ISO | Property | |
| P | Acciaio Steel | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | XH15 | | VP150 | | | 30 |
| | | 40 | | | | | | 40 | | |
| | | 50 | | | | | | 50 | | |
| M | Acciaio Inox Stainless Steel | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | XH15 | | XM20 | | | 30 |
| | | 40 | | | | | | 40 | | |
| K | Ghisa Cast Iron | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | | | | 30 | | |
| | | 40 | | | | | | 40 | | |
| N | Materiali non ferrosi Non ferrous materials | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | | | | 30 | | |
| S | Materiali resistenti al calore Superleghe Heat resistant materials Superalloys | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | XH15 | | XM20 | | | 30 |
| | | 40 | | | | | | 40 | | |
| H | Materiali temprati Hardened Materials | 10 | | | | | | 10 | Resistenza all'usura Wear resistance ↑ ↓ Tenacità Toughness | |
| | | 20 | | | | | | 20 | | |
| | | 30 | | | XH15 | | VP150 | | | 30 |



17

| | |
|--|---|
| <p>VP150</p>  | <p>Grado ricoperto MT-CVD con ottima resistenza all'usura garantendo bassa deformazione plastica. Qualità eccellente in condizioni stabili sia in operazioni di sgrossatura che in finitura resistendo alle alte temperature. Utilizzabile a secco e con refrigerazione.</p> <p>MT-CVD coated grade with high wear-resistance which ensures low plastic deformation. Excellent quality in stable conditions suitable both for roughing and for finishing processing, even at high temperature. It can be used dry and with coolant.</p> |
| <p>VP250</p>  | <p>Grado ricoperto MT-CVD adatto per lavorazioni di sgrossatura e finitura di acciai. Il particolare substrato tenacizzato abbinato alla nuova ricopertura ad alto spessore rende questo grado utilizzabile in varie applicazioni.</p> <p>MT-CVD coated grade suitable for roughing and finishing steel processing. The unique toughened substrate, combined with the new and high thickness coating, makes this grade usable for several applications.</p> |
| <p>XH15</p>  | <p>Grado ricoperto con tecnologia PVD per lavorazioni in condizioni stabili a secco con velocità di taglio medio - alte. La ricopertura PVD lo rende scelta ottimale in caso di intasamento del truciolo. Scelta ottimale per le lavorazioni di acciai insossidabili.</p> <p>PVD coating grade for stable and dry processing conditions in medium to high cutting speed. The PVD coating makes it the optimal choice in case of chip blockage. Best option for stainless steel workabilities.</p> |

| | |
|--|---|
| VM2500 | |
|  | Grado ricoperto con tecnologia CVD adatto a lavorazioni di acciaio inossidabile e superleghe. Il sottile rivestimento e gli spigoli vivi rendono questa qualità ideale per difficili lavorazioni. |
|  | Grade coated with CVD technology suitable for machining of stainless steel and superalloys. The thin coating and sharp edges make this ideal for difficult quality workmanship. |

| | |
|--|--|
| XM20 | |
|  | Grado ricoperto con tecnologia PVD adatto a lavorazioni di acciaio inossidabile di tipo austenitico. Il particolare abbinamento di un substrato omogeneo e ricopertura al silicio rende questa qualità ideale per velocità di taglio medio-alte. |
|  | PVD coated grade suitable for stainless austenitic steel processing. The unique combination of the uniform substrate and the silicon coating makes this quality ideal in medium to high cutting speed. |

| | |
|---|--|
| VK050 | |
|  | Grado ricoperto MT-CVD con substrato molto duro ideale per lavorazioni di ghisa ad alte velocità di taglio. Ottima resistenza del tagliente all'usura. |
|  | MT-CVD coated grade with a very hard substrate suitable for cast iron machining at high cutting speeds. Excellent wear resistance of the cutting edge. |

| | |
|--|--|
| VK150 | |
|  | Grado ricoperto MT-CVD adatto a lavorazioni di ghisa quando è necessaria grande tenacità e alta resistenza all'usura. Usato a umido e con velocità di taglio medio-bassa questa qualità garantisce una notevole durata dell'inserto. |
|  | MT-CVD coated grade suitable for cast iron processing whenever it is required high toughness and excellent wear-resistance. Used wet and in low to medium cutting speed, this quality ensures a remarkable insert life. |

1. Forma inserto

| | | | |
|---|---|---|---|
| A | B | C | D |
| | | | |
| E | H | K | L |
| | | | |
| M | O | P | R |
| | | | |
| S | T | V | W |
| | | | |

2. Spoglia laterale dell'inserto

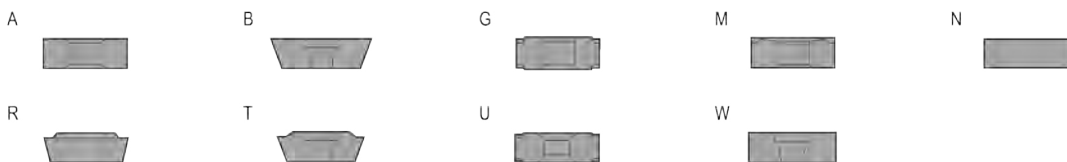
| | | |
|---|---|---|
| A | B | C |
| | | |
| D | E | F |
| | | |
| G | N | P |
| | | |

O = Speciale

3. Tolleranze

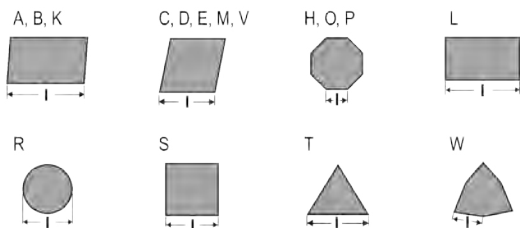
| Classe di toll. | Tolleranza ± mm | | Circonferenza inscritta d, mm | | | | | | | | | | | |
|-----------------|-----------------|-------|-------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| | | | 3,175* | 3,969 | 4,064 | 4,760 | 6,350 | 9,525 | 12,700 | 15,875 | 19,050 | 25,400 | 31,750 | 38,100 |
| A | 0,025 | 0,025 | • | | | • | • | • | • | • | • | • | • | • |
| C | 0,025 | 0,025 | • | • | • | • | • | • | • | • | • | • | • | • |
| E | 0,025 | 0,025 | • | | | • | • | • | • | • | • | • | • | • |
| F | 0,025 | 0,013 | • | | | • | • | • | • | • | • | • | • | • |
| G | 0,130 | 0,025 | • | | | • | • | • | • | • | • | • | • | • |
| H | 0,025 | 0,013 | • | | | • | • | • | • | • | • | • | • | • |
| J | 0,025 | 0,050 | • | | | • | • | • | | | | | | |
| | 0,025 | 0,080 | | | | | | | • | | | | | |
| | 0,025 | 0,100 | | | | | | | | • | • | | | |
| | 0,025 | 0,130 | | | | | | | | | • | | | |
| | 0,025 | 0,150 | | | | | | | | | | • | • | |
| K | 0,025 | 0,050 | • | | | • | • | • | | | | | | |
| | 0,025 | 0,080 | | | | | | | • | | | | | |
| | 0,025 | 0,100 | | | | | | | | • | • | | | |
| | 0,025 | 0,130 | | | | | | | | | • | | | |
| | 0,025 | 0,150 | | | | | | | | | | • | • | |
| M | 0,130 | 0,050 | • | | | • | • | • | | | | | | |
| | 0,130 | 0,080 | | | | | | | • | | | | | |
| | 0,130 | 0,100 | | | | | | | | • | • | | | |
| | 0,130 | 0,130 | | | | | | | | | • | | | |
| | 0,130 | 0,150 | | | | | | | | | | • | • | |
| U | 0,130 | 0,080 | • | | | • | • | • | | | | | | |
| | 0,130 | 0,130 | | | | | | | • | | | | | |
| | 0,130 | 0,180 | | | | | | | | • | • | | | |
| | 0,130 | 0,250 | | | | | | | | | | • | • | • |

4. Fissaggio e/o formatruciolo

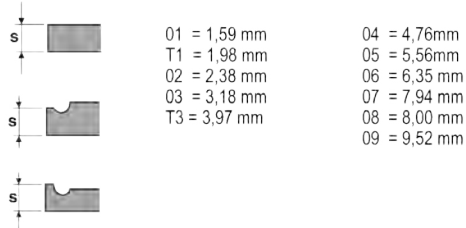


X = Speciale

5. Lunghezza tagliente



6. Spessore



7. Inserti con smusso/raggio di punta

1a lettera

- A = 45°
- D = 60°
- E = 75°
- F = 85°
- P = 90°
- Z = Speciale



2a lettera

- A = 45°
- B = 5°
- C = 7°
- D = 15°
- E = 20°
- F = 25°
- G = 30°
- N = 0°
- P = 11°
- Z = Speciale



raggio di punta

M0 = inserti tondi (versione metrica)

- 005 = 0,05 mm
- 01 = 0,1 mm
- 02 = 0,2 mm
- 04 = 0,4 mm
- 08 = 0,8 mm
- 12 = 1,2 mm
- ecc.

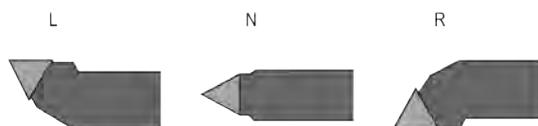


8. Forma del tagliente



Informazione non obbligatoria

9. Direzione di taglio



Informazione non obbligatoria

10. Designazione interna

- es. designazione formatruciolo
- F = finitura
- M = lavorazioni medie
- S = sgrossatura

| FORMA INSERTO | | DIMENSIONE | MASSIMA PROFONDITA' DI TAGLIO | | | | | | | | | | | | | | | |
|---------------|--|------------|-------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| C | | 04 | █ | | | | | | | | | | | | | | | |
| | | 06 | █ | █ | | | | | | | | | | | | | | |
| | | 09 | █ | █ | █ | | | | | | | | | | | | | |
| | | 12 | █ | █ | █ | █ | | | | | | | | | | | | |
| | | 16 | | █ | █ | █ | █ | █ | | | | | | | | | | |
| | | 19 | | █ | █ | █ | █ | █ | █ | | | | | | | | | |
| | | 25 | | | █ | █ | █ | █ | █ | █ | █ | | | | | | | |
| D | | 07 | █ | █ | | | | | | | | | | | | | | |
| | | 11 | █ | █ | █ | | | | | | | | | | | | | |
| | | 15 | █ | █ | █ | █ | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| R | | 06 | █ | █ | | | | | | | | | | | | | | |
| | | 08 | █ | █ | █ | | | | | | | | | | | | | |
| | | 10 | █ | █ | █ | █ | | | | | | | | | | | | |
| | | 12 | █ | █ | █ | █ | | | | | | | | | | | | |
| | | 15 | █ | █ | █ | █ | █ | | | | | | | | | | | |
| | | 16 | █ | █ | █ | █ | █ | | | | | | | | | | | |
| | | 19 | █ | █ | █ | █ | █ | █ | | | | | | | | | | |
| | | 20 | █ | █ | █ | █ | █ | █ | | | | | | | | | | |
| | | 25 | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | |
| | | 32 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ |
| S | | 09 | █ | █ | █ | | | | | | | | | | | | | |
| | | 12 | █ | █ | █ | █ | | | | | | | | | | | | |
| | | 15 | | █ | █ | █ | █ | | | | | | | | | | | |
| | | 19 | | █ | █ | █ | █ | █ | | | | | | | | | | |
| | | 25 | | | █ | █ | █ | █ | █ | █ | | | | | | | | |
| | | 31 | | | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | |
| | | 38 | | | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | |
| T | | 06 | █ | | | | | | | | | | | | | | | |
| | | 11 | █ | █ | | | | | | | | | | | | | | |
| | | 16 | █ | █ | █ | | | | | | | | | | | | | |
| | | 22 | █ | █ | █ | █ | | | | | | | | | | | | |
| | | 27 | | █ | █ | █ | █ | | | | | | | | | | | |
| | | 33 | | | █ | █ | █ | █ | █ | | | | | | | | | |
| V | | 11 | █ | █ | | | | | | | | | | | | | | |
| | | 16 | █ | █ | █ | | | | | | | | | | | | | |
| | | 22 | █ | █ | █ | █ | | | | | | | | | | | | |
| W | | 06 | █ | █ | █ | | | | | | | | | | | | | |
| | | 08 | █ | █ | █ | █ | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | ● ○ | ECCELLENTE Excellent ADATTO Suitable | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|--------|---|--|
| | | P | M | K | N | S | H | F | M | S | P | N | | | |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | | ● | | | |

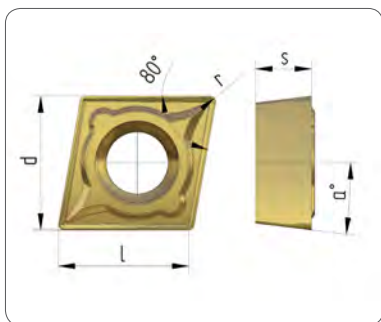
| | |
|----------------|---|
| GRADO Grade | GRADO DI RICOPERTURA DELL'INSERTO Insert grade |
|----------------|---|

| | | |
|-----------------------|---|---|
| CATEGORIA Category | ▶ | PRODOTTO SEMPRE DISPONIBILE Product always available |
| | ▶ | PRODOTTO DISPONIBILE / 4 SETTIMANE DI CONSEGNA Product available / 4 week to delivery |
| | ▶ | PRODOTTO SU ORDNAZIONE / 8 SETTIMANE DI CONSEGNA Product available on order / 8 week to delivery |
| | ▶ | LOTTO MINIMO RICHIESTO Product minimum required |

| | | |
|-------------------------|---|---------------------------------|
| CLASSE ISO Iso Class | P | ACCIAIO Steel |
| | M | ACCIAIO INOX Stainless steel |
| | K | GHISA Cast iron |
| | N | NON FERROSI Non ferrous |
| | S | SUPERLEGHE Superalloys |
| | H | TEMPRATI Hard metal |

| | | |
|------------------------------|---|--|
| APPLICAZIONE Applications | F | FINITURA Finishing |
| | M | MEDIA Medium |
| | S | SGROSSATURA Roughing |
| | P | TORNITURA POSITIVA Positive turning |
| | N | TORNITURA NEGATIVA Negative turning |

CCMT 060202



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 06 | 6,35 | 6,30 | 2,38 | 0,20 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CCMT 21.50 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 2 | 0,2500 | 0,2480 | 0,0937 | 0,0078 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

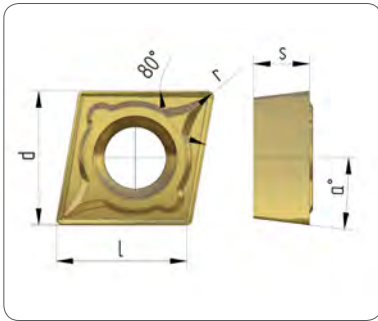
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03773 | CCMT 060202 | VP150 |
| PF03691 | CCMT 060202 | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CCMT 060204

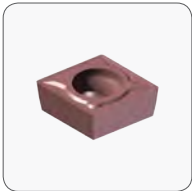


| ISO | | | | | |
|------|--------|--------|--------|--------|-----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 06 | 6,35 | 6,30 | 2,38 | 0,40 | 80° |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CCMT 21.51 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 2 | 0,2500 | 0,2480 | 0,0937 | 0,0157 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

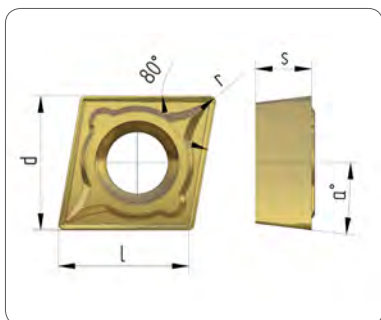
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03427 | CCMT 060204 | VP150 |
| PF03426 | CCMT 060204 | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CCMT 09T304



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 09 | 9,52 | 9,70 | 3,97 | 0,40 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CCMT 32.51 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,3818 | 0,1563 | 0,0157 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

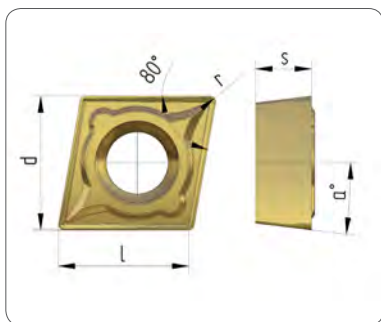
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03432 | CCMT 09T304 | VP150 |
| PF02694 | CCMT 09T304 | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CCMT 09T308



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 09 | 9,52 | 9,70 | 3,97 | 0,80 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CCMT 32.52 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,3818 | 0,1563 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

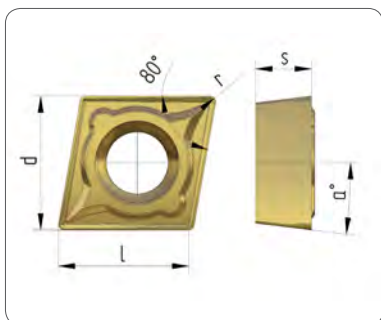
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04021 | CCMT 09T308 | VP150 |
| PF04020 | CCMT 09T308 | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CCMT 120404



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 0,40 | 80 |

| ANSI | | | | | |
|----------|--------|--------|--------|---------|----|
| CCMT 431 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,01574 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

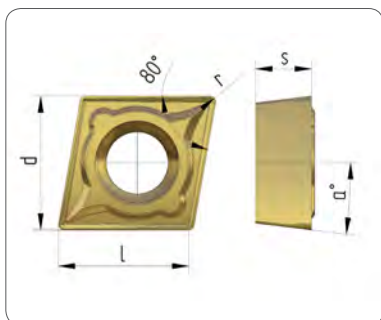
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03692 | CCMT 120404 | VP150 |
| PF03895 | CCMT 120404 | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CCMT 120408



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 0,80 | 80 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| CCMT 432 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | ● | | | ● | |

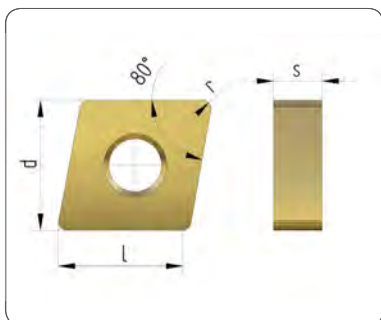
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03693 | CCMT 120408 | VP150 |
| PF00377 | CCMT 120408 | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMA 120408



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 0,80 | 80 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| CNMA 432 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK050 | ▶ | | | ● | | | | | ● | ● | | ● |

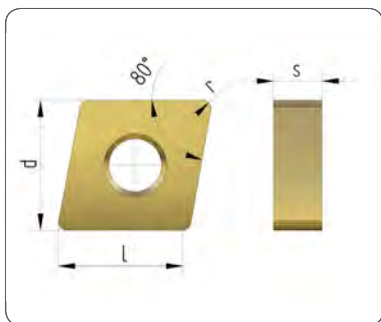
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00319 | CNMA 120408 | VK150 |
| PF00320 | CNMA 120408 | VK050 |
| | | |
| | | |

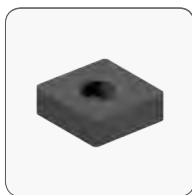
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMA 120412

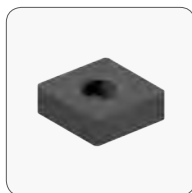


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 1,20 | 80 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| CNMA 433 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0472 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK050 | ▶ | | | ● | | | | | ● | ● | | ● |

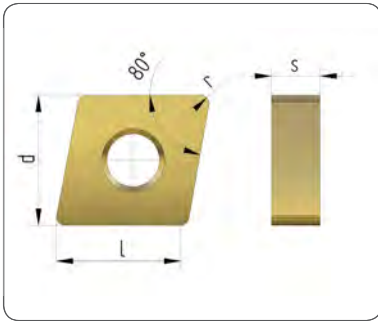
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00321 | CNMA 120412 | VK150 |
| PF00322 | CNMA 120412 | VK050 |
| | | |
| | | |

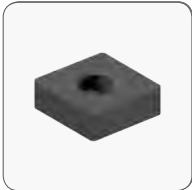
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMA 120416

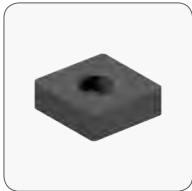


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 1,60 | 80 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| CNMA 434 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0629 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK050 | ▶ | | | ● | | | | | ● | ● | | ● |

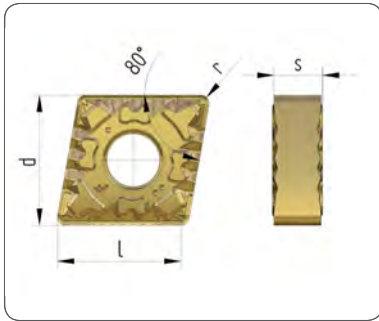
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00323 | CNMA 120416 | VK150 |
| PF00324 | CNMA 120416 | VK050 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 120404-F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 0,40 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMG 431-F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0157 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | ● | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | | ● |

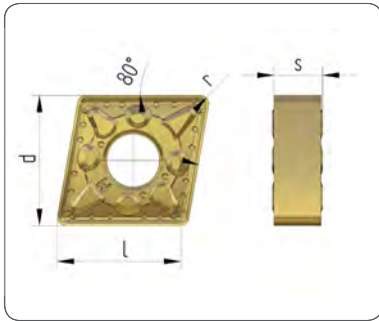
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00455 | CNMG 120404-F | VP150 |
| PF00456 | CNMG 120404-F | VP250 |
| PF00458 | CNMG 120404-F | XH15 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 120404-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 0,40 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMG 431-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0157 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | ● | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | ● | ● | | | ● |

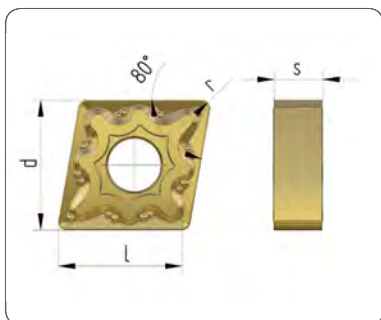
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01581 | CNMG 120404-M | VP150 |
| PF01582 | CNMG 120404-M | VP250 |
| PF03638 | CNMG 120404-M | XH15 |
| PF01585 | CNMG 120404-M | VK150 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 120408-AX



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 0,80 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMG 432-AX | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | | | ● |

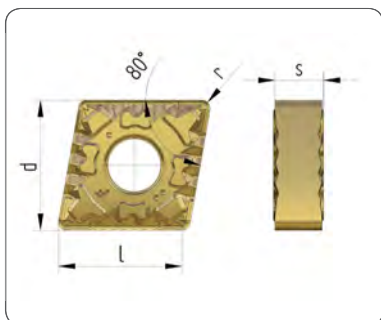
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00145 | CNMG 120408-AX | VP150 |
| PF00335 | CNMG 120408-AX | VP250 |
| PF00451 | CNMG 120408-AX | XH15 |
| PF04141 | CNMG 120408-AX | VM2500 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 120408-F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 0,80 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMG 432-F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | ● | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | ● | | | | ● |

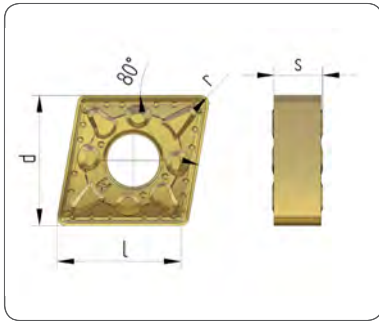
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00146 | CNMG 120408-F | VP150 |
| PF00171 | CNMG 120408-F | VP250 |
| PF00334 | CNMG 120408-F | XH15 |
| PF04142 | CNMG 120408-F | VM2500 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 120408-M

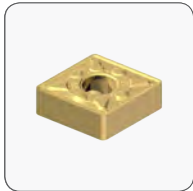


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 0,80 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMG 432-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ● | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | | | ● |

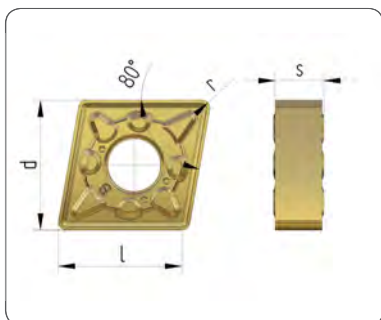
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00184 | CNMG 120408-M | VP150 |
| PF00173 | CNMG 120408-M | VP250 |
| PF01535 | CNMG 120408-M | XH15 |
| PF04143 | CNMG 120408-M | VM2500 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 120408-S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 0,80 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMG 432-S | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | | ● | | ● |

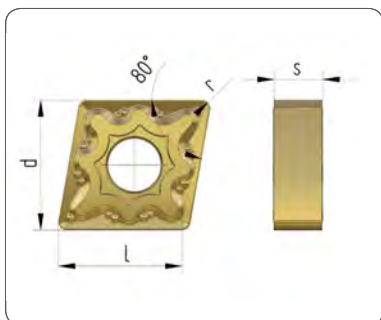
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03914 | CNMG 120408-S | VP150 |
| PF00174 | CNMG 120408-S | VP250 |
| PF01598 | CNMG 120408-S | VK150 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 120412-AX



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 1,20 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMG 433-AX | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0472 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | ● | | ● |

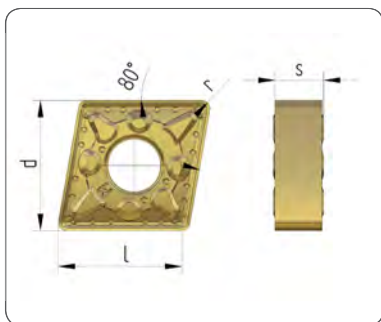
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00336 | CNMG 120412-AX | VP150 |
| PF00175 | CNMG 120412-AX | VP250 |
| PF00074 | CNMG 120412-AX | XH15 |
| PF04144 | CNMG 120412-AX | VM2500 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 120412-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 1,20 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMG 433-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0472 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | | ● | | ● |

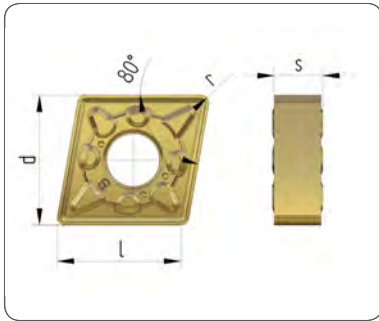
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00925 | CNMG 120412-M | VP150 |
| PF00926 | CNMG 120412-M | VP250 |
| PF03708 | CNMG 120412-M | XH15 |
| PF01603 | CNMG 120412-M | VK150 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 120412-S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 1,20 | 80 |

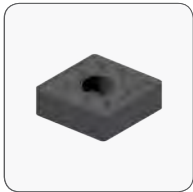
| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMG 433-S | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0472 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | | ● | | ● |

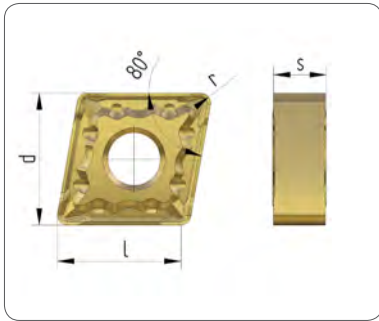
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03915 | CNMG 120412-S | VP150 |
| PF00116 | CNMG 120412-S | VP250 |
| PF01604 | CNMG 120412-S | VK150 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 160612-6G



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 15,88 | 15,90 | 6,35 | 1,20 | 80 |

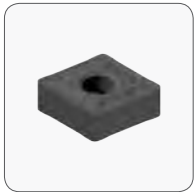
| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMG 543-6G | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 5 | 0,6252 | 0,6259 | 0,2500 | 0,0472 | 80 |



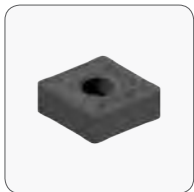
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK050 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | ● | | ● |

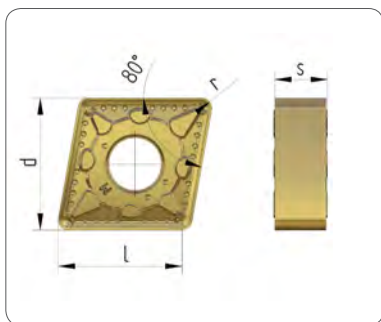
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00370 | CNMG 160612-6G | VP150 |
| PF00301 | CNMG 160612-6G | VP250 |
| PF01618 | CNMG 160612-6G | VK150 |
| PF04145 | CNMG 160612-6G | VK050 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 160612-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 15,88 | 15,90 | 6,35 | 1,20 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMG 543-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 5 | 0,6252 | 0,6259 | 0,2500 | 0,0472 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO VP150 | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|---------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | | | ● |

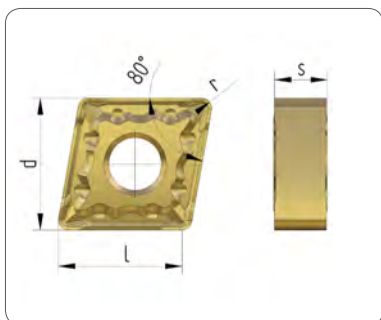
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03768 | CNMG 160612-M | VP150 |
| PF03767 | CNMG 160612-M | VP250 |
| PF03770 | CNMG 160612-M | XH15 |
| PF04146 | CNMG 160612-M | VM2500 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 160616-6G



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 15,88 | 15,90 | 6,35 | 1,60 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMG 544-6G | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 5 | 0,6252 | 0,6259 | 0,2500 | 0,0629 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK050 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | ● | | ● |

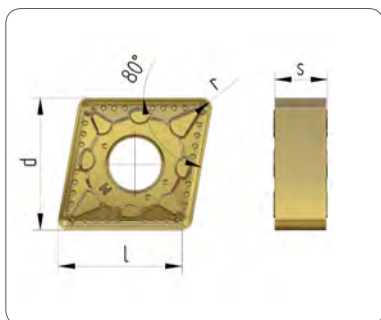
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00302 | CNMG 160616-6G | VP250 |
| PF00093 | CNMG 160616-6G | VK150 |
| PF00092 | CNMG 160616-6G | VK050 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 160616-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 15,88 | 15,90 | 6,35 | 1,60 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMG 544-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 5 | 0,6252 | 0,6259 | 0,2500 | 0,0629 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | | | ● |

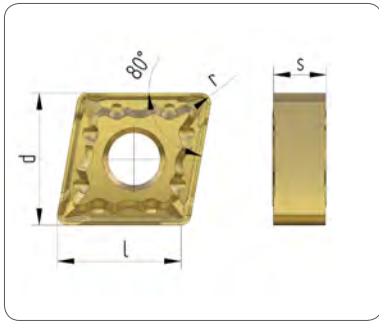
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03408 | CNMG 160616-M | VP150 |
| PF03409 | CNMG 160616-M | VP250 |
| PF03411 | CNMG 160616-M | XH15 |
| PF04147 | CNMG 160616-M | VM2500 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 190616-6G



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 19 | 19,05 | 19,30 | 6,35 | 1,60 | 80 |

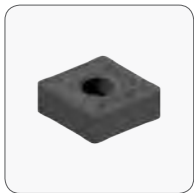
| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMG 644-6G | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 6 | 0,7500 | 0,7598 | 0,2500 | 0,0629 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | ● | | ● |

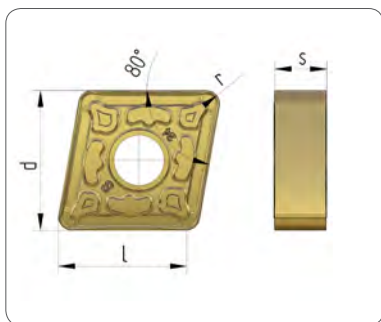
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04148 | CNMG 190616-6G | VP150 |
| PF00307 | CNMG 190616-6G | VP250 |
| PF01644 | CNMG 190616-6G | VK150 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMG 250924-S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 25 | 25,40 | 25,79 | 9,52 | 2,40 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMG 866-S | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 8 | 1,0000 | 1,0154 | 0,3748 | 0,0944 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |

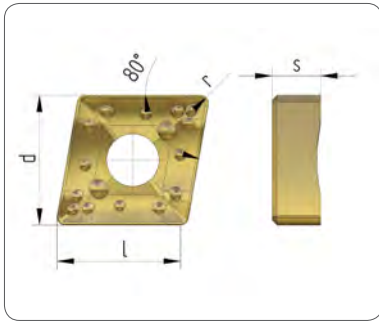
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04149 | CNMG 250924-S | VP150 |
| PF00150 | CNMG 250924-S | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 120408-8F

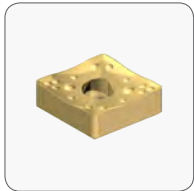


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 0,80 | 80 |

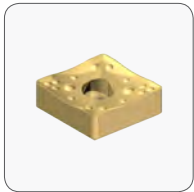
| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 432-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | | | ● |

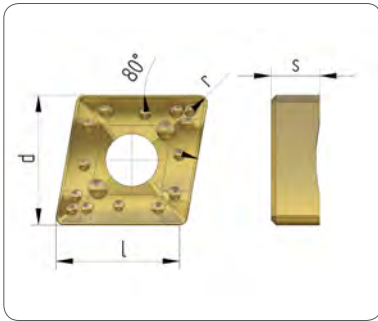
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00338 | CNMM 120408-8F | VP150 |
| PF00339 | CNMM 120408-8F | VP250 |
| PF04150 | CNMM 120408-8F | VM2500 |
| | | |

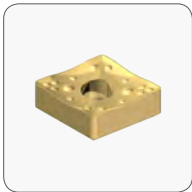
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 120412-8F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,90 | 4,76 | 1,20 | 80 |

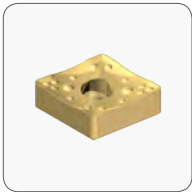
| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 433-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5078 | 0,1874 | 0,0472 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | | | ● |

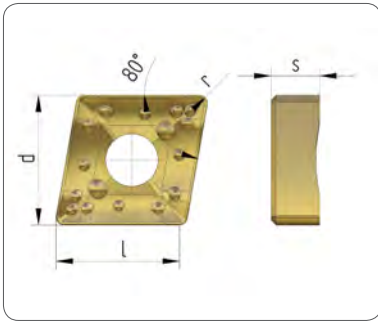
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00341 | CNMM 120412-8F | VP150 |
| PF00342 | CNMM 120412-8F | VP250 |
| PF04151 | CNMM 120412-8F | VM2500 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 160608-8F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 15,88 | 16,12 | 6,35 | 0,80 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 542-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 5 | 0,6252 | 0,6346 | 0,2500 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |

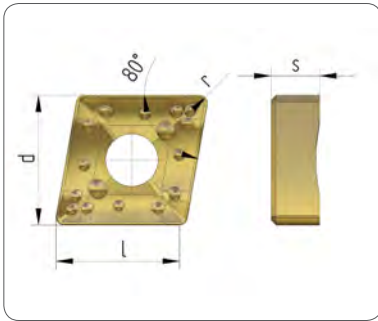
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00344 | CNMM 160608-8F | VP150 |
| PF00345 | CNMM 160608-8F | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 160612-8F

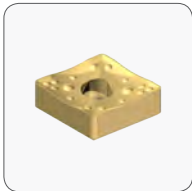


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 15,88 | 16,12 | 6,35 | 1,20 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 543-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 5 | 0,6252 | 0,6346 | 0,2500 | 0,0472 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | ● | ● | | ● |

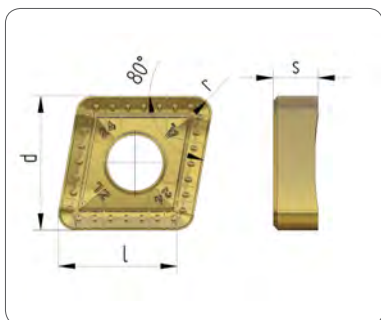
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00347 | CNMM 160612-8F | VP150 |
| PF00348 | CNMM 160612-8F | VP250 |
| PF01661 | CNMM 160612-8F | VK150 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 160616-ZL



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 15,88 | 16,12 | 6,35 | 1,60 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 544-ZL | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 5 | 0,6252 | 0,6346 | 0,2500 | 0,0629 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | ● | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | ● | | ● |

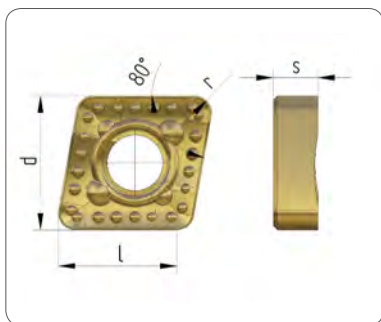
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03378 | CNMM 160616-ZL | VP150 |
| PF03390 | CNMM 160616-ZL | VP250 |
| PF04152 | CNMM 160616-ZL | VM2500 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 190612-8F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 19 | 19,05 | 19,30 | 6,35 | 1,20 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 643-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 6 | 0,7500 | 0,7598 | 0,2500 | 0,0472 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | ● | ● | | ● |

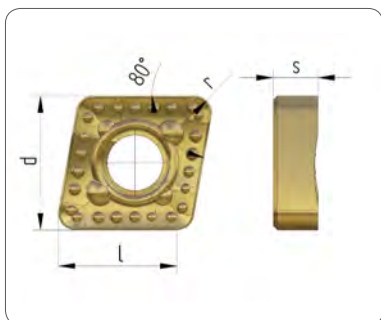
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00286 | CNMM 190612-8F | VP150 |
| PF00287 | CNMM 190612-8F | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 190616-8F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 19 | 19,05 | 19,30 | 6,35 | 1,60 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 644-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 6 | 0,7500 | 0,7598 | 0,2500 | 0,0629 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | ● | ● | | ● |

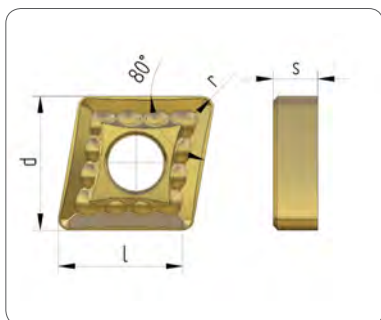
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00289 | CNMM 190616-8F | VP150 |
| PF00290 | CNMM 190616-8F | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 190616-VSX



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 19 | 19,05 | 19,30 | 6,35 | 1,60 | 80 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| CNMM 644-VSX | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 6 | 0,7500 | 0,7598 | 0,2500 | 0,0629 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VM2500 | ▶ | ○ | ● | | | ○ | | | ● | ● | | ● |

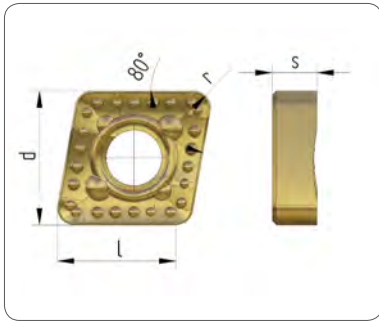
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03990 | CNMM 190616-VSX | XH15 |
| PF03775 | CNMM 190616-VSX | VM2500 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 190624-8F

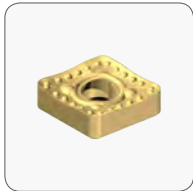


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 19 | 19,05 | 19,34 | 6,35 | 2,40 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 546-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 6 | 0,7500 | 0,7612 | 0,2500 | 0,0944 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |

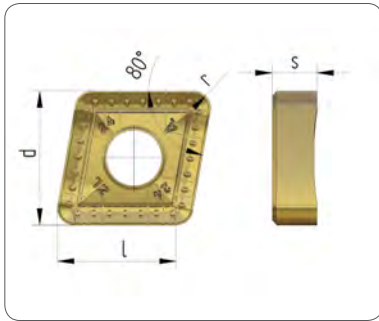
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00178 | CNMM 190624-8F | VP150 |
| PF00177 | CNMM 190624-8F | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 190624-ZL



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 19 | 19,05 | 19,34 | 6,35 | 2,40 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 646-ZL | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 6 | 0,7500 | 0,7612 | 0,2500 | 0,0944 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | | ● | | ● |

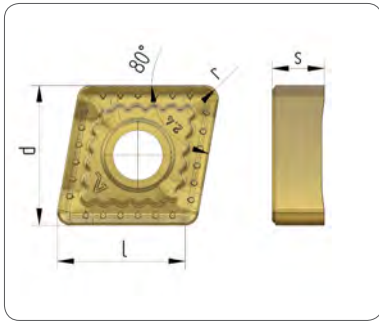
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03376 | CNMM 190624-ZL | VP150 |
| PF03388 | CNMM 190624-ZL | VP250 |
| PF03425 | CNMM 190624-ZL | VM2500 |
| | | |

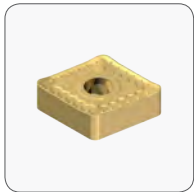
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 250724-8F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 25 | 25,40 | 25,79 | 6,35 | 2,40 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 856-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 8 | 1,0000 | 1,0154 | 0,2500 | 0,0944 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |

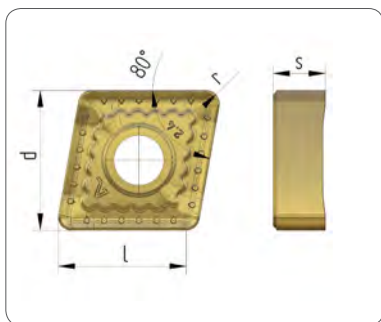
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04153 | CNMM 250724-8F | VP150 |
| PF01669 | CNMM 250724-8F | VP250 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 250924-8F

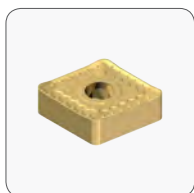


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 25 | 25,40 | 25,79 | 9,52 | 2,40 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| CNMM 866-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 8 | 1,0000 | 1,0154 | 0,3748 | 0,0944 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |

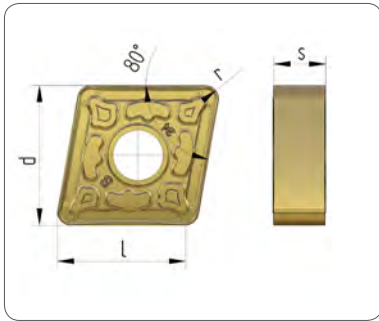
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00294 | CNMM 250924-8F | VP150 |
| PF00295 | CNMM 250924-8F | VP250 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

CNMM 250924-S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 25 | 25,40 | 25,79 | 9,52 | 2,40 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| CNMM 866-S | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 8 | 1,0000 | 1,0154 | 0,3748 | 0,0944 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01164 | CNMM 250924-S | VP150 |
| PF01163 | CNMM 250924-S | VP250 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DCMT 070204

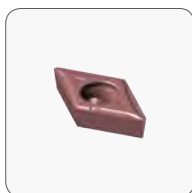


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 07 | 6,35 | 7,70 | 2,38 | 0,40 | 55 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| DCMT 21.51 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 2 | 0,2500 | 0,3031 | 0,0937 | 0,0157 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03431 | DCMT 070204 | VP150 |
| PF03430 | DCMT 070204 | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DCMT 070208

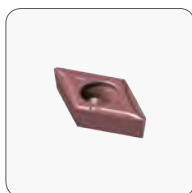


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 07 | 6,35 | 7,70 | 2,38 | 0,80 | 55 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| DCMT 21.52 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 2 | 0,2500 | 0,3001 | 0,0937 | 0,0314 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

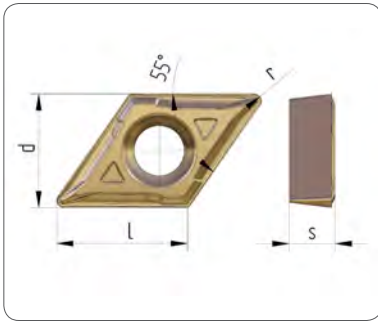
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04096 | DCMT 070208 | VP150 |
| PF04097 | DCMT 070208 | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DCMT 11T304



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 11 | 9,52 | 11,60 | 3,97 | 0,40 | 55 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| DCMT 32.51 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,4566 | 0,1563 | 0,0157 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|--|
| | | P | M | K | N | S | H | F | M | S | P | N | |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|--|
| | | P | M | K | N | S | H | F | M | S | P | N | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | | ● | |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03434 | DCMT 11T304 | VP150 |
| PF02695 | DCMT 11T304 | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DCMT 11T308

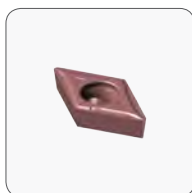


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 11 | 9,52 | 11,60 | 3,97 | 0,80 | 55 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| DCMT 32.52 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,4566 | 0,1563 | 0,0314 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03437 | DCMT 11T308 | VP150 |
| PF03436 | DCMT 11T308 | XH15 |
| | | |
| | | |

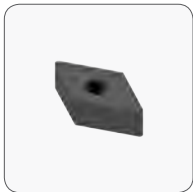
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DNMA 150608



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 12,70 | 15,50 | 6,35 | 0,80 | 55 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| DNMA 442 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,6102 | 0,2500 | 0,0314 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK050 | ▶ | | | ● | | | | | ● | | | ● |

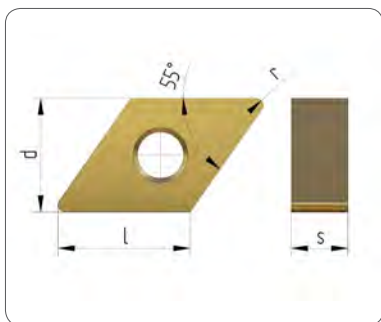
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01690 | DNMA 150608 | VK150 |
| PF04154 | DNMA 150608 | VK050 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DNMA 150612

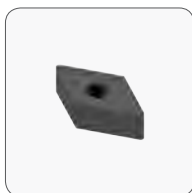


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 12,70 | 15,50 | 6,35 | 1,20 | 55 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| DNMA 443 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,6102 | 0,2500 | 0,0472 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK050 | ▶ | | | ● | | | | | ● | ● | | ● |

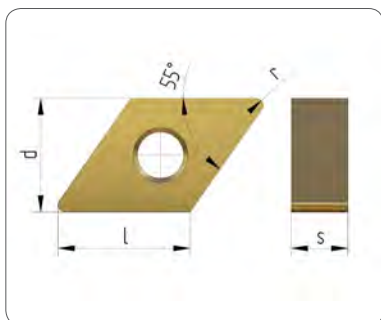
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01693 | DNMA 150612 | VK150 |
| PF04155 | DNMA 150612 | VK050 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DNMA 150616



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 12,70 | 15,50 | 6,35 | 1,60 | 55 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| DNMA 444 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,6102 | 0,2500 | 0,0629 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK050 | ▶ | | | ● | | | | | ● | ● | | ● |

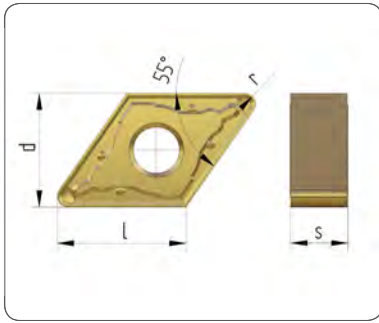
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01696 | DNMA 150616 | VK150 |
| PF04156 | DNMA 150616 | VK050 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DNMG 150608-6G



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 12,70 | 15,50 | 6,35 | 0,80 | 55 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| DNMG 442-6G | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,6102 | 0,2500 | 0,0314 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ● | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | | | ● |

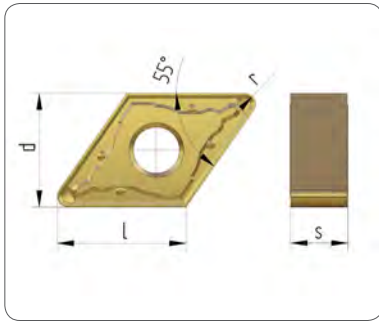
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04157 | DNMG 150608-6G | VP150 |
| PF00157 | DNMG 150608-6G | VP250 |
| PF03680 | DNMG 150608-6G | XH15 |
| PF01718 | DNMG 150608-6G | VK150 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DNMG 150612-6G



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 12,70 | 15,50 | 6,35 | 1.,20 | 55 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| DNMG 442-6G | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,6102 | 0,2500 | 0,0472 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP25 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | | | ● |

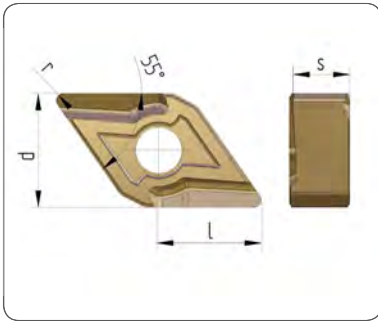
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04158 | DNMG 150608-6G | VP150 |
| PF00357 | DNMG 150608-6G | VP250 |
| PF03717 | DNMG 150608-6G | XH15 |
| PF01725 | DNMG 150608-6G | VK150 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DNMX 150604 L-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 12,70 | 15,50 | 6,35 | 0,40 | 55 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| DNMX 441 L-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,6102 | 0,2500 | 0,0157 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | | ● | | | ● |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04159 | DNMX 150604 L-M | VP150 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DNMX 150604 R-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 12,70 | 15,50 | 6,35 | 0,40 | 55 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| DNMX 441 R-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,6102 | 0,2500 | 0,0157 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | | ● | | | ● |

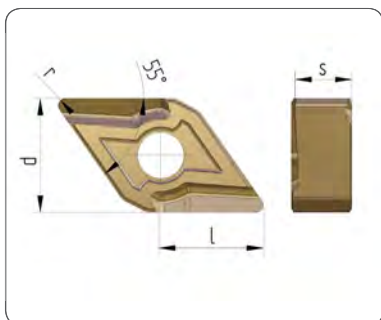
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04160 | DNMX 150604 R-M | VP150 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DNMX 150608 L-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 12,70 | 15,50 | 6,35 | 0,80 | 55 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| DNMX 442 L-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,6102 | 0,2500 | 0,0314 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |

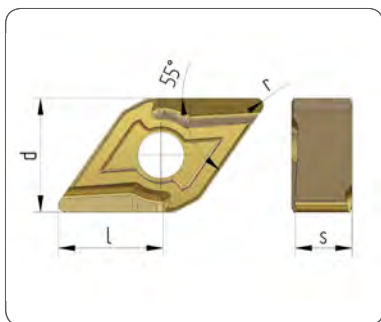
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04161 | DNMX 150608 L-M | VP150 |
| PF00113 | DNMX 150608 L-M | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

DNMX 150608 R-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 12,70 | 15,50 | 6,35 | 0,80 | 55 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| DNMX 442 R-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,6102 | 0,2500 | 0,0314 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |

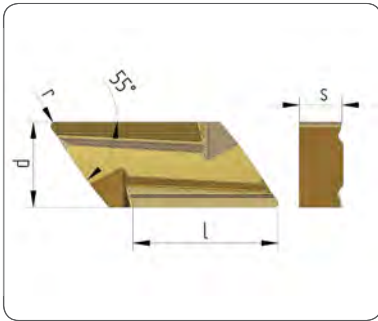
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00109 | DNMX 150608 R-M | VP150 |
| PF00108 | DNMX 150608 R-M | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

KNUX 160405 L11



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 19,72 | 4,76 | 0,50 | 55 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3748 | 0,7763 | 0,1874 | 0,0196 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | ● | | | ● | |

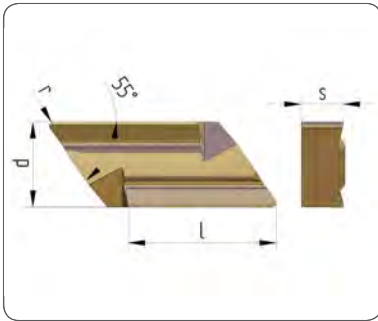
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00384 | KNUX 160405 L11 | VP250 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

KNUX 160405 L12



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 19,72 | 4,76 | 0,50 | 55 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3748 | 0,7763 | 0,1874 | 0,0196 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|--|
| | | P | M | K | N | S | H | F | M | S | P | N | |
| VP250 | ▶ | ● | | | | | | ● | | | | ● | |

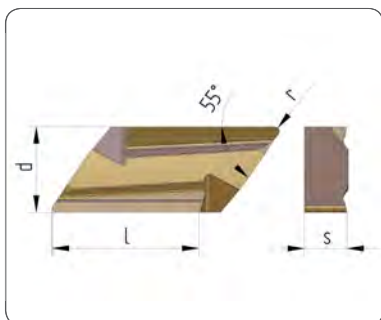
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01781 | KNUX 160405 L12 | VP250 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

KNUX 160405 R11



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 19,72 | 4,76 | 0,50 | 55 |

| ANSI | | | | | |
|------|--------|---------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3748 | 0,07763 | 0,1874 | 0,0196 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | ● | | | ● | |

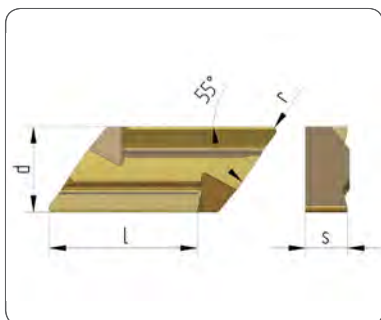
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01174 | KNUX 160405 R11 | VP150 |
| PF00385 | KNUX 160405 R11 | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

KNUX 160405 R12



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 19,72 | 4,76 | 0,50 | 55 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3748 | 0,7763 | 0,1874 | 0,0196 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | ● | | | ● | |

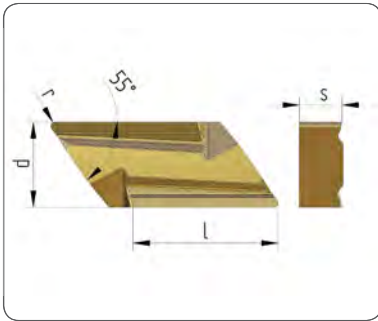
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04162 | KNUX 160405 R12 | VP150 |
| PF01782 | KNUX 160405 R12 | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

KNUX 160410 L11



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 19,72 | 4,76 | 1,00 | 55 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3748 | 0,7763 | 0,1874 | 0,0393 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | ● | | ● | |

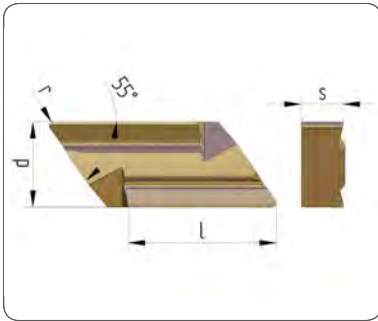
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01783 | KNUX 160410 L11 | VP250 |
| | | |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

KNUX 160410 L12



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 19,72 | 4,76 | 1,00 | 55 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3748 | 0,7763 | 0,1874 | 0,0393 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | ● | | ● | |

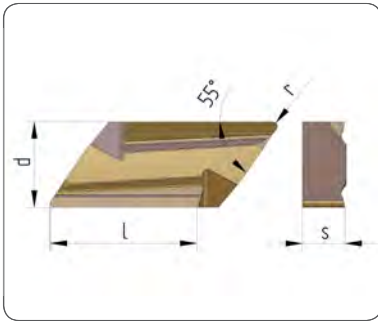
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01784 | KNUX 160410 L12 | VP250 |
| | | |
| | | |
| | | |

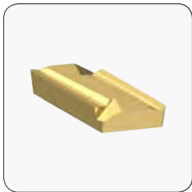
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

KNUX 160410 R11



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 19,72 | 4,76 | 1,00 | 55 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3748 | 0,7763 | 0,1874 | 0,0393 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | ● | ● | | ● | |

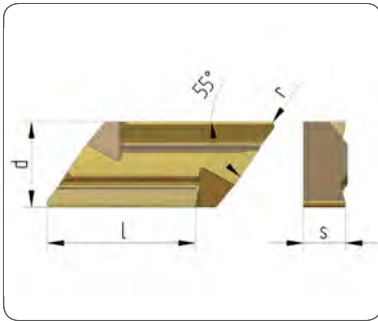
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00386 | KNUX 160410 R11 | VP250 |
| | | |
| | | |
| | | |

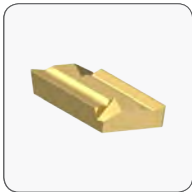
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

KNUX 160410 R12



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 19,72 | 4,76 | 1,00 | 55 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,3748 | 0,7763 | 0,1874 | 0,0393 | 55 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | ● | ● | | ● | |

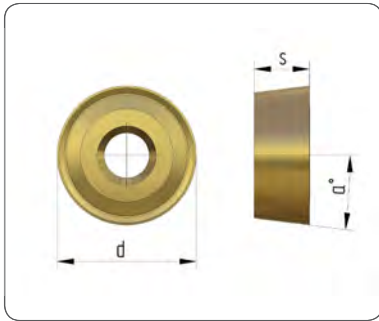
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01785 | KNUX 160410 R12 | VP250 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RCMT 1204MO S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 12 | 12,00 | - | 4,76 | - | 7 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,4724 | - | 0,1874 | - | 7 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | | ● | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | | ● | ● | |

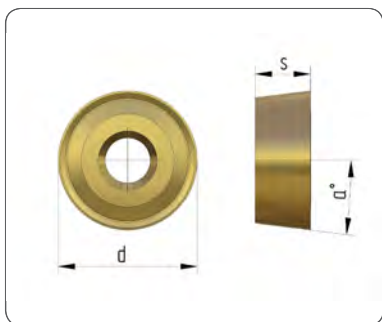
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01791 | RCMT 1204MO S | VP250 |
| PF01793 | RCMT 1204MO S | VK150 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RCMT 2006MO S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 20 | 20,00 | - | 6,35 | - | 7 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,7874 | - | 0,2500 | | 7 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | | ● | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | | ● | ● | |

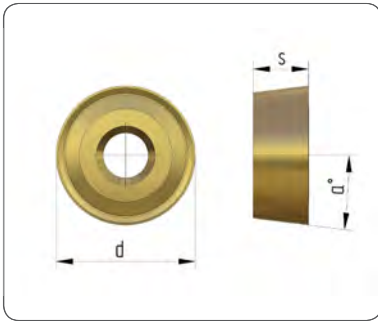
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01797 | RCMT 2006MO S | VP250 |
| PF01799 | RCMT 2006MO S | VK150 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RCMT 2507MO S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 25 | 25,00 | - | 7,90 | - | 7 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 0,9842 | - | 0,3110 | - | 7 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | | ● | ● | |

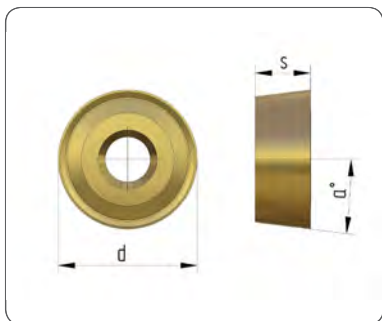
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01800 | RCMT 2507MO S | VP250 |
| PF01801 | RCMT 2507MO S | VK150 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

RCMT 3209MO S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 32 | 32,00 | - | 9,52 | - | 7 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| - | 1,2598 | - | 0,3748 | - | 7 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | | ● | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | | ● | ● | |

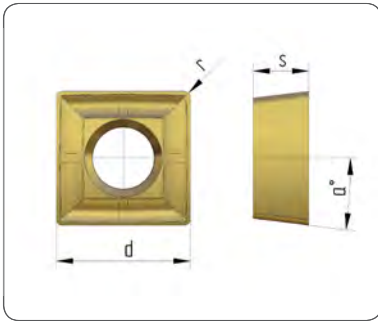
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01802 | RCMT 3209MO S | VP250 |
| PF01804 | RCMT 3209MO S | VK150 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SCMT 09T304



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 09 | 9,52 | 9,52 | 3,97 | 0,40 | 90 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| SCMT 32.51 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,3748 | 0,1563 | 0,0157 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

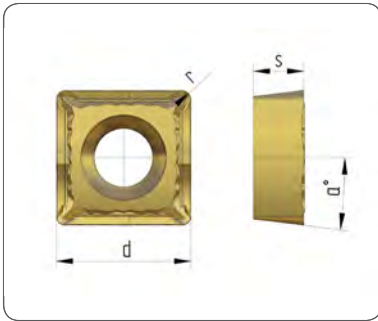
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03907 | SCMT 09T304 | VP150 |
| PF03908 | SCMT 09T304 | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SCMT 09T304-4D

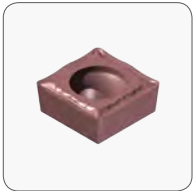


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 09 | 9,52 | 9,52 | 3,97 | 0,40 | 90 |

| ANSI | | | | | |
|---------------|--------|--------|--------|--------|----|
| SCMT 32.51-4D | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,3748 | 0,1563 | 0,0157 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

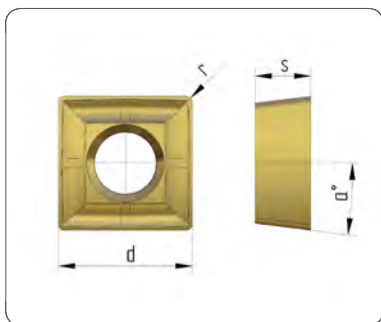
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03696 | SCMT 09T304-4D | VP150 |
| PF03677 | SCMT 09T304-4D | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SCMT 09T308



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 09 | 9,52 | 9,52 | 3,97 | 0,80 | 90 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| SCMT 32.52 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,3748 | 0,1563 | 0,0314 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

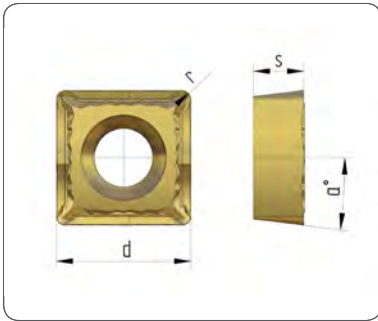
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04098 | SCMT 09T308 | VP150 |
| PF00388 | SCMT 09T308 | VP250 |
| PF04099 | SCMT 09T308 | XH15 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SCMT 09T308-4D



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 09 | 9,52 | 9,52 | 3,97 | 0,80 | 90 |

| ANSI | | | | | |
|---------------|--------|--------|--------|--------|----|
| SCMT 32.52-4D | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,3748 | 0,1563 | 0,0314 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

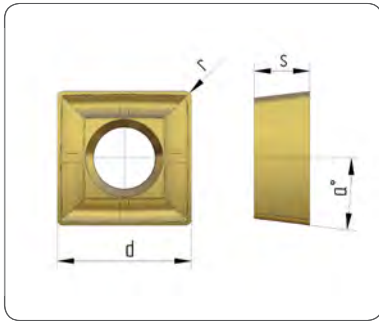
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04100 | SCMT 09T308-4D | VP150 |
| PF04101 | SCMT 09T308-4D | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SCMT 120408



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 0,80 | 90 |

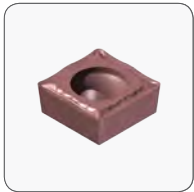
| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| SCMT 432 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0314 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

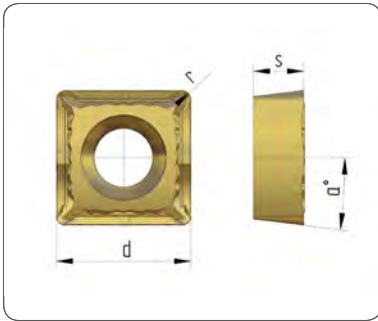
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04102 | SCMT 120408 | VP150 |
| PF00263 | SCMT 120408 | VP250 |
| PF04103 | SCMT 120408 | XH15 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SCMT 120408-4D



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 0,80 | 90 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| SCMT 432-4D | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0314 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

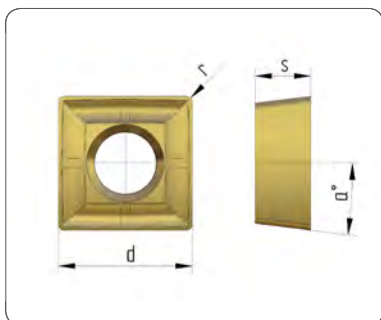
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03748 | SCMT 120408-4D | VP150 |
| PF04104 | SCMT 120408-4D | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SCMT 120412



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 1,20 | 90 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| SCMT 433 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0472 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

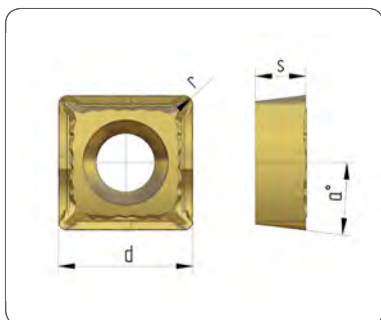
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04105 | SCMT 120412 | VP150 |
| PF01868 | SCMT 120412 | VP250 |
| PF04106 | SCMT 120412 | XH15 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SCMT 120412-4D



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 1,20 | 90 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| SCMT 433-4D | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0472 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | ● | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | ● | | | ● | |

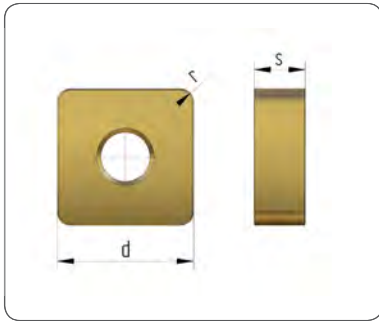
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00271 | SCMT 120412-4D | VP250 |
| PF04107 | SCMT 120412-4D | XH15 |
| | | |
| | | |

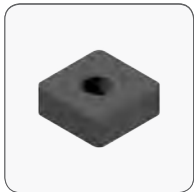
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMA 120408

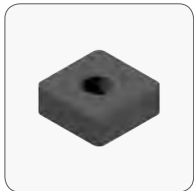


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 0,80 | 90 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| SNMA 432 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0314 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK050 | ▶ | | | ● | | | | | ● | | | ● |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00242 | SNMA 120408 | VK150 |
| PF00241 | SNMA 120408 | VK050 |
| | | |
| | | |

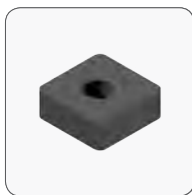
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMA 120412



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 1,20 | 90 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| SNMA 433 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0472 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK050 | ▶ | | | ● | | | | | ● | | | ● |

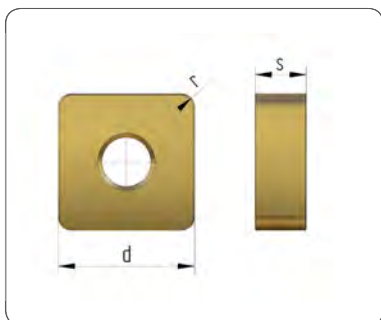
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00244 | SNMA 120412 | VK150 |
| PF00243 | SNMA 120412 | VK050 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMA 120416



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 1,60 | 90 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| SNMA 434 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0629 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK050 | ▶ | | | ● | | | | | ● | | | ● |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00246 | SNMA 120416 | VK150 |
| PF00254 | SNMA 120416 | VK050 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMG 120408-6G



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 0,80 | 90 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| SNMG 432 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0314 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | | | ● |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03722 | SNMG 120408-6G | VP150 |
| PF00361 | SNMG 120408-6G | VP250 |
| PF01981 | SNMG 120408-6G | VK150 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMG 120412-6G



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 1,20 | 90 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| SNMG 433-6G | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0472 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | | | ● |

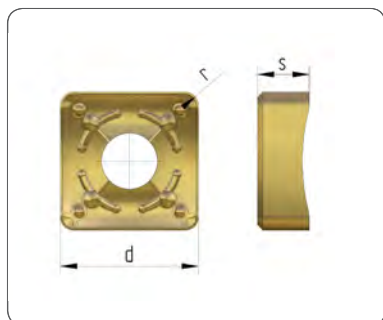
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03637 | SNMG 120412-6G | VP150 |
| PF00284 | SNMG 120412-6G | VP250 |
| PF01988 | SNMG 120412-6G | VK150 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMM 120408-8F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 0,80 | 90 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| SNMM 432-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0314 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | | | ● | | ● |
| | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | | ● | | ● |
| | | | | | | | | | | | | |

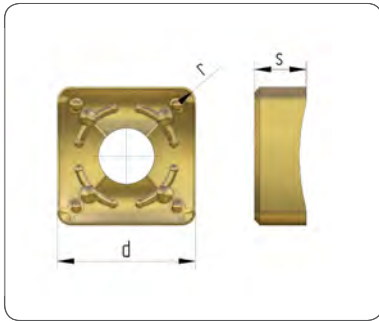
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03738 | SNMM 120408-8F | VP150 |
| PF02027 | SNMM 120408-8F | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMM 120412-8F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 12 | 12,70 | 12,70 | 4,76 | 1,20 | 90 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| SNMM 433-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,5000 | 0,1874 | 0,0472 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04163 | SNMM 120412-8F | VP150 |
| PF02030 | SNMM 120412-8F | VP250 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMM 150612-8F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 15 | 15,88 | 15,88 | 6,35 | 1,20 | 90 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| SNMM 543-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 5 | 0,6252 | 0,6252 | 0,2500 | 0,0472 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | | ● | | ● |

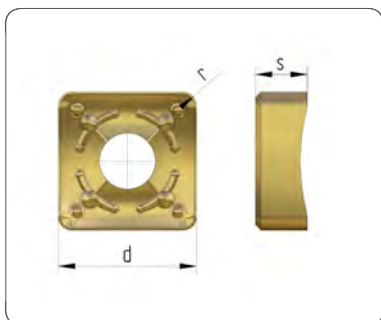
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04164 | SNMM 150612-8F | VP150 |
| PF02033 | SNMM 150612-8F | VP250 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMM 190616-8F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 19 | 19,05 | 19,05 | 6,35 | 1,60 | 90 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| SNMM 644-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 6 | 0,7500 | 0,7500 | 0,2500 | 0,0629 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | | | ● | | ● |
| | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | | ● | | ● |
| | | | | | | | | | | | | |

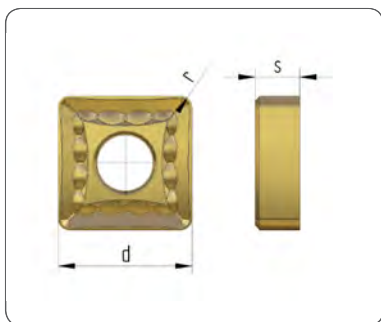
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04165 | SNMM 190616-8F | VP150 |
| PF00098 | SNMM 190616-8F | VP250 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMM 190616-VSX



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 19 | 19,05 | 19,05 | 6,35 | 1,60 | 90 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| SNMM 644-VSX | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 6 | 0,7500 | 0,7500 | 0,2500 | 0,0629 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VM2500 | ▶ | ○ | ● | | | ○ | | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | | ● | | ● |

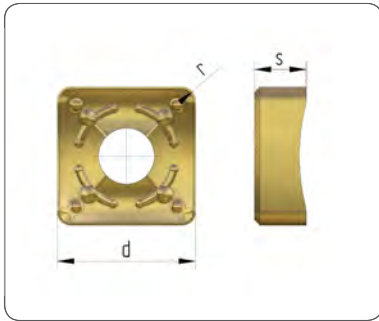
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03783 | SNMM 190616-VSX | VM2500 |
| PF04166 | SNMM 190616-VSX | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMM 190624-8F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 19 | 19,05 | 19,05 | 6,35 | 2,40 | 90 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| SNMM 646-8F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 6 | 0,7500 | 0,7500 | 0,2500 | 0,0944 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | | | ● | | ● |
| | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | | ● | | ● |
| | | | | | | | | | | | | |

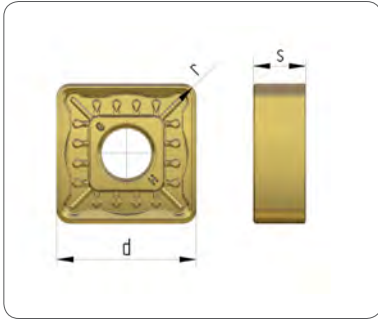
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00099 | SNMM 190624-8F | VP150 |
| PF02041 | SNMM 190624-8 | VP250 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMM 250724-9GH



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 25 | 25,40 | 25,40 | 7,94 | 2,40 | 90 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| SNMM 856-9GH | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 8 | 1,000 | 1,000 | 0,3126 | 0,0944 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | | ● | | ● |

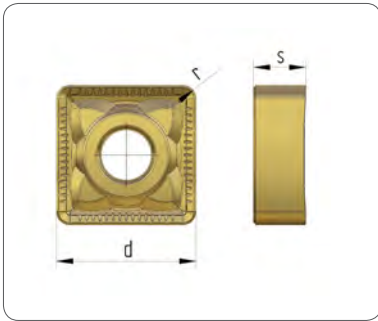
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF02056 | SNMM 250724-9GH | VP250 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMM 250724-HR1



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 25 | 25,40 | 25,40 | 7,94 | 2,40 | 90 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| SNMM 856-HR1 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 8 | 1,000 | 1,000 | 0,3126 | 0,0944 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | | ● | | ● |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF02053 | SNMM 250724-HR1 | VP250 |
| | | |
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| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMM 250924-9GH



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 25 | 25,40 | 25,40 | 9,52 | 2,40 | 90 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| SNMM 866-9GH | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 8 | 1,000 | 1,000 | 0,3748 | 0,0944 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |

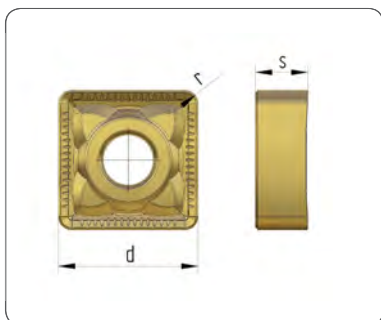
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00153 | SNMM 250924-9GH | VP150 |
| PF00169 | SNMM 250924-9GH | VP250 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SNMM 250924-HR1



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 25 | 25,40 | 25,40 | 9,52 | 2,40 | 90 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| SNMM 866-HR1 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 8 | 1,000 | 1,000 | 0,3748 | 0,0944 | 90 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | ○ | | | ○ | | | ● | | ● |
| | | | | | | | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | | ● | | ● |
| | | | | | | | | | | | | |

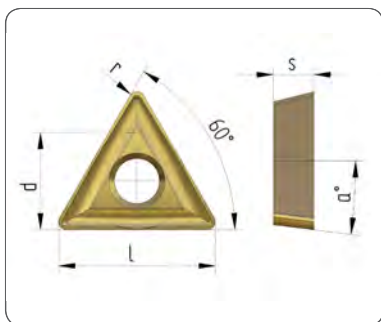
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00154 | SNMM 250924-HR1 | VP150 |
| PF00170 | SNMM 250924-HR1 | VP250 |
| | | |
| | | |

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| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TCMT 110204

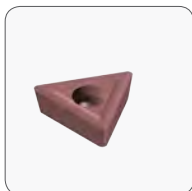


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 11 | 6,35 | 11,00 | 2,38 | 0,40 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TCMT 21.52 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 2 | 0,2500 | 0,4330 | 0,0937 | 0,0157 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

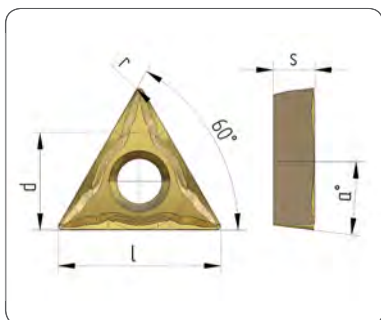
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03429 | TCMT 110204 | VP150 |
| PF03428 | TCMT 110204 | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TCMT 110204-4D



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 11 | 6,35 | 11,00 | 2,38 | 0,40 | 60 |

| ANSI | | | | | |
|---------------|--------|--------|--------|--------|----|
| TCMT 21.51-4D | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 2 | 0,2500 | 0,4330 | 0,0937 | 0,0157 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

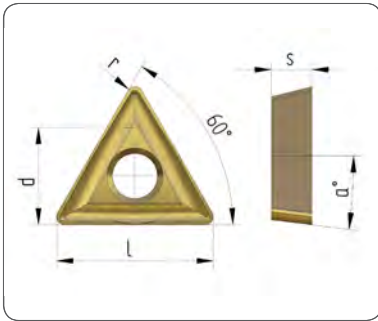
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00237 | TCMT 110204-4D | VP150 |
| PF04108 | TCMT 110204-4D | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TCMT 16T304



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 3,97 | 0,40 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TCMT 32.51 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1563 | 0,0157 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP150 | ▶ | ● | | | | | | ● | ● | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | | | ● | ○ | ● | | | ● | |

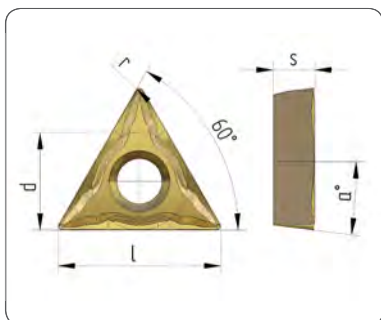
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04109 | TCMT 16T304 | VP150 |
| PF03438 | TCMT 16T304 | XH15 |
| | | |
| | | |

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| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TCMT 16T304-4D



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 16 | 9,52 | 16,50 | 3,97 | 0,40 | 60 |

| ANSI | | | | | |
|---------------|--------|--------|--------|--------|----|
| TCMT 32.51-4D | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| 3 | 0,3748 | 0,6496 | 0,1563 | 0,0157 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | ● | ● | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

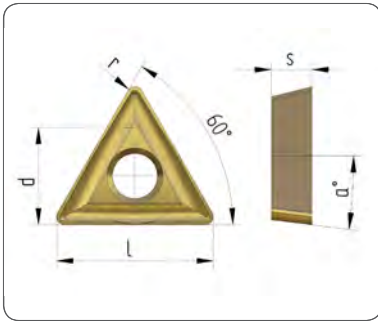
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04110 | TCMT 16T304-4D | VP150 |
| PF03728 | TCMT 16T304-4D | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TCMT 16T308



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 3,97 | 0,80 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TCMT 32.52 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1563 | 0,0314 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | ● | ● | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

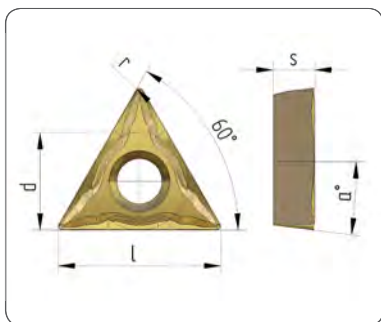
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04111 | TCMT 16T308 | VP150 |
| PF04112 | TCMT 16T308 | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TCMT 16T308-4D



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| 16 | 9,52 | 16,50 | 3,97 | 0,80 | 60 |

| ANSI | | | | | |
|---------------|--------|--------|--------|--------|----|
| TCMT 32.52-4D | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| 3 | 0,3748 | 0,6496 | 0,1563 | 0,0314 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

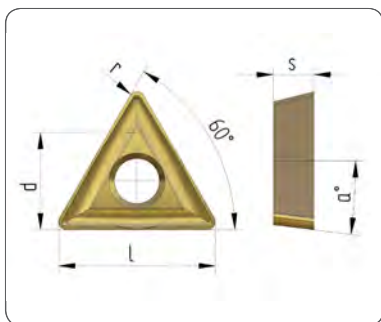
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00238 | TCMT 16T308-4D | VP150 |
| PF04113 | TCMT 16T308-4D | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TCMT 220408



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 22 | - | - | 4,76 | 0,80 | 60 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| TCMT 432 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | - | - | 0,1874 | 0,0314 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

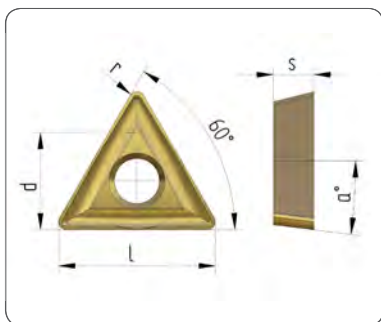
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04114 | TCMT 220408 | VP150 |
| PF04115 | TCMT 220408 | XH15 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TCMT 220412



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 22 | - | - | 4,76 | 1,20 | 60 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| TCMT 433 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | - | - | 0,1874 | 0,0472 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

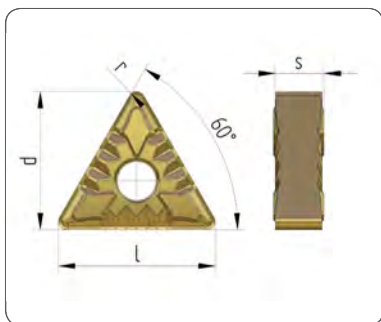
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04116 | TCMT 220412 | VP150 |
| PF04117 | TCMT 220412 | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TNMG 160404-F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 4,76 | 0,40 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TNMG 331-F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1874 | 0,0157 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | ● | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | | ● |

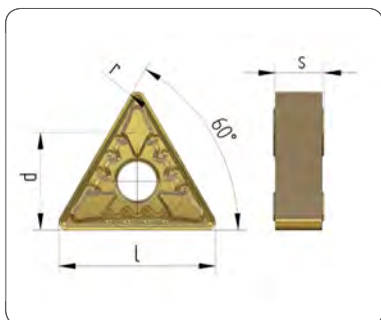
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03945 | TNMG 160404-F | VP150 |
| PF03950 | TNMG 160404-F | VP250 |
| PF03944 | TNMG 160404-F | XH15 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TNMG 160404-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 4,76 | 0,40 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TNMG 331-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1874 | 0,0157 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | ● | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |

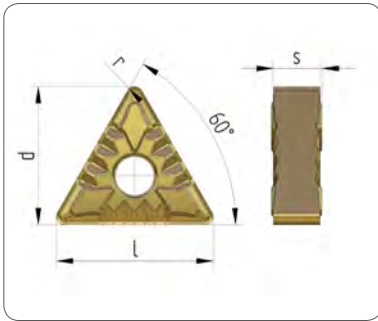
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03949 | TNMG 160404-M | VP150 |
| PF04118 | TNMG 160404-M | VP250 |
| PF03948 | TNMG 160404-M | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TNMG 160408-F



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 4,76 | 0,80 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TNMG 332-F | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1874 | 0,0314 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | ● | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | | | ● |

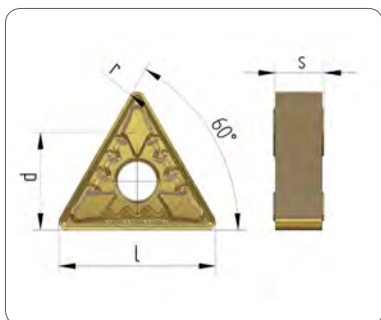
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03947 | TNMG 160408-F | VP150 |
| PF03946 | TNMG 160408-F | XH15 |
| PF04167 | TNMG 160408-F | VM2500 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TNMG 160408-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 4,76 | 0,80 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TNMG 332-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1874 | 0,0314 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | | | ● |

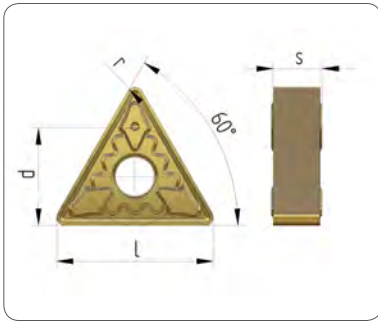
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03933 | TNMG 160408-M | VP150 |
| PF03934 | TNMG 160408-M | VP250 |
| PF03932 | TNMG 160408-M | XH15 |
| PF03935 | TNMG 160408-M | VM2500 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TNMG 160408-S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 4,76 | 0,80 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TNMG 332-S | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1874 | 0,0314 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | | ● | | ● |

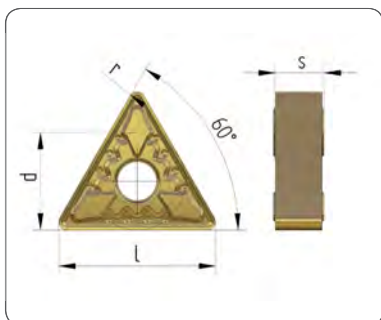
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03928 | TNMG 160408-S | VP150 |
| PF03929 | TNMG 160408-S | VP250 |
| PF03921 | TNMG 160408-S | VK150 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TNMG 160412-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 4,76 | 1,20 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TNMG 333-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1874 | 0,0472 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | | | ● |

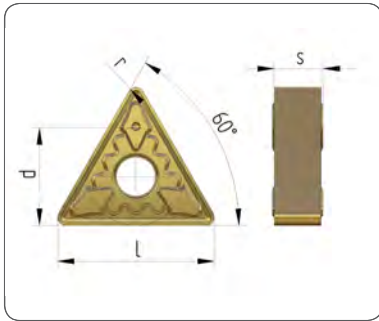
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03938 | TNMG 160412-M | VP150 |
| PF03939 | TNMG 160412-M | VP250 |
| PF03937 | TNMG 160412-M | XH15 |
| PF03940 | TNMG 160412-M | VM2500 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TNMG 160412-S



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 4,76 | 1,20 | 60 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| TNMG 333 -S | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1874 | 0,0472 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | | ● | | ● |

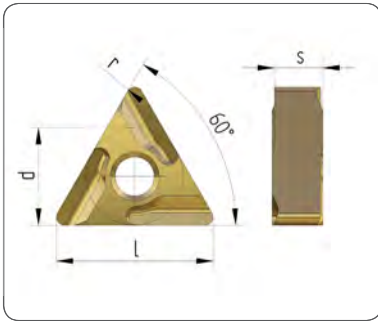
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03926 | TNMG 160412-S | VP150 |
| PF03927 | TNMG 160412-S | VP250 |
| PF03922 | TNMG 160412-S | VK150 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TNMX 160408 L



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 4,76 | 0,80 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TNMG 332 L | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1874 | 0,0314 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | | | ● |

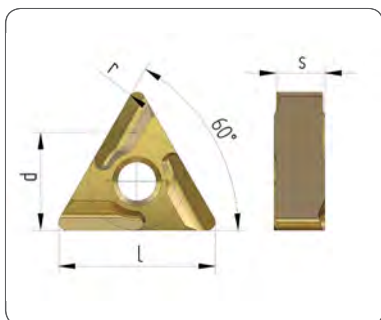
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF02430 | TNMX 160408 L | VP250 |
| PF04120 | TNMX 160408 L | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

TNMX 160408 R

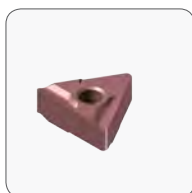


| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,50 | 4,76 | 0,80 | 60 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| TNMG 332 R | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6496 | 0,1874 | 0,0314 | 60 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VP250 | ▶ | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | | | ● |

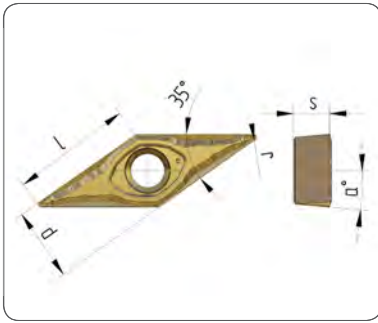
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF02433 | TNMX 160408 R | VP250 |
| PF04121 | TNMX 160408 R | XH15 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

VBMT 160404-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,60 | 4,76 | 0,40 | 35 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| VBMT 331-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6535 | 0,1874 | 0,0157 | 35 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | | | ● | |

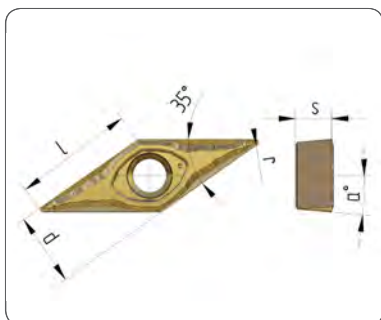
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00277 | VBMT 160404-M | VP150 |
| PF00159 | VBMT 160404-M | VP250 |
| PF03433 | VBMT 160404-M | XH15 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

VBMT 160408-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,60 | 4,76 | 0,80 | 35 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| VBMT 332-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6535 | 0,1874 | 0,0314 | 35 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | ● | ● | | ● | |

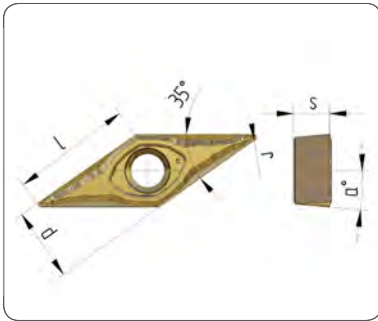
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00279 | VBMT 160408-M | VP150 |
| PF00280 | VBMT 160408-M | VP250 |
| PF03439 | VBMT 160408-M | XH15 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

VBMT 160412-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 16 | 9,52 | 16,60 | 4,76 | 1,20 | 35 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| VBMT 333-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,3748 | 0,6535 | 0,1874 | 0,4724 | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | ● | |

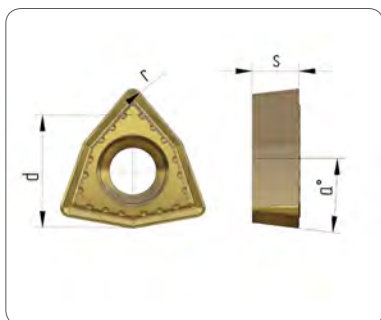
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF02669 | VBMT 160412-M | VP150 |
| PF02670 | VBMT 160412-M | VP250 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WCMT 050308



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| | | | | | |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XT15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | ● | | | | | | |

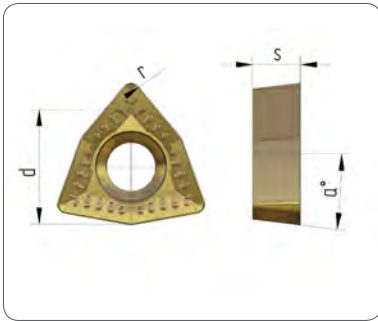
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00036 | WCMT 050308 | VP300 |
| PF00037 | WCMT 050308 | XH15 |
| PF00038 | WCMT 050308 | XM20 |
| PF00039 | WCMT 050308 | XT15 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WCMT 050308-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| | | | | | |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|--|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. | |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | | | | | | | |

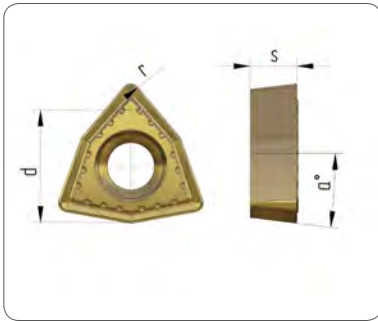
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03445 | WCMT 050308-M | XH15 |
| | | |
| | | |
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| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WCMT 06T308



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| | | | | | |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| VP300 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | | | | | | | ● | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ● | ● | ○ | | ● | ○ | | ● | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XM20 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | ○ | ● | | | ○ | ○ | | ● | | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| XT15 | ▶ | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| | | | | ● | | | | | ● | | | | | | |

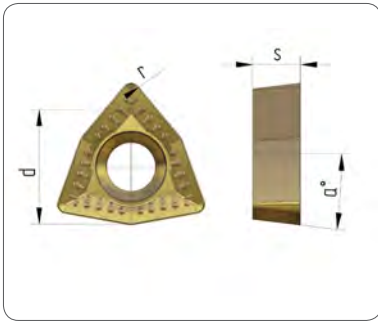
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00040 | WCMT 06T308 | VP300 |
| PF00041 | WCMT 06T308 | XH15 |
| PF00042 | WCMT 06T308 | XM20 |
| PF00043 | WCMT 06T308 | XT15 |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WCMT 06T308-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | α° |
| | | | | | |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (in) | l (in) | s (in) | r (in) | α° |
| | | | | | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|-----|-----|------|----|----|
| | | P | M | K | N | S | H | F | M | S | 90° | 45° | H.F. | R. | T. |
| XH15 | ▶ | ● | ● | ○ | | ● | ○ | | ● | | | | | | |

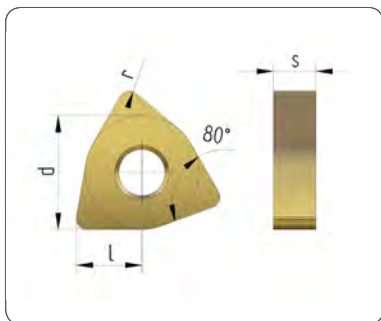
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03447 | WCMT 06T308-M | XH15 |
| | | |
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| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WNMA 080412



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 08 | 12,70 | 8,70 | 4,76 | 1,20 | 80 |

| ANSI | | | | | |
|----------|--------|--------|--------|--------|----|
| WNMA 433 | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,3432 | 0,1874 | 0,0472 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK150 | ▶ | | | ● | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| | | P | M | K | N | S | H | F | M | S | P | N |
| VK050 | ▶ | | | ● | | | | | ● | ● | | ● |

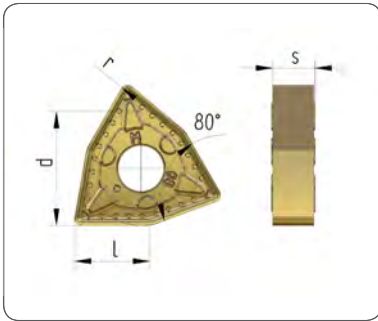
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03919 | WNMA 080412 | VK150 |
| PF03918 | WNMA 080412 | VK050 |
| | | |
| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WNMG 080404-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 08 | 12,70 | 8,70 | 4,76 | 0,40 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| WNMG 431-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 4 | 0,5000 | 0,3432 | 0,1874 | 0,0157 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |

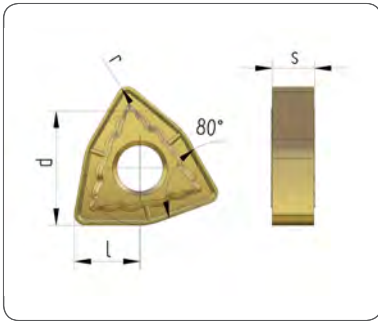
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03686 | WNMG 080404-M | VP150 |
| PF03687 | WNMG 080404-M | VP250 |
| PF03733 | WNMG 080404-M | XH15 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WNMG 080408-6G



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 08 | 12,70 | 8,70 | 4,76 | 0,80 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| WNMG 432-6G | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,5000 | 0,3432 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | | | ● |

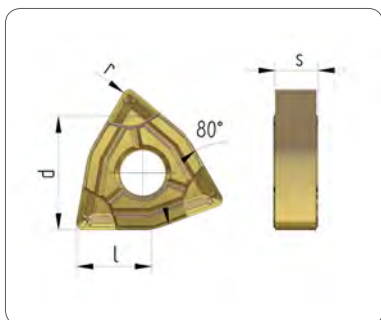
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03689 | WNMG 080408-6G | VP150 |
| PF00313 | WNMG 080408-6G | VP250 |
| PF00105 | WNMG 080408-6G | VK150 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WNMG 080408-F5M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 08 | 12,70 | 8,70 | 4,76 | 0,80 | 80 |

| ANSI | | | | | |
|--------------|--------|--------|--------|--------|----|
| WNMG 432-F5M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,5000 | 0,3432 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VM2500 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ○ | ● | | | ○ | | | ● | | | ● |

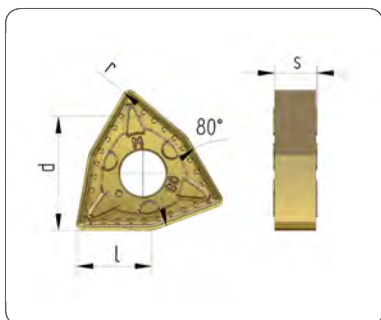
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF04119 | WNMG 080408-F5M | XH15 |
| PF04168 | WNMG 080408-F5M | VM2500 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WNMG 080408-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 08 | 12,70 | 8,70 | 4,76 | 0,80 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| WNMG 432-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,5000 | 0,3432 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | ● | | ● |

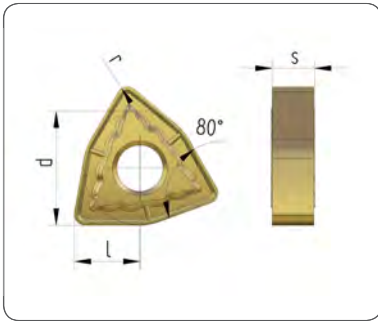
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03623 | WNMG 080408-M | VP150 |
| PF03624 | WNMG 080408-M | VP250 |
| PF03626 | WNMG 080408-M | XH15 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WNMG 080412-6G



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 08 | 12,70 | 8,70 | 4,76 | 1,20 | 80 |

| ANSI | | | | | |
|-------------|--------|--------|--------|--------|----|
| WNMG 433-6G | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,5000 | 0,3432 | 0,1874 | 0,0314 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | ● | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VK150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | | | ● | | | | | ● | ● | | ● |

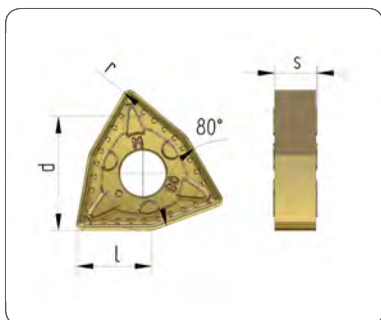
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03690 | WNMG 080412-6G | VP150 |
| PF00315 | WNMG 080412-6G | VP250 |
| PF00106 | WNMG 080412-6G | VK150 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

WNMG 080412-M



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| 08 | 12,70 | 8,70 | 4,76 | 1,20 | 80 |

| ANSI | | | | | |
|------------|--------|--------|--------|--------|----|
| WNMG 433-M | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| 3 | 0,5000 | 0,3432 | 0,1874 | 0,0472 | 80 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP150 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | ○ | | | ○ | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| VP250 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | | | | | | | ● | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|---|---|
| XH15 | ▶ | P | M | K | N | S | H | F | M | S | P | N |
| | | ● | ● | ○ | | ● | ○ | | ● | | | ● |

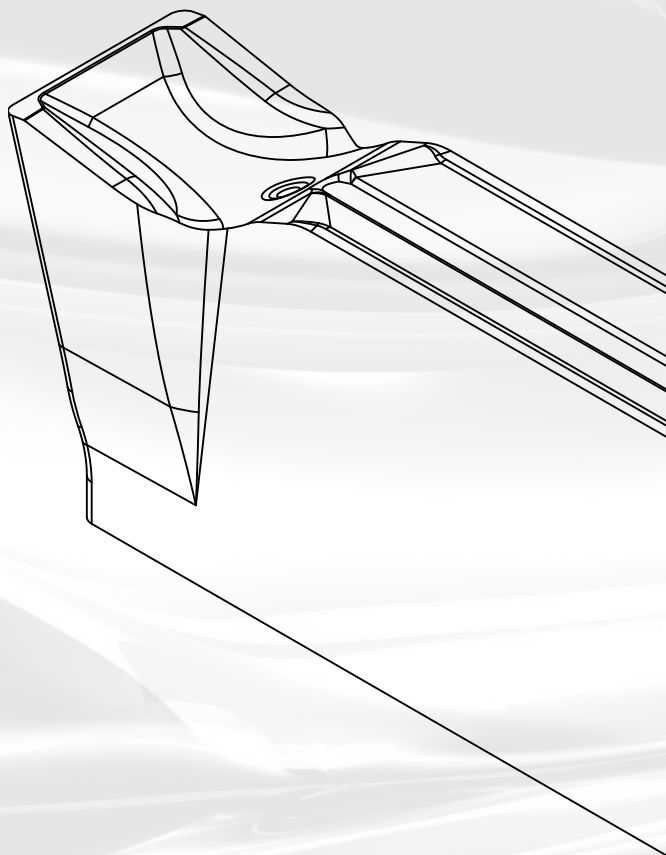
CODICI DI ORDINAZIONE

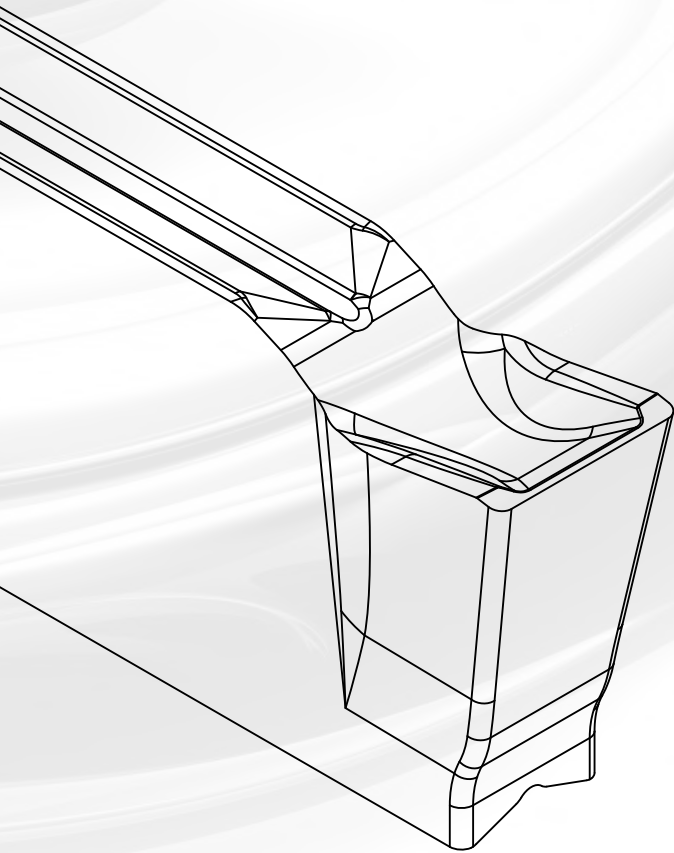
How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03688 | WNMG 080412-M | VP150 |
| PF03676 | WNMG 080412-M | VP250 |
| PF03735 | WNMG 080412-M | XH15 |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

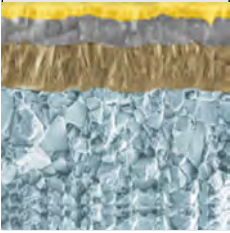
TRONCATURA





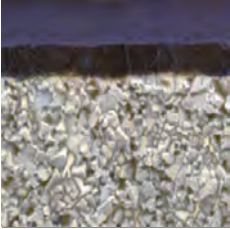
PARTING

| Classe | Materiale | ISO | Basso | ⇐ Sviluppo di calore ⇒ | Alto | ISO | Proprietà |
|----------|---|-----|-------|------------------------|-------|-----|---|
| Class | Material | ISO | Low | ⇐ Heat development ⇒ | High | ISO | Property |
| P | Acciaio Steel | 10 | | | | 10 | Resistenza all'usura Wear resistance |
| | | 20 | | | | 20 | ↑ |
| | | 30 | | XB200 | | 30 | ↑ |
| | | 40 | | | VB350 | 40 | ↓ |
| | | 50 | | | | 50 | Tenacità Toughness |
| M | Acciaio Inox Stainless Steel | 10 | | | | 10 | Resistenza all'usura Wear resistance |
| | | 20 | | | | 20 | ↑ |
| | | 30 | | XB200 | | 30 | ↑ |
| | | 40 | | | | 40 | Tenacità Toughness |
| K | Chisa Cast Iron | 10 | | | | 10 | Resistenza all'usura Wear resistance |
| | | 20 | | | | 20 | ↑ |
| | | 30 | | | XB200 | 30 | ↑ |
| | | 40 | | | | 40 | Tenacità Toughness |
| N | Materiali non ferrosi Non ferrous materials | 10 | | | | 10 | Resistenza all'usura Wear resistance |
| | | 20 | | | | 20 | ↑ |
| | | 30 | | | | 30 | Tenacità Toughness |
| S | Materiali resistenti al calore Superleghe Heat resistant materials Superalloys | 10 | | | | 10 | Resistenza all'usura Wear resistance |
| | | 20 | | | XB200 | 20 | ↑ |
| | | 30 | | | | 30 | ↑ |
| | | 40 | | | | 40 | Tenacità Toughness |
| H | Materiali temprati Hardened Materials | 10 | | | | 10 | Resistenza all'usura Wear resistance |
| | | 20 | | | XB200 | 20 | ↑ |
| | | 30 | | | | 30 | Tenacità Toughness |

VB350

Grado ricoperto MT-CVD ottimo per lavorazioni di troncatura quando è richiesta notevole tenacità. Utilizzato a velocità di taglio medio-basse garantisce ottima resa anche in condizioni di taglio interrotto.

MT-CVD coated grade suitable for parting processing whenever considerable toughness is required. Used in low to medium cutting speed ensures excellent performance even in interrupted cutting.

XB200

Grado ricoperto PVD TiAlN ottimo per lavorazioni di filettatura a basse velocità di taglio medio. Questo grado è stato progettato per la lavorazione di leghe resistenti al calore, acciaio inossidabile austenitico, leghe dure e acciai al carbonio. Adatto anche con taglio interrotto e in condizioni di lavoro sfavorevoli.

TiAlN PVD coated grade for good of threading at low cutting speed average. This degree is designed for the machining of heat resistant alloys, austenitic stainless steel, hard alloys and steels Carbon. Even with suitable cutting Interrupted and unfavorable working conditions.

| GRADO Grade | CAT. Cat. | CLASSE ISO Class | | | | | | ISO | | | APPLICAZIONE Applications | | | ● ○ | ECCELLENTE Excellent ADATTO Suitable |
|----------------|--------------|---------------------|---|---|---|---|---|-----|---|---|------------------------------|--|--|--------|---|
| | | P | M | K | N | S | H | F | M | S | | | | | |
| VB350 | ▶ | ● | | ○ | | | ○ | ● | | | | | | | |

| | |
|----------------|---|
| GRADO Grade | GRADO DI RICOPERTURA DELL'INSERTO Insert grade |
|----------------|---|

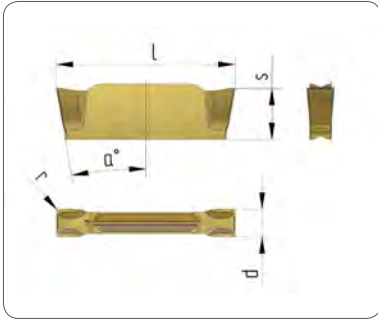
| | | |
|-----------------------|---|---|
| CATEGORIA Category | ▶ | PRODOTTO SEMPRE DISPONIBILE Product always available |
| | ▶ | PRODOTTO DISPONIBILE / 4 SETTIMANE DI CONSEGNA Product available / 4 week to delivery |
| | ▶ | PRODOTTO SU ORDNAZIONE / 8 SETTIMANE DI CONSEGNA Product available on order / 8 week to delivery |
| | ▶ | LOTTO MINIMO RICHIESTO Product minimum required |

| | | |
|-------------------------|---|---------------------------------|
| CLASSE ISO Iso Class | P | ACCIAIO Steel |
| | M | ACCIAIO INOX Stainless steel |
| | K | GHISA Cast iron |
| | N | NON FERROSI Non ferrous |
| | S | SUPERLEGHE Superalloys |
| | H | TEMPRATI Hard metal |

| | | |
|------------------------------|---|-------------------------|
| APPLICAZIONE Applications | F | FINITURA Finishing |
| | M | MEDIA Medium |
| | S | SGROSSATURA Roughing |

17

DGN 3102-C



| ISO | | | | | |
|------|--------|--------|--------|--------|----|
| Dim. | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| - | 3,10 | 20,00 | 5,70 | 0,20 | 10 |

| ANSI | | | | | |
|------|--------|--------|--------|--------|----|
| / | | | | | |
| Dim. | d (in) | l (in) | s (in) | r (in) | a° |
| - | 0,1220 | 0,7874 | 0,2244 | 0,0078 | 10 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| XB200 | ▶ | ● | ● | ○ | | ● | ● | | ● | |

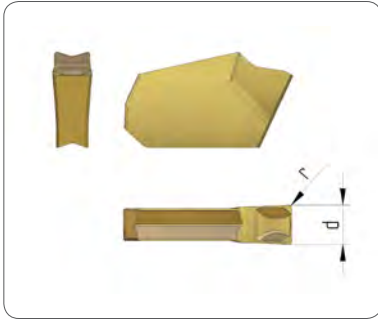
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF03363 | DGN 3102-C | XB200 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 20EN



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 2,20 | 0,20 | 7 | 0 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,0866 | 0,0078 | 7 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| VB350 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | | | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| XB200 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | ● | ○ | | ● | ● | | ● | |

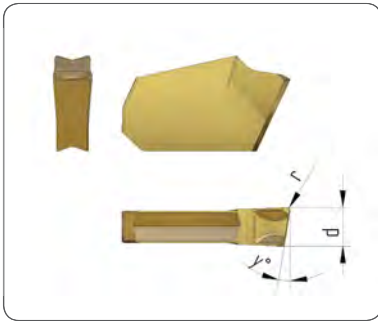
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00495 | GCMX 20EN | VB350 |
| PF03674 | GCMX 20EN | XB200 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 20EL 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 2,20 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,0866 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01745 | GCMX 20EL 4 | VB350 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 20EL 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 2,20 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,0866 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

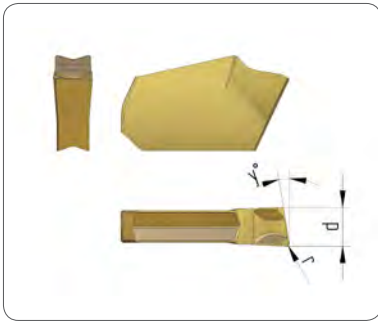
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00494 | GCMX 20EL 8 | VB350 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 20ER 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 2,20 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,0866 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

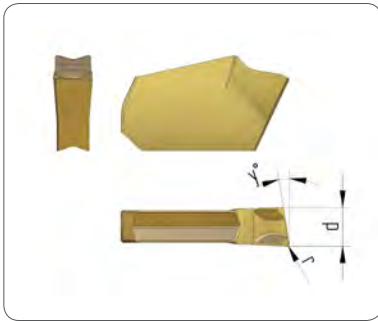
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01746 | GCMX 20ER 4 | VB350 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 20ER 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 2,20 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,0866 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

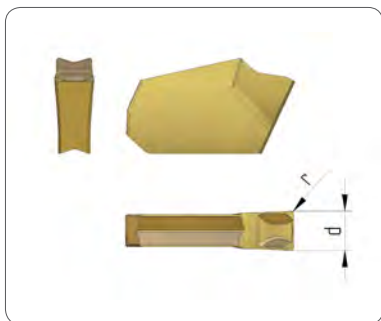
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00496 | GCMX 20ER 8 | VB350 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 30EN



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 3,10 | 0,20 | 7 | 0 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,1220 | 0,0078 | 7 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| VB350 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | | | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| XB200 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | ● | ○ | | ● | ● | | ● | |

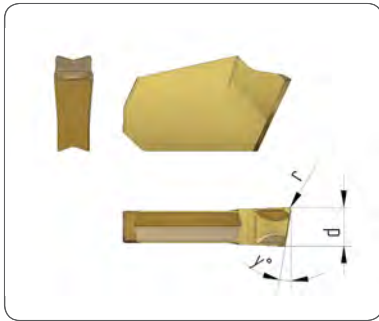
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00498 | GCMX 30EN | VB350 |
| PF00438 | GCMX 30EN | XB200 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 30EL 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 3,10 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,1220 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01747 | GCMX 30EL 4 | VB350 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 30EL 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 3,10 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,1220 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00497 | GCMX 30EL 8 | VB350 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 30ER 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 3,10 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,1220 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

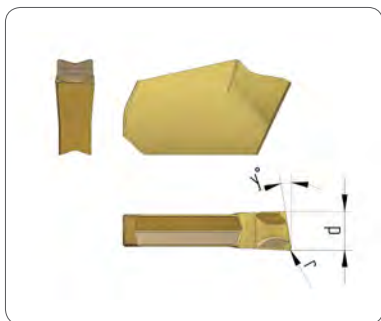
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01749 | GCMX 30ER 4 | VB350 |
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| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 30ER 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 3,10 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,1220 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

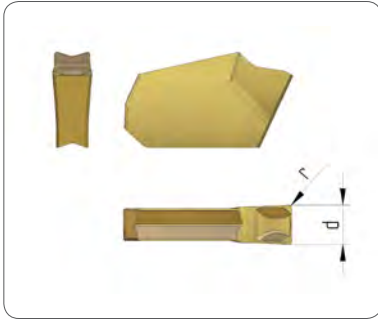
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00499 | GCMX 30ER 8 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 40EN



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 4,10 | 0,20 | 7 | 0 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,1614 | 0,0078 | 7 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| VB350 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | | | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| XB200 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | ● | ○ | | ● | ● | | ● | |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00502 | GCMX 40EN | VB350 |
| PF00439 | GCMX 40EN | XB200 |
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| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 40EL 4



| ISO | | | |
|--------|--------|----------------|----------------|
| l (mm) | r (mm) | α° | γ° |
| 4,10 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----------------|----------------|
| / | | | |
| l (in) | r (in) | α° | γ° |
| 0,1614 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

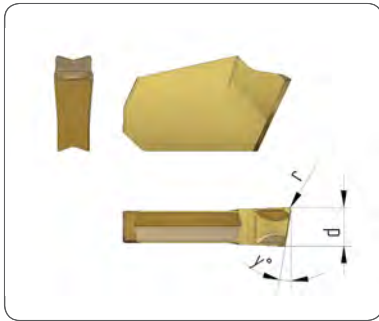
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01750 | GCMX 40EL 4 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 40EL 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 4,10 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,1614 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

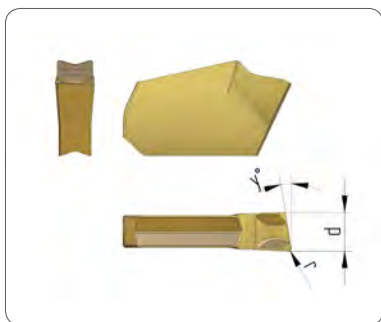
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00500 | GCMX 40EL 8 | VB350 |
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| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 40ER 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 4,10 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,1614 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

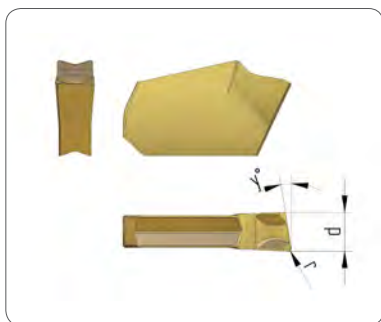
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01752 | GCMX 40ER 4 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 40ER 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 4,10 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| l (in) | r (in) | a° | y° |
| 0,1614 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

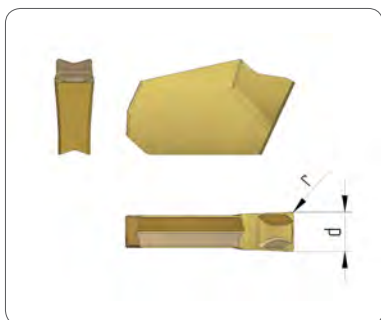
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00503 | GCMX 40ER 8 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 50EN



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 5,10 | 0,20 | 7 | 0 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2007 | 0,0078 | 7 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| VB350 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | | | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| XB200 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | ● | ○ | | ● | ● | | ● | |

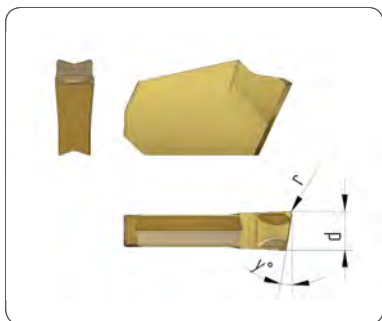
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00136 | GCMX 50EN | VB350 |
| PF01755 | GCMX 50EN | XB200 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 50EL 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 5,10 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2007 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

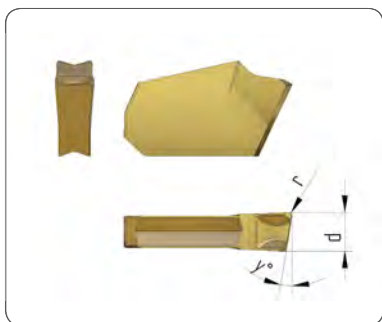
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01753 | GCMX 50EL 4 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 50EL 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 5,10 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2007 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

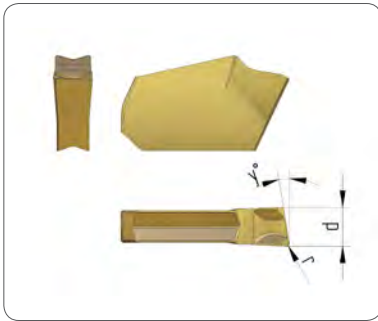
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01754 | GCMX 50EL 8 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 50ER 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 5,10 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2007 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

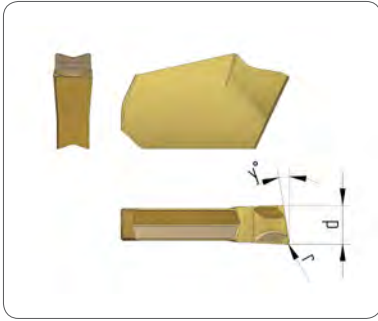
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01756 | GCMX 50ER 4 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 50ER 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 5,10 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2007 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

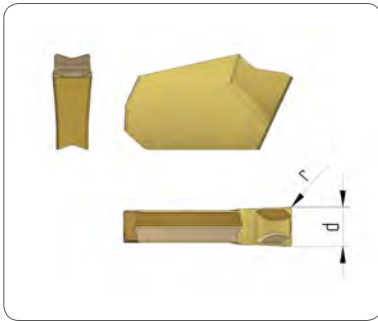
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01757 | GCMX 50ER 8 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 60EN



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 6,40 | 0,20 | 7 | 0 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2519 | 0,0078 | 7 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| VB350 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | | | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| XB200 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | ● | ○ | | ● | ● | | ● | |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00504 | GCMX 60EN | VB350 |
| PF01760 | GCMX 60EN | XB200 |
| | | |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 60EL 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 6,40 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2519 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

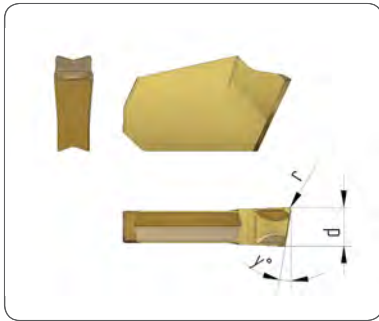
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01758 | GCMX 60EL 4 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 60EL 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 6,40 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2519 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

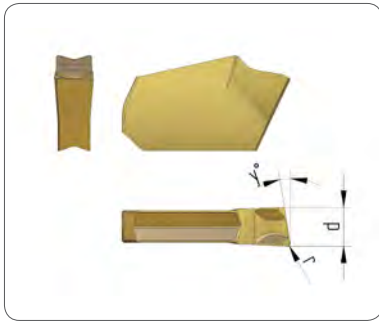
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01759 | GCMX 60EL 8 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 60ER 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 6,40 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2519 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

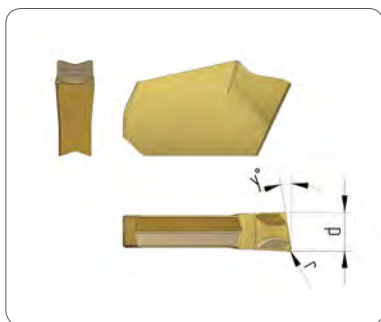
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01761 | GCMX 60ER 4 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 60ER 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 6,40 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2519 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

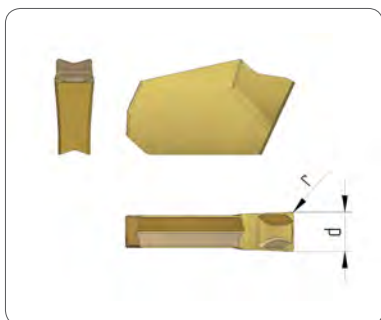
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01762 | GCMX 60ER 8 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 80EN



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 8,00 | 0,20 | 7 | 0 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,3149 | 0,0078 | 7 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| VB350 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | | | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| XB200 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | ● | ○ | | ● | ● | | ● | |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00505 | GCMX 80EN | VB350 |
| PF01765 | GCMX 80EN | XB200 |
| | | |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 80EL 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 6,40 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,2519 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

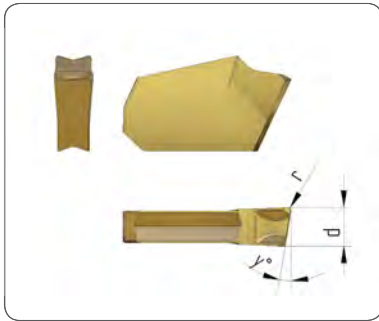
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01763 | GCMX 80EL 4 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 80EL 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 8,00 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,3149 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

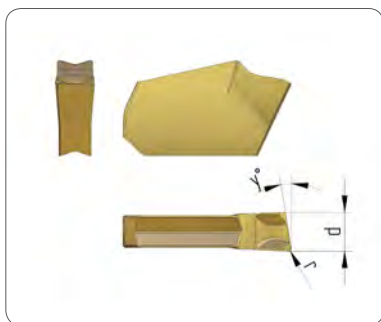
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01764 | GCMX 80EL 8 | VB350 |
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| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 80ER 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 8,00 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,3149 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

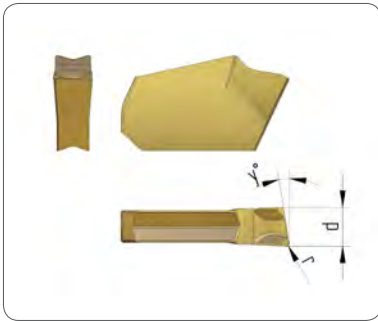
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01766 | GCMX 80ER 4 | VB350 |
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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 80ER 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 8,00 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,3149 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

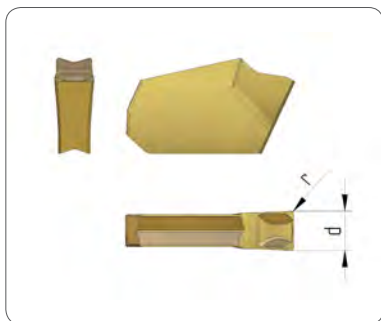
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01767 | GCMX 80ER 8 | VB350 |
| | | |
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| | | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 90EN



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 9,60 | 0,20 | 7 | 0 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,3779 | 0,0078 | 7 | 0 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| VB350 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | | | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| XB200 | ▶ | P | M | K | N | S | H | F | M | S |
| | | ● | ● | ○ | | ● | ● | | ● | |

CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF00506 | GCMX 90EN | VB350 |
| PF01770 | GCMX 90EN | XB200 |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 90EL 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 9,60 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,3779 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

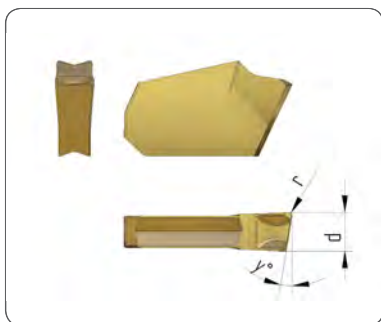
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01768 | GCMX 90EL 4 | VB350 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 90EL 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 9,60 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,3779 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

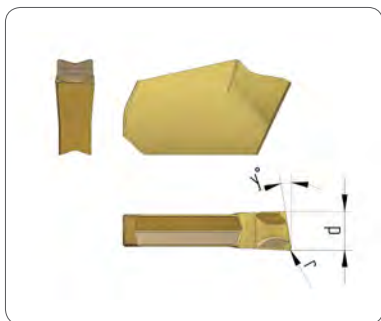
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01769 | GCMX 90EL 8 | VB350 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 90ER 4



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 9,60 | 0,20 | 7 | 4 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,3779 | 0,0078 | 7 | 4 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

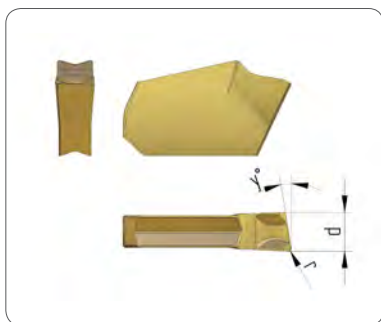
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01771 | GCMX 90ER 4 | VB350 |
| | | |
| | | |
| | | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

GCMX 90ER 8



| ISO | | | |
|--------|--------|----|----|
| l (mm) | r (mm) | a° | y° |
| 9,60 | 0,20 | 7 | 8 |

| ANSI | | | |
|--------|--------|----|----|
| / | | | |
| l (in) | r (in) | a° | y° |
| 0,3779 | 0,0078 | 7 | 8 |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|---|---|
| | | P | M | K | N | S | H | F | M | S |
| VB350 | ▶ | ● | | | | | | | ● | |

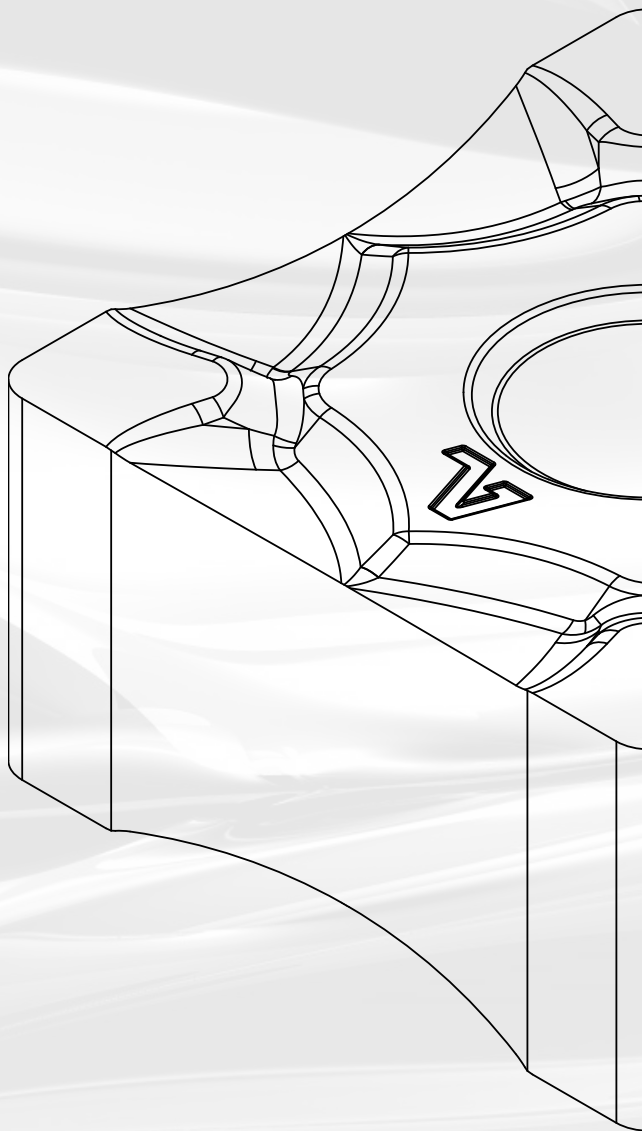
CODICI DI ORDINAZIONE

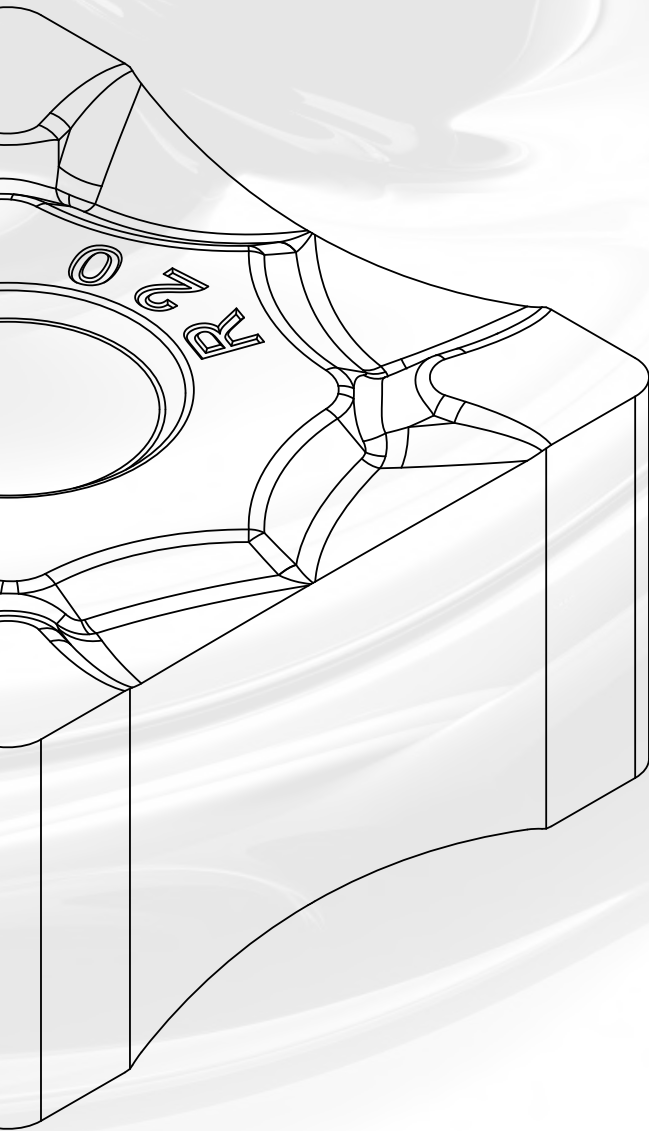
How to order

| CODICE Code | DESCRIZIONE Description | GRADO Grade |
|----------------|----------------------------|----------------|
| PF01772 | GCMX 90ER 8 | VB350 |
| | | |
| | | |
| | | |

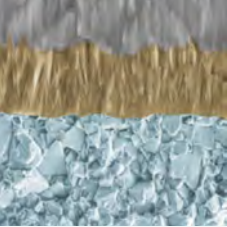
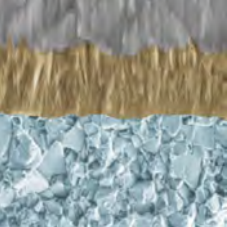
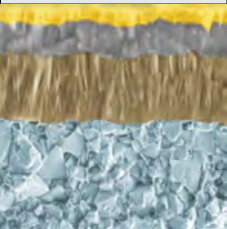

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

SCONDONATURA






SCARFING

| | |
|--|--|
| SV15B | <p>Il grado SV15B ha una nuova ricopertura CVD-MT ad alto spessore con elevate caratteristiche di resistenza alla deformazione e alle alte temperature. Questo grado è particolarmente adatto per lavorazione di finitura e sgrossatura leggera, alle alte velocità di taglio su una vasta gamma di acciai al carbonio, legati, acciai inossidabili e ghise.</p> |
|  | <p>SV15B grade, coated with a new CVD-MT high thickness technology, is provided with excellent properties of deformation and high temperature resistance. Particulary suitable for finishing and light roughing applications in high cutting speed, it can be applied on a broad variety of carbon steels, alloy steels, stainless steels and cast irons.</p> |
| SV30B | <p>Il grado SV30B ha una nuova ricopertura CVD-MT ad alto spessore con elevate caratteristiche di resistenza alla deformazione e alle alte temperature. Particolarmente adatto per medie velocità di taglio.</p> |
|  | <p>SV30B grade, coated with a new CVD-MT high thickness technology, is provided with excellent properties of deformation and high temperature resistance. Particulary suitable for medium cutting speed.</p> |
| SV30Y | <p>Il grado SV30Y ha una nuova ricopertura CVD-MT ad alto spessore con elevate caratteristiche di resistenza alla deformazione e alle alte temperature. In aggiunta alle caratteristiche del grado SV30B assicura un buon scorrimento del cordone rimosso grazie ad un rivestimento finale di Nitruro di Titanio.</p> |
|  | <p>SV30Y grade, coated with a new CVD-MT high thickness technology, is provided with excellent properties of deformation and high temperature resistance. In addition to the grade's properties, SV30B ensures a better weald bead sliding, removed through its Titanium Nitride final coating.</p> |
| SV40Y | <p>Il grado SV40Y ha una nuova ricopertura CVD-MT ad alto spessore con elevate caratteristiche di resistenza alla deformazione e alle alte temperature. In aggiunta alle caratteristiche del grado SV30Y assicura un buona tenacità.</p> |
|  | <p>SV40Y grade, coated with a new CVD-MT high thickness technology, is provided with excellent properties of deformation and high temperature resistance. In addition to the grade's properties, SV30Y ensures a good toughness.</p> |

| DIAMETRO TUBO Tube diameter | | | | RAGGIO Radius | |
|--------------------------------|----------|----------|----------|------------------|--------|
| MIN (mm) | MIN (in) | MAX (mm) | MAX (in) | r (mm) | r (in) |
| 8,50 | 0,3346 | 11,00 | 0,4330 | 7,00 | 0,2755 |
| 11,00 | 0,4330 | 13,50 | 0,5315 | 9,00 | 0,3543 |
| 13,50 | 0,5315 | 23,50 | 0,9252 | 11,00 | 0,4330 |
| 16,90 | 0,6653 | 27,50 | 1,0827 | 13,00 | 0,5118 |
| 23,20 | 0,9133 | 30,20 | 1,1890 | 15,00 | 0,5905 |
| 26,60 | 1,0472 | 34,50 | 1,3583 | 18,00 | 0,7086 |
| 28,50 | 1,2220 | 37,20 | 1,4646 | 20,00 | 0,7874 |
| 31,10 | 1,2244 | 40,50 | 1,5945 | 22,00 | 0,8661 |
| 33,40 | 1,3150 | 43,40 | 1,7087 | 25,00 | 0,9842 |
| 35,40 | 1,3937 | 44,20 | 1,7402 | 27,00 | 1,0630 |
| 40,50 | 1,5945 | 46,20 | 1,8189 | 30,00 | 1,1811 |
| 41,20 | 1,6220 | 53,60 | 2,1102 | 35,00 | 1,3780 |
| 50,00 | 1,9685 | 65,00 | 2,5591 | 40,00 | 1,5748 |
| 65,00 | 2,5591 | 90,00 | 3,5433 | 45,00 | 1,7717 |
| 90,00 | 3,5433 | 120,00 | 4,7244 | 50,00 | 1,9685 |
| 120,00 | 4,7244 | 150,00 | 5,9055 | 75,00 | 2,9528 |
| 150,00 | 5,9055 | 180,00 | 7,0866 | 100,00 | 3,9370 |

| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | | ● | ECCELLENTE Excellent |
|----------------|---|-------------------------|---|---|---|---|---|------------------------------|------|---|-------------------------|
| SV15B |  | P | M | K | N | S | H | EX. | INT. | ○ | ADATTO Suitable |
| | | ● | | ○ | | | | ○ | ● | | |

| | |
|----------------|---|
| GRADO Grade | GRADO DI RICOPERTURA DELL'INSERTO Insert grade |
|----------------|---|

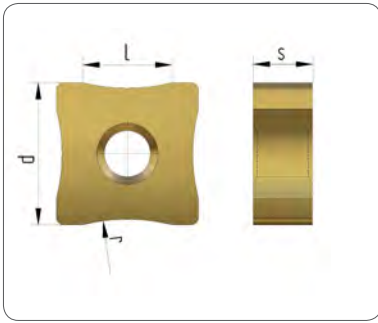
| | | |
|-----------------------|---|---|
| CATEGORIA Category |  | PRODOTTO SEMPRE DISPONIBILE Product always available |
| |  | PRODOTTO DISPONIBILE / 4 SETTIMANE DI CONSEGNA Product available / 4 week to delivery |
| |  | PRODOTTO SU ORDNAZIONE / 8 SETTIMANE DI CONSEGNA Product available on order / 8 week to delivery |
| |  | LOTTO MINIMO RICHIESTO Product minimum required |

| | | |
|-------------------------|---|---------------------------------|
| CLASSE ISO Iso Class | P | ACCIAIO Steel |
| | M | ACCIAIO INOX Stainless steel |
| | K | GHISA Cast iron |
| | N | NON FERROSI Non ferrous |
| | S | SUPERLEGHE Superalloys |
| | H | TEMPRATI Hard metal |

| | | |
|------------------------------|---|---------------------|
| APPLICAZIONE Applications | F | ESTERNA Exterior |
| | M | INTERNA Interior |

17

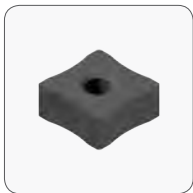
SNMX 150608 21 R.....



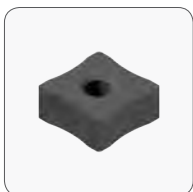
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

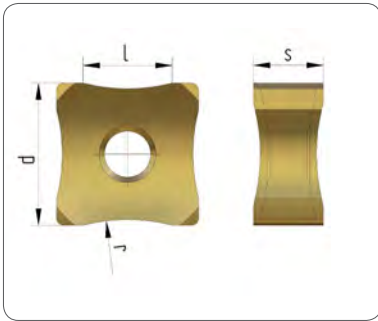
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



| ISO | | | | |
|----------------------------|--------|--------|--------|--------|
| DESCRIZIONE Description | d (mm) | l (mm) | s (mm) | r (mm) |
| SNMX 150608 21 R11 | 15,87 | 10,00 | 6,35 | 11,00 |
| SNMX 150608 21 R13 | 15,87 | 10,00 | 6,35 | 13,00 |
| SNMX 150608 21 R15 | 15,87 | 10,00 | 6,35 | 15,00 |
| SNMX 150608 21 R18 | 15,87 | 10,00 | 6,35 | 18,00 |
| SNMX 150608 21 R20 | 15,87 | 10,00 | 6,35 | 20,00 |
| SNMX 150608 21 R22 | 15,87 | 10,00 | 6,35 | 22,00 |
| SNMX 150608 21 R25 | 15,87 | 10,00 | 6,35 | 25,00 |
| SNMX 150608 21 R27 | 15,87 | 10,00 | 6,35 | 27,00 |
| SNMX 150608 21 R30 | 15,87 | 10,00 | 6,35 | 30,00 |
| SNMX 150608 21 R35 | 15,87 | 10,00 | 6,35 | 35,00 |
| SNMX 150608 21 R40 | 15,87 | 10,00 | 6,35 | 40,00 |
| SNMX 150608 21 R42 | 15,87 | 10,00 | 6,35 | 42,00 |
| SNMX 150608 21 R45 | 15,87 | 10,00 | 6,35 | 45,00 |
| SNMX 150608 21 R50 | 15,87 | 10,00 | 6,35 | 50,00 |
| SNMX 150608 21 R60 | 15,87 | 10,00 | 6,35 | 60,00 |
| SNMX 150608 21 R65 | 15,87 | 10,00 | 6,35 | 65,00 |
| SNMX 150608 21 R70 | 15,87 | 10,00 | 6,35 | 70,00 |
| SNMX 150608 21 R75 | 15,87 | 10,00 | 6,35 | 75,00 |
| SNMX 150608 21 R80 | 15,87 | 10,00 | 6,35 | 80,00 |
| SNMX 150608 21 R90 | 15,87 | 10,00 | 6,35 | 90,00 |
| SNMX 150608 21 R105 | 15,87 | 10,00 | 6,35 | 105,00 |

| ANSI | | | | |
|----------------------------|--------|--------|--------|--------|
| DESCRIZIONE Description | d (in) | l (in) | s (in) | r (in) |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 0,4330 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 0,5118 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 0,5905 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 0,7086 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 0,7874 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 0,8661 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 0,9842 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 1,0630 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 1,1811 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 1,3780 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 1,5748 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 1,6535 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 1,7717 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 1,9658 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 2,3622 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 2,5591 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 2,7559 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 2,9528 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 3,1496 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 3,5433 |
| SNMX 542 | 0,6248 | 0,3937 | 0,2500 | 4,1339 |

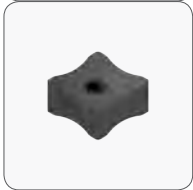
SNMX 150708 22 R.....



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

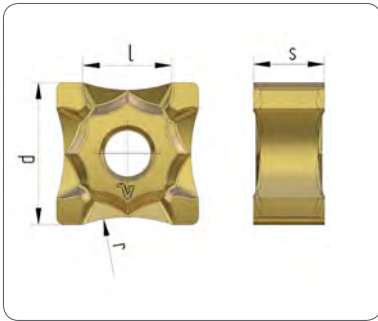
| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



| ISO | | | | |
|----------------------------|--------|--------|--------|--------|
| DESCRIZIONE Description | d (mm) | l (mm) | s (mm) | r (mm) |
| SNMX 150708 88 R7 | 15,87 | 10,00 | 7,94 | 07,00 |
| SNMX 150708 88 R9 | 15,87 | 10,00 | 7,94 | 09,00 |
| SNMX 150708 88 R11 | 15,87 | 10,00 | 7,94 | 11,00 |
| SNMX 150708 88 R13 | 15,87 | 10,00 | 7,94 | 13,00 |
| SNMX 150708 88 R15 | 15,87 | 10,00 | 7,94 | 15,00 |
| SNMX 150708 88 R18 | 15,87 | 10,00 | 7,94 | 18,00 |
| SNMX 150708 88 R20 | 15,87 | 10,00 | 7,94 | 20,00 |
| SNMX 150708 88 R22 | 15,87 | 10,00 | 7,94 | 22,00 |
| SNMX 150708 88 R25 | 15,87 | 10,00 | 7,94 | 25,00 |
| SNMX 150708 88 R27 | 15,87 | 10,00 | 7,94 | 27,00 |
| SNMX 150708 88 R30 | 15,87 | 10,00 | 7,94 | 30,00 |
| SNMX 150708 88 R35 | 15,87 | 10,00 | 7,94 | 35,00 |
| SNMX 150708 88 R40 | 15,87 | 10,00 | 7,94 | 40,00 |
| SNMX 150708 88 R42 | 15,87 | 10,00 | 7,94 | 42,00 |
| SNMX 150708 88 R45 | 15,87 | 10,00 | 7,94 | 45,00 |
| SNMX 150708 88 R50 | 15,87 | 10,00 | 7,94 | 50,00 |
| SNMX 150708 88 R60 | 15,87 | 10,00 | 7,94 | 60,00 |
| SNMX 150708 88 R75 | 15,87 | 10,00 | 7,94 | 75,00 |
| SNMX 150708 88 R90 | 15,87 | 10,00 | 7,94 | 90,00 |
| SNMX 150708 88 R100 | 15,87 | 10,00 | 7,94 | 100,00 |
| | | | | |

| ANSI | | | | |
|----------------------------|--------|--------|--------|--------|
| DESCRIZIONE Description | d (mm) | l (mm) | s (mm) | r (mm) |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 0,2755 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 0,3543 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 0,4330 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 0,5118 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 0,5905 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 0,7086 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 0,7874 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 0,8661 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 0,9842 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 1,0630 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 1,1811 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 1,3780 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 1,5748 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 1,6535 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 1,7717 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 1,9685 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 2,3622 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 2,9528 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 3,5433 |
| SNMX 552 | 0,6248 | 0,3937 | 0,3126 | 3,9370 |
| | | | | |

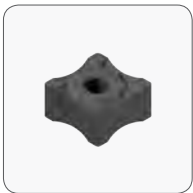
SNMX 150708 22C R.....



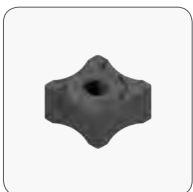
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

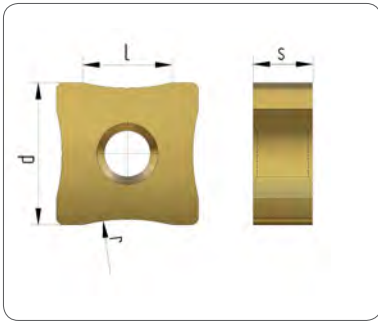


| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



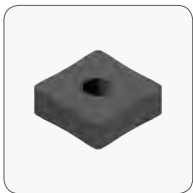
SNMX 190612 21 R.....



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

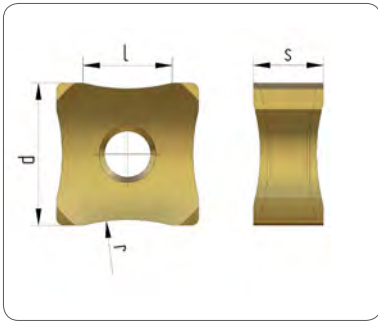


| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



SNMX 190912 22 R.....



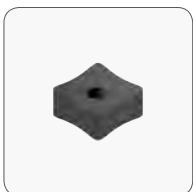
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

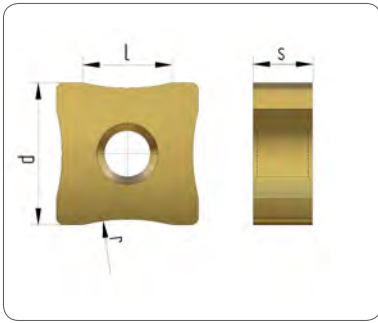


| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

| | |
|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



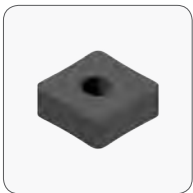
SNMX 250924 21 R.....



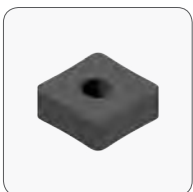
| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

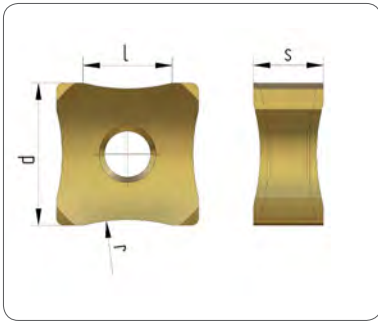


| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



SNMX 251224 22 R.....



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

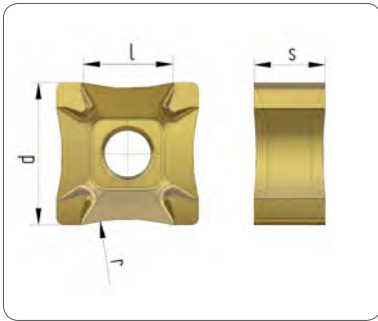


| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



SNMG 150708 22 R.....



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



| ISO | | | | |
|----------------------------|--------|--------|--------|--------|
| DESCRIZIONE Description | d (mm) | l (mm) | s (mm) | r (mm) |
| SNMG 150708 22 R07 | 15,88 | 10,00 | 7,94 | 07,00 |
| SNMG 150708 22 R09 | 15,88 | 10,00 | 7,94 | 09,00 |
| SNMG 150708 22 R11 | 15,88 | 10,00 | 7,94 | 11,00 |
| SNMG 150708 22 R13 | 15,88 | 10,00 | 7,94 | 13,00 |
| SNMG 150708 22 R15 | 15,88 | 10,00 | 7,94 | 15,00 |
| SNMG 150708 22 R18 | 15,88 | 10,00 | 7,94 | 18,00 |
| SNMG 150708 22 R20 | 15,88 | 10,00 | 7,94 | 20,00 |
| SNMG 150708 22 R22 | 15,88 | 10,00 | 7,94 | 22,00 |
| SNMG 150708 22 R25 | 15,88 | 10,00 | 7,94 | 25,00 |
| SNMG 150708 22 R27 | 15,88 | 10,00 | 7,94 | 27,00 |
| SNMG 150708 22 R30 | 15,88 | 10,00 | 7,94 | 30,00 |
| SNMG 150708 22 R35 | 15,88 | 10,00 | 7,94 | 35,00 |
| SNMG 150708 22 R40 | 15,88 | 10,00 | 7,94 | 40,00 |
| SNMG 150708 22 R45 | 15,88 | 10,00 | 7,94 | 45,00 |
| SNMG 150708 22 R50 | 15,88 | 10,00 | 7,94 | 50,00 |
| SNMG 150708 22 R60 | 15,88 | 10,00 | 7,94 | 60,00 |
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| ANSI | | | | |
|----------------------------|--------|--------|--------|--------|
| DESCRIZIONE Description | d (in) | l (in) | s (in) | r (in) |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 0,2755 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 0,3543 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 0,4330 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 0,5118 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 0,5905 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 0,7086 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 0,7874 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 0,8661 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 0,9842 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 1,0630 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 1,1811 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 1,3780 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 1,5748 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 1,7717 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 1,9685 |
| SNMG 552 | 0,6252 | 0,3937 | 0,3126 | 2,3622 |
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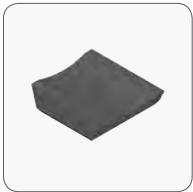
SGGN 2005 R.....



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

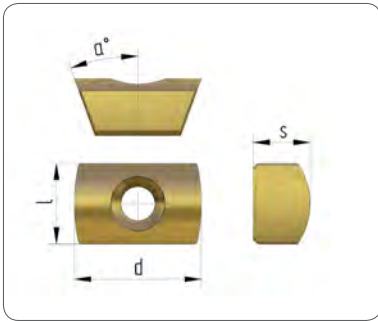


| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | ● | |

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| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



LNGX 09 R.....



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |

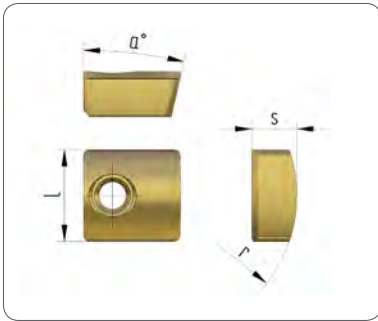


| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



LNGX 17 R.....



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |

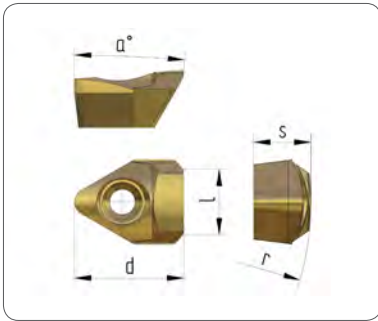


| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |

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|---|-------------------------|
| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |



TGMX 2513 R.....



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV40Y | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV15B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |



| GRADO Grade | CAT. Cat. | CLASSE ISO ISO Class | | | | | | APPLICAZIONE Applications | |
|----------------|--------------|-------------------------|---|---|---|---|---|------------------------------|------|
| SV30B | ▶ | P | M | K | N | S | H | EX. | INT. |
| | | ● | ● | | | | | | ● |

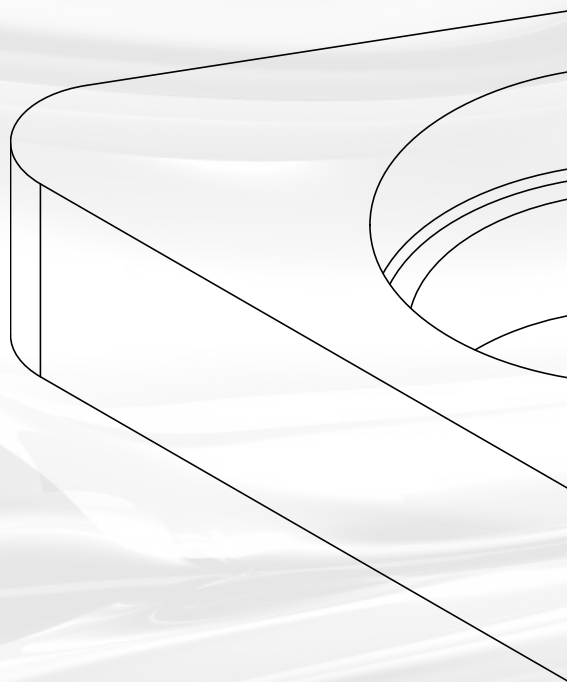
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| ● | ECCELLENTE Excellent |
| ○ | ADATTO Suitable |

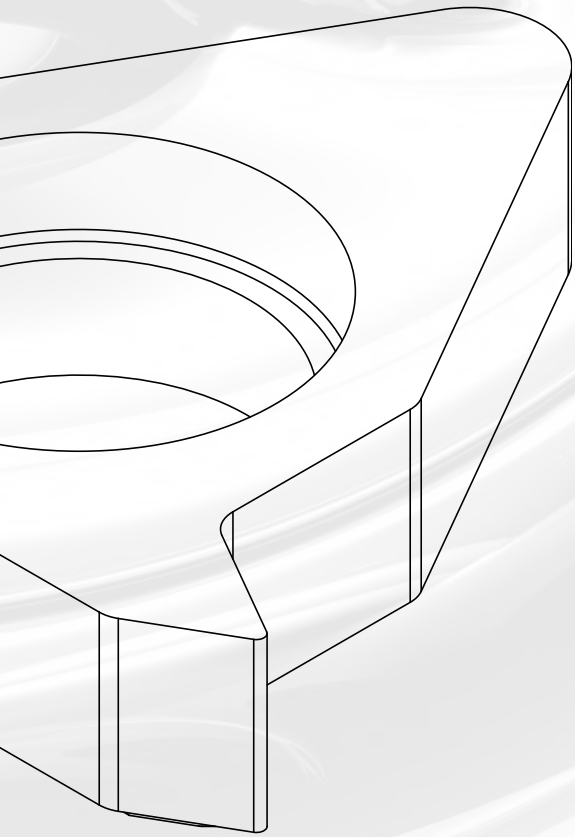


| ISO | | | | | |
|----------------------------|-----------|-----------|-----------|-----------|----|
| DESCRIZIONE Description | d (mm) | l (mm) | s (mm) | r (mm) | a° |
| TGMX 2513 R20 | 28,00 | 16,00 | 14,50 | 20,00 | 5 |
| TGMX 2513 R25 | 28,00 | 16,00 | 14,50 | 25,00 | 5 |
| TGMX 2513 R30 | 28,00 | 16,00 | 14,50 | 30,00 | 5 |
| TGMX 2513 R35 | 28,00 | 16,00 | 14,50 | 35,00 | 5 |
| TGMX 2513 R40 | 28,00 | 16,00 | 14,50 | 40,00 | 5 |
| TGMX 2513 R45 | 28,00 | 16,00 | 14,50 | 45,00 | 5 |
| TGMX 2513 R50 | 28,00 | 16,00 | 14,50 | 50,00 | 5 |
| TGMX 2513 R55 | 28,00 | 16,00 | 14,50 | 55,00 | 5 |
| TGMX 2513 R60 | 28,00 | 16,00 | 14,50 | 60,00 | 5 |
| TGMX 2513 R65 | 28,00 | 16,00 | 14,50 | 65,00 | 5 |
| TGMX 2513 R70 | 28,00 | 16,00 | 14,50 | 70,00 | 5 |
| TGMX 2513 R75 | 28,00 | 16,00 | 14,50 | 75,00 | 5 |
| TGMX 2513 R80 | 28,00 | 16,00 | 14,50 | 80,00 | 5 |
| TGMX 2513 R90 | 28,00 | 16,00 | 14,50 | 90,00 | 5 |
| TGMX 2513 R100 | 28,00 | 16,00 | 14,50 | 100,0 | 5 |
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| ANSI | | | | | |
|----------------------------|--------|--------|--------|--------|----|
| DESCRIZIONE Description | d (in) | l (in) | s (in) | r (in) | a° |
| / | 1,1024 | 0,6299 | 0,5708 | 0,7874 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 0,9842 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 1,1811 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 1,3780 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 1,5748 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 1,7717 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 1,9685 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 2,1654 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 2,3622 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 2,5591 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 2,7559 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 2,9528 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 3,1496 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 3,5433 | 5 |
| / | 1,1024 | 0,6299 | 0,5708 | 3,9370 | 5 |
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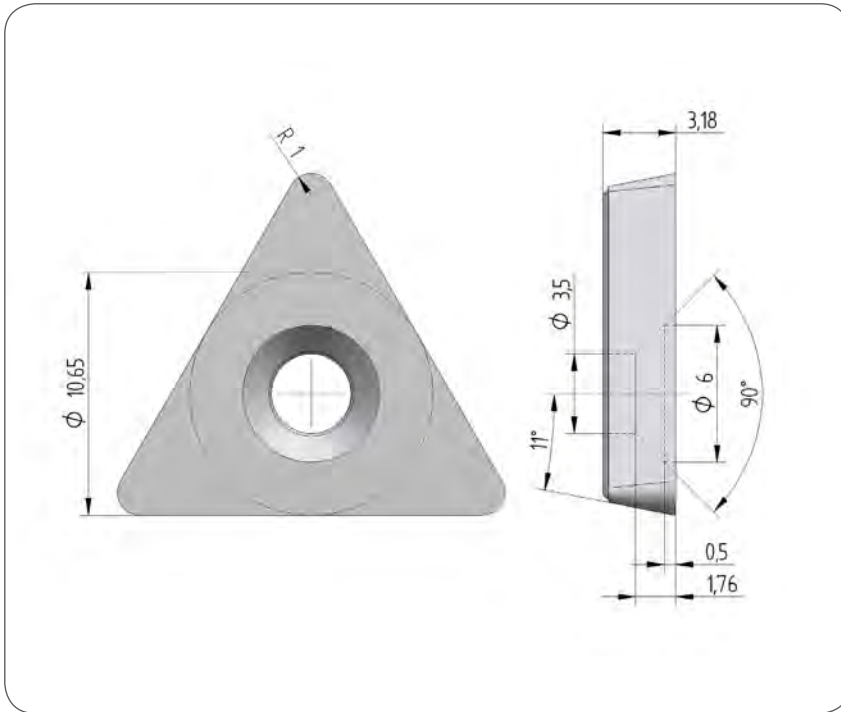
SUPPORTI





SHIMS

CTK 22



SUPPORTI Shims



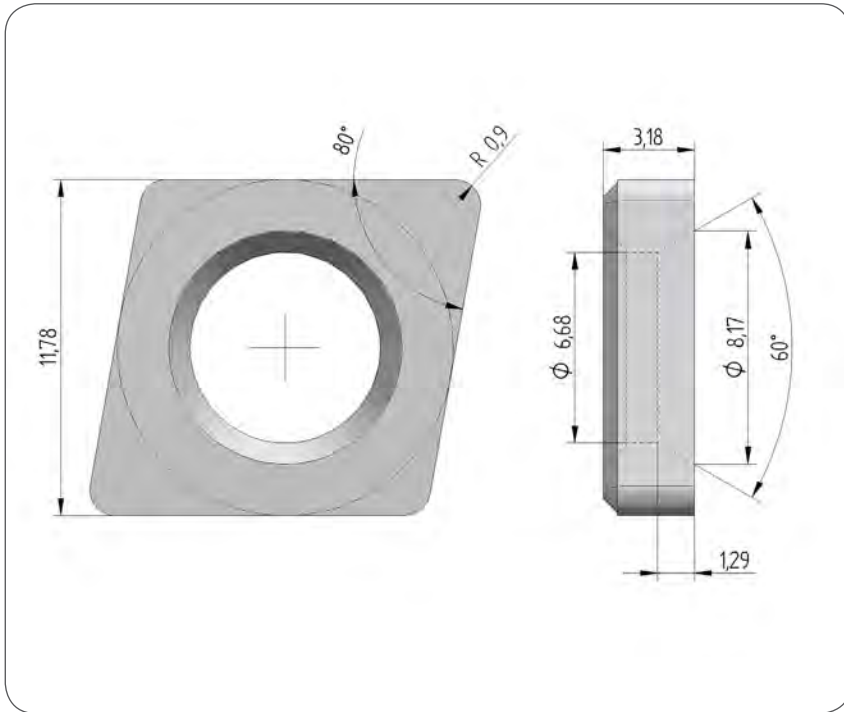
CODICI DI ORDINAZIONE

How to order

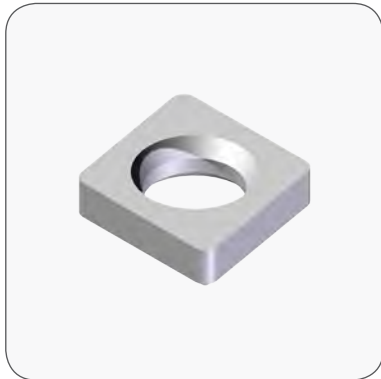
| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF03301 | CTK 22 |
| | |
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SCN 12



SUPPORTI Shims

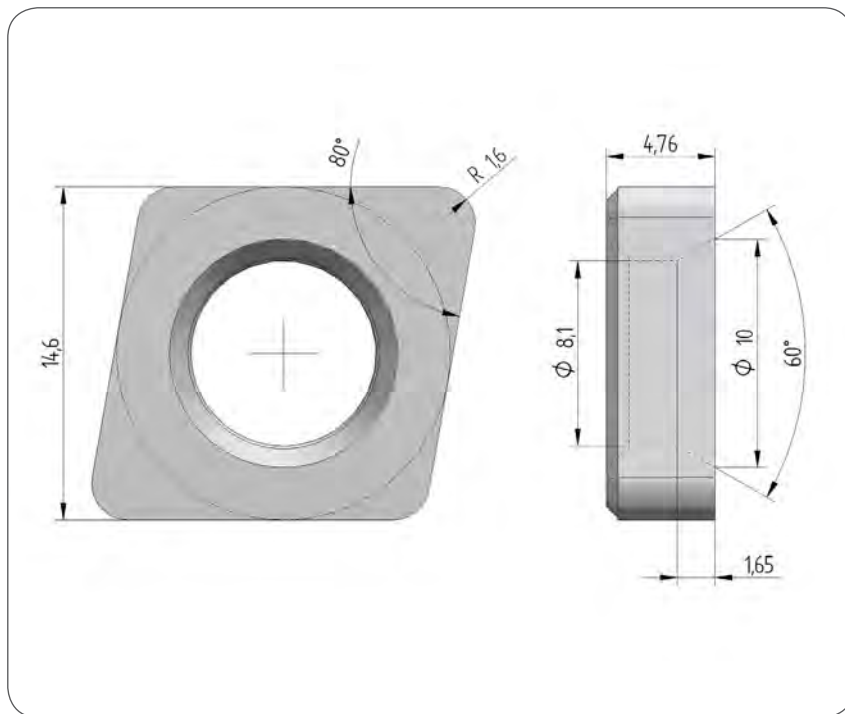


CODICI DI ORDINAZIONE How to order

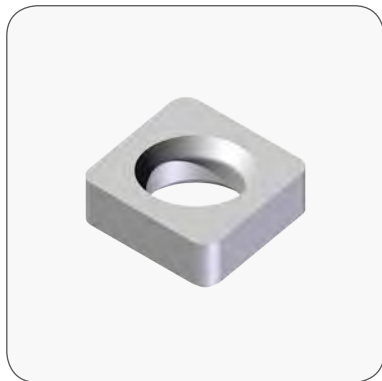
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|----------------|----------------------------|
| PF03099 | SCN 12 |
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SCN 16



SUPPORTI Shims

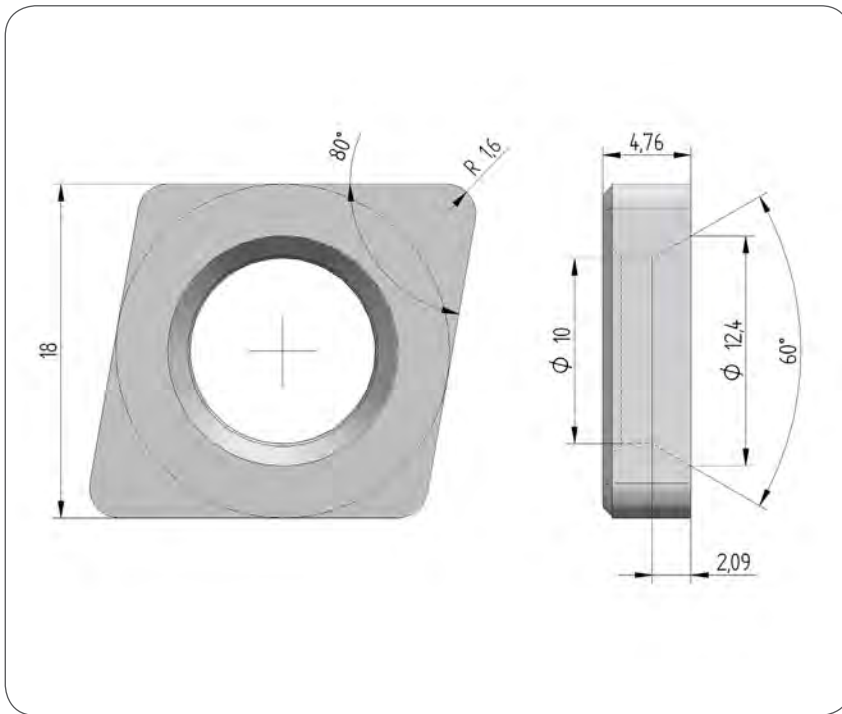


CODICI DI ORDINAZIONE How to order

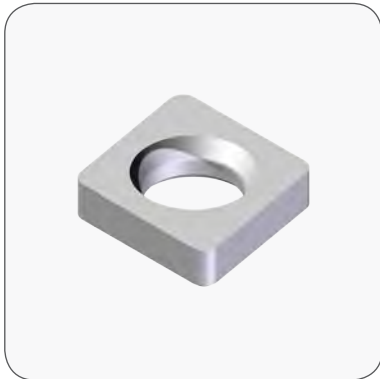
| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF03100 | SCN 16 |
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SCN 19



SUPPORTI Shims

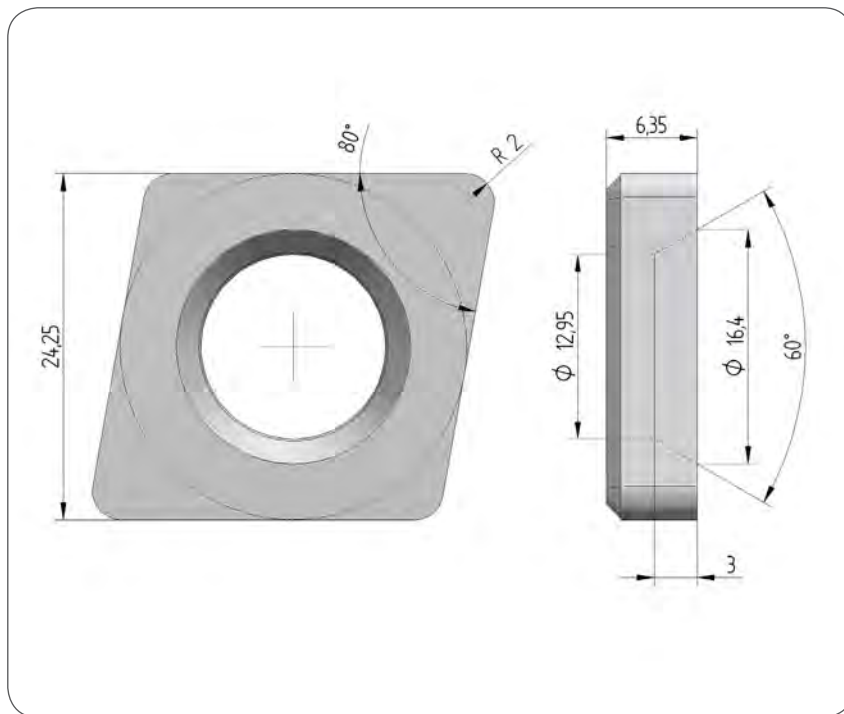


CODICI DI ORDINAZIONE How to order

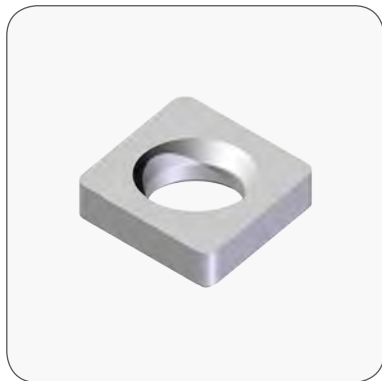
| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF03101 | SCN 19 |
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SCN 25



SUPPORTI Shims

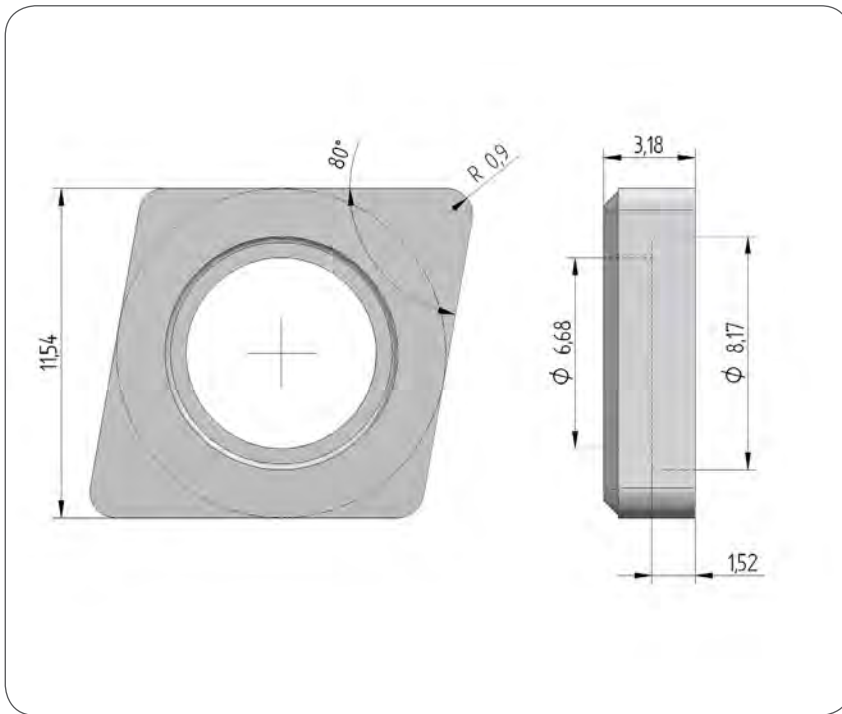


CODICI DI ORDINAZIONE How to order

| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF03102 | SCN 25 |
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SCP 12



SUPPORTI Shims

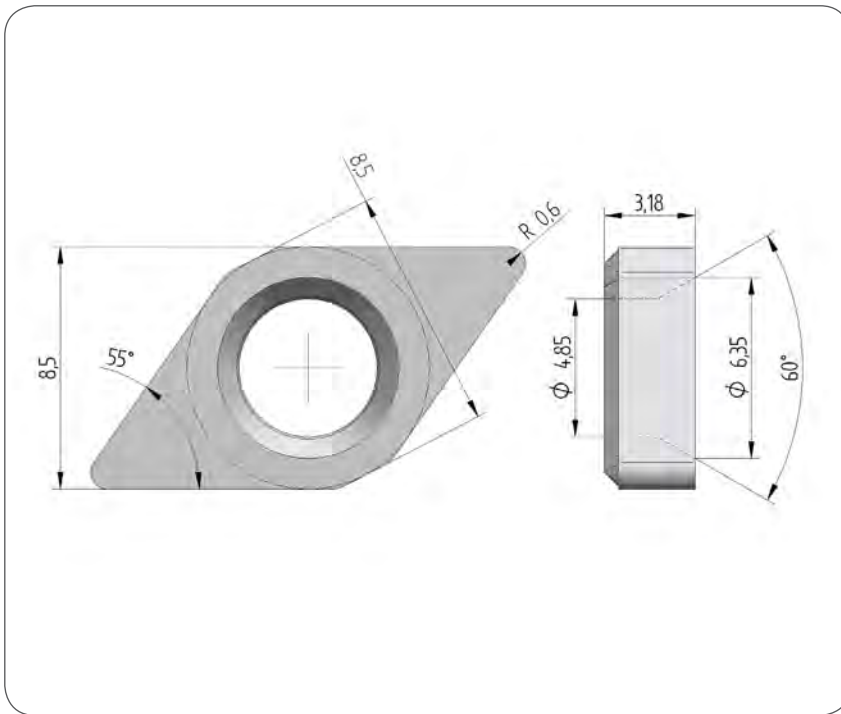


CODICI DI ORDINAZIONE How to order

| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF03103 | SCP 12 |
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SDN 11



SUPPORTI Shims

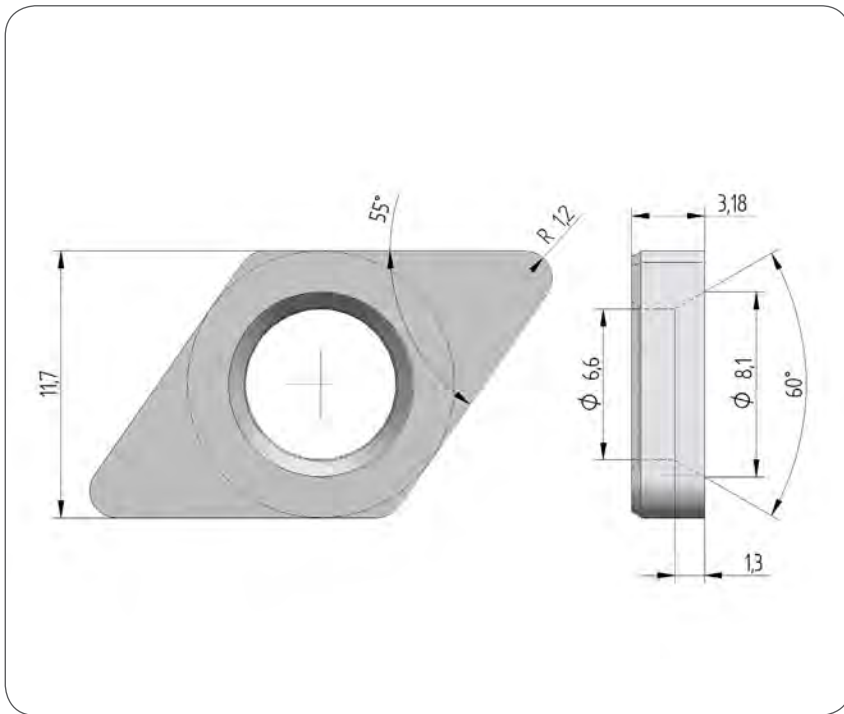


CODICI DI ORDINAZIONE How to order

| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF01436 | SDN 11 |
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SDN 15



SUPPORTI Shims

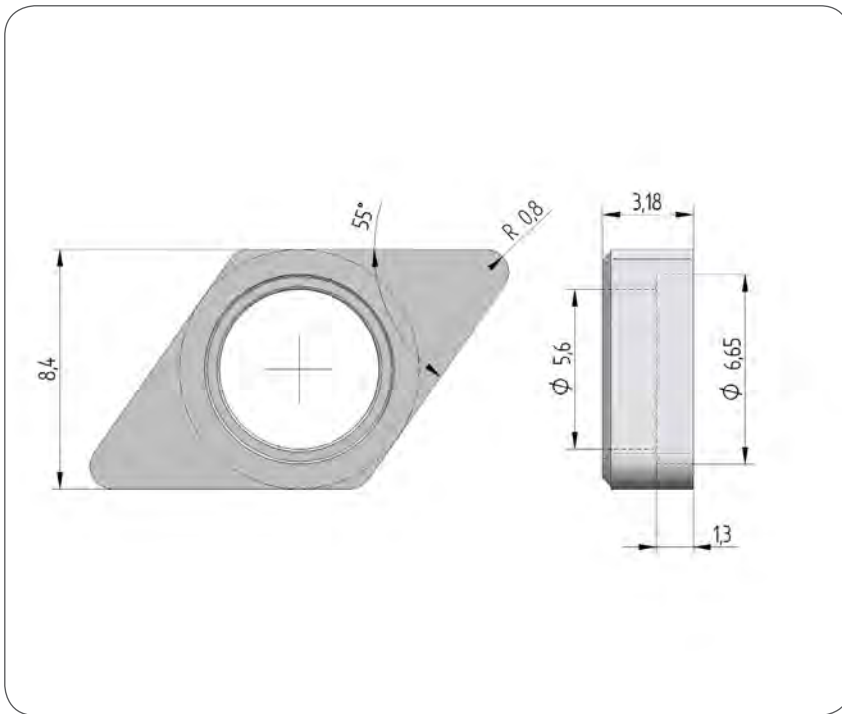


CODICI DI ORDINAZIONE How to order

| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF01435 | SDN 15 |
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SDP 11



SUPPORTI Shims

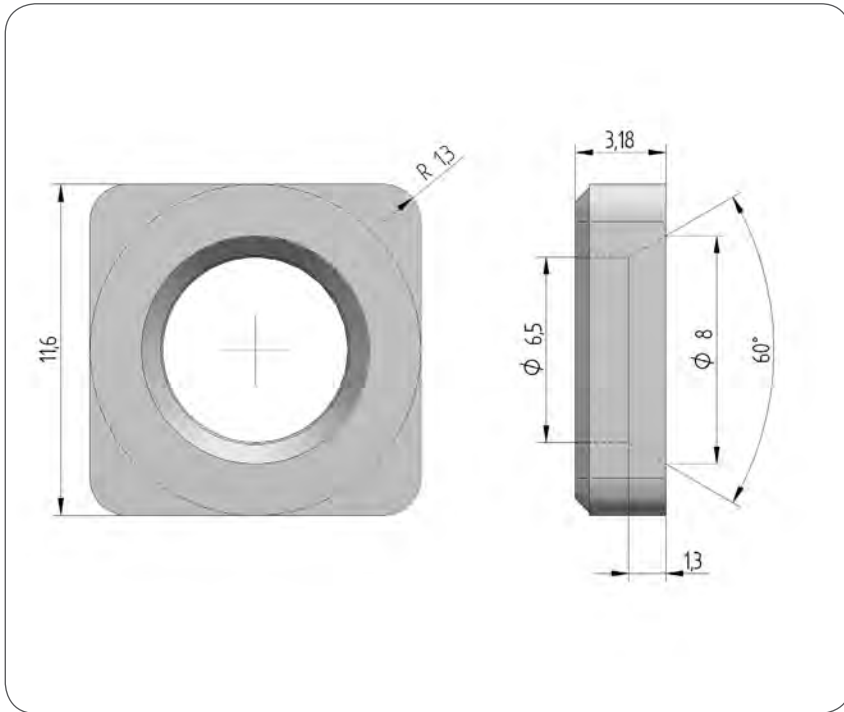


CODICI DI ORDINAZIONE How to order

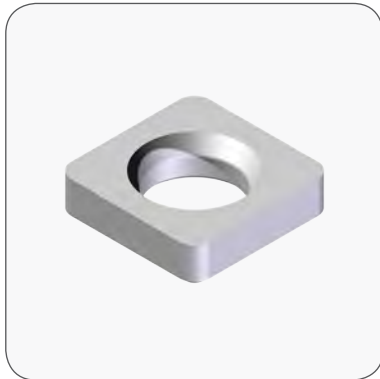
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| PF03254 | SDP 11 |
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SSN 12



SUPPORTI Shims

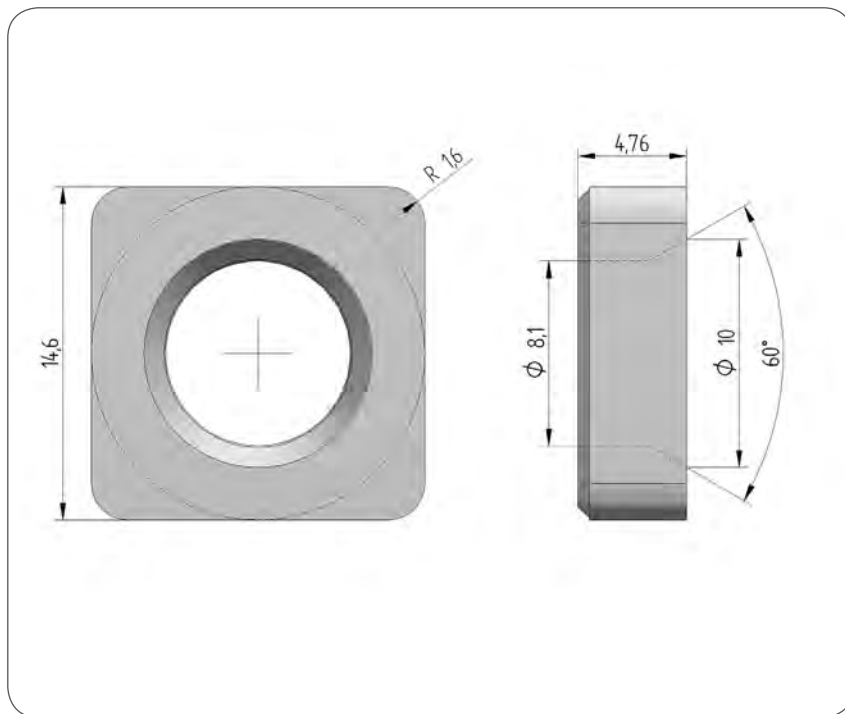


CODICI DI ORDINAZIONE How to order

| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF03107 | SSN 12 |
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SSN 15



SUPPORTI Shims

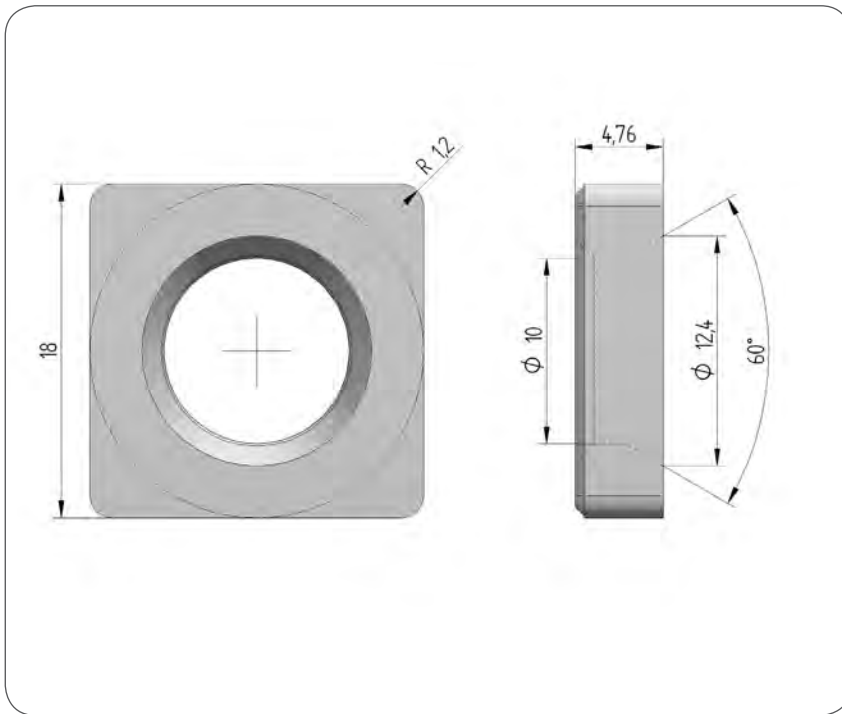


CODICI DI ORDINAZIONE How to order

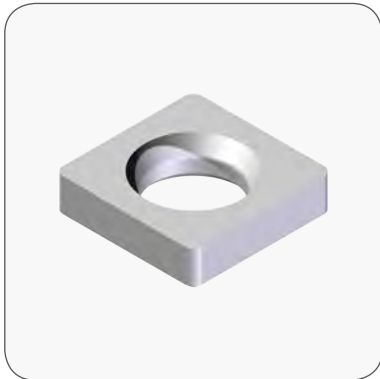
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|----------------|----------------------------|
| PF03108 | SSN 15 |
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SSN 19



SUPPORTI Shims

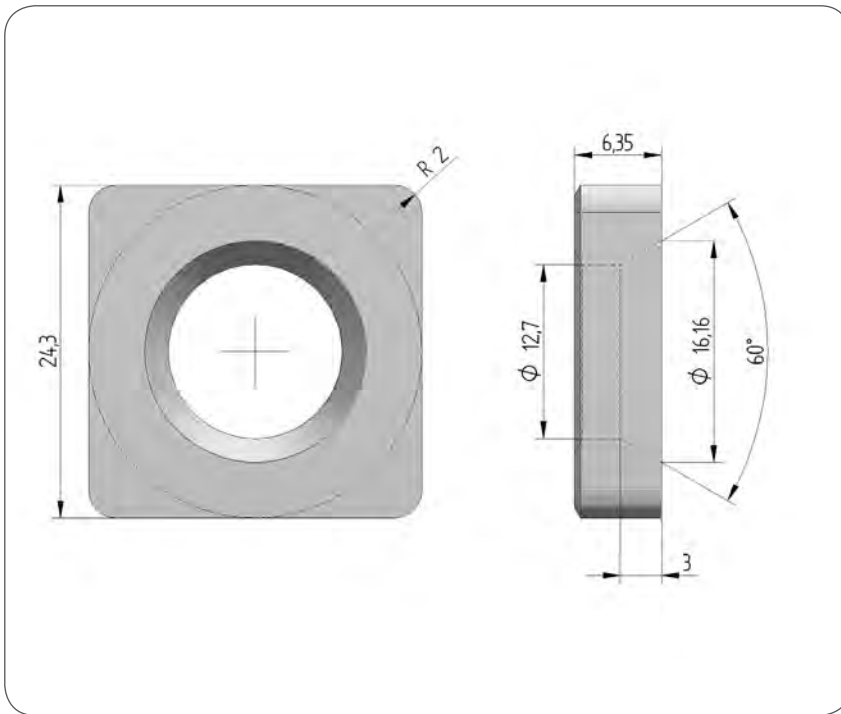


CODICI DI ORDINAZIONE How to order

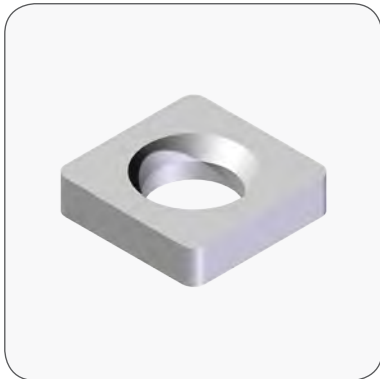
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|----------------|----------------------------|
| PF03109 | SSN 19 |
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SSN 25



SUPPORTI Shims



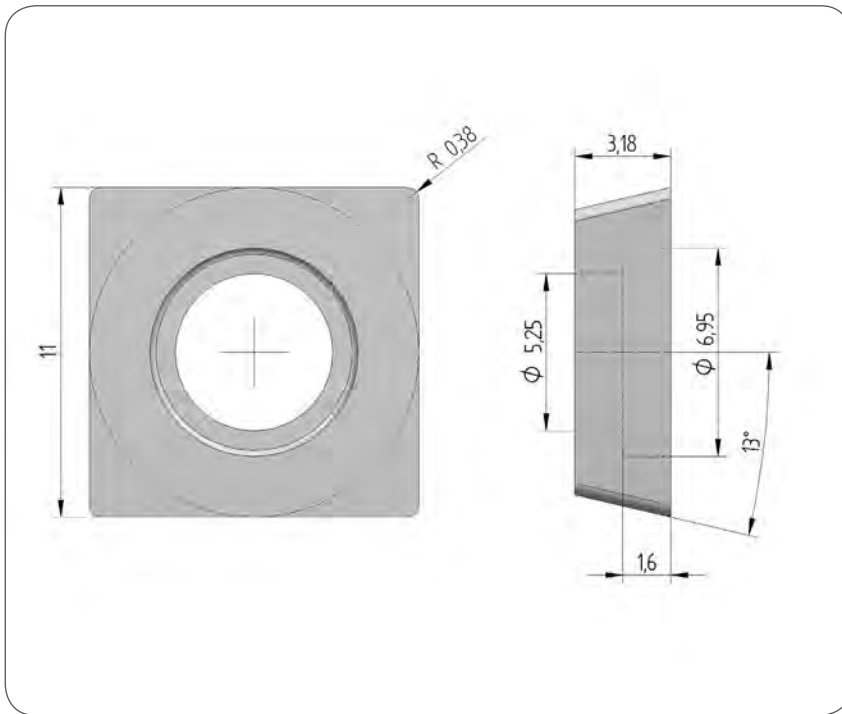
CODICI DI ORDINAZIONE

How to order

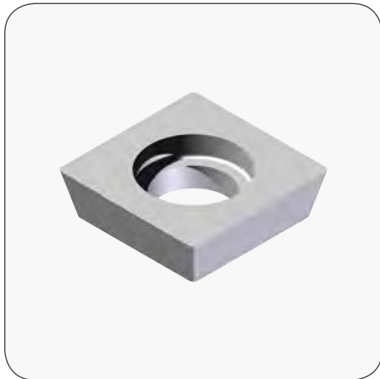
| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF03094 | SSN 25 |
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SSN-F 12P



SUPPORTI Shims

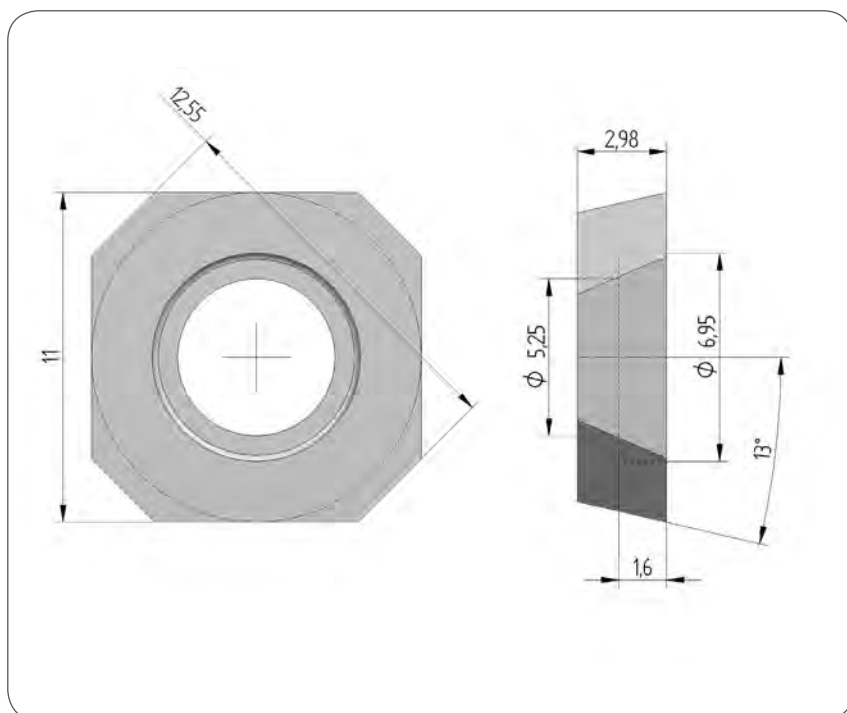


CODICI DI ORDINAZIONE How to order

| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF03112 | SSN-F 12P |
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SSN-F 12P SM



SUPPORTI

Shims



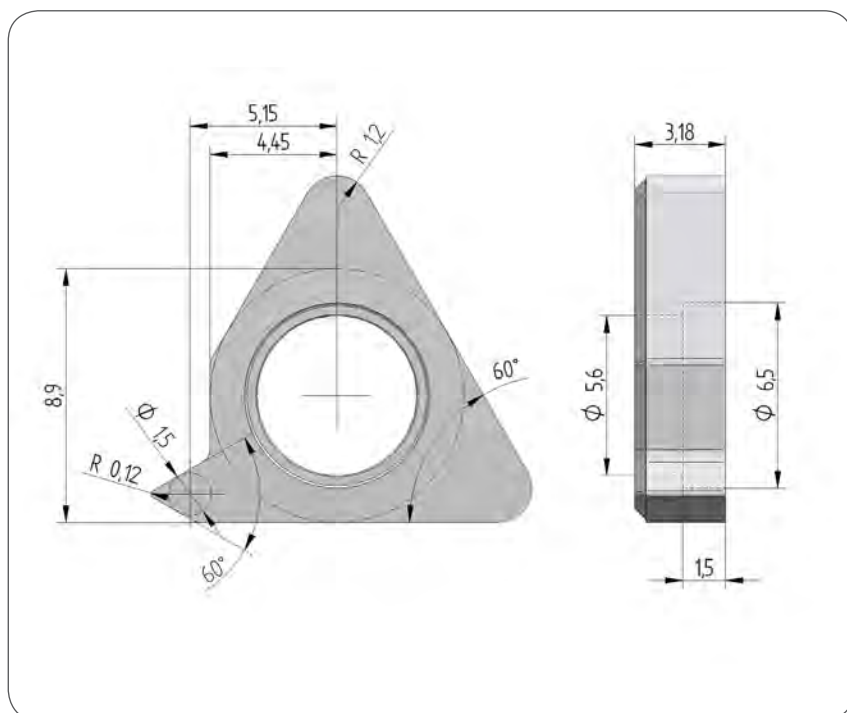
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
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| PF03111 | SSN-F 12P SM |
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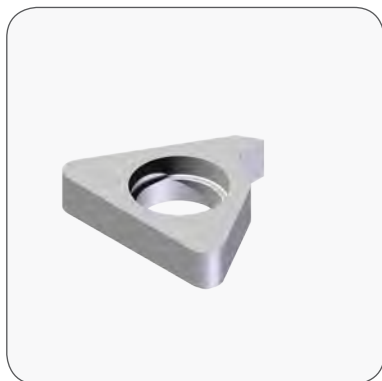


STN 16-FIL EX



SUPPORTI

Shims



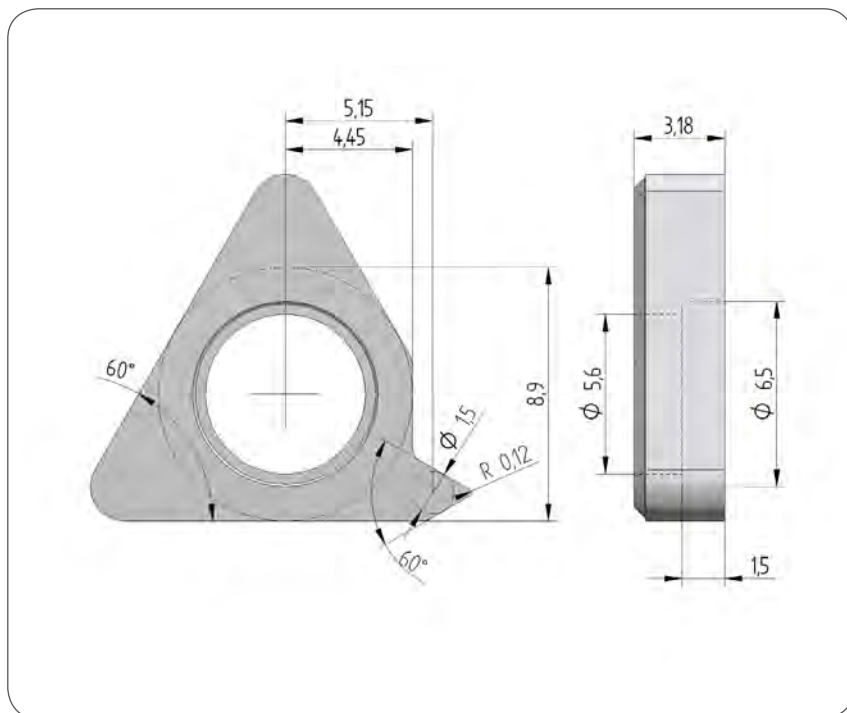
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
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| PF03113 | STN 16-FIL EX |
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STN 16-FIL INT



SUPPORTI Shims



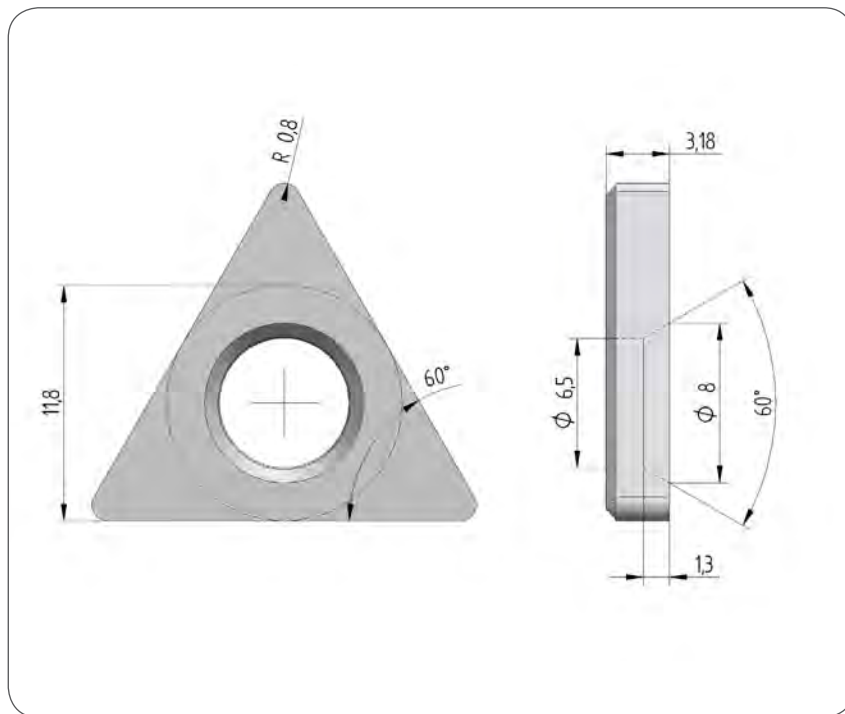
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
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| PF03114 | STN 16-FIL INT |
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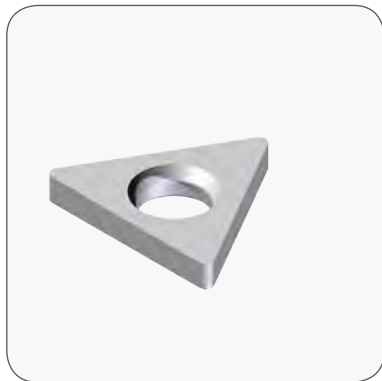


STN 22



SUPPORTI

Shims



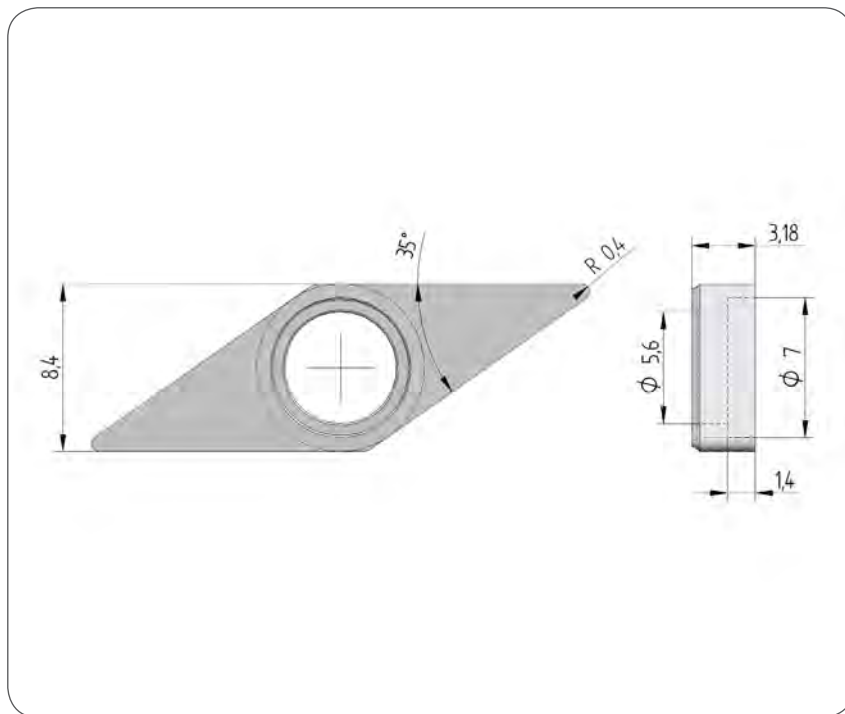
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
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| PF01437 | STN 22 |
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SVP 16 (R04)



SUPPORTI

Shims



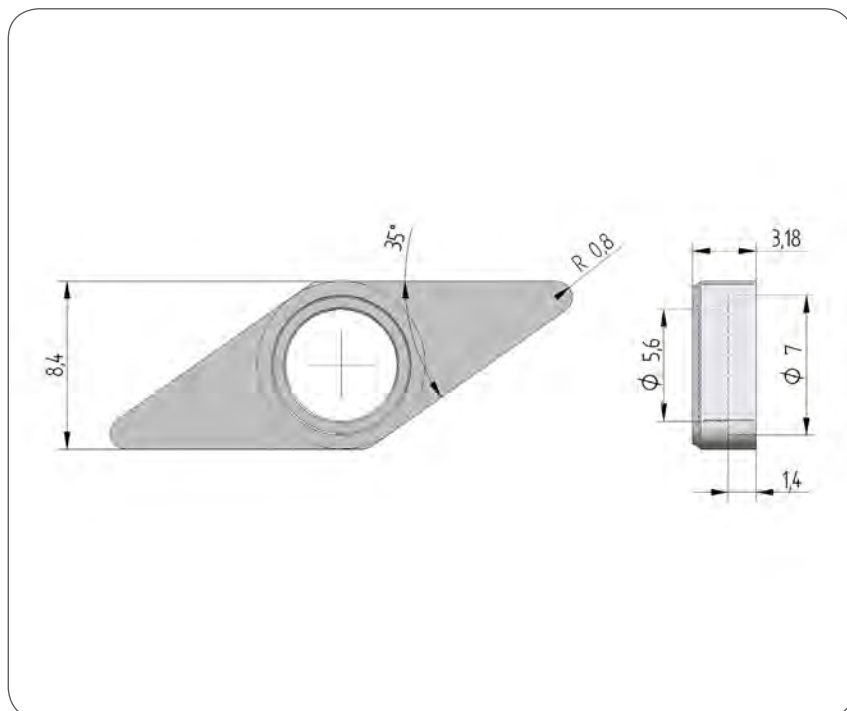
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
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| PF03143 | SVP 16 (R04) |
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SVP 16 (R08)



SUPPORTI

Shims



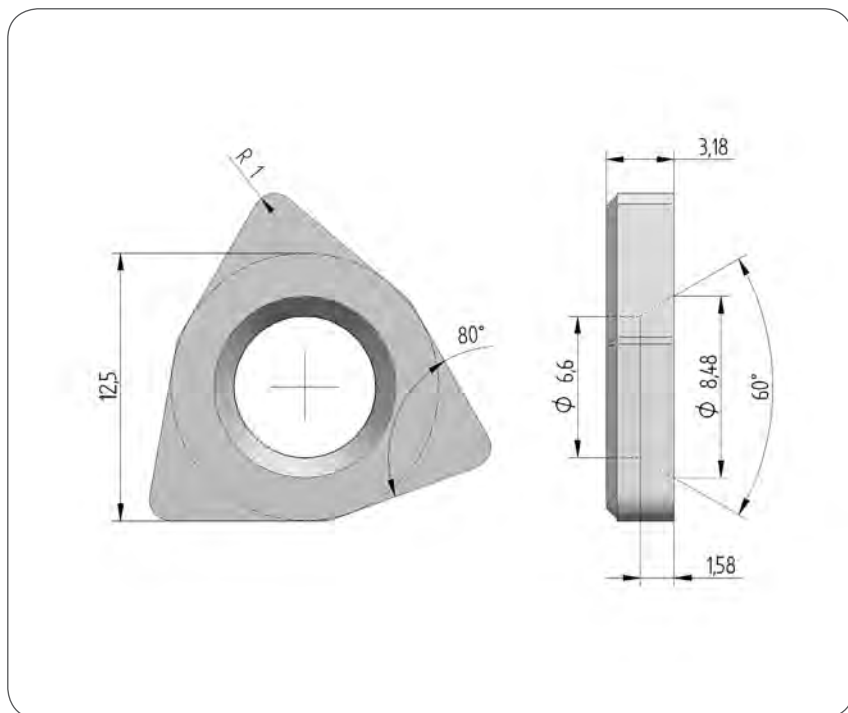
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF03729 | SVP 16 (R08) |
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SWN 08



SUPPORTI Shims



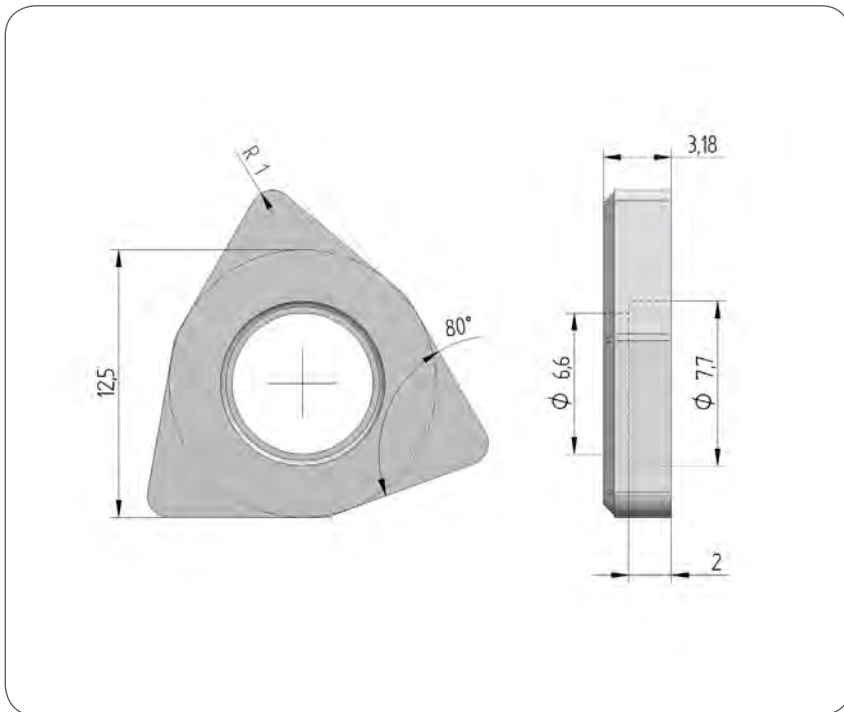
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
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| PF03106 | SWN 08 |
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SWP 08



SUPPORTI Shims

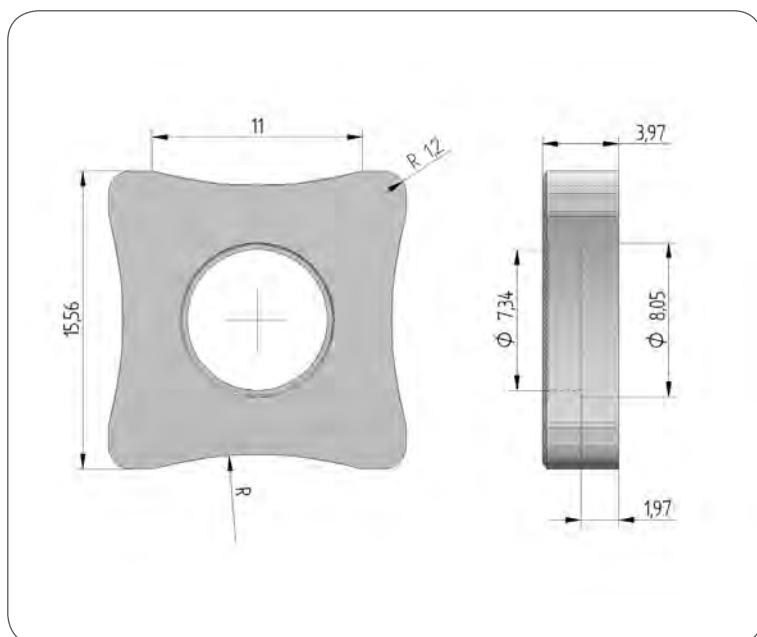


CODICI DI ORDINAZIONE How to order

| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF01434 | SWP 08 |
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SSN 15-S R.....



SUPPORTI

Shims



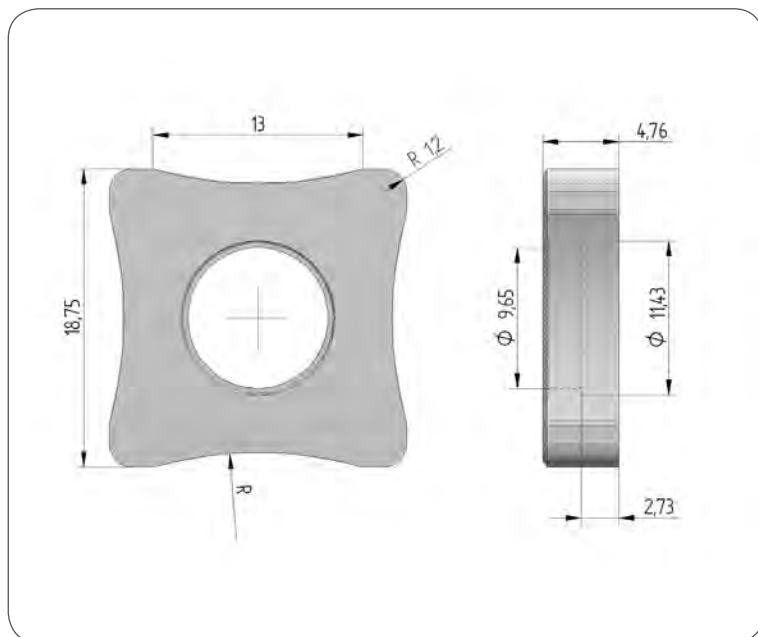
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
|----------------|----------------------------|
| PF04170 | SSN 15-S R00 |
| PF03357 | SSN 15-S R15 |
| PF03196 | SSN 15-S R18 |
| PF03087 | SSN 15-S R20 |
| PF03195 | SSN 15-S R25 |
| PF03088 | SSN 15-S R30 |
| PF03089 | SSN 15-S R40 |
| PF03090 | SSN 15-S R45 |
| PF03091 | SSN 15-S R50 |
| PF03092 | SSN 15-S R80 |
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SSN 19-S R.....



SUPPORTI
Shims

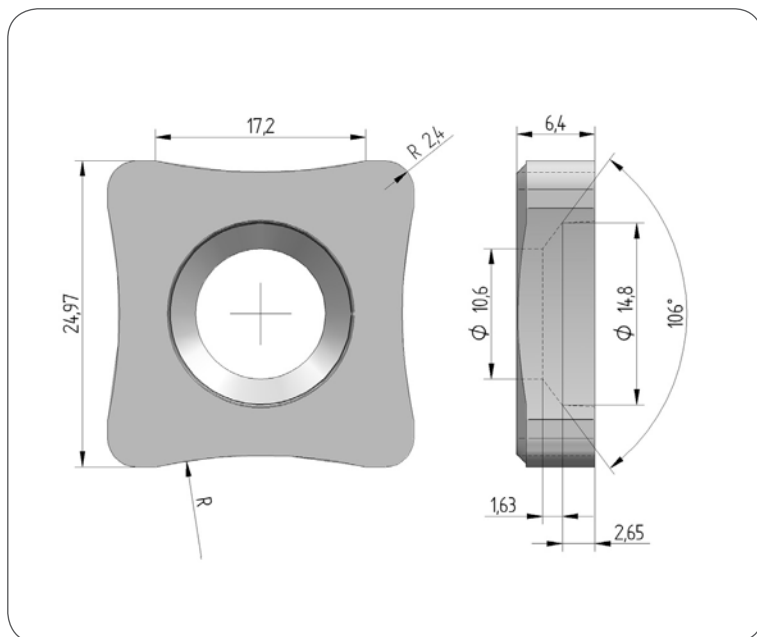


CODICI DI ORDINAZIONE
How to order

| CODICE Code | DESCRIZIONE Description |
|-----------------------|-----------------------------------|
| PF03047 | SSN 19-S R00 |
| PF03048 | SSN 19-S R30 |
| PF03049 | SSN 19-S R50 |
| PF03050 | SSN 19-S R60 |
| PF03051 | SSN 19-S R80 |
| PF03359 | SSN 19-S R90 |
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SSN1 25-S R.....



SUPPORTI
Shims



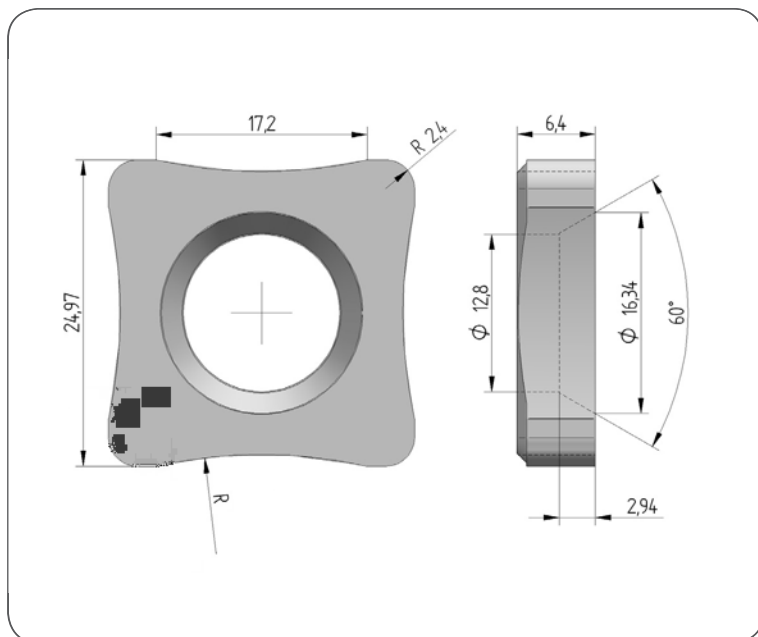
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
|-----------------------|-----------------------------------|
| PF04123 | SSN1 25-S R20 |
| PF04124 | SSN1 25-S R40 |
| PF04125 | SSN1 25-S R90 |
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SSN2 25-S R.....



SUPPORTI
Shims



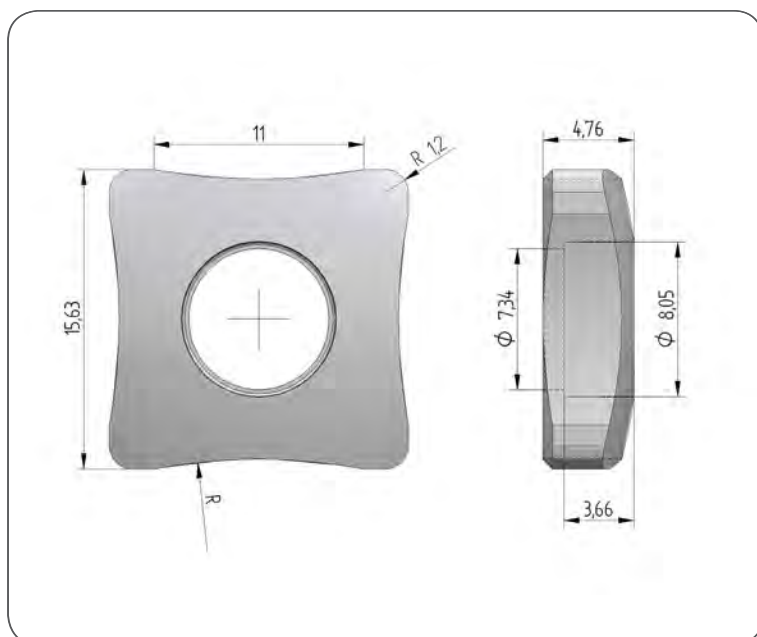
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
|-----------------------|-----------------------------------|
| PF04126 | SSN2 25-S R20 |
| PF04127 | SSN2 25-S R40 |
| PF04128 | SSN2 25-S R90 |
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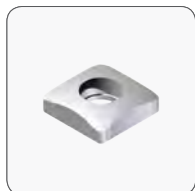


SSP 15-S R.....



SUPPORTI

Shims



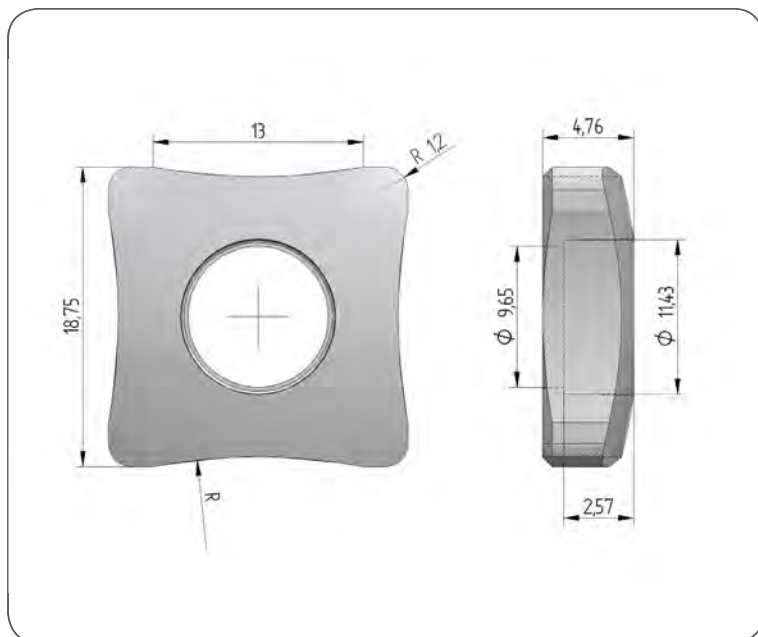
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
|-----------------------|-----------------------------------|
| PF03035 | SSP 15-S R00 |
| PF03036 | SSP 15-S R09 |
| PF03037 | SSP 15-S R13 |
| PF03358 | SSP 15-S R15 |
| PF03038 | SSP 15-S R18 |
| PF03039 | SSP 15-S R20 |
| PF03040 | SSP 15-S R25 |
| PF03041 | SSP 15-S R30 |
| PF03042 | SSP 15-S R40 |
| PF03044 | SSP 15-S R50 |
| PF03045 | SSP 15-S R60 |
| PF03046 | SSP 15-S R80 |



SSP 19-S R.....



SUPPORTI
Shims



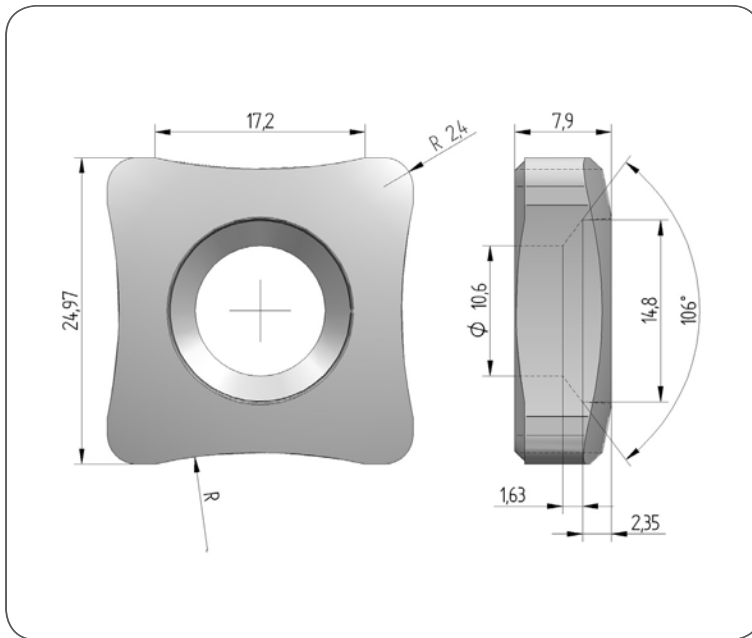
CODICI DI ORDINAZIONE

How to order

| CODICE Code | DESCRIZIONE Description |
|-----------------------|-----------------------------------|
| PF03333 | SSP 19-S R00 |
| PF03360 | SSP 19-S R30 |
| PF03936 | SSP 19-S R50 |
| PF03053 | SSP 19-S R60 |
| PF03054 | SSP 19-S R80 |
| PF03361 | SSP 19-S R90 |
| PF03052 | SSP 19-S R10 |
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SSP1 25-S R.....



SUPPORTI
Shims

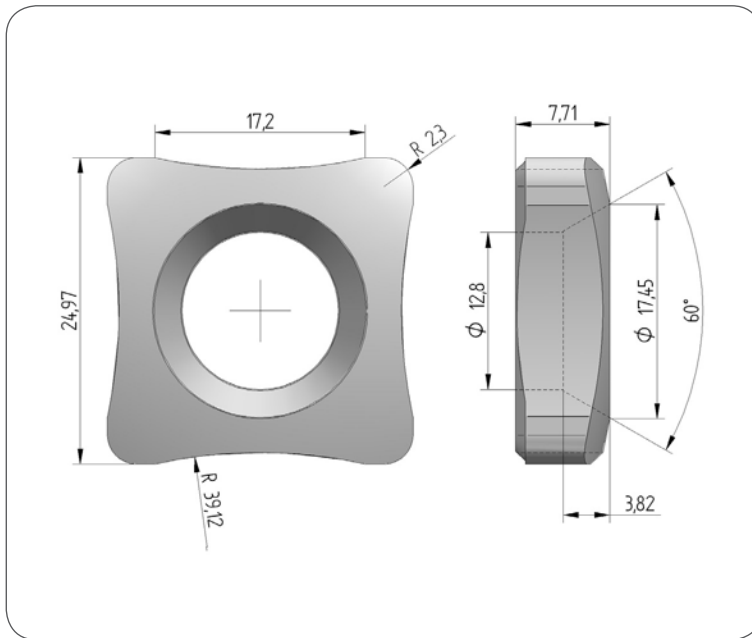


CODICI DI ORDINAZIONE
How to order

| CODICE Code | DESCRIZIONE Description |
|-----------------------|-----------------------------------|
| PF04129 | SSP1 25-S R20 |
| PF04130 | SSP1 25-S R40 |
| PF03988 | SSP1 25-S R90 |
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SSP2 25-S R.....



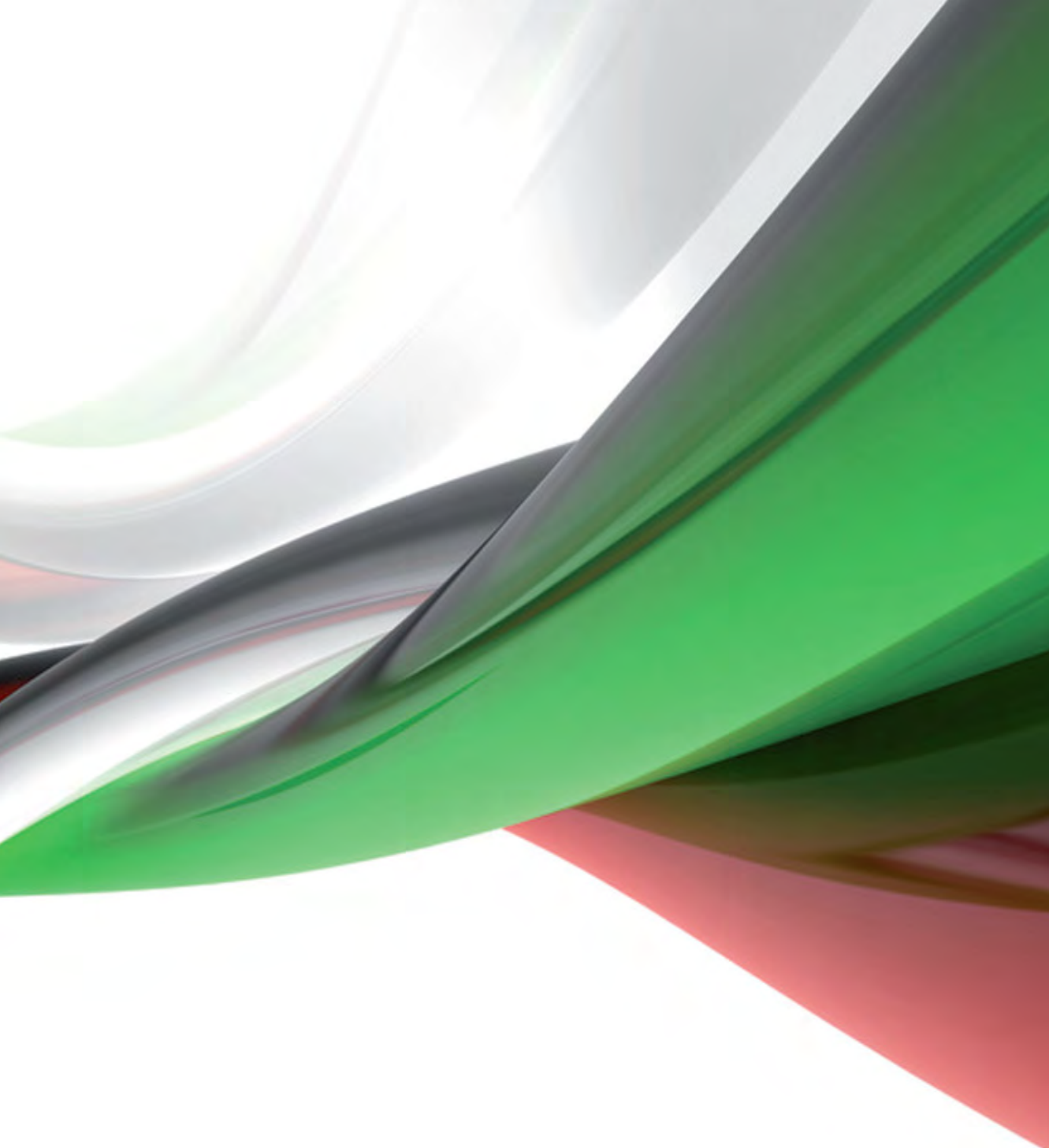
SUPPORTI
Shims



CODICI DI ORDINAZIONE
How to order

| CODICE Code | DESCRIZIONE Description |
|-----------------------|-----------------------------------|
| PF04131 | SSP2 25-S R20 |
| PF04132 | SSP2 25-S R40 |
| PF03989 | SSP2 25-S R90 |
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