

CATALOGO GENERALE

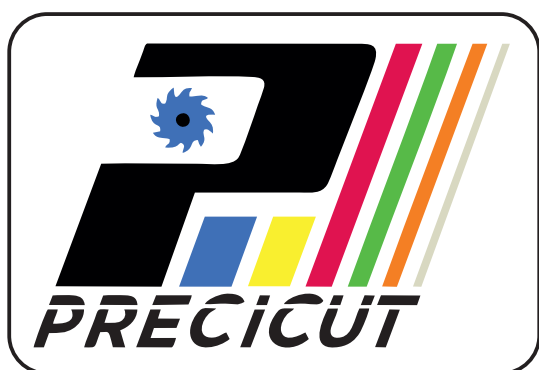
METALLO DURO INTEGRALE



PRECICUT

PRECISION CUTTING TOOLS

LA PRECISIONE A PORTATA DI MANO



- ✓ QUALITÀ
- ✓ PREZZO
- ✓ TEMPO DI LAVORAZIONE
- ✓ RISULTATO

Fin dalla nostra nascita come **"Centro Distribuzione Tecnologia"**, nella sua logica di crescita e ricerca della massima qualità, abbiamo puntato allo sviluppo di un nostro marchio: **PRECICUT**.

Dopo l'investimento iniziale e accurate prove, nel corso di questi anni PRECICUT è diventato un vero e proprio marchio sul mercato, sviluppandosi soprattutto su frese, inserti, maschi e punte, grazie a standard qualitativi elevatissimi e prezzi competitivi con cui scontrarsi sul mercato.

Oltre agli utensili di consumo, nel corso del tempo abbiamo ampliato la gamma e comprendendo anche **mandrini, morse, pinze, lame da taglio e lime rotative**.

La nostra esperienza è a vostra disposizione per aiutarvi a trovare le migliori strategie per aumentare la produttività e ridurre i costi di gestione.

Siamo alla costante ricerca di soluzioni innovative per migliorare i nostri prodotti

CLASSIFICAZIONE DEI MATERIALI – SISTEMA DI CODIFICA ISO

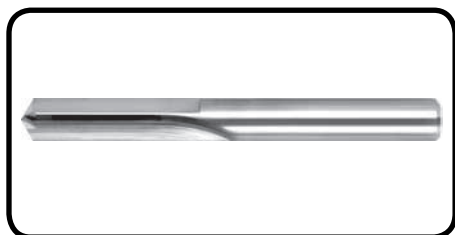
| | |
|---|-----------------------------------|
| P | ACCIAI |
| M | ACCIAI INOSSIDABILI |
| K | GHISE |
| N | ALLUMINIO - MATERIALI NON FERROSI |
| S | SUPERLEGHE |
| H | TEMPRATI |



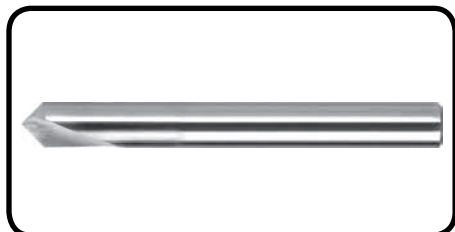
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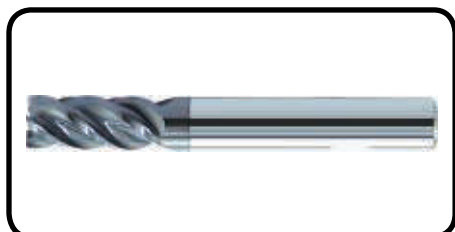
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* Con fori di refrigerazione

● magazzino

○ ordinabile

PUNTE METALLO DURO INTEGRALE



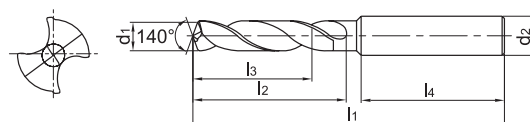
SU : Punta universale

3xD

- codolo cilindrico / DIN 6535HA



senza fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SU03-0090S | | 0.9 | 4 | 47 | 4.2 | 3.4 | 37.9 | ○ |
| PP534SU03-0100S | | 1 | 4 | 47 | 4.7 | 3.8 | 37.6 | ● |
| PP534SU03-0105S | | 1.05 | 4 | 47 | 4.9 | 3.9 | 37.5 | ● |
| PP534SU03-0110S | | 1.1 | 4 | 47 | 5.2 | 4.1 | 37.2 | ○ |
| PP534SU03-0115S | | 1.15 | 4 | 47 | 5.4 | 4.3 | 37.1 | ○ |
| PP534SU03-0120S | | 1.2 | 4 | 47 | 5.6 | 4.5 | 37 | ● |
| PP534SU03-0125S | | 1.25 | 4 | 47 | 5.9 | 4.7 | 36.8 | ○ |
| PP534SU03-0130S | | 1.3 | 4 | 47 | 6.1 | 4.9 | 36.6 | ● |
| PP534SU03-0135S | | 1.35 | 4 | 47 | 6.3 | 5.1 | 36.5 | ○ |
| PP534SU03-0140S | | 1.4 | 4 | 47 | 6.6 | 5.3 | 36.3 | ○ |
| PP534SU03-0145S | | 1.45 | 4 | 47 | 6.8 | 5.4 | 36.2 | ○ |
| PP534SU03-0147S | | 1.47 | 4 | 47 | 6.9 | 5.5 | 36.1 | ● |
| PP534SU03-0150S | | 1.5 | 4 | 47 | 7.1 | 5.6 | 36 | ● |
| PP534SU03-0155S | | 1.55 | 4 | 47 | 7.3 | 5.8 | 35.8 | ○ |
| PP534SU03-0160S | | 1.6 | 4 | 47 | 7.5 | 6 | 35.7 | ● |
| PP534SU03-0165S | | 1.65 | 4 | 47 | 7.8 | 6.2 | 35.5 | ○ |
| PP534SU03-0170S | | 1.7 | 4 | 47 | 8 | 6.4 | 35.4 | ● |
| PP534SU03-0175S | | 1.75 | 4 | 47 | 8.2 | 6.6 | 35.2 | ○ |
| PP534SU03-0180S | | 1.8 | 4 | 47 | 8.5 | 6.8 | 35 | ● |
| PP534SU03-0185S | | 1.85 | 4 | 47 | 8.7 | 6.9 | 34.9 | ○ |
| PP534SU03-0190S | | 1.9 | 4 | 47 | 8.9 | 7.1 | 34.8 | ● |
| PP534SU03-0195S | | 1.95 | 4 | 47 | 9.2 | 7.3 | 34.5 | ○ |
| PP534SU03-0200 | | 2 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0210 | | 2.1 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0220 | | 2.2 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0230 | | 2.3 | 3 | 59 | 13.8 | 14 | 36 | ● |
| PP534SU03-0240 | | 2.4 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0250 | | 2.5 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0260 | | 2.6 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0270 | | 2.7 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0280 | | 2.8 | 6 | 62 | 20 | 14 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



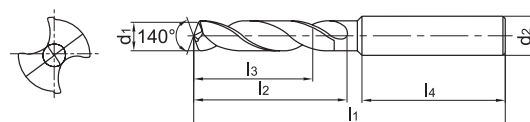
SU : Punta universale

3xD

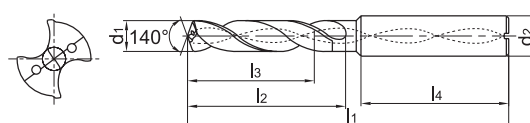
- codolo cilindrico / DIN 6535HA



senza fori



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
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| PP534SU03-0310 | | 3.1 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03F-0310 | * | 3.1 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0320 | | 3.2 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03F-0320 | * | 3.2 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0325 | | 3.25 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03F-0325 | * | 3.25 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0330 | | 3.3 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03F-0330 | * | 3.3 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0340 | | 3.4 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03F-0340 | * | 3.4 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0350 | | 3.5 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03F-0350 | * | 3.5 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0360 | | 3.6 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03F-0360 | * | 3.6 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0370 | | 3.7 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03F-0370 | * | 3.7 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SU03-0380 | | 3.8 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0380 | * | 3.8 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03-0390 | | 3.9 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0390 | * | 3.9 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03-0400 | | 4 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0400 | * | 4 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03-0410 | | 4.1 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0410 | * | 4.1 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03-0420 | | 4.2 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0420 | * | 4.2 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03-0430 | | 4.3 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0430 | * | 4.3 | 6 | 66 | 24 | 17 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



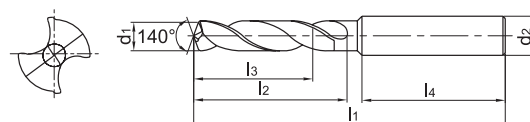
SU : Punta universale

3xD

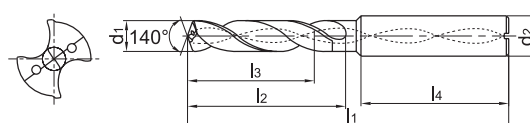
- codolo cilindrico / DIN 6535HA



senza fori



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SU03-0440 | | 4.4 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0440 | * | 4.4 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03-0450 | | 4.5 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0450 | * | 4.5 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03-0460 | | 4.6 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0460 | * | 4.6 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03-0465 | | 4.65 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0465 | * | 4.65 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03-0470 | | 4.7 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03F-0470 | * | 4.7 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SU03-0480 | | 4.8 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0480 | * | 4.8 | 6 | 66 | 28 | 20 | 36 | ● |
| PP1534SU03-0490 | | 4.9 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0490 | * | 4.9 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0500 | | 5 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0500 | * | 5 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0510 | | 5.1 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0510 | * | 5.1 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0520 | | 5.2 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0520 | * | 5.2 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0530 | | 5.3 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0530 | * | 5.3 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0540 | | 5.4 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0540 | * | 5.4 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0550 | | 5.5 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0550 | * | 5.5 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0555 | | 5.55 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0555 | * | 5.55 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0560 | | 5.6 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0560 | * | 5.6 | 6 | 66 | 28 | 20 | 36 | ● |
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PUNTE METALLO DURO INTEGRALE



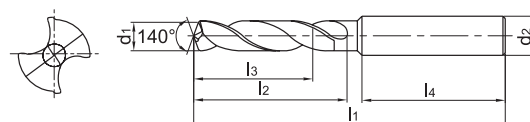
SU : Punta universale

3xD

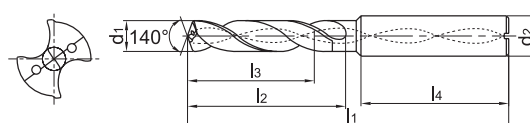
- codolo cilindrico / DIN 6535HA



senza fori



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SU03F-0570 | * | 5.7 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0580 | | 5.8 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0580 | * | 5.8 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0590 | | 5.9 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0590 | * | 5.9 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0600 | | 6 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03F-0600 | * | 6 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SU03-0610 | | 6.1 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03F-0610 | * | 6.1 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03-0620 | | 6.2 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03F-0620 | * | 6.2 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03-0630 | | 6.3 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03F-0630 | * | 6.3 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03-0640 | | 6.4 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03F-0640 | * | 6.4 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03-0650 | | 6.5 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03F-0650 | * | 6.5 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03-0660 | | 6.6 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03F-0660 | * | 6.6 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03-0670 | | 6.7 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03F-0670 | * | 6.7 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03-0675 | | 6.75 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03F-0675 | * | 6.75 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03-0680 | | 6.8 | 8 | 79 | 34 | 24 | 36 | ● |
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| PP534SU03-0690 | | 6.9 | 8 | 79 | 34 | 24 | 36 | ● |
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| PP534SU03-0700 | | 7 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03F-0700 | * | 7 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SU03-0710 | | 7.1 | 8 | 79 | 41 | 29 | 36 | ● |
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PUNTE METALLO DURO INTEGRALE



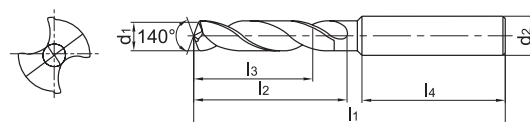
SU : Punta universale

3xD

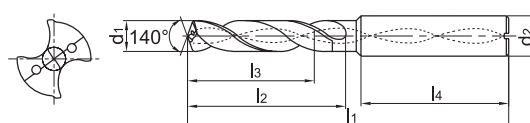
- codolo cilindrico / DIN 6535HA



senza fori



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SU03-0720 | | 7.2 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03F-0720 | * | 7.2 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03-0730 | | 7.3 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03F-0730 | * | 7.3 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03-0740 | | 7.4 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03F-0740 | * | 7.4 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03-0745 | | 7.45 | 8 | 79 | 41 | 29 | 36 | ○ |
| PP534SU03F-0745 | * | 7.45 | 8 | 79 | 41 | 29 | 36 | ○ |
| PP534SU03-0750 | | 7.5 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03F-0750 | * | 7.5 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03-0760 | | 7.6 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03F-0760 | * | 7.6 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03-0770 | | 7.7 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03F-0770 | * | 7.7 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03-0780 | | 7.8 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03F-0780 | * | 7.8 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03-0790 | | 7.9 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03F-0790 | * | 7.9 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03-0800 | | 8 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03F-0800 | * | 8 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SU03-0810 | | 8.1 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0810 | * | 8.1 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0820 | | 8.2 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0820 | * | 8.2 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0830 | | 8.3 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0830 | * | 8.3 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0840 | | 8.4 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0840 | * | 8.4 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0850 | | 8.5 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0850 | * | 8.5 | 10 | 89 | 47 | 35 | 40 | ● |
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PUNTE METALLO DURO INTEGRALE



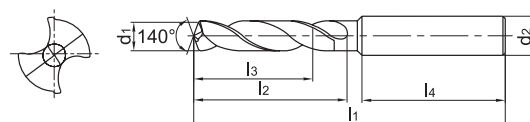
SU : Punta universale

3xD

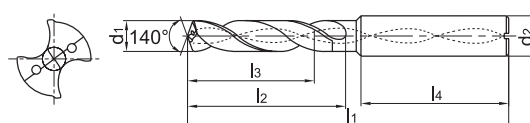
- codolo cilindrico / DIN 6535HA



senza fori



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SU03F0860 | * | | | | | | | ● |
| PP534SU03-0870 | | 8.7 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0870 | * | 8.7 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0880 | | 8.8 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0880 | * | 8.8 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0890 | | 8.9 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0890 | * | 8.9 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0900 | | 9 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0900 | * | 9 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0910 | | 9.1 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0910 | * | 9.1 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0920 | | 9.2 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0920 | * | 9.2 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0930 | | 9.3 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0930 | * | 9.3 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0935 | | 9.35 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534SU03F-0935 | * | 9.35 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534SU03-0940 | | 9.4 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0940 | * | 9.4 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0945 | | 9.45 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534SU03F-0945 | * | 9.45 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534SU03-0950 | | 9.5 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0950 | * | 9.5 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0960 | | 9.6 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0960 | * | 9.6 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0970 | | 9.7 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0970 | * | 9.7 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0980 | | 9.8 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0980 | * | 9.8 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-0990 | | 9.9 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-0990 | * | 9.9 | 10 | 89 | 47 | 35 | 40 | ● |

PUNTE METALLO DURO INTEGRALE



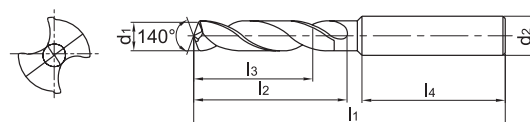
SU : Punta universale

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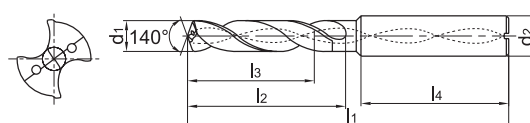
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SU03-1000 | | 10 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03F-1000 | * | 10 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SU03-1010 | | 10.1 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1010 | * | 10.1 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1020 | | 10.2 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1020 | * | 10.2 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1025 | | 10.25 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1025 | * | 10.25 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1030 | | 10.3 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1030 | * | 10.3 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1040 | | 10.4 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1040 | * | 10.4 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1050 | | 10.5 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1050 | * | 10.5 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1060 | | 10.6 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1060 | * | 10.6 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1070 | | 10.7 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1070 | * | 10.7 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1080 | | 10.8 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1080 | * | 10.8 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1090 | | 10.9 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1090 | * | 10.9 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1100 | | 11 | 12 | 102 | 55 | 40 | 45 | ● |
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| PP534SU03-1120 | | 11.2 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1120 | * | 11.2 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1125 | | 11.25 | 12 | 102 | 55 | 40 | 45 | ○ |
| PP534SU03F-1125 | * | 11.25 | 12 | 102 | 55 | 40 | 45 | ○ |
| PP534SU03-1130 | | 11.3 | 12 | 102 | 55 | 40 | 45 | ● |

PUNTE METALLO DURO INTEGRALE



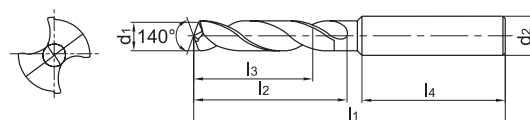
SU : Punta universale

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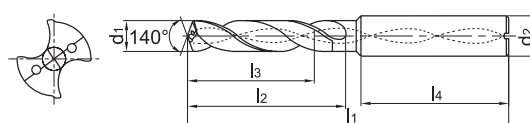
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SU03F-1130 | * | 11.3 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1135 | | 11.35 | 12 | 102 | 55 | 40 | 45 | ○ |
| PP534SU03F-1135 | * | 11.35 | 12 | 102 | 55 | 40 | 45 | ○ |
| PP534SU03-1140 | | 11.4 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1140 | * | 11.4 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1145 | | 11.45 | 12 | 102 | 55 | 40 | 45 | ○ |
| PP534SU03F-1145 | * | 11.45 | 12 | 102 | 55 | 40 | 45 | ○ |
| PP534SU03-1150 | | 11.5 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1150 | * | 11.5 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1160 | | 11.6 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1160 | * | 11.6 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1170 | | 11.7 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1170 | * | 11.7 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1180 | | 11.8 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1180 | * | 11.8 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1190 | | 11.9 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1190 | * | 11.9 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1200 | | 12 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03F-1200 | * | 12 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SU03-1210 | | 12.1 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1210 | * | 12.1 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1220 | | 12.2 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1220 | * | 12.2 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1225 | | 12.25 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1225 | * | 12.25 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1230 | | 12.3 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1230 | * | 12.3 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1250 | | 12.5 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1250 | * | 12.5 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1270 | | 12.7 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1270 | * | 12.7 | 14 | 107 | 60 | 43 | 45 | ● |

PUNTE METALLO DURO INTEGRALE



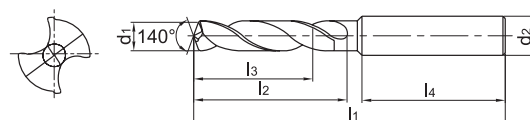
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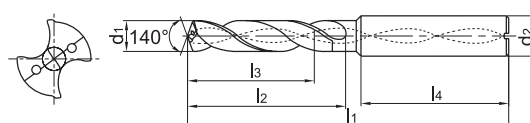
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SU03-1275 | | 12.75 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1275 | * | 12.75 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1280 | | 12.8 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1280 | * | 12.8 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1300 | | 13 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1300 | * | 13 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1310 | | 13.1 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1310 | * | 13.1 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1335 | | 13.35 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SU03F-1335 | * | 13.35 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1350 | | 13.5 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1350 | * | 13.5 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1380 | | 13.8 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1380 | * | 13.8 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1400 | | 14 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1400 | * | 14 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1420 | | 14.2 | 16 | 107 | 60 | 43 | 45 | ● |
| PP534SU03F-1420 | * | 14.2 | 16 | 107 | 60 | 43 | 45 | ● |
| PP534SU03-1425 | | 14.25 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03F-1425 | * | 14.25 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03-1430 | | 14.3 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03F-1430 | * | 14.3 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03-1450 | | 14.5 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03F-1450 | * | 14.5 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03-1475 | | 14.75 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03F-1475 | * | 14.75 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03-1480 | | 14.8 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03F-1480 | * | 14.8 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03-1500 | | 15 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03F-1500 | * | 15 | 16 | 115 | 65 | 45 | 48 | ● |
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PUNTE METALLO DURO INTEGRALE



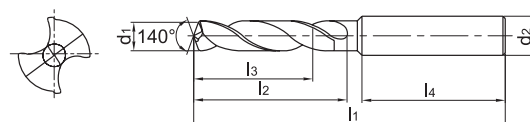
SU : Punta universale

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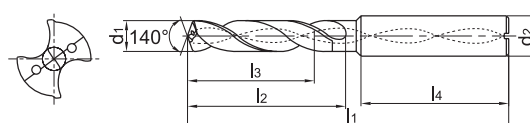
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SU03F-1510 | * | 15.1 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03-1530 | | 15.3 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03-1535 | | 15.35 | 16 | 115 | 65 | 45 | 48 | ○ |
| PP534SU03F-1535 | * | 15.35 | 16 | 115 | 65 | 45 | 48 | ○ |
| PP534SU03-1550 | | 15.5 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03F-1550 | * | 15.5 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03-1580 | | 15.8 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03F-1580 | * | 15.8 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03-1600 | | 16 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03F-1600 | * | 16 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534SU03-1610 | | 16.1 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03-1650 | | 16.5 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03F-1650 | * | 16.5 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03-1675 | | 16.75 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03F-1675 | * | 16.75 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03-1680 | | 16.8 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03F-1680 | * | 16.8 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03-1700 | | 17 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03F-1700 | * | 17 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03-1750 | | 17.5 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03F-1750 | * | 17.5 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03-1780 | | 17.8 | 18 | 123 | 73 | 51 | 48 | ● |
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| PP534SU03-1800 | | 18 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03F-1800 | * | 18 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534SU03-1850 | | 18.5 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534SU03F-1850 | * | 18.5 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534SU03-1880 | | 18.8 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534SU03F-1880 | * | 18.8 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534SU03-1900 | | 19 | 20 | 131 | 79 | 55 | 50 | ● |
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PUNTE METALLO DURO INTEGRALE



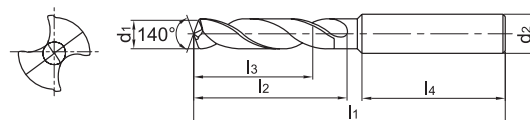
SU : Punta universale

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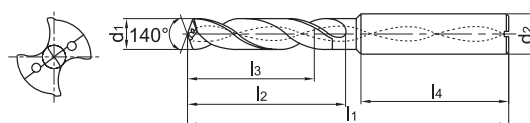
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SU03-1950 | | 19.5 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534SU03F-1950 | * | 19.5 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534SU03-1980 | | 19.8 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534SU03F-1980 | * | 19.8 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534SU03-2000 | | 20 | 20 | 131 | 79 | 55 | 50 | ● |
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PUNTE METALLO DURO INTEGRALE



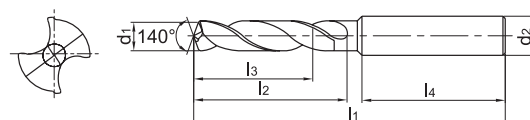
SU : Punta universale

5xD

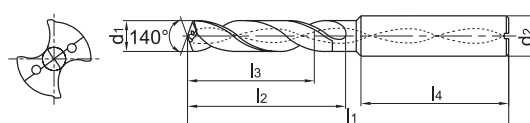
- codolo cilindrico / DIN 6535HA



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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536SU05-0200 | | 2 | 6 | 66 | 28 | 23 | 36 | ○ |
| PP536SU05-0210 | | 2.1 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0220 | | 2.2 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0230 | | 2.3 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0240 | | 2.4 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0250 | | 2.5 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0260 | | 2.6 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0270 | | 2.7 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0280 | | 2.8 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0290 | | 2.9 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0300 | | 3 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05F-0300 | * | 3 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0310 | | 3.1 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05F-0310 | * | 3.1 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0320 | | 3.2 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05F-0320 | * | 3.2 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0325 | | 3.25 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05F-0325 | * | 3.25 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0330 | | 3.3 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05F-0330 | * | 3.3 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0340 | | 3.4 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05F-0340 | * | 3.4 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0350 | | 3.5 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05F-0350 | * | 3.5 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0360 | | 3.6 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05F-0360 | * | 3.6 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0370 | | 3.7 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05F-0370 | * | 3.7 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536SU05-0380 | | 3.8 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05F-0380 | * | 3.8 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05-0390 | | 3.9 | 6 | 74 | 36 | 29 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



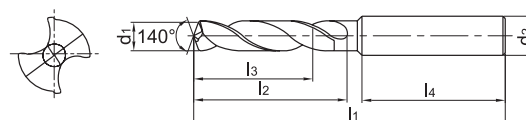
SU : Punta universale

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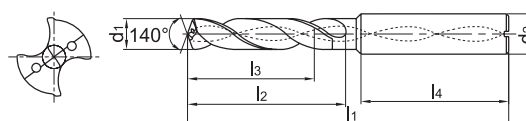
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536SU05F-0390 | * | 3.9 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05-0400 | | 4 | 6 | 74 | 36 | 29 | 36 | ● |
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| PP536SU05-0410 | | 4.1 | 6 | 74 | 36 | 29 | 36 | ● |
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| PP536SU05-0420 | | 4.2 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05F-0420 | * | 4.2 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05-0430 | | 4.3 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05F-0430 | * | 4.3 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05-0440 | | 4.4 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05F-0440 | * | 4.4 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05-0450 | | 4.5 | 6 | 74 | 36 | 29 | 36 | ● |
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| PP536SU05F-0460 | * | 4.6 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05-0465 | | 4.65 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05F-0465 | * | 4.65 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05-0470 | | 4.7 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05F-0470 | * | 4.7 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536SU05-0480 | | 4.8 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0480 | * | 4.8 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0490 | | 4.9 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0490 | * | 4.9 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0500 | | 5 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0500 | * | 5 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0510 | | 5.1 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0510 | * | 5.1 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0520 | | 5.2 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0520 | * | 5.2 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0530 | | 5.3 | 6 | 82 | 44 | 35 | 36 | ● |
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PUNTE METALLO DURO INTEGRALE



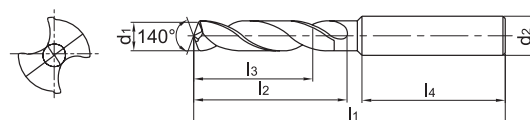
SU : Punta universale

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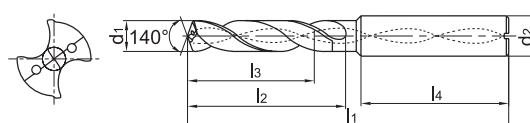
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536SU05-0540 | | 5.4 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0540 | * | 5.4 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0550 | | 5.5 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0550 | * | 5.5 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0555 | | 5.55 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0555 | * | 5.55 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0560 | | 5.6 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0560 | * | 5.6 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0570 | | 5.7 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0570 | * | 5.7 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0580 | | 5.8 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0580 | * | 5.8 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0590 | | 5.9 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0590 | * | 5.9 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0600 | | 6 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05F-0600 | * | 6 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536SU05-0610 | | 6.1 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05F-0610 | * | 6.1 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05-0620 | | 6.2 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05F-0620 | * | 6.2 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05-0630 | | 6.3 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05F-0630 | * | 6.3 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05-0640 | | 6.4 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05F-0640 | * | 6.4 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05-0650 | | 6.5 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05F-0650 | * | 6.5 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05-0660 | | 6.6 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05F-0660 | * | 6.6 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05-0670 | | 6.7 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05F-0670 | * | 6.7 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536SU05-0675 | | 6.75 | 8 | 91 | 53 | 43 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



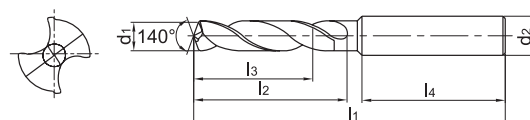
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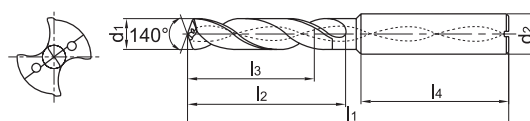
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| codice | * | Dimensioni [mm] | | | | | | stock |
|---------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| 536SU05F-0675 | * | 6.75 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0680 | | 6.8 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0680 | * | 6.8 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0690 | | 6.9 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0690 | * | 6.9 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0700 | | 7 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0700 | * | 7 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0710 | | 7.1 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0710 | * | 7.1 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0720 | | 7.2 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0720 | * | 7.2 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0730 | | 7.3 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0730 | * | 7.3 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0740 | | 7.4 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0740 | * | 7.4 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0745 | * | 7.45 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0750 | | 7.5 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0750 | * | 7.5 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0760 | | 7.6 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0760 | * | 7.6 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0770 | | 7.7 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0770 | * | 7.7 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0780 | | 7.8 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0780 | * | 7.8 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0790 | | 7.9 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0790 | * | 7.9 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0800 | | 8 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05F-0800 | * | 8 | 8 | 91 | 53 | 43 | 36 | ● |
| 536SU05-0810 | | 8.1 | 10 | 103 | 61 | 49 | 40 | ● |
| 536SU05F-0810 | * | 8.1 | 10 | 103 | 61 | 49 | 40 | ● |
| 536SU05-0820 | | 8.2 | 10 | 103 | 61 | 49 | 40 | ● |

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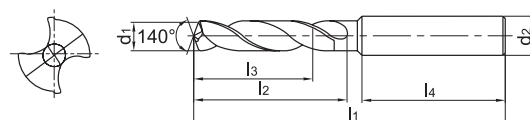
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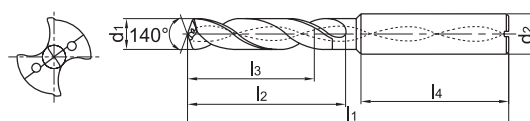
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536SU05F-0820 | * | 8.2 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0830 | | 8.3 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0830 | * | 8.3 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0840 | | 8.4 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0840 | * | 8.4 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0850 | | 8.5 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0850 | * | 8.5 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0860 | | 8.6 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0860 | * | 8.6 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0870 | | 8.7 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0870 | * | 8.7 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0880 | | 8.8 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0880 | * | 8.8 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0890 | | 8.9 | 10 | 103 | 61 | 49 | 40 | ● |
| 536SU05F-0890 | * | 8.9 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0900 | | 9 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0900 | * | 9 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0910 | | 9.1 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0910 | * | 9.1 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0920 | | 9.2 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0920 | * | 9.2 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0930 | | 9.3 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0930 | * | 9.3 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0935 | | 9.35 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0935 | * | 9.35 | 10 | 103 | 61 | 49 | 40 | ○ |
| PP536SU05-0940 | | 9.4 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0940 | * | 9.4 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0945 | | 9.45 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0945 | * | 9.45 | 10 | 103 | 61 | 49 | 40 | ○ |
| PP536SU05-0950 | | 9.5 | 10 | 103 | 61 | 49 | 40 | ● |
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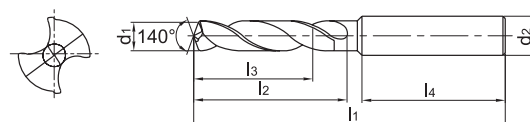
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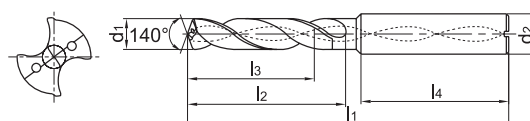
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536SU05-0960 | | 9.6 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0960 | * | 9.6 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0970 | | 9.7 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0970 | * | 9.7 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0980 | | 9.8 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0980 | * | 9.8 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-0990 | | 9.9 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-0990 | * | 9.9 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-1000 | | 10 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05F-1000 | * | 10 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536SU05-1010 | | 10.1 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1010 | * | 10.1 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1020 | | 10.2 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1020 | * | 10.2 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1025 | | 10.25 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1025 | * | 10.25 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1030 | | 10.3 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1030 | * | 10.3 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1040 | | 10.4 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1040 | * | 10.4 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1050 | | 10.5 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1050 | * | 10.5 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1060 | | 10.6 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1060 | * | 10.6 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1070 | | 10.7 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1070 | * | 10.7 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1080 | | 10.8 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1080 | * | 10.8 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1090 | | 10.9 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1090 | * | 10.9 | 12 | 118 | 71 | 56 | 45 | ● |
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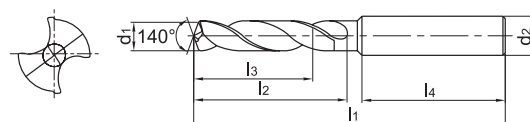
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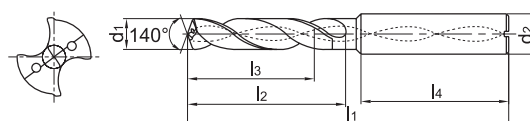
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536SU05F-1100 | * | 11 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1110 | | 11.1 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1110 | * | 11.1 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1120 | | 11.2 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1120 | * | 11.2 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1125 | | 11.25 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1125 | * | 11.25 | 12 | 118 | 71 | 56 | 45 | ○ |
| PP536SU05-1130 | | 11.3 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1130 | * | 11.3 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1135 | | 11.35 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1135 | * | 11.35 | 12 | 118 | 71 | 56 | 45 | ○ |
| PP536SU05-1140 | | 11.4 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1140 | * | 11.4 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1145 | | 11.45 | 12 | 118 | 71 | 56 | 45 | ○ |
| PP536SU05F-1145 | * | 11.45 | 12 | 118 | 71 | 56 | 45 | ○ |
| PP536SU05-1150 | | 11.5 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1150 | * | 11.5 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1160 | | 11.6 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1160 | * | 11.6 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1170 | | 11.7 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1170 | * | 11.7 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1180 | | 11.8 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1180 | * | 11.8 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1190 | | 11.9 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05F-1190 | * | 11.9 | 12 | 118 | 71 | 56 | 45 | ● |
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| PP536SU05F-1200 | * | 12 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536SU05-1210 | | 12.1 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1210 | * | 12.1 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1220 | | 12.2 | 14 | 124 | 77 | 60 | 45 | ● |
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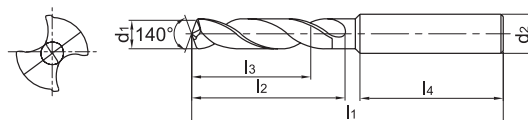
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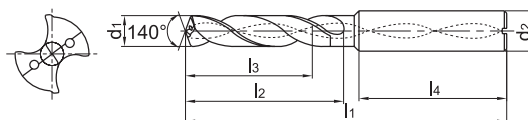
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| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536SU05-1225 | | 12.25 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1225 | * | 12.25 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1230 | | 12.3 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1230 | * | 12.3 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1250 | | 12.5 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1250 | * | 12.5 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1270 | | 12.7 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1270 | * | 12.7 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1275 | | 12.75 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1275 | * | 12.75 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1280 | | 12.8 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1280 | * | 12.8 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1300 | | 13 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1300 | * | 13 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1310 | | 13.1 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1310 | * | 13.1 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1335 | | 13.35 | 14 | 124 | 77 | 60 | 56 | ○ |
| PP536SU05F-1335 | * | 13.35 | 14 | 124 | 77 | 60 | 56 | ○ |
| PP536SU05-1350 | | 13.5 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1350 | * | 13.5 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1380 | | 13.8 | 14 | 124 | 77 | 60 | 45 | ● |
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| PP536SU05F-1400 | * | 14 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1420 | | 14.2 | 16 | 124 | 77 | 60 | 45 | ● |
| PP536SU05F-1420 | * | 14.2 | 16 | 124 | 77 | 60 | 45 | ● |
| PP536SU05-1425 | | 14.25 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05F-1425 | * | 14.25 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05-1430 | | 14.3 | 16 | 133 | 83 | 63 | 48 | ● |
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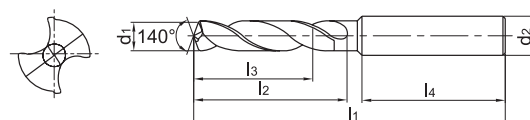
SU : Punta universale

5xD

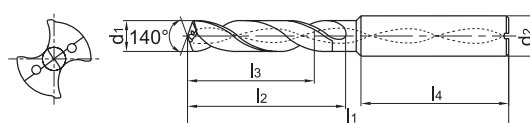
- codolo cilindrico / DIN 6535HA



senza fori



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536SU05F-1450 | * | 14.5 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05-1475 | | 14.75 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05F-1475 | * | 14.75 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05-1480 | | 14.8 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05F-1480 | * | 14.8 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05-1500 | | 15 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05F-1500 | * | 15 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05-1510 | | 15.1 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05F-1510 | * | 15.1 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05F-1530 | * | 15.3 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05-1535 | | 15.35 | 16 | 133 | 83 | 63 | 48 | ○ |
| PP536SU05F-1535 | * | 15.35 | 16 | 133 | 83 | 63 | 48 | ○ |
| PP536SU05-1550 | | 15.5 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05F-1550 | * | 15.5 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05-1580 | | 15.8 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05F-1580 | * | 15.8 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05-1600 | | 16 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05F-1600 | * | 16 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536SU05-1650 | | 16.5 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05F-1650 | * | 16.5 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05-1675 | | 16.75 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05F-1675 | * | 16.75 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05-1680 | | 16.8 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05F-1680 | * | 16.8 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05-1700 | | 17 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05F-1700 | * | 17 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05-1750 | | 17.5 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05F-1750 | * | 17.5 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05-1780 | | 17.8 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05F-1780 | * | 17.8 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05-1800 | | 18 | 18 | 143 | 93 | 71 | 48 | ● |

PUNTE METALLO DURO INTEGRALE



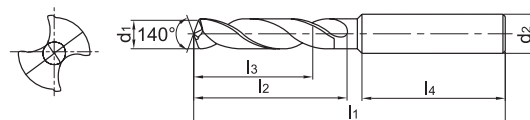
SU : Punta universale

5xD

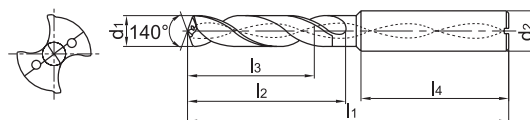
- codolo cilindrico / DIN 6535HA



senza fori



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536SU05F-1800 | * | 18 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536SU05-1850 | | 18.5 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05F-1850 | * | 18.5 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05-1880 | | 18.8 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05F-1880 | * | 18.8 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05-1900 | | 19 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05F-1900 | * | 19 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05-1950 | | 19.5 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05F-1950 | * | 19.5 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05-1980 | | 19.8 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05F-1980 | * | 19.8 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05-2000 | | 20 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536SU05F-2000 | * | 20 | 20 | 153 | 101 | 77 | 50 | ● |

PUNTE METALLO DURO INTEGRALE



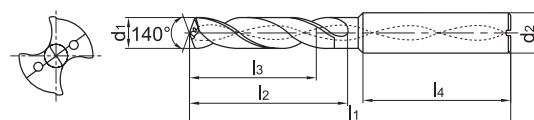
SU : Punta universale

8xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP538SU08F-0300 | * | 3 | 6 | 72 | 34 | 29 | 36 | ● |
| PP538SU08F-0310 | * | 3.1 | 6 | 72 | 34 | 29 | 36 | ● |
| PP538SU08F-0320 | * | 3.2 | 6 | 72 | 34 | 29 | 36 | ● |
| PP538SU08F-0330 | * | 3.3 | 6 | 72 | 34 | 29 | 36 | ● |
| PP538SU08F-0340 | * | 3.4 | 6 | 72 | 34 | 29 | 36 | ● |
| PP538SU08F-0350 | * | 3.5 | 6 | 72 | 34 | 29 | 36 | ● |
| PP538SU08F-0360 | * | 3.6 | 6 | 72 | 34 | 29 | 36 | ● |
| PP538SU08F-0370 | * | 3.7 | 6 | 72 | 34 | 29 | 36 | ● |
| PP538SU08F-0380 | * | 3.8 | 6 | 81 | 43 | 36 | 36 | ● |
| PP538SU08F-0390 | * | 3.9 | 6 | 81 | 43 | 36 | 36 | ● |
| PP538SU08F-0400 | * | 4 | 6 | 81 | 43 | 36 | 36 | ● |
| PP538SU08F-0410 | * | 4.1 | 6 | 81 | 43 | 36 | 36 | ● |
| PP538SU08F-0420 | * | 4.2 | 6 | 81 | 43 | 36 | 36 | ● |
| PP538SU08F-0430 | * | 4.3 | 6 | 81 | 43 | 36 | 36 | ● |
| PP538SU08F-0440 | * | 4.4 | 6 | 81 | 43 | 36 | 36 | ● |
| PP538SU08F-0450 | * | 4.5 | 6 | 81 | 43 | 36 | 36 | ● |
| PP538SU08F-0460 | * | 4.6 | 6 | 81 | 43 | 36 | 36 | ● |
| PP538SU08F-0470 | * | 4.7 | 6 | 81 | 43 | 36 | 36 | ● |
| PP538SU08F-0480 | * | 4.8 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0490 | * | 4.9 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0500 | * | 5 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0510 | * | 5.1 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0520 | * | 5.2 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0530 | * | 5.3 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0540 | * | 5.4 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0550 | * | 5.5 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0560 | * | 5.6 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0570 | * | 5.7 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0580 | * | 5.8 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0590 | * | 5.9 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0600 | * | 6 | 6 | 95 | 57 | 48 | 36 | ● |
| PP538SU08F-0610 | * | 6.1 | 8 | 114 | 76 | 66 | 36 | ● |
| PP538SU08F-0620 | * | 6.2 | 8 | 114 | 76 | 66 | 36 | ● |
| PP538SU08F-0630 | * | 6.3 | 8 | 114 | 76 | 66 | 36 | ● |
| PP538SU08F-0640 | * | 6.4 | 8 | 114 | 76 | 66 | 36 | ● |
| PP538SU08F-0650 | * | 6.5 | 8 | 114 | 76 | 66 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



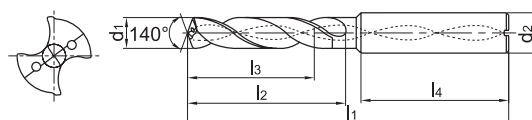
SU : Punta universale

8xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP538SU08F-0660 | * | 6.6 | 8 | 114 | 76 | 66 | 36 | ● |
| PP538SU08F-0670 | * | 6.7 | 8 | 114 | 76 | 66 | 36 | ● |
| PP538SU08F-0680 | * | 6.8 | 8 | 114 | 76 | 66 | 36 | ● |
| PP538SU08F-0690 | * | 6.9 | 8 | 114 | 76 | 66 | 36 | ● |
| PP538SU08F-0700 | * | 7 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0710 | * | 7.1 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0720 | * | 7.2 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0730 | * | 7.3 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0740 | * | 7.4 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0750 | * | 7.5 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0760 | * | 7.6 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0770 | * | 7.7 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0780 | * | 7.8 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0790 | * | 7.9 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0800 | * | 8 | 8 | 116 | 76 | 66 | 36 | ● |
| PP538SU08F-0810 | * | 8.1 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0820 | * | 8.2 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0830 | * | 8.3 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0840 | * | 8.4 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0850 | * | 8.5 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0860 | * | 8.6 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0870 | * | 8.7 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0880 | * | 8.8 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0890 | * | 8.9 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0900 | * | 9 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0910 | * | 9.1 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0920 | * | 9.2 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0930 | * | 9.3 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0940 | * | 9.4 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0950 | * | 9.5 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0960 | * | 9.6 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0970 | * | 9.7 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0980 | * | 9.8 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-0990 | * | 9.9 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-1000 | * | 10 | 10 | 142 | 95 | 83 | 40 | ● |
| PP538SU08F-1010 | * | 10.1 | 12 | 162 | 114 | 99 | 45 | ● |

PUNTE METALLO DURO INTEGRALE



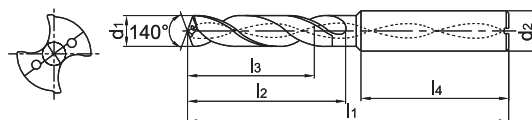
SU : Punta universale

8xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP538SU08F-1020 | * | 10.2 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1030 | * | 10.3 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1040 | * | 10.4 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1050 | * | 10.5 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1060 | * | 10.6 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1070 | * | 10.7 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1080 | * | 10.8 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1090 | * | 10.9 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1100 | * | 11 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1110 | * | 11.1 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1120 | * | 11.2 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1130 | * | 11.3 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1140 | * | 11.4 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1150 | * | 11.5 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1160 | * | 11.6 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1170 | * | 11.7 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1180 | * | 11.8 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1190 | * | 11.9 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1200 | * | 12 | 12 | 162 | 114 | 99 | 45 | ● |
| PP538SU08F-1250 | * | 12.5 | 14 | 178 | 133 | 116 | 45 | ● |
| PP538SU08F-1270 | * | 12.7 | 14 | 178 | 133 | 116 | 45 | ● |
| PP538SU08F-1280 | * | 12.8 | 14 | 178 | 133 | 116 | 45 | ● |
| PP538SU08F-1300 | * | 13 | 14 | 178 | 133 | 116 | 45 | ● |
| PP538SU08F-1350 | * | 13.5 | 14 | 178 | 133 | 116 | 45 | ● |
| PP538SU08F-1400 | * | 14 | 14 | 178 | 133 | 116 | 45 | ● |
| PP538SU08F-1450 | * | 14.5 | 16 | 204 | 152 | 132 | 48 | ● |
| PP538SU08F-1480 | * | 14.8 | 16 | 204 | 152 | 132 | 48 | ● |
| PP538SU08F-1500 | * | 15 | 16 | 204 | 152 | 132 | 48 | ● |
| PP538SU08F-1550 | * | 15.5 | 16 | 204 | 152 | 132 | 48 | ● |
| PP538SU08F-1600 | * | 16 | 16 | 204 | 152 | 132 | 48 | ● |
| PP538SU08F-1650 | * | 16.5 | 18 | 223 | 171 | 149 | 48 | ● |
| PP538SU08F-1700 | * | 17 | 18 | 223 | 171 | 149 | 48 | ● |
| PP538SU08F-1750 | * | 17.5 | 18 | 223 | 171 | 149 | 48 | ● |
| PP538SU08F-1800 | * | 18 | 18 | 223 | 171 | 149 | 48 | ● |

PUNTE METALLO DURO INTEGRALE



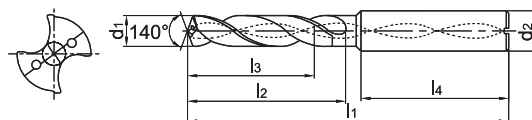
SU : Punta universale

8xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | | stock |
|-------------------|---|---------------------|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m8) | d ₂ (h6) | d ₃ (m7) | l ₁ | l ₂ | l ₄ | l ₅ | |
| PP557SU03-M4 | * | 3.3 | 6 | 4.5 | 66 | 28 | 36 | 11.4 | ● |
| PP557SU03-M5 | * | 4.2 | 6 | 6 | 66 | 28 | 36 | 13.6 | ● |
| PP557SU03-M6 | * | 5 | 8 | 7 | 79 | 41 | 36 | 16.5 | ● |
| PP557SU03-M8 | * | 6.75 | 10 | 9.5 | 89 | 47 | 40 | 21 | ● |
| PP557SU03-M8x1.0 | * | 7 | 10 | 9.8 | 89 | 47 | 40 | 21 | ○ |
| PP557SU03-M10 | * | 8.5 | 12 | 12 | 102 | 55 | 45 | 25.5 | ● |
| PP557SU03-M10x1.0 | * | 9 | 12 | 12 | 102 | 55 | 45 | 25.5 | ○ |
| PP557SU03-M12 | * | 10.25 | 14 | 14 | 107 | 60 | 45 | 30 | ● |
| PP557SU03-M12x1.5 | * | 10.5 | 14 | 14 | 107 | 60 | 45 | 30 | ● |
| PP557SU03-M14 | * | 12 | 16 | 16 | 115 | 65 | 48 | 34.5 | ● |
| PP557SU03-M14x1.5 | * | 12.5 | 16 | 16 | 115 | 65 | 48 | 34.5 | ○ |
| PP557SU03-M16 | * | 14 | 18 | 18 | 123 | 73 | 48 | 38.5 | ● |
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PUNTE METALLO DURO INTEGRALE



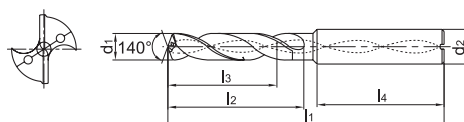
SL : Punta universale

10xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL10F-0300 | * | 3 | 6 | 80 | 43 | 39 | 36 | ● |
| PP588SL10F-0310 | * | 3.1 | 6 | 80 | 43 | 39 | 36 | ● |
| PP588SL10F-0320 | * | 3.2 | 6 | 80 | 43 | 39 | 36 | ● |
| PP588SL10F-0330 | * | 3.3 | 6 | 80 | 43 | 39 | 36 | ● |
| PP588SL10F-0340 | * | 3.4 | 6 | 80 | 43 | 39 | 36 | ● |
| PP588SL10F-0350 | * | 3.5 | 6 | 80 | 43 | 39 | 36 | ● |
| PP588SL10F-0360 | * | 3.6 | 6 | 80 | 43 | 39 | 36 | ● |
| PP588SL10F-0370 | * | 3.7 | 6 | 80 | 43 | 39 | 36 | ● |
| PP588SL10F-0380 | * | 3.8 | 6 | 80 | 43 | 39 | 36 | ● |
| PP588SL10F-0390 | * | 3.9 | 6 | 80 | 43 | 39 | 36 | ● |
| PP588SL10F-0400 | * | 4 | 6 | 92 | 55 | 50 | 36 | ● |
| PP588SL10F-0410 | * | 4.1 | 6 | 92 | 55 | 50 | 36 | ● |
| PP588SL10F-0420 | * | 4.2 | 6 | 92 | 55 | 50 | 36 | ● |
| PP588SL10F-0430 | * | 4.3 | 6 | 92 | 55 | 50 | 36 | ● |
| PP588SL10F-0440 | * | 4.4 | 6 | 92 | 55 | 50 | 36 | ● |
| PP588SL10F-0450 | * | 4.5 | 6 | 92 | 55 | 50 | 36 | ● |
| PP588SL10F-0460 | * | 4.6 | 6 | 92 | 55 | 50 | 36 | ● |
| PP588SL10F-0470 | * | 4.7 | 6 | 92 | 55 | 50 | 36 | ● |
| PP588SL10F-0480 | * | 4.8 | 6 | 92 | 55 | 50 | 36 | ● |
| PP588SL10F-0490 | * | 4.9 | 6 | 92 | 55 | 50 | 36 | ● |
| PP588SL10F-0500 | * | 5 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0510 | * | 5.1 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0520 | * | 5.2 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0530 | * | 5.3 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0540 | * | 5.4 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0550 | * | 5.5 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0560 | * | 5.6 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0570 | * | 5.7 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0580 | * | 5.8 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0590 | * | 5.9 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0600 | * | 6 | 6 | 104 | 68 | 61 | 36 | ● |
| PP588SL10F-0610 | * | 6.1 | 8 | 117 | 80 | 71 | 36 | ● |
| PP588SL10F-0620 | * | 6.2 | 8 | 117 | 80 | 71 | 36 | ● |
| PP588SL10F-0630 | * | 6.3 | 8 | 117 | 80 | 71 | 36 | ● |
| PP588SL10F-0640 | * | 6.4 | 8 | 117 | 80 | 71 | 36 | ● |
| PP588SL10F-0650 | * | 6.5 | 8 | 117 | 80 | 71 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



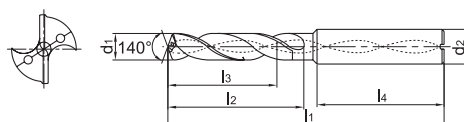
SL : Punta universale

10xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL10F-0660 | * | 6.6 | 8 | 117 | 80 | 71 | 36 | ● |
| PP588SL10F-0670 | * | 6.7 | 8 | 117 | 80 | 71 | 36 | ● |
| PP588SL10F-0680 | * | 6.8 | 8 | 117 | 80 | 71 | 36 | ● |
| PP588SL10F-0690 | * | 6.9 | 8 | 117 | 80 | 71 | 36 | ● |
| PP588SL10F-0700 | * | 7 | 8 | 117 | 80 | 71 | 36 | ● |
| PP588SL10F-0710 | * | 7.1 | 8 | 130 | 94 | 84 | 36 | ● |
| PP588SL10F-0720 | * | 7.2 | 8 | 130 | 94 | 84 | 36 | ● |
| PP588SL10F-0730 | * | 7.3 | 8 | 130 | 94 | 84 | 36 | ● |
| PP588SL10F-0740 | * | 7.4 | 8 | 130 | 94 | 84 | 36 | ● |
| PP588SL10F-0750 | * | 7.5 | 8 | 130 | 94 | 84 | 36 | ● |
| PP588SL10F-0760 | * | 7.6 | 8 | 130 | 94 | 84 | 36 | ● |
| PP588SL10F-0770 | * | 7.7 | 8 | 130 | 94 | 84 | 36 | ● |
| PP588SL10F-0780 | * | 7.8 | 8 | 130 | 94 | 84 | 36 | ● |
| PP588SL10F-0790 | * | 7.9 | 8 | 130 | 94 | 84 | 36 | ● |
| PP588SL10F-0800 | * | 8 | 8 | 130 | 94 | 84 | 36 | ● |
| PP588SL10F-0810 | * | 8.1 | 10 | 148 | 105 | 94 | 40 | ● |
| PP588SL10F-0820 | * | 8.2 | 10 | 148 | 105 | 94 | 40 | ● |
| PP588SL10F-0830 | * | 8.3 | 10 | 148 | 105 | 94 | 40 | ● |
| PP588SL10F-0840 | * | 8.4 | 10 | 148 | 105 | 94 | 40 | ● |
| PP588SL10F-0850 | * | 8.5 | 10 | 148 | 105 | 94 | 40 | ● |
| PP588SL10F-0860 | * | 8.6 | 10 | 148 | 105 | 94 | 40 | ● |
| PP588SL10F-0870 | * | 8.7 | 10 | 148 | 105 | 94 | 40 | ● |
| PP588SL10F-0880 | * | 8.8 | 10 | 148 | 105 | 94 | 40 | ● |
| PP588SL10F-0890 | * | 8.9 | 10 | 148 | 105 | 94 | 40 | ● |
| PP588SL10F-0900 | * | 9 | 10 | 148 | 105 | 94 | 40 | ● |
| PP588SL10F-0910 | * | 9.1 | 10 | 158 | 115 | 103 | 40 | ● |
| PP588SL10F-0920 | * | 9.2 | 10 | 158 | 115 | 103 | 40 | ● |
| PP588SL10F-0930 | * | 9.3 | 10 | 158 | 115 | 103 | 40 | ● |
| PP588SL10F-0940 | * | 9.4 | 10 | 158 | 115 | 103 | 40 | ● |
| PP588SL10F-0950 | * | 9.5 | 10 | 158 | 115 | 103 | 40 | ● |
| PP588SL10F-0960 | * | 9.6 | 10 | 158 | 115 | 103 | 40 | ● |
| PP588SL10F-0970 | * | 9.7 | 10 | 158 | 115 | 103 | 40 | ● |
| PP588SL10F-0980 | * | 9.8 | 10 | 158 | 115 | 103 | 40 | ● |
| PP588SL10F-0990 | * | 9.9 | 10 | 158 | 115 | 103 | 40 | ● |
| PP588SL10F-1000 | * | 10 | 10 | 158 | 115 | 103 | 40 | ● |
| PP588SL10F-1010 | * | 10.1 | 12 | 183 | 135 | 121 | 45 | ● |

PUNTE METALLO DURO INTEGRALE



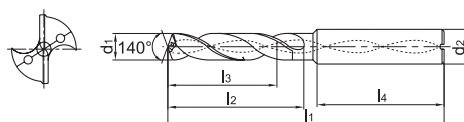
SL : Punta universale

10xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL10F-1020 | * | 10.2 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1030 | * | 10.3 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1040 | * | 10.4 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1050 | * | 10.5 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1060 | * | 10.6 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1070 | * | 10.7 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1080 | * | 10.8 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1090 | * | 10.9 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1100 | * | 11 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1110 | * | 11.1 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1120 | * | 11.2 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1130 | * | 11.3 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1140 | * | 11.4 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1150 | * | 11.5 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1160 | * | 11.6 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1170 | * | 11.7 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1180 | * | 11.8 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1190 | * | 11.9 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1200 | * | 12 | 12 | 183 | 135 | 121 | 45 | ● |
| PP588SL10F-1225 | * | 12.25 | 14 | 209 | 160 | 144 | 45 | ● |
| PP588SL10F-1250 | * | 12.5 | 14 | 209 | 160 | 144 | 45 | ● |
| PP588SL10F-1270 | * | 12.7 | 14 | 209 | 160 | 144 | 45 | ● |
| PP588SL10F-1275 | * | 12.75 | 14 | 209 | 160 | 144 | 45 | ● |
| PP588SL10F-1280 | * | 12.8 | 14 | 209 | 160 | 144 | 45 | ● |
| PP588SL10F-1300 | * | 13 | 14 | 209 | 160 | 144 | 45 | ● |
| PP588SL10F-1310 | * | 13.1 | 14 | 209 | 160 | 144 | 45 | ● |
| PP588SL10F-1350 | * | 13.5 | 14 | 209 | 160 | 144 | 45 | ● |
| PP588SL10F-1380 | * | 13.8 | 14 | 209 | 160 | 144 | 45 | ● |
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PUNTE METALLO DURO INTEGRALE



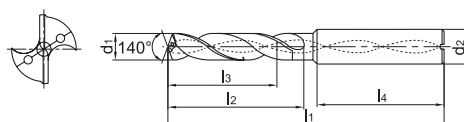
SL : Punta universale

12xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL12F-0300 | * | 3 | 6 | 90 | 50 | 40 | 36 | ● |
| PP588SL12F-0310 | * | 3.1 | 6 | 90 | 50 | 40 | 36 | ● |
| PP588SL12F-0320 | * | 3.2 | 6 | 90 | 50 | 40 | 36 | ● |
| PP588SL12F-0330 | * | 3.3 | 6 | 90 | 50 | 40 | 36 | ● |
| PP588SL12F-0340 | * | 3.4 | 6 | 90 | 50 | 40 | 36 | ● |
| PP588SL12F-0350 | * | 3.5 | 6 | 90 | 50 | 40 | 36 | ● |
| PP588SL12F-0360 | * | 3.6 | 6 | 90 | 50 | 40 | 36 | ● |
| PP588SL12F-0370 | * | 3.7 | 6 | 90 | 50 | 46 | 36 | ● |
| PP588SL12F-0380 | * | 3.8 | 6 | 90 | 50 | 46 | 36 | ● |
| PP588SL12F-0390 | * | 3.9 | 6 | 90 | 50 | 46 | 36 | ● |
| PP588SL12F-0400 | * | 4 | 6 | 102 | 64 | 56 | 36 | ● |
| PP588SL12F-0410 | * | 4.1 | 6 | 102 | 64 | 56 | 36 | ● |
| PP588SL12F-0420 | * | 4.2 | 6 | 102 | 64 | 56 | 36 | ● |
| PP588SL12F-0430 | * | 4.3 | 6 | 102 | 64 | 56 | 36 | ● |
| PP588SL12F-0440 | * | 4.4 | 6 | 102 | 64 | 56 | 36 | ● |
| PP588SL12F-0450 | * | 4.5 | 6 | 102 | 64 | 56 | 36 | ● |
| PP588SL12F-0460 | * | 4.6 | 6 | 102 | 64 | 56 | 36 | ● |
| PP588SL12F-0470 | * | 4.7 | 6 | 102 | 64 | 56 | 36 | ● |
| PP588SL12F-0480 | * | 4.8 | 6 | 102 | 64 | 56 | 36 | ● |
| PP588SL12F-0490 | * | 4.9 | 6 | 102 | 64 | 56 | 36 | ● |
| PP588SL12F-0500 | * | 5 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0510 | * | 5.1 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0520 | * | 5.2 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0530 | * | 5.3 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0540 | * | 5.4 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0550 | * | 5.5 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0560 | * | 5.6 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0570 | * | 5.7 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0580 | * | 5.8 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0590 | * | 5.9 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0600 | * | 6 | 6 | 116 | 78 | 72 | 36 | ● |
| PP588SL12F-0610 | * | 6.1 | 8 | 131 | 93 | 84 | 36 | ● |
| PP588SL12F-0620 | * | 6.2 | 8 | 131 | 93 | 84 | 36 | ● |
| PP588SL12F-0630 | * | 6.3 | 8 | 131 | 93 | 84 | 36 | ● |
| PP588SL12F-0640 | * | 6.4 | 8 | 131 | 93 | 84 | 36 | ● |
| PP588SL12F-0650 | * | 6.5 | 8 | 131 | 93 | 84 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



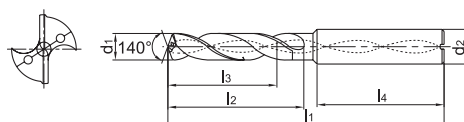
SL : Punta universale

12xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL12F-0660 | * | 6.6 | 8 | 131 | 93 | 84 | 36 | ● |
| PP588SL12F-0670 | * | 6.7 | 8 | 131 | 93 | 84 | 36 | ● |
| PP588SL12F-0680 | * | 6.8 | 8 | 131 | 93 | 84 | 36 | ● |
| PP588SL12F-0690 | * | 6.9 | 8 | 131 | 93 | 84 | 36 | ● |
| PP588SL12F-0700 | * | 7 | 8 | 131 | 93 | 84 | 36 | ● |
| PP588SL12F-0710 | * | 7.1 | 8 | 146 | 108 | 96 | 36 | ● |
| PP588SL12F-0720 | * | 7.2 | 8 | 146 | 108 | 96 | 36 | ● |
| PP588SL12F-0730 | * | 7.3 | 8 | 146 | 108 | 96 | 36 | ● |
| PP588SL12F-0740 | * | 7.4 | 8 | 146 | 108 | 96 | 36 | ● |
| PP588SL12F-0750 | * | 7.5 | 8 | 146 | 108 | 96 | 36 | ● |
| PP588SL12F-0760 | * | 7.6 | 8 | 146 | 108 | 96 | 36 | ● |
| PP588SL12F-0770 | * | 7.7 | 8 | 146 | 108 | 96 | 36 | ● |
| PP588SL12F-0780 | * | 7.8 | 8 | 146 | 108 | 96 | 36 | ● |
| PP588SL12F-0790 | * | 7.9 | 8 | 146 | 108 | 96 | 36 | ● |
| PP588SL12F-0800 | * | 8 | 8 | 146 | 108 | 96 | 36 | ● |
| PP588SL12F-0810 | * | 8.1 | 10 | 162 | 120 | 108 | 40 | ● |
| PP588SL12F-0820 | * | 8.2 | 10 | 162 | 120 | 108 | 40 | ● |
| PP588SL12F-0830 | * | 8.3 | 10 | 162 | 120 | 108 | 40 | ● |
| PP588SL12F-0840 | * | 8.4 | 10 | 162 | 120 | 108 | 40 | ● |
| PP588SL12F-0850 | * | 8.5 | 10 | 162 | 120 | 108 | 40 | ● |
| PP588SL12F-0860 | * | 8.6 | 10 | 162 | 120 | 108 | 40 | ● |
| PP588SL12F-0870 | * | 8.7 | 10 | 162 | 120 | 108 | 40 | ● |
| PP588SL12F-0880 | * | 8.8 | 10 | 162 | 120 | 108 | 40 | ● |
| PP588SL12F-0890 | * | 8.9 | 10 | 162 | 120 | 108 | 40 | ● |
| PP588SL12F-0900 | * | 9 | 10 | 162 | 120 | 108 | 40 | ● |
| PP588SL12F-0910 | * | 9.1 | 10 | 174 | 132 | 120 | 40 | ○ |
| PP588SL12F-0920 | * | 9.2 | 10 | 174 | 132 | 120 | 40 | ● |
| PP588SL12F-0930 | * | 9.3 | 10 | 174 | 132 | 120 | 40 | ● |
| PP588SL12F-0940 | * | 9.4 | 10 | 174 | 132 | 120 | 40 | ● |
| PP588SL12F-0950 | * | 9.5 | 10 | 174 | 132 | 120 | 40 | ● |
| PP588SL12F-0960 | * | 9.6 | 10 | 174 | 132 | 120 | 40 | ○ |
| PP588SL12F-0970 | * | 9.7 | 10 | 174 | 132 | 120 | 40 | ○ |
| PP588SL12F-0980 | * | 9.8 | 10 | 174 | 132 | 120 | 40 | ● |
| PP588SL12F-0990 | * | 9.9 | 10 | 174 | 132 | 120 | 40 | ○ |
| PP588SL12F-1000 | * | 10 | 10 | 174 | 132 | 120 | 40 | ● |
| PP588SL12F-1010 | * | 10.1 | 12 | 204 | 156 | 144 | 45 | ● |

PUNTE METALLO DURO INTEGRALE



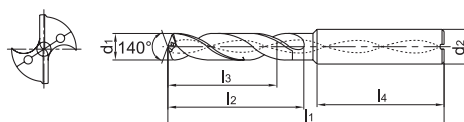
SL : Punta universale

12xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL12F-1020 | * | 10.2 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1030 | * | 10.3 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1040 | * | 10.4 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1050 | * | 10.5 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1060 | * | 10.6 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1070 | * | 10.7 | 12 | 204 | 156 | 144 | 45 | ○ |
| PP588SL12F-1080 | * | 10.8 | 12 | 204 | 156 | 144 | 45 | ○ |
| PP588SL12F-1090 | * | 10.9 | 12 | 204 | 156 | 144 | 45 | ○ |
| PP588SL12F-1100 | * | 11 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1110 | * | 11.1 | 12 | 204 | 156 | 144 | 45 | ○ |
| PP588SL12F-1120 | * | 11.2 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1130 | * | 11.3 | 12 | 204 | 156 | 144 | 45 | ○ |
| PP588SL12F-1140 | * | 11.4 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1150 | * | 11.5 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1160 | * | 11.6 | 12 | 204 | 156 | 144 | 45 | ○ |
| PP588SL12F-1170 | * | 11.7 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1180 | * | 11.8 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1190 | * | 11.9 | 12 | 204 | 156 | 144 | 45 | ○ |
| PP588SL12F-1200 | * | 12 | 12 | 204 | 156 | 144 | 45 | ● |
| PP588SL12F-1250 | * | 12.5 | 14 | 230 | 182 | 168 | 45 | ● |
| PP588SL12F-1270 | * | 12.7 | 14 | 230 | 182 | 168 | 45 | ○ |
| PP588SL12F-1280 | * | 12.8 | 14 | 230 | 182 | 168 | 45 | ○ |
| PP588SL12F-1300 | * | 13 | 14 | 230 | 182 | 168 | 45 | ● |
| PP588SL12F-1350 | * | 13.5 | 14 | 230 | 182 | 168 | 45 | ● |
| PP588SL12F-1400 | * | 14 | 14 | 230 | 182 | 168 | 45 | ● |
| PP588SL12F-1450 | * | 14.5 | 16 | 260 | 208 | 194 | 48 | ○ |
| PP588SL12F-1500 | * | 15 | 16 | 260 | 208 | 194 | 48 | ● |
| PP588SL12F-1550 | * | 15.5 | 16 | 260 | 208 | 194 | 48 | ○ |
| PP588SL12F-1600 | * | 16 | 16 | 260 | 208 | 194 | 48 | ● |
| PP588SL12F-1650 | * | 16.5 | 18 | 286 | 234 | 218 | 48 | ● |
| PP588SL12F-1700 | * | 17 | 18 | 286 | 234 | 218 | 48 | ● |
| PP588SL12F-1750 | * | 17.5 | 18 | 286 | 234 | 218 | 48 | ● |
| PP588SL12F-1800 | * | 18 | 18 | 286 | 234 | 218 | 48 | ● |
| PP588SL12F-1850 | * | 18.5 | 20 | 310 | 258 | 240 | 48 | ● |
| PP588SL12F-1900 | * | 19 | 20 | 310 | 258 | 240 | 48 | ○ |
| PP588SL12F-1950 | * | 19.5 | 20 | 310 | 258 | 240 | 48 | ○ |

PUNTE METALLO DURO INTEGRALE



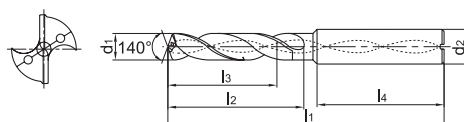
SL : Punta universale

12xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL12F-2000 | * | 20 | 20 | 310 | 258 | 240 | 48 | ● |
| PP588SL12F-2050 | * | 20.5 | 22 | 310 | 258 | 240 | 48 | ○ |
| PP588SL12F-2100 | * | 21 | 22 | 310 | 258 | 240 | 48 | ○ |

PUNTE METALLO DURO INTEGRALE



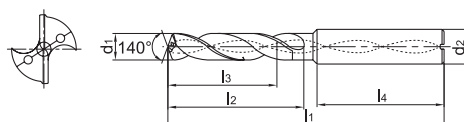
SL : Punta universale

15xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL15F-0300 | * | 3 | 6 | 100 | 60 | 50 | 36 | ● |
| PP588SL15F-0310 | * | 3.1 | 6 | 105 | 65 | 55 | 36 | ● |
| PP588SL15F-0320 | * | 3.2 | 6 | 105 | 65 | 55 | 36 | ● |
| PP588SL15F-0330 | * | 3.3 | 6 | 105 | 65 | 55 | 36 | ● |
| PP588SL15F-0340 | * | 3.4 | 6 | 105 | 65 | 55 | 36 | ● |
| PP588SL15F-0350 | * | 3.5 | 6 | 105 | 65 | 55 | 36 | ● |
| PP588SL15F-0360 | * | 3.6 | 6 | 112 | 72 | 62 | 36 | ○ |
| PP588SL15F-0370 | * | 3.7 | 6 | 112 | 72 | 68 | 36 | ● |
| PP588SL15F-0380 | * | 3.8 | 6 | 112 | 72 | 68 | 36 | ● |
| PP588SL15F-0390 | * | 3.9 | 6 | 112 | 72 | 68 | 36 | ● |
| PP588SL15F-0400 | * | 4 | 6 | 112 | 72 | 64 | 36 | ● |
| PP588SL15F-0410 | * | 4.1 | 6 | 120 | 80 | 72 | 36 | ● |
| PP588SL15F-0420 | * | 4.2 | 6 | 120 | 80 | 72 | 36 | ● |
| PP588SL15F-0430 | * | 4.3 | 6 | 120 | 80 | 72 | 36 | ○ |
| PP588SL15F-0440 | * | 4.4 | 6 | 120 | 80 | 72 | 36 | ○ |
| PP588SL15F-0450 | * | 4.5 | 6 | 120 | 80 | 72 | 36 | ● |
| PP588SL15F-0460 | * | 4.6 | 6 | 128 | 88 | 80 | 36 | ● |
| PP588SL15F-0470 | * | 4.7 | 6 | 128 | 88 | 80 | 36 | ○ |
| PP588SL15F-0480 | * | 4.8 | 6 | 128 | 88 | 80 | 36 | ● |
| PP588SL15F-0490 | * | 4.9 | 6 | 128 | 88 | 80 | 36 | ● |
| PP588SL15F-0500 | * | 5 | 6 | 128 | 88 | 82 | 36 | ● |
| PP588SL15F-0510 | * | 5.1 | 6 | 136 | 96 | 90 | 36 | ● |
| PP588SL15F-0520 | * | 5.2 | 6 | 136 | 96 | 90 | 36 | ○ |
| PP588SL15F-0530 | * | 5.3 | 6 | 136 | 96 | 90 | 36 | ● |
| PP588SL15F-0540 | * | 5.4 | 6 | 136 | 96 | 90 | 36 | ○ |
| PP588SL15F-0550 | * | 5.5 | 6 | 136 | 96 | 90 | 36 | ● |
| PP588SL15F-0560 | * | 5.6 | 6 | 144 | 104 | 98 | 36 | ○ |
| PP588SL15F-0570 | * | 5.7 | 6 | 144 | 104 | 98 | 36 | ○ |
| PP588SL15F-0580 | * | 5.8 | 6 | 144 | 104 | 98 | 36 | ○ |
| PP588SL15F-0590 | * | 5.9 | 6 | 144 | 104 | 98 | 36 | ○ |
| PP588SL15F-0600 | * | 6 | 6 | 144 | 104 | 98 | 36 | ● |
| PP588SL15F-0610 | * | 6.1 | 8 | 152 | 112 | 103 | 36 | ○ |
| PP588SL15F-0620 | * | 6.2 | 8 | 152 | 112 | 103 | 36 | ● |
| PP588SL15F-0630 | * | 6.3 | 8 | 152 | 112 | 103 | 36 | ○ |
| PP588SL15F-0640 | * | 6.4 | 8 | 152 | 112 | 103 | 36 | ● |
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PUNTE METALLO DURO INTEGRALE



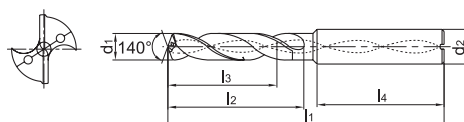
SL : Punta universale

15xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL15F-0660 | * | 6.6 | 8 | 160 | 120 | 111 | 36 | ○ |
| PP588SL15F-0670 | * | 6.7 | 8 | 160 | 120 | 111 | 36 | ● |
| PP588SL15F-0680 | * | 6.8 | 8 | 160 | 120 | 111 | 36 | ○ |
| PP588SL15F-0690 | * | 6.9 | 8 | 160 | 120 | 111 | 36 | ○ |
| PP588SL15F-0700 | * | 7 | 8 | 160 | 120 | 111 | 36 | ● |
| PP588SL15F-0710 | * | 7.1 | 8 | 170 | 130 | 118 | 36 | ● |
| PP588SL15F-0720 | * | 7.2 | 8 | 170 | 130 | 118 | 36 | ● |
| PP588SL15F-0730 | * | 7.3 | 8 | 170 | 130 | 118 | 36 | ○ |
| PP588SL15F-0740 | * | 7.4 | 8 | 170 | 130 | 118 | 36 | ○ |
| PP588SL15F-0750 | * | 7.5 | 8 | 170 | 130 | 118 | 36 | ○ |
| PP588SL15F-0760 | * | 7.6 | 8 | 180 | 140 | 128 | 36 | ○ |
| PP588SL15F-0770 | * | 7.7 | 8 | 180 | 140 | 128 | 36 | ○ |
| PP588SL15F-0780 | * | 7.8 | 8 | 180 | 140 | 128 | 36 | ○ |
| PP588SL15F-0790 | * | 7.9 | 8 | 180 | 140 | 128 | 36 | ○ |
| PP588SL15F-0800 | * | 8 | 8 | 180 | 140 | 128 | 36 | ● |
| PP588SL15F-0810 | * | 8.1 | 10 | 194 | 150 | 138 | 40 | ○ |
| PP588SL15F-0820 | * | 8.2 | 10 | 194 | 150 | 138 | 40 | ○ |
| PP588SL15F-0830 | * | 8.3 | 10 | 194 | 150 | 138 | 40 | ○ |
| PP588SL15F-0840 | * | 8.4 | 10 | 194 | 150 | 138 | 40 | ○ |
| PP588SL15F-0850 | * | 8.5 | 10 | 194 | 150 | 138 | 40 | ● |
| PP588SL15F-0860 | * | 8.6 | 10 | 204 | 160 | 148 | 40 | ● |
| PP588SL15F-0870 | * | 8.7 | 10 | 204 | 160 | 148 | 40 | ○ |
| PP588SL15F-0880 | * | 8.8 | 10 | 204 | 160 | 148 | 40 | ● |
| PP588SL15F-0890 | * | 8.9 | 10 | 204 | 160 | 148 | 40 | ○ |
| PP588SL15F-0900 | * | 9 | 10 | 204 | 160 | 148 | 40 | ● |
| PP588SL15F-0910 | * | 9.1 | 10 | 216 | 172 | 160 | 40 | ○ |
| PP588SL15F-0920 | * | 9.2 | 10 | 216 | 172 | 160 | 40 | ○ |
| PP588SL15F-0930 | * | 9.3 | 10 | 216 | 172 | 160 | 40 | ● |
| PP588SL15F-0940 | * | 9.4 | 10 | 216 | 172 | 160 | 40 | ○ |
| PP588SL15F-0950 | * | 9.5 | 10 | 216 | 172 | 160 | 40 | ● |
| PP588SL15F-0960 | * | 9.6 | 10 | 226 | 182 | 170 | 40 | ○ |
| PP588SL15F-0970 | * | 9.7 | 10 | 226 | 182 | 170 | 40 | ○ |
| PP588SL15F-0980 | * | 9.8 | 10 | 226 | 182 | 170 | 40 | ○ |
| PP588SL15F-0990 | * | 9.9 | 10 | 226 | 182 | 170 | 40 | ○ |
| PP588SL15F-1000 | * | 10 | 10 | 226 | 182 | 170 | 40 | ● |
| PP588SL15F-1010 | * | 10.1 | 12 | 240 | 190 | 178 | 45 | ○ |

PUNTE METALLO DURO INTEGRALE



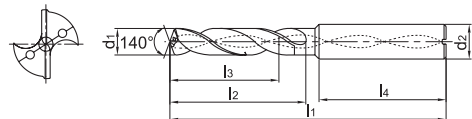
SL : Punta universale

15xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL15F-1020 | * | 10.2 | 12 | 240 | 190 | 178 | 45 | ○ |
| PP588SL15F-1030 | * | 10.3 | 12 | 240 | 190 | 178 | 45 | ○ |
| PP588SL15F-1040 | * | 10.4 | 12 | 240 | 190 | 178 | 45 | ○ |
| PP588SL15F-1050 | * | 10.5 | 12 | 240 | 190 | 178 | 45 | ○ |
| PP588SL15F-1060 | * | 10.6 | 12 | 248 | 198 | 186 | 45 | ○ |
| PP588SL15F-1070 | * | 10.7 | 12 | 248 | 198 | 186 | 45 | ○ |
| PP588SL15F-1080 | * | 10.8 | 12 | 248 | 198 | 186 | 45 | ○ |
| PP588SL15F-1090 | * | 10.9 | 12 | 248 | 198 | 186 | 45 | ○ |
| PP588SL15F-1100 | * | 11 | 12 | 248 | 198 | 186 | 45 | ● |
| PP588SL15F-1110 | * | 11.1 | 12 | 262 | 212 | 200 | 45 | ○ |
| PP588SL15F-1120 | * | 11.2 | 12 | 262 | 212 | 200 | 45 | ○ |
| PP588SL15F-1130 | * | 11.3 | 12 | 262 | 212 | 200 | 45 | ○ |
| PP588SL15F-1140 | * | 11.4 | 12 | 262 | 212 | 200 | 45 | ○ |
| PP588SL15F-1150 | * | 11.5 | 12 | 262 | 212 | 200 | 45 | ● |
| PP588SL15F-1160 | * | 11.6 | 12 | 272 | 222 | 210 | 45 | ○ |
| PP588SL15F-1170 | * | 11.7 | 12 | 272 | 222 | 210 | 45 | ○ |
| PP588SL15F-1180 | * | 11.8 | 12 | 272 | 222 | 210 | 45 | ○ |
| PP588SL15F-1190 | * | 11.9 | 12 | 272 | 222 | 210 | 45 | ○ |
| PP588SL15F-1200 | * | 12 | 12 | 272 | 222 | 210 | 45 | ● |

PUNTE METALLO DURO INTEGRALE



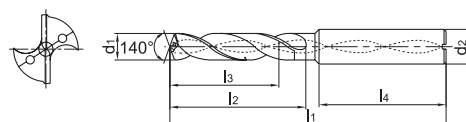
SL : Punta universale

20xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL20F-0300 | * | 3 | 6 | 110 | 70 | 62 | 36 | ● |
| PP588SL20F-0310 | * | 3.1 | 6 | 123 | 83 | 72 | 36 | ● |
| PP588SL20F-0320 | * | 3.2 | 6 | 123 | 83 | 72 | 36 | ● |
| PP588SL20F-0330 | * | 3.3 | 6 | 123 | 83 | 72 | 36 | ● |
| PP588SL20F-0340 | * | 3.4 | 6 | 123 | 83 | 72 | 36 | ● |
| PP588SL20F-0350 | * | 3.5 | 6 | 123 | 83 | 72 | 36 | ● |
| PP588SL20F-0360 | * | 3.6 | 6 | 136 | 96 | 84 | 36 | ● |
| PP588SL20F-0370 | * | 3.7 | 6 | 136 | 96 | 84 | 36 | ● |
| PP588SL20F-0380 | * | 3.8 | 6 | 136 | 96 | 84 | 36 | ● |
| PP588SL20F-0390 | * | 3.9 | 6 | 136 | 96 | 84 | 36 | ● |
| PP588SL20F-0400 | * | 4 | 6 | 136 | 96 | 84 | 36 | ● |
| PP588SL20F-0410 | * | 4.1 | 6 | 148 | 108 | 96 | 36 | ● |
| PP588SL20F-0420 | * | 4.2 | 6 | 148 | 108 | 96 | 36 | ● |
| PP588SL20F-0430 | * | 4.3 | 6 | 148 | 108 | 96 | 36 | ● |
| PP588SL20F-0440 | * | 4.4 | 6 | 148 | 108 | 96 | 36 | ● |
| PP588SL20F-0450 | * | 4.5 | 6 | 148 | 108 | 96 | 36 | ● |
| PP588SL20F-0460 | * | 4.6 | 6 | 158 | 118 | 106 | 36 | ● |
| PP588SL20F-0470 | * | 4.7 | 6 | 158 | 118 | 106 | 36 | ● |
| PP588SL20F-0480 | * | 4.8 | 6 | 158 | 118 | 106 | 36 | ● |
| PP588SL20F-0490 | * | 4.9 | 6 | 158 | 118 | 106 | 36 | ○ |
| PP588SL20F-0500 | * | 5 | 6 | 158 | 118 | 106 | 36 | ● |
| PP588SL20F-0510 | * | 5.1 | 6 | 168 | 128 | 116 | 36 | ● |
| PP588SL20F-0520 | * | 5.2 | 6 | 168 | 128 | 116 | 36 | ● |
| PP588SL20F-0530 | * | 5.3 | 6 | 168 | 128 | 116 | 36 | ● |
| PP588SL20F-0540 | * | 5.4 | 6 | 168 | 128 | 116 | 36 | ● |
| PP588SL20F-0550 | * | 5.5 | 6 | 168 | 128 | 116 | 36 | ● |
| PP588SL20F-0560 | * | 5.6 | 6 | 180 | 140 | 126 | 36 | ● |
| PP588SL20F-0570 | * | 5.7 | 6 | 180 | 140 | 126 | 36 | ● |
| PP588SL20F-0580 | * | 5.8 | 6 | 180 | 140 | 126 | 36 | ● |
| PP588SL20F-0590 | * | 5.9 | 6 | 180 | 140 | 126 | 36 | ● |
| PP588SL20F-0600 | * | 6 | 6 | 180 | 140 | 126 | 36 | ● |
| PP588SL20F-0610 | * | 6.1 | 8 | 192 | 150 | 132 | 36 | ● |
| PP588SL20F-0620 | * | 6.2 | 8 | 192 | 150 | 132 | 36 | ○ |
| PP588SL20F-0630 | * | 6.3 | 8 | 192 | 150 | 132 | 36 | ○ |
| PP588SL20F-0640 | * | 6.4 | 8 | 192 | 150 | 132 | 36 | ○ |
| PP588SL20F-0650 | * | 6.5 | 8 | 192 | 150 | 132 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



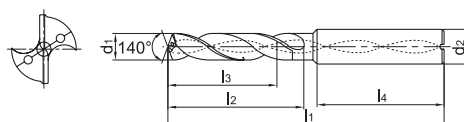
SL : Punta universale

20xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL20F-0660 | * | 6.6 | 8 | 202 | 162 | 144 | 36 | ○ |
| PP588SL20F-0670 | * | 6.7 | 8 | 202 | 162 | 144 | 36 | ○ |
| PP588SL20F-0680 | * | 6.8 | 8 | 202 | 162 | 144 | 36 | ● |
| PP588SL20F-0690 | * | 6.9 | 8 | 202 | 162 | 144 | 36 | ● |
| PP588SL20F-0700 | * | 7 | 8 | 202 | 162 | 144 | 36 | ● |
| PP588SL20F-0710 | * | 7.1 | 8 | 213 | 173 | 155 | 36 | ○ |
| PP588SL20F-0720 | * | 7.2 | 8 | 213 | 173 | 155 | 36 | ● |
| PP588SL20F-0730 | * | 7.3 | 8 | 213 | 173 | 155 | 36 | ○ |
| PP588SL20F-0740 | * | 7.4 | 8 | 213 | 173 | 155 | 36 | ○ |
| PP588SL20F-0750 | * | 7.5 | 8 | 213 | 173 | 155 | 36 | ● |
| PP588SL20F-0760 | * | 7.6 | 8 | 223 | 183 | 165 | 36 | ○ |
| PP588SL20F-0770 | * | 7.7 | 8 | 223 | 183 | 165 | 36 | ○ |
| PP588SL20F-0780 | * | 7.8 | 8 | 223 | 183 | 165 | 36 | ○ |
| PP588SL20F-0790 | * | 7.9 | 8 | 223 | 183 | 165 | 36 | ○ |
| PP588SL20F-0800 | * | 8 | 8 | 223 | 183 | 165 | 36 | ● |
| PP588SL20F-0810 | * | 8.1 | 10 | 239 | 195 | 176 | 40 | ○ |
| PP588SL20F-0820 | * | 8.2 | 10 | 239 | 195 | 176 | 40 | ○ |
| PP588SL20F-0830 | * | 8.3 | 10 | 239 | 195 | 176 | 40 | ○ |
| PP588SL20F-0840 | * | 8.4 | 10 | 239 | 195 | 176 | 40 | ○ |
| PP588SL20F-0850 | * | 8.5 | 10 | 239 | 195 | 176 | 40 | ● |
| PP588SL20F-0860 | * | 8.6 | 10 | 249 | 205 | 186 | 40 | ○ |
| PP588SL20F-0870 | * | 8.7 | 10 | 249 | 205 | 186 | 40 | ○ |
| PP588SL20F-0880 | * | 8.8 | 10 | 249 | 205 | 186 | 40 | ● |
| PP588SL20F-0890 | * | 8.9 | 10 | 249 | 205 | 186 | 40 | ○ |
| PP588SL20F-0900 | * | 9 | 10 | 249 | 205 | 186 | 40 | ● |
| PP588SL20F-0910 | * | 9.1 | 10 | 262 | 218 | 196 | 36 | ○ |
| PP588SL20F-0920 | * | 9.2 | 10 | 262 | 218 | 196 | 36 | ○ |
| PP588SL20F-0930 | * | 9.3 | 10 | 262 | 218 | 196 | 36 | ○ |
| PP588SL20F-0940 | * | 9.4 | 10 | 262 | 218 | 196 | 36 | ○ |
| PP588SL20F-0950 | * | 9.5 | 10 | 262 | 218 | 196 | 36 | ● |
| PP588SL20F-0960 | * | 9.6 | 10 | 272 | 228 | 206 | 40 | ○ |
| PP588SL20F-0970 | * | 9.7 | 10 | 272 | 228 | 206 | 40 | ○ |
| PP588SL20F-0980 | * | 9.8 | 10 | 272 | 228 | 206 | 40 | ○ |
| PP588SL20F-0990 | * | 9.9 | 10 | 272 | 228 | 206 | 40 | ○ |
| PP588SL20F-1000 | * | 10 | 10 | 272 | 228 | 206 | 40 | ● |
| PP588SL20F-1010 | * | 10.1 | 12 | 292 | 242 | 220 | 45 | ○ |

PUNTE METALLO DURO INTEGRALE



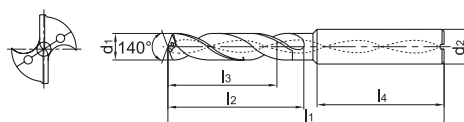
SL : Punta universale

20xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL20F-1020 | * | 10.2 | 12 | 292 | 242 | 220 | 45 | ○ |
| PP588SL20F-1030 | * | 10.3 | 12 | 292 | 242 | 220 | 45 | ○ |
| PP588SL20F-1040 | * | 10.4 | 12 | 292 | 242 | 220 | 45 | ○ |
| PP588SL20F-1050 | * | 10.5 | 12 | 292 | 242 | 220 | 45 | ● |
| PP588SL20F-1060 | * | 10.6 | 12 | 300 | 250 | 228 | 45 | ○ |
| PP588SL20F-1070 | * | 10.7 | 12 | 300 | 250 | 228 | 45 | ○ |
| PP588SL20F-1080 | * | 10.8 | 12 | 300 | 250 | 228 | 45 | ○ |
| PP588SL20F-1090 | * | 10.9 | 12 | 300 | 250 | 228 | 45 | ○ |
| PP588SL20F-1100 | * | 11 | 12 | 300 | 250 | 228 | 45 | ● |
| PP588SL20F-1110 | * | 11.1 | 12 | 315 | 265 | 240 | 45 | ○ |
| PP588SL20F-1120 | * | 11.2 | 12 | 315 | 265 | 240 | 45 | ○ |
| PP588SL20F-1130 | * | 11.3 | 12 | 315 | 265 | 240 | 45 | ○ |
| PP588SL20F-1140 | * | 11.4 | 12 | 315 | 265 | 240 | 45 | ○ |
| PP588SL20F-1150 | * | 11.5 | 12 | 315 | 265 | 240 | 45 | ● |
| PP588SL20F-1160 | * | 11.6 | 12 | 325 | 275 | 250 | 45 | ○ |
| PP588SL20F-1170 | * | 11.7 | 12 | 325 | 275 | 250 | 45 | ○ |
| PP588SL20F-1180 | * | 11.8 | 12 | 325 | 275 | 250 | 45 | ○ |
| PP588SL20F-1190 | * | 11.9 | 12 | 325 | 275 | 250 | 45 | ○ |
| PP588SL20F-1200 | * | 12 | 12 | 325 | 275 | 250 | 45 | ● |
| PP588SL20F-1250 | * | 12.5 | 14 | 325 | 275 | 250 | 45 | ● |
| PP588SL20F-1300 | * | 13 | 14 | 338 | 290 | 265 | 45 | ○ |
| PP588SL20F-1350 | * | 13.5 | 14 | 338 | 290 | 265 | 45 | ○ |
| PP588SL20F-1400 | * | 14 | 14 | 367 | 318 | 290 | 45 | ○ |

PUNTE METALLO DURO INTEGRALE



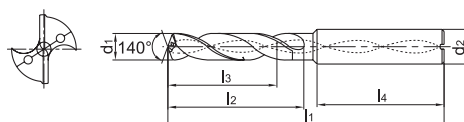
SL : Punta universale

30xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL30F-0300 | * | 3 | 6 | 140 | 100 | 92 | 36 | ● |
| PP588SL30F-0310 | * | 3.1 | 6 | 160 | 120 | 108 | 36 | ● |
| PP588SL30F-0320 | * | 3.2 | 6 | 160 | 120 | 108 | 36 | ● |
| PP588SL30F-0330 | * | 3.3 | 6 | 160 | 120 | 108 | 36 | ○ |
| PP588SL30F-0340 | * | 3.4 | 6 | 160 | 120 | 108 | 36 | ● |
| PP588SL30F-0350 | * | 3.5 | 6 | 160 | 120 | 108 | 36 | ● |
| PP588SL30F-0360 | * | 3.6 | 6 | 176 | 136 | 124 | 36 | ○ |
| PP588SL30F-0370 | * | 3.7 | 6 | 176 | 136 | 124 | 36 | ○ |
| PP588SL30F-0380 | * | 3.8 | 6 | 176 | 136 | 124 | 36 | ● |
| PP588SL30F-0390 | * | 3.9 | 6 | 176 | 136 | 124 | 36 | ● |
| PP588SL30F-0400 | * | 4 | 6 | 176 | 136 | 124 | 36 | ● |
| PP588SL30F-0410 | * | 4.1 | 6 | 192 | 152 | 140 | 36 | ○ |
| PP588SL30F-0420 | * | 4.2 | 6 | 192 | 152 | 140 | 36 | ○ |
| PP588SL30F-0430 | * | 4.3 | 6 | 192 | 152 | 140 | 36 | ○ |
| PP588SL30F-0440 | * | 4.4 | 6 | 192 | 152 | 140 | 36 | ○ |
| PP588SL30F-0450 | * | 4.5 | 6 | 192 | 152 | 140 | 36 | ● |
| PP588SL30F-0460 | * | 4.6 | 6 | 208 | 168 | 156 | 36 | ○ |
| PP588SL30F-0470 | * | 4.7 | 6 | 208 | 168 | 156 | 36 | ● |
| PP588SL30F-0480 | * | 4.8 | 6 | 208 | 168 | 156 | 36 | ● |
| PP588SL30F-0490 | * | 4.9 | 6 | 208 | 168 | 156 | 36 | ● |
| PP588SL30F-0500 | * | 5 | 6 | 208 | 168 | 156 | 36 | ● |
| PP588SL30F-0510 | * | 5.1 | 6 | 228 | 188 | 170 | 36 | ○ |
| PP588SL30F-0520 | * | 5.2 | 6 | 228 | 188 | 170 | 36 | ● |
| PP588SL30F-0530 | * | 5.3 | 6 | 228 | 188 | 170 | 36 | ● |
| PP588SL30F-0540 | * | 5.4 | 6 | 228 | 188 | 170 | 36 | ○ |
| PP588SL30F-0550 | * | 5.5 | 6 | 228 | 188 | 170 | 36 | ● |
| PP588SL30F-0560 | * | 5.6 | 6 | 240 | 200 | 182 | 36 | ○ |
| PP588SL30F-0570 | * | 5.7 | 6 | 240 | 200 | 182 | 36 | ○ |
| PP588SL30F-0580 | * | 5.8 | 6 | 240 | 200 | 182 | 36 | ● |
| PP588SL30F-0590 | * | 5.9 | 6 | 240 | 200 | 182 | 36 | ○ |
| PP588SL30F-0600 | * | 6 | 6 | 240 | 200 | 182 | 36 | ● |
| PP588SL30F-0610 | * | 6.1 | 8 | 260 | 220 | 202 | 36 | ● |
| PP588SL30F-0620 | * | 6.2 | 8 | 260 | 220 | 202 | 36 | ● |
| PP588SL30F-0630 | * | 6.3 | 8 | 260 | 220 | 202 | 36 | ● |
| PP588SL30F-0640 | * | 6.4 | 8 | 260 | 220 | 202 | 36 | ○ |
| PP588SL30F-0650 | * | 6.5 | 8 | 260 | 220 | 202 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



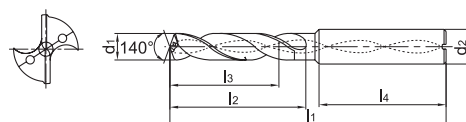
SL : Punta universale

30xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP588SL30F-0660 | * | 6.6 | 8 | 272 | 232 | 214 | 36 | ○ |
| PP588SL30F-0670 | * | 6.7 | 8 | 272 | 232 | 214 | 36 | ○ |
| PP588SL30F-0680 | * | 6.8 | 8 | 272 | 232 | 214 | 36 | ● |
| PP588SL30F-0690 | * | 6.9 | 8 | 272 | 232 | 214 | 36 | ○ |
| PP588SL30F-0700 | * | 7 | 8 | 272 | 232 | 214 | 36 | ● |
| PP588SL30F-0710 | * | 7.1 | 8 | 290 | 250 | 232 | 36 | ○ |
| PP588SL30F-0720 | * | 7.2 | 8 | 290 | 250 | 232 | 36 | ○ |
| PP588SL30F-0730 | * | 7.3 | 8 | 290 | 250 | 232 | 36 | ○ |
| PP588SL30F-0740 | * | 7.4 | 8 | 290 | 250 | 232 | 36 | ○ |
| PP588SL30F-0750 | * | 7.5 | 8 | 290 | 250 | 232 | 36 | ● |
| PP588SL30F-0760 | * | 7.6 | 8 | 305 | 265 | 246 | 36 | ○ |
| PP588SL30F-0770 | * | 7.7 | 8 | 305 | 265 | 246 | 36 | ○ |
| PP588SL30F-0780 | * | 7.8 | 8 | 305 | 265 | 246 | 36 | ● |
| PP588SL30F-0790 | * | 7.9 | 8 | 305 | 265 | 246 | 36 | ○ |
| PP588SL30F-0800 | * | 8 | 8 | 305 | 265 | 246 | 36 | ● |
| PP588SL30F-0810 | * | 8.1 | 10 | 330 | 285 | 265 | 40 | ● |
| PP588SL30F-0820 | * | 8.2 | 10 | 330 | 285 | 265 | 40 | ○ |
| PP588SL30F-0830 | * | 8.3 | 10 | 330 | 285 | 265 | 40 | ○ |
| PP588SL30F-0840 | * | 8.4 | 10 | 330 | 285 | 265 | 40 | ○ |
| PP588SL30F-0850 | * | 8.5 | 10 | 330 | 285 | 265 | 40 | ● |
| PP588SL30F-0860 | * | 8.6 | 10 | 340 | 295 | 275 | 40 | ○ |
| PP588SL30F-0870 | * | 8.7 | 10 | 340 | 295 | 275 | 40 | ○ |
| PP588SL30F-0880 | * | 8.8 | 10 | 340 | 295 | 275 | 40 | ○ |
| PP588SL30F-0890 | * | 8.9 | 10 | 340 | 295 | 275 | 40 | ○ |
| PP588SL30F-0900 | * | 9 | 10 | 340 | 295 | 275 | 40 | ● |
| PP588SL30F-0910 | * | 9.1 | 10 | 360 | 315 | 292 | 40 | ○ |
| PP588SL30F-0920 | * | 9.2 | 10 | 360 | 315 | 292 | 40 | ○ |
| PP588SL30F-0930 | * | 9.3 | 10 | 360 | 315 | 292 | 40 | ○ |
| PP588SL30F-0940 | * | 9.4 | 10 | 360 | 315 | 292 | 40 | ○ |
| PP588SL30F-0950 | * | 9.5 | 10 | 360 | 315 | 292 | 40 | ○ |
| PP588SL30F-0960 | * | 9.6 | 10 | 372 | 328 | 305 | 40 | ○ |
| PP588SL30F-0970 | * | 9.7 | 10 | 372 | 328 | 305 | 40 | ○ |
| PP588SL30F-0980 | * | 9.8 | 10 | 372 | 328 | 305 | 40 | ○ |
| PP588SL30F-0990 | * | 9.9 | 10 | 372 | 328 | 305 | 40 | ○ |
| PP588SL30F-1000 | * | 10 | 10 | 372 | 328 | 305 | 40 | ● |

PUNTE METALLO DURO INTEGRALE



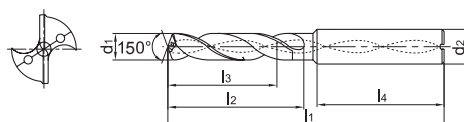
SP : Punta a 150° per PREFORO

3xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (h7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SP03F-0303 | * | 3.03 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SP03F-0313 | * | 3.13 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SP03F-0323 | * | 3.23 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SP03F-0333 | * | 3.33 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SP03F-0343 | * | 3.43 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SP03F-0353 | * | 3.53 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SP03F-0363 | * | 3.63 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SP03F-0373 | * | 3.73 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SP03F-0383 | * | 3.83 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SP03F-0393 | * | 3.93 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SP03F-0403 | * | 4.03 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SP03F-0413 | * | 4.13 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SP03F-0423 | * | 4.23 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SP03F-0433 | * | 4.33 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SP03F-0443 | * | 4.43 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SP03F-0453 | * | 4.53 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SP03F-0463 | * | 4.63 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SP03F-0473 | * | 4.73 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SP03F-0483 | * | 4.83 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0493 | * | 4.93 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0503 | * | 5.03 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0513 | * | 5.13 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0523 | * | 5.23 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0533 | * | 5.33 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0543 | * | 5.43 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0553 | * | 5.53 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0563 | * | 5.63 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0573 | * | 5.73 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0583 | * | 5.83 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0593 | * | 5.93 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0603 | * | 6.03 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SP03F-0613 | * | 6.13 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SP03F-0623 | * | 6.23 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SP03F-0633 | * | 6.33 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SP03F-0643 | * | 6.43 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SP03F-0653 | * | 6.53 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SP03F-0663 | * | 6.63 | 8 | 79 | 34 | 24 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



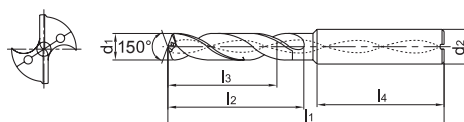
SP : Punta a 150° per PREFORO

3xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (h7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SP03F-0673 | * | 6.73 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SP03F-0683 | * | 6.83 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SP03F-0693 | * | 6.93 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SP03F-0703 | * | 7.03 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SP03F-0713 | * | 7.13 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SP03F-0723 | * | 7.23 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SP03F-0733 | * | 7.33 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SP03F-0743 | * | 7.43 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SP03F-0753 | * | 7.53 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SP03F-0763 | * | 7.63 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SP03F-0773 | * | 7.73 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SP03F-0783 | * | 7.83 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SP03F-0793 | * | 7.93 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SP03F-0803 | * | 8.03 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SP03F-0813 | * | 8.13 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0823 | * | 8.23 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0833 | * | 8.33 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534SP03F-0843 | * | 8.43 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0853 | * | 8.53 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0863 | * | 8.63 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0873 | * | 8.73 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0883 | * | 8.83 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0893 | * | 8.93 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0903 | * | 9.03 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0913 | * | 9.13 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0923 | * | 9.23 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534SP03F-0933 | * | 9.33 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534SP03F-0943 | * | 9.43 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534SP03F-0953 | * | 9.53 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0963 | * | 9.63 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534SP03F-0973 | * | 9.73 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534SP03F-0983 | * | 9.83 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-0993 | * | 9.93 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-1003 | * | 10.03 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SP03F-1013 | * | 10.13 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1023 | * | 10.23 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1033 | * | 10.33 | 12 | 102 | 55 | 40 | 45 | ● |

PUNTE METALLO DURO INTEGRALE



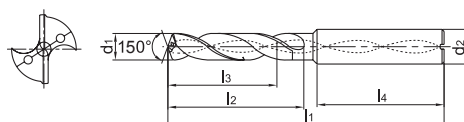
SP : Punta a 150° per PREFORO

3xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (h7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SP03F-1043 | * | 10.43 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1053 | * | 10.53 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1063 | * | 10.63 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1073 | * | 10.73 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1083 | * | 10.83 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1093 | * | 10.93 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1103 | * | 11.03 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1113 | * | 11.13 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1123 | * | 11.23 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1133 | * | 11.33 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1143 | * | 11.43 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1153 | * | 11.53 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1163 | * | 11.63 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1173 | * | 11.73 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1183 | * | 11.83 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1193 | * | 11.93 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1203 | * | 12.03 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SP03F-1213 | * | 12.13 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1223 | * | 12.23 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1233 | * | 12.33 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1243 | * | 12.43 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1253 | * | 12.53 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SP03F-1263 | * | 12.63 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1273 | * | 12.73 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1283 | * | 12.83 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1293 | * | 12.93 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1303 | * | 13.03 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1353 | * | 13.53 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1403 | * | 14.03 | 14 | 107 | 60 | 43 | 45 | ○ |
| PP534SP03F-1453 | * | 14.53 | 16 | 115 | 65 | 45 | 48 | ○ |
| PP534SP03F-1503 | * | 15.03 | 16 | 115 | 65 | 45 | 48 | ○ |
| PP534SP03F-1553 | * | 15.53 | 16 | 115 | 65 | 45 | 48 | ○ |
| PP534SP03F-1603 | * | 16.03 | 16 | 115 | 65 | 45 | 48 | ○ |
| PP534SP03F-1653 | * | 16.53 | 18 | 123 | 73 | 51 | 48 | ○ |
| PP534SP03F-1703 | * | 17.03 | 18 | 123 | 73 | 51 | 48 | ○ |
| PP534SP03F-1753 | * | 17.53 | 18 | 123 | 73 | 51 | 48 | ○ |
| PP534SP03F-1803 | * | 18.03 | 18 | 123 | 73 | 51 | 48 | ○ |

PUNTE METALLO DURO INTEGRALE



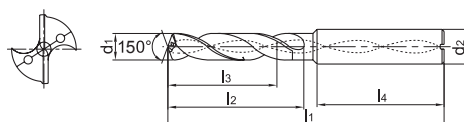
SP : Punta a 150° per PREFORO

3xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (h7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SP03F-1853 | * | 18.53 | 20 | 131 | 79 | 55 | 50 | ○ |
| PP534SP03F-1903 | * | 19.03 | 20 | 131 | 79 | 55 | 50 | ○ |
| PP534SP03F-1953 | * | 19.53 | 20 | 131 | 79 | 55 | 50 | ○ |
| PP534SP03F-2003 | * | 20.03 | 20 | 131 | 79 | 55 | 50 | ○ |

PUNTE METALLO DURO INTEGRALE



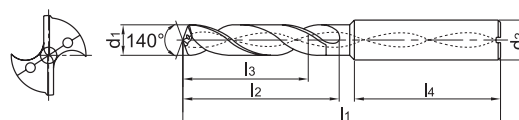
ST : Punta per ACCIAIO / ACCIAIO INOX / SUPER LEGHE

3xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534ST03F-0300 | * | 3 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534ST03F-0310 | * | 3.1 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534ST03F-0320 | * | 3.2 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534ST03F-0325 | * | 3.25 | 6 | 62 | 20 | 14 | 36 | ○ |
| PP534ST03F-0330 | * | 3.3 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534ST03F-0340 | * | 3.4 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534ST03F-0350 | * | 3.5 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534ST03F-0360 | * | 3.6 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534ST03F-0370 | * | 3.7 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534ST03F-0380 | * | 3.8 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534ST03F-0390 | * | 3.9 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534ST03F-0400 | * | 4 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534ST03F-0410 | * | 4.1 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534ST03F-0420 | * | 4.2 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534ST03F-0430 | * | 4.3 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534ST03F-0440 | * | 4.4 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534ST03F-0450 | * | 4.5 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534ST03F-0460 | * | 4.6 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534ST03F-0465 | * | 4.65 | 6 | 66 | 24 | 17 | 36 | ○ |
| PP534ST03F-0470 | * | 4.7 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534ST03F-0480 | * | 4.8 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0490 | * | 4.9 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0500 | * | 5 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0510 | * | 5.1 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0520 | * | 5.2 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0530 | * | 5.3 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0540 | * | 5.4 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0550 | * | 5.5 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0555 | * | 5.55 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0560 | * | 5.6 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0570 | * | 5.7 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0580 | * | 5.8 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0590 | * | 5.9 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0600 | * | 6 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534ST03F-0610 | * | 6.1 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534ST03F-0620 | * | 6.2 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534ST03F-0630 | * | 6.3 | 8 | 79 | 34 | 24 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



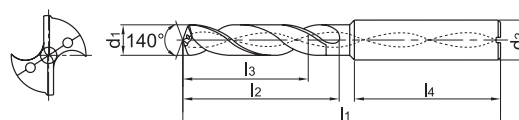
ST : Punta per ACCIAIO / ACCIAIO INOX / SUPER LEGHE

3xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534ST03F-0640 | * | 6.4 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534ST03F-0650 | * | 6.5 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534ST03F-0660 | * | 6.6 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534ST03F-0670 | * | 6.7 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534ST03F-0675 | * | 6.75 | 8 | 79 | 34 | 24 | 36 | ○ |
| PP534ST03F-0690 | * | 6.9 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534ST03F-0700 | * | 7 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534ST03F-0710 | * | 7.1 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534ST03F-0720 | * | 7.2 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534ST03F-0730 | * | 7.3 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534ST03F-0740 | * | 7.4 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534ST03F-0750 | * | 7.5 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534ST03F-0760 | * | 7.6 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534ST03F-0770 | * | 7.7 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534ST03F-0780 | * | 7.8 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534ST03F-0790 | * | 7.9 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534ST03F-0800 | * | 8 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534ST03F-0810 | * | 8.1 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0820 | * | 8.2 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0830 | * | 8.3 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0840 | * | 8.4 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0850 | * | 8.5 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0860 | * | 8.6 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0870 | * | 8.7 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0880 | * | 8.8 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0890 | * | 8.9 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0900 | * | 9 | 10 | 89 | 47 | 35 | 40 | ○ |
| PP534ST03F-0910 | * | 9.1 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0930 | * | 9.3 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0940 | * | 9.4 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0950 | * | 9.5 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0960 | * | 9.6 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0970 | * | 9.7 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0980 | * | 9.8 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-0990 | * | 9.9 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-1000 | * | 10 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534ST03F-1010 | * | 10.1 | 12 | 102 | 55 | 40 | 45 | ● |

PUNTE METALLO DURO INTEGRALE



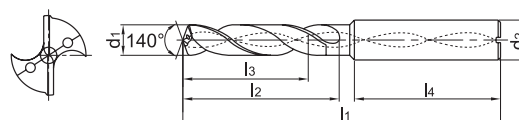
ST : Punta per ACCIAIO / ACCIAIO INOX / SUPER LEGHE

3xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534ST03F-1025 | * | 10.25 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1030 | * | 10.3 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1040 | * | 10.4 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1050 | * | 10.5 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1060 | * | 10.6 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1070 | * | 10.7 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1080 | * | 10.8 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1090 | * | 10.9 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1100 | * | 11 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1110 | * | 11.1 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1120 | * | 11.2 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1130 | * | 11.3 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1140 | * | 11.4 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1150 | * | 11.5 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1160 | * | 11.6 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1170 | * | 11.7 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1180 | * | 11.8 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1190 | * | 11.9 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1200 | * | 12 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534ST03F-1225 | * | 12.25 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1230 | * | 12.3 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1250 | * | 12.5 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1270 | * | 12.7 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1275 | * | 12.75 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1280 | * | 12.8 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1300 | * | 13 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1310 | * | 13.1 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1350 | * | 13.5 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1380 | * | 13.8 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1400 | * | 14 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534ST03F-1425 | * | 14.25 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534ST03F-1430 | * | 14.3 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534ST03F-1450 | * | 14.5 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534ST03F-1475 | * | 14.75 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534ST03F-1480 | * | 14.8 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534ST03F-1500 | * | 15 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534ST03F-1510 | * | 15.1 | 16 | 115 | 65 | 45 | 48 | ● |

PUNTE METALLO DURO INTEGRALE



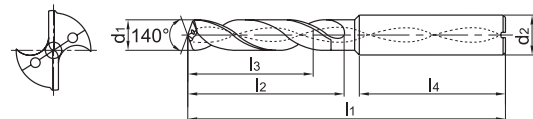
ST : Punta per ACCIAIO / ACCIAIO INOX / SUPER LEGHE

3xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534ST03F-1550 | * | 15.5 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534ST03F-1580 | * | 15.8 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534ST03F-1600 | * | 16 | 16 | 115 | 65 | 45 | 48 | ● |
| PP534ST03F-1650 | * | 16.5 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534ST03F-1675 | * | 16.75 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534ST03F-1680 | * | 16.8 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534ST03F-1700 | * | 17 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534ST03F-1750 | * | 17.5 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534ST03F-1780 | * | 17.8 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534ST03F-1800 | * | 18 | 18 | 123 | 73 | 51 | 48 | ● |
| PP534ST03F-1850 | * | 18.5 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534ST03F-1880 | * | 18.8 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534ST03F-1900 | * | 19 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534ST03F-1950 | * | 19.5 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534ST03F-1980 | * | 19.8 | 20 | 131 | 79 | 55 | 50 | ● |
| PP534ST03F-2000 | * | 20 | 20 | 131 | 79 | 55 | 50 | ● |

PUNTE METALLO DURO INTEGRALE



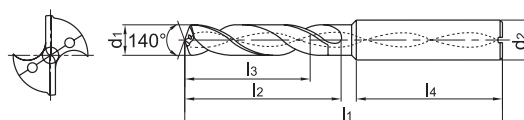
ST : Punta per ACCIAIO / ACCIAIO INOX / SUPER LEGHE

5xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536ST05F-0300 | * | 3 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536ST05F-0310 | * | 3.1 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536ST05F-0320 | * | 3.2 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536ST05F-0325 | * | 3.25 | 6 | 66 | 28 | 23 | 36 | ○ |
| PP536ST05F-0330 | * | 3.3 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536ST05F-0340 | * | 3.4 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536ST05F-0350 | * | 3.5 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536ST05F-0360 | * | 3.6 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536ST05F-0370 | * | 3.7 | 6 | 66 | 28 | 23 | 36 | ● |
| PP536ST05F-0380 | * | 3.8 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536ST05F-0390 | * | 3.9 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536ST05F-0400 | * | 4 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536ST05F-0410 | * | 4.1 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536ST05F-0420 | * | 4.2 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536ST05F-0430 | * | 4.3 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536ST05F-0440 | * | 4.4 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536ST05F-0450 | * | 4.5 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536ST05F-0460 | * | 4.6 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536ST05F-0465 | * | 4.65 | 6 | 74 | 36 | 29 | 36 | ○ |
| PP536ST05F-0470 | * | 4.7 | 6 | 74 | 36 | 29 | 36 | ● |
| PP536ST05F-0480 | * | 4.8 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0490 | * | 4.9 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0500 | * | 5 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0510 | * | 5.1 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0520 | * | 5.2 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0530 | * | 5.3 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0540 | * | 5.4 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0550 | * | 5.5 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0555 | * | 5.55 | 6 | 82 | 44 | 35 | 36 | ○ |
| PP536ST05F-0560 | * | 5.6 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0570 | * | 5.7 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0580 | * | 5.8 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0590 | * | 5.9 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0600 | * | 6 | 6 | 82 | 44 | 35 | 36 | ● |
| PP536ST05F-0610 | * | 6.1 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0620 | * | 6.2 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0630 | * | 6.3 | 8 | 91 | 53 | 43 | 36 | ● |

PUNTE METALLO DURO INTEGRALE



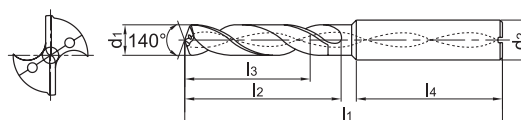
ST : Punta per ACCIAIO / ACCIAIO INOX / SUPER LEGHE

5xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536ST05F-0640 | * | 6.4 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0650 | * | 6.5 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0660 | * | 6.6 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0670 | * | 6.7 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0675 | * | 6.75 | 8 | 91 | 53 | 43 | 36 | ○ |
| PP536ST05F-0680 | * | 6.8 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0690 | * | 6.9 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0700 | * | 7 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0710 | * | 7.1 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0720 | * | 7.2 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0730 | * | 7.3 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0740 | * | 7.4 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0750 | * | 7.5 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0760 | * | 7.6 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0770 | * | 7.7 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0780 | * | 7.8 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0790 | * | 7.9 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0800 | * | 8 | 8 | 91 | 53 | 43 | 36 | ● |
| PP536ST05F-0810 | * | 8.1 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0820 | * | 8.2 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0830 | * | 8.3 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0840 | * | 8.4 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0850 | * | 8.5 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0860 | * | 8.6 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0870 | * | 8.7 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0880 | * | 8.8 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0890 | * | 8.9 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0900 | * | 9 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0910 | * | 9.1 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0920 | * | 9.2 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0930 | * | 9.3 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0940 | * | 9.4 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0950 | * | 9.5 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0960 | * | 9.6 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0970 | * | 9.7 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0980 | * | 9.8 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-0990 | * | 9.9 | 10 | 103 | 61 | 49 | 40 | ● |

PUNTE METALLO DURO INTEGRALE



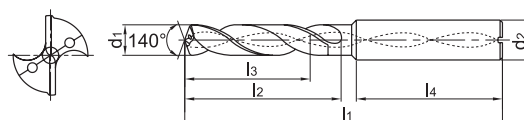
ST : Punta per ACCIAIO / ACCIAIO INOX / SUPER LEGHE

5xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536ST05F-1000 | * | 10 | 10 | 103 | 61 | 49 | 40 | ● |
| PP536ST05F-1010 | * | 10.1 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1020 | * | 10.2 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1025 | * | 10.25 | 12 | 118 | 71 | 56 | 45 | ○ |
| PP536ST05F-1030 | * | 10.3 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1040 | * | 10.4 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1050 | * | 10.5 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1060 | * | 10.6 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1070 | * | 10.7 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1080 | * | 10.8 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1090 | * | 10.9 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1100 | * | 11 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1110 | * | 11.1 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1120 | * | 11.2 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1130 | * | 11.3 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1140 | * | 11.4 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1150 | * | 11.5 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1160 | * | 11.6 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1170 | * | 11.7 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1180 | * | 11.8 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1190 | * | 11.9 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1200 | * | 12 | 12 | 118 | 71 | 56 | 45 | ● |
| PP536ST05F-1220 | * | 12.2 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536ST05F-1225 | * | 12.25 | 14 | 124 | 77 | 60 | 45 | ○ |
| PP536ST05F-1230 | * | 12.3 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536ST05F-1250 | * | 12.5 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536ST05F-1270 | * | 12.7 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536ST05F-1275 | * | 12.75 | 14 | 124 | 77 | 60 | 45 | ○ |
| PP536ST05F-1280 | * | 12.8 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536ST05F-1300 | * | 13 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536ST05F-1310 | * | 13.1 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536ST05F-1350 | * | 13.5 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536ST05F-1380 | * | 13.8 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536ST05F-1400 | * | 14 | 14 | 124 | 77 | 60 | 45 | ● |
| PP536ST05F-1425 | * | 14.25 | 16 | 133 | 83 | 63 | 48 | ○ |
| PP536ST05F-1430 | * | 14.3 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536ST05F-1450 | * | 14.5 | 16 | 133 | 83 | 63 | 48 | ● |

PUNTE METALLO DURO INTEGRALE



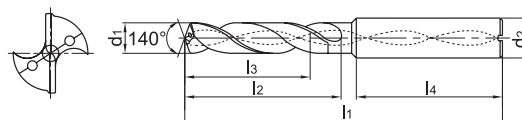
ST : Punta per ACCIAIO / ACCIAIO INOX / SUPER LEGHE

3xD

- codolo cilindrico / DIN 6535HA



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP536ST05F-1475 | * | 14.75 | 16 | 133 | 83 | 63 | 48 | ○ |
| PP536ST05F-1480 | * | 14.8 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536ST05F-1500 | * | 15 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536ST05F-1510 | * | 15.1 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536ST05F-1550 | * | 15.5 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536ST05F-1580 | * | 15.8 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536ST05F-1600 | * | 16 | 16 | 133 | 83 | 63 | 48 | ● |
| PP536ST05F-1650 | * | 16.5 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536ST05F-1675 | * | 16.75 | 18 | 143 | 93 | 71 | 48 | ○ |
| PP536ST05F-1680 | * | 16.8 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536ST05F-1700 | * | 17 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536ST05F-1750 | * | 17.5 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536ST05F-1780 | * | 17.8 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536ST05F-1800 | * | 18 | 18 | 143 | 93 | 71 | 48 | ● |
| PP536ST05F-1850 | * | 18.5 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536ST05F-1880 | * | 18.8 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536ST05F-1900 | * | 19 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536ST05F-1950 | * | 19.5 | 20 | 153 | 101 | 77 | 50 | ● |
| PP536ST05F-1980 | * | 19.8 | 20 | 153 | 101 | 77 | 50 | ○ |
| PP536ST05F-2000 | * | 20 | 20 | 153 | 101 | 77 | 50 | ○ |

PUNTE METALLO DURO INTEGRALE



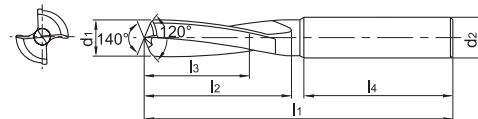
SH : Punta per ACCIAI TEMPRATI

3xD

- codolo cilindrico / DIN 6535HA



senza fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP534SH03-0300 | | 3 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SH03-0330 | | 3.3 | 6 | 62 | 20 | 14 | 36 | ● |
| PP534SH03-0400 | | 4 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SH03-0420 | | 4.2 | 6 | 66 | 24 | 17 | 36 | ● |
| PP534SH03-0500 | | 5 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SH03-0600 | | 6 | 6 | 66 | 28 | 20 | 36 | ● |
| PP534SH03-0675 | | 6.75 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SH03-0700 | | 7 | 8 | 79 | 34 | 24 | 36 | ● |
| PP534SH03-0800 | | 8 | 8 | 79 | 41 | 29 | 36 | ● |
| PP534SH03-0850 | | 8.5 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SH03-0900 | | 9 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SH03-1000 | | 10 | 10 | 89 | 47 | 35 | 40 | ● |
| PP534SH03-1025 | | 10.25 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SH03-1050 | | 10.5 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SH03-1200 | | 12 | 12 | 102 | 55 | 40 | 45 | ● |
| PP534SH03-1250 | | 12.5 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SH03-1400 | | 14 | 14 | 107 | 60 | 43 | 45 | ● |
| PP534SH03-1450 | | 14.5 | 16 | 115 | 65 | 45 | 48 | ○ |
| PP534SH03-1600 | | 16 | 16 | 115 | 65 | 45 | 48 | ● |

PUNTE METALLO DURO INTEGRALE

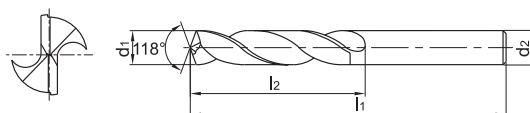


SC : Punta per MATERIALI NON FERROSI

3xD



senza fori



| codice | * | Dimensioni [mm] | | | | stock |
|----------------|---|---------------------|---------------------|----------------|----------------|-------|
| | | d ₁ (h8) | d ₂ (h7) | l ₁ | l ₂ | |
| PP105SC03-0200 | | 2 | 2 | 38 | 12 | ● |
| PP105SC03-0250 | | 2.5 | 2.5 | 43 | 14 | ● |
| PP105SC03-0280 | | 2.8 | 2.8 | 46 | 16 | ● |
| PP105SC03-0300 | | 3 | 3 | 46 | 16 | ● |
| PP105SC03-0310 | | 3.1 | 3.1 | 49 | 18 | ● |
| PP105SC03-0320 | | 3.2 | 3.2 | 49 | 18 | ● |
| PP105SC03-0330 | | 3.3 | 3.3 | 49 | 18 | ● |
| PP105SC03-0340 | | 3.4 | 3.4 | 52 | 20 | ● |
| PP105SC03-0350 | | 3.5 | 3.5 | 52 | 20 | ● |
| PP105SC03-0360 | | 3.6 | 3.6 | 52 | 20 | ● |
| PP105SC03-0370 | | 3.7 | 3.7 | 52 | 20 | ● |
| PP105SC03-0380 | | 3.8 | 3.8 | 55 | 22 | ● |
| PP105SC03-0390 | | 3.9 | 3.9 | 55 | 22 | ● |
| PP105SC03-0400 | | 4 | 4 | 55 | 22 | ● |
| PP105SC03-0410 | | 4.1 | 4.1 | 55 | 22 | ● |
| PP105SC03-0420 | | 4.2 | 4.2 | 55 | 22 | ● |
| PP105SC03-0430 | | 4.3 | 4.3 | 58 | 24 | ● |
| PP105SC03-0440 | | 4.4 | 4.4 | 58 | 24 | ● |
| PP105SC03-0450 | | 4.5 | 4.5 | 58 | 24 | ● |
| PP105SC03-0460 | | 4.6 | 4.6 | 58 | 24 | ● |
| PP105SC03-0470 | | 4.7 | 4.7 | 58 | 24 | ○ |
| PP105SC03-0480 | | 4.8 | 4.8 | 62 | 26 | ● |
| PP105SC03-0490 | | 4.9 | 4.9 | 62 | 26 | ● |
| PP105SC03-0500 | | 5 | 5 | 62 | 26 | ● |
| PP105SC03-0510 | | 5.1 | 5.1 | 62 | 26 | ● |
| PP105SC03-0520 | | 5.2 | 5.2 | 62 | 26 | ● |
| PP105SC03-0530 | | 5.3 | 5.3 | 62 | 26 | ● |
| PP105SC03-0540 | | 5.4 | 5.4 | 66 | 28 | ● |
| PP105SC03-0550 | | 5.5 | 5.5 | 66 | 28 | ● |
| PP105SC03-0560 | | 5.6 | 5.6 | 66 | 28 | ● |
| PP105SC03-0570 | | 5.7 | 5.7 | 66 | 28 | ● |
| PP105SC03-0580 | | 5.8 | 5.8 | 66 | 28 | ● |
| PP105SC03-0590 | | 5.9 | 5.9 | 66 | 28 | ○ |
| PP105SC03-0600 | | 6 | 6 | 66 | 28 | ● |
| PP105SC03-0610 | | 6.1 | 6.1 | 70 | 31 | ● |
| PP105SC03-0620 | | 6.2 | 6.2 | 70 | 31 | ● |
| PP105SC03-0630 | | 6.3 | 6.3 | 70 | 31 | ● |
| PP105SC03-0640 | | 6.4 | 6.4 | 70 | 31 | ● |

PUNTE METALLO DURO INTEGRALE

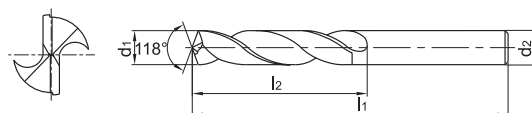


SC : Punta per MATERIALI NON FERROSI

3xD



senza fori



| codice | * | Dimensioni [mm] | | | | stock |
|----------------|---|---------------------|---------------------|----------------|----------------|-------|
| | | d ₁ (h8) | d ₂ (h7) | l ₁ | l ₂ | |
| PP105SC03-0650 | | 6.5 | 6.5 | 70 | 31 | ● |
| PP105SC03-0660 | | 6.6 | 6.6 | 70 | 31 | ● |
| PP105SC03-0670 | | 6.7 | 6.7 | 70 | 31 | ● |
| PP105SC03-0680 | | 6.8 | 6.8 | 74 | 34 | ● |
| PP105SC03-0690 | | 6.9 | 6.9 | 74 | 34 | ○ |
| PP105SC03-0700 | | 7 | 7 | 74 | 34 | ● |
| PP105SC03-0710 | | 7.1 | 7.1 | 74 | 34 | ● |
| PP105SC03-0720 | | 7.2 | 7.2 | 74 | 34 | ○ |
| PP105SC03-0730 | | 7.3 | 7.3 | 74 | 34 | ○ |
| PP105SC03-0740 | | 7.4 | 7.4 | 74 | 34 | ● |
| PP105SC03-0750 | | 7.5 | 7.5 | 74 | 34 | ● |
| PP105SC03-0760 | | 7.6 | 7.6 | 79 | 37 | ○ |
| PP105SC03-0770 | | 7.7 | 7.7 | 79 | 37 | ○ |
| PP105SC03-0780 | | 7.8 | 7.8 | 79 | 37 | ● |
| PP105SC03-0790 | | 7.9 | 7.9 | 79 | 37 | ● |
| PP105SC03-0800 | | 8 | 8 | 79 | 37 | ● |
| PP105SC03-0810 | | 8.1 | 8.1 | 79 | 37 | ● |
| PP105SC03-0820 | | 8.2 | 8.2 | 79 | 37 | ● |
| PP105SC03-0830 | | 8.3 | 8.3 | 79 | 37 | ○ |
| PP105SC03-0840 | | 8.4 | 8.4 | 79 | 37 | ● |
| PP105SC03-0850 | | 8.5 | 8.5 | 79 | 37 | ● |
| PP105SC03-0860 | | 8.6 | 8.6 | 84 | 40 | ● |
| PP105SC03-0870 | | 8.7 | 8.7 | 84 | 40 | ● |
| PP105SC03-0880 | | 8.8 | 8.8 | 84 | 40 | ○ |
| PP105SC03-0890 | | 8.9 | 8.9 | 84 | 40 | ○ |
| PP105SC03-0900 | | 9 | 9 | 84 | 40 | ● |
| PP105SC03-0910 | | 9.1 | 9.1 | 84 | 40 | ● |
| PP105SC03-0920 | | 9.2 | 9.2 | 84 | 40 | ● |
| PP105SC03-0930 | | 9.3 | 9.3 | 84 | 40 | ● |
| PP105SC03-0940 | | 9.4 | 9.4 | 84 | 40 | ○ |
| PP105SC03-0950 | | 9.5 | 9.5 | 84 | 40 | ● |
| PP105SC03-0960 | | 9.6 | 9.6 | 89 | 43 | ○ |
| PP105SC03-0970 | | 9.7 | 9.7 | 89 | 43 | ○ |
| PP105SC03-0980 | | 9.8 | 9.8 | 89 | 43 | ● |
| PP105SC03-0990 | | 9.9 | 9.9 | 89 | 43 | ● |
| PP105SC03-1000 | | 10 | 10 | 89 | 43 | ● |
| PP105SC03-1010 | | 10.1 | 10.1 | 89 | 43 | ● |
| PP105SC03-1020 | | 10.2 | 10.2 | 89 | 43 | ● |

PUNTE METALLO DURO INTEGRALE

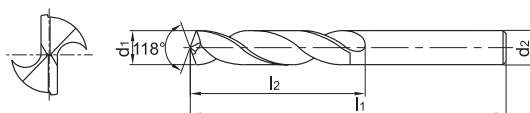


SC : Punta per MATERIALI NON FERROSI

3xD



senza fori



| codice | * | Dimensioni [mm] | | | | stock |
|----------------|---|---------------------|---------------------|----------------|----------------|-------|
| | | d ₁ (h8) | d ₂ (h7) | l ₁ | l ₂ | |
| PP105SC03-1040 | | 10.4 | 10.4 | 89 | 43 | ● |
| PP105SC03-1050 | | 10.5 | 10.5 | 89 | 43 | ● |
| PP105SC03-1070 | | 10.7 | 10.7 | 95 | 47 | ○ |
| PP105SC03-1080 | | 10.8 | 10.8 | 95 | 47 | ○ |
| PP105SC03-1100 | | 11 | 11 | 95 | 47 | ● |
| PP105SC03-1150 | | 11.5 | 11.5 | 95 | 47 | ● |
| PP105SC03-1200 | | 12 | 12 | 102 | 51 | ● |
| PP105SC03-1250 | | 12.5 | 12.5 | 102 | 51 | ● |
| PP105SC03-1280 | | 12.8 | 12.8 | 102 | 51 | ○ |
| PP105SC03-1300 | | 13 | 13 | 102 | 51 | ● |
| PP105SC03-1310 | | 13.1 | 13.1 | 102 | 51 | ○ |
| PP105SC03-1350 | | 13.5 | 13.5 | 107 | 54 | ○ |
| PP105SC03-1400 | | 14 | 14 | 107 | 54 | ● |
| PP105SC03-1430 | | 14.3 | 14.3 | 111 | 56 | ○ |
| PP105SC03-1450 | | 14.5 | 14.5 | 111 | 56 | ○ |
| PP105SC03-1500 | | 15 | 15 | 111 | 56 | ● |
| PP105SC03-1600 | | 16 | 16 | 115 | 58 | ● |

PUNTE METALLO DURO INTEGRALE

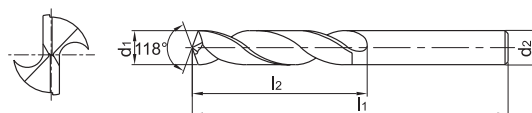


SC : Punta per MATERIALI NON FERROSI

5xD



senza fori



| Codice | * | Dimensioni [mm] | | | | stock |
|----------------|---|---------------------|---------------------|----------------|----------------|-------|
| | | d ₁ (h8) | d ₂ (h7) | l ₁ | l ₂ | |
| PP101SC05-0200 | | 2 | 2 | 49 | 24 | ● |
| PP101SC05-0250 | | 2.5 | 2.5 | 57 | 30 | ● |
| PP101SC05-0280 | | 2.8 | 2.8 | 61 | 33 | ● |
| PP101SC05-0300 | | 3 | 3 | 61 | 33 | ● |
| PP101SC05-0350 | | 3.5 | 3.5 | 70 | 39 | ● |
| PP101SC05-0380 | | 3.8 | 3.8 | 75 | 43 | ● |
| PP101SC05-0400 | | 4 | 4 | 75 | 43 | ● |
| PP101SC05-0420 | | 4.2 | 4.2 | 75 | 43 | ● |
| PP101SC05-0450 | | 4.5 | 4.5 | 80 | 47 | ● |
| PP101SC05-0480 | | 4.8 | 4.8 | 86 | 52 | ● |
| PP101SC05-0500 | | 5 | 5 | 86 | 52 | ● |
| PP101SC05-0550 | | 5.5 | 5.5 | 93 | 57 | ● |
| PP101SC05-0580 | | 5.8 | 5.8 | 93 | 57 | ● |
| PP101SC05-0600 | | 6 | 6 | 93 | 57 | ● |
| PP101SC05-0650 | | 6.5 | 6.5 | 101 | 63 | ● |
| PP101SC05-0680 | | 6.8 | 6.8 | 109 | 69 | ● |
| PP101SC05-0700 | | 7 | 7 | 109 | 69 | ● |
| PP101SC05-0750 | | 7.5 | 7.5 | 109 | 69 | ● |
| PP101SC05-0780 | | 7.8 | 7.8 | 117 | 75 | ● |
| PP101SC05-0800 | | 8 | 8 | 117 | 75 | ● |
| PP101SC05-0850 | | 8.5 | 8.5 | 117 | 75 | ● |
| PP101SC05-0880 | | 8.8 | 8.8 | 125 | 81 | ○ |
| PP101SC05-0900 | | 9 | 9 | 125 | 81 | ● |
| PP101SC05-0950 | | 9.5 | 9.5 | 125 | 81 | ● |
| PP101SC05-0980 | | 9.8 | 9.8 | 133 | 87 | ● |
| PP101SC05-1000 | | 10 | 10 | 133 | 87 | ● |
| PP101SC05-1050 | | 10.5 | 10.5 | 133 | 87 | ● |
| PP101SC05-1080 | | 10.8 | 10.8 | 142 | 94 | ○ |
| PP101SC05-1100 | | 11 | 11 | 142 | 94 | ● |
| PP101SC05-1150 | | 11.5 | 11.5 | 142 | 94 | ○ |
| PP101SC05-1200 | | 12 | 12 | 151 | 101 | ○ |
| PP101SC05-1250 | | 12.5 | 12.5 | 151 | 101 | ● |
| PP101SC05-1300 | | 13 | 13 | 151 | 101 | ● |
| PP101SC05-1350 | | 13.5 | 13.5 | 160 | 108 | ● |
| PP101SC05-1400 | | 14 | 14 | 160 | 108 | ○ |
| PP101SC05-1450 | | 14.5 | 14.5 | 169 | 114 | ● |
| PP101SC05-1500 | | 15 | 15 | 169 | 114 | ○ |
| PP101SC05-1550 | | 15.5 | 15.5 | 178 | 120 | ● |

PUNTE METALLO DURO INTEGRALE

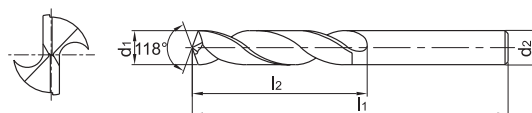


SC : Punta per MATERIALI NON FERROSI

5xD



senza fori



| codice | * | Dimensioni [mm] | | | | stock |
|----------------|---|---------------------|---------------------|----------------|----------------|-------|
| | | d ₁ (h8) | d ₂ (h7) | l ₁ | l ₂ | |
| PP101SC05-1600 | | 16 | 16 | 178 | 120 | ● |

PUNTE METALLO DURO INTEGRALE



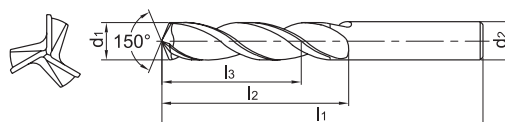
PA : Punta per MATERIALI NON FERROSI

3xD

- punta a tre eliche



senza fori



| codice | * | Dimensioni [mm] | | | | | Grado | |
|----------------|---|---------------------|---------------------|----------------|----------------|----------------|-------|--------|
| | | d ₁ (h7) | d ₂ (h7) | l ₁ | l ₂ | l ₃ | PC 30 | PC 30R |
| PP165PA03-0300 | | 3 | 3 | 46 | 16 | 12 | ● | ● |
| PP165PA03-0310 | | 3.1 | 3.1 | 49 | 18 | 14 | | ● |
| PP165PA03-0320 | | 3.2 | 3.2 | 49 | 18 | 14 | ● | ● |
| PP165PA03-0330 | | 3.3 | 3.3 | 49 | 18 | 14 | ● | |
| PP165PA03-0340 | | 3.4 | 3.4 | 52 | 20 | 15 | ● | ● |
| PP165PA03-0350 | | 3.5 | 3.5 | 52 | 20 | 15 | ● | |
| PP165PA03-0360 | | 3.6 | 3.6 | 52 | 20 | 15 | | ○ |
| PP165PA03-0370 | | 3.7 | 3.7 | 52 | 20 | 15 | | ○ |
| PP165PA03-0380 | | 3.8 | 3.8 | 55 | 22 | 17 | ● | |
| PP165PA03-0390 | | 3.9 | 3.9 | 55 | 22 | 17 | | ● |
| PP165PA03-0400 | | 4 | 4 | 55 | 22 | 17 | ● | ● |
| PP165PA03-0410 | | 4.1 | 4.1 | 55 | 22 | 17 | ● | ● |
| PP165PA03-0420 | | 4.2 | 4.2 | 55 | 22 | 17 | ● | ● |
| PP165PA03-0430 | | 4.3 | 4.3 | 58 | 24 | 18 | ● | ● |
| PP165PA03-0440 | | 4.4 | 4.4 | 58 | 24 | 18 | | ● |
| PP165PA03-0450 | | 4.5 | 4.5 | 58 | 24 | 18 | ● | ● |
| PP165PA03-0460 | | 4.6 | 4.6 | 58 | 24 | 18 | | ● |
| PP165PA03-0470 | | 4.7 | 4.7 | 58 | 24 | 18 | ● | ● |
| PP165PA03-0480 | | 4.8 | 4.8 | 62 | 26 | 20 | | ● |
| PP165PA03-0490 | | 4.9 | 4.9 | 62 | 26 | 20 | | ● |
| PP165PA03-0500 | | 5 | 5 | 62 | 26 | 20 | ● | ● |
| PP165PA03-0510 | | 5.1 | 5.1 | 62 | 26 | 20 | ● | ● |
| PP165PA03-0520 | | 5.2 | 5.2 | 62 | 26 | 20 | ● | ● |
| PP165PA03-0530 | | 5.3 | 5.3 | 62 | 26 | 20 | ● | |
| PP165PA03-0540 | | 5.4 | 5.4 | 66 | 28 | 21 | | ● |
| PP165PA03-0550 | | 5.5 | 5.5 | 66 | 28 | 21 | ● | ● |
| PP165PA03-0560 | | 5.6 | 5.6 | 66 | 28 | 21 | | ● |
| PP165PA03-0570 | | 5.7 | 5.7 | 66 | 28 | 21 | ● | ● |
| PP165PA03-0580 | | 5.8 | 5.8 | 66 | 28 | 21 | ● | |
| PP165PA03-0590 | | 5.9 | 5.9 | 66 | 28 | 21 | | ● |
| PP165PA03-0600 | | 6 | 6 | 66 | 28 | 21 | ● | ● |
| PP165PA03-0610 | | 6.1 | 6.1 | 70 | 31 | 23 | | ● |
| PP165PA03-0620 | | 6.2 | 6.2 | 70 | 31 | 23 | | ● |
| PP165PA03-0630 | | 6.3 | 6.3 | 70 | 31 | 23 | | ○ |
| PP165PA03-0640 | | 6.4 | 6.4 | 70 | 31 | 23 | ● | ● |
| PP165PA03-0650 | | 6.5 | 6.5 | 70 | 31 | 23 | ● | ● |
| PP165PA03-0660 | | 6.6 | 6.6 | 70 | 31 | 23 | ● | ● |
| PP165PA03-0670 | | 6.7 | 6.7 | 70 | 31 | 23 | ● | ● |

PUNTE METALLO DURO INTEGRALE



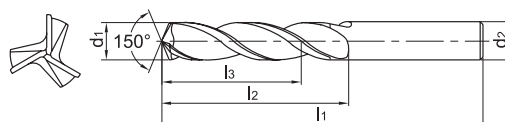
PA : Punta per MATERIALI NON FERROSI

3xD

- punta a tre eliche



senza fori



| codice | * | Dimensioni [mm] | | | | | Grado | |
|----------------|---|---------------------|---------------------|----------------|----------------|----------------|-------|--------|
| | | d ₁ (h7) | d ₂ (h7) | l ₁ | l ₂ | l ₃ | PC 30 | PC 30R |
| PP165PA03-0680 | | 6.8 | 6.8 | 74 | 34 | 25 | ● | ● |
| PP165PA03-0690 | | 6.9 | 6.9 | 74 | 34 | 25 | | ● |
| PP165PA03-0700 | | 7 | 7 | 74 | 34 | 25 | ● | ● |
| PP165PA03-0710 | | 7.1 | 7.1 | 74 | 34 | 25 | | ● |
| PP165PA03-0720 | | 7.2 | 7.2 | 74 | 34 | 25 | | ○ |
| PP165PA03-0730 | | 7.3 | 7.3 | 74 | 34 | 25 | | ● |
| PP165PA03-0740 | | 7.4 | 7.4 | 74 | 34 | 25 | ● | ● |
| PP165PA03-0750 | | 7.5 | 7.5 | 74 | 34 | 25 | ● | ● |
| PP165PA03-0760 | | 7.6 | 7.6 | 79 | 37 | 27 | | ● |
| PP165PA03-0770 | | 7.7 | 7.7 | 79 | 37 | 27 | | ○ |
| PP165PA03-0780 | | 7.8 | 7.8 | 79 | 37 | 27 | | ● |
| PP165PA03-0790 | | 7.9 | 7.9 | 79 | 37 | 27 | | ● |
| PP165PA03-0800 | | 8 | 8 | 79 | 37 | 27 | ● | ● |
| PP165PA03-0810 | | 8.1 | 8.1 | 79 | 37 | 27 | ● | ● |
| PP165PA03-0820 | | 8.2 | 8.2 | 79 | 37 | 27 | | ● |
| PP165PA03-0830 | | 8.3 | 8.3 | 79 | 37 | 27 | | ○ |
| PP165PA03-0840 | | 8.4 | 8.4 | 79 | 37 | 27 | | ○ |
| PP165PA03-0850 | | 8.5 | 8.5 | 79 | 37 | 27 | ● | ● |
| PP165PA03-0860 | | 8.6 | 8.6 | 84 | 40 | 29 | | ● |
| PP165PA03-0870 | | 8.7 | 8.7 | 84 | 40 | 29 | ○ | |
| PP165PA03-0880 | | 8.8 | 8.8 | 84 | 40 | 29 | | ○ |
| PP165PA03-0890 | | 8.9 | 8.9 | 84 | 40 | 29 | | ○ |
| PP165PA03-0900 | | 9 | 9 | 84 | 40 | 29 | ● | ● |
| PP165PA03-0910 | | 9.1 | 9.1 | 84 | 40 | 29 | | ○ |
| PP165PA03-0920 | | 9.2 | 9.2 | 84 | 40 | 29 | | ○ |
| PP165PA03-0930 | | 9.3 | 9.3 | 84 | 40 | 29 | | ○ |
| PP165PA03-0940 | | 9.4 | 9.4 | 84 | 40 | 29 | | ○ |
| PP165PA03-0950 | | 9.5 | 9.5 | 84 | 40 | 29 | ● | |
| PP165PA03-0960 | | 9.6 | 9.6 | 89 | 43 | 31 | | ○ |
| PP165PA03-0970 | | 9.7 | 9.7 | 89 | 43 | 31 | | ○ |
| PP165PA03-0980 | | 9.8 | 9.8 | 89 | 43 | 31 | ● | |
| PP165PA03-0990 | | 9.9 | 9.9 | 89 | 43 | 31 | | ● |
| PP165PA03-1000 | | 10 | 10 | 89 | 43 | 31 | ● | ● |
| PP165PA03-1010 | | 10.1 | 10.1 | 89 | 43 | 31 | | ○ |
| PP165PA03-1020 | | 10.2 | 10.2 | 89 | 43 | 31 | ● | |
| PP165PA03-1030 | | 10.3 | 10.3 | 89 | 43 | 31 | ● | |
| PP165PA03-1050 | | 10.5 | 10.5 | 89 | 43 | 31 | ● | |
| PP165PA03-1100 | | 11 | 11 | 95 | 47 | 33 | ● | ● |

PUNTE METALLO DURO INTEGRALE



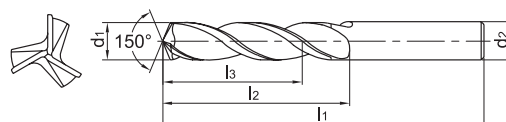
PA : Punta per MATERIALI NON FERROSI

3xD

- punta a tre eliche



senza fori



| codice | * | Dimensioni [mm] | | | | | Grado | |
|----------------|---|---------------------|---------------------|----------------|----------------|----------------|-------|--------|
| | | d ₁ (h7) | d ₂ (h7) | l ₁ | l ₂ | l ₃ | PC 30 | PC 30R |
| PP165PA03-1120 | | 11.2 | 11.2 | 95 | 47 | 33 | | ○ |
| PP165PA03-1150 | | 11.5 | 11.5 | 95 | 47 | 33 | ○ | ○ |
| PP165PA03-1180 | | 11.8 | 11.8 | 95 | 47 | 33 | ○ | ○ |
| PP165PA03-1200 | | 12 | 12 | 102 | 51 | 35 | ● | ● |
| PP165PA03-1210 | | 12.1 | 12.1 | 102 | 51 | 35 | | ○ |
| PP165PA03-1250 | | 12.5 | 12.5 | 102 | 51 | 35 | ● | ○ |
| PP165PA03-1300 | | 13 | 13 | 102 | 51 | 35 | | ● |
| PP165PA03-1350 | | 13.5 | 13.5 | 107 | 54 | 37 | ○ | |
| PP165PA03-1400 | | 14 | 14 | 107 | 54 | 37 | ○ | |
| PP165PA03-1450 | | 14.5 | 14.5 | 111 | 56 | 38 | ○ | |
| PP165PA03-1500 | | 15 | 15 | 111 | 56 | 38 | ○ | |
| PP165PA03-1550 | | 15.5 | 15.5 | 115 | 58 | 38 | | ○ |
| PP165PA03-1600 | | 16 | 16 | 115 | 58 | 38 | ○ | |
| PP165PA03-1650 | | 16.5 | 16.5 | 119 | 60 | 39 | | ○ |
| PP165PA03-1700 | | 17 | 17 | 119 | 60 | 39 | | ○ |
| PP165PA03-1750 | | 17.5 | 17.5 | 123 | 62 | 40 | | ○ |
| PP165PA03-1800 | | 18 | 18 | 123 | 62 | 40 | ○ | ○ |
| PP165PA03-1850 | | 18.5 | 18.5 | 127 | 64 | 41 | | ○ |
| PP165PA03-1900 | | 19 | 19 | 127 | 64 | 41 | | ○ |
| PP165PA03-1950 | | 19.5 | 19.5 | 131 | 66 | 42 | | ○ |
| PP165PA03-2000 | | 20 | 20 | 131 | 66 | 42 | ○ | ○ |

PUNTE METALLO DURO INTEGRALE



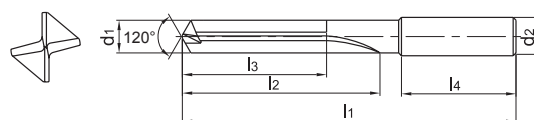
PC : Punta per GHISA

5xD

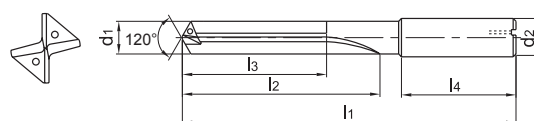
- elica dritta / quattro fasi



senza fori



con fori



| codice | Dimensioni [mm] | | | | | | stock |
|-----------------|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP576PC05-0400 | 4 | 6 | 74 | 36 | 29 | 36 | ○ |
| PP576PC05C-0400 | 4 | 6 | 74 | 36 | 29 | 36 | ● |
| PP576PC05-0420 | 4.2 | 6 | 74 | 36 | 29 | 36 | ○ |
| PP576PC05C-0420 | 4.2 | 6 | 74 | 36 | 29 | 36 | ● |
| PP576PC05-0500 | 5 | 6 | 82 | 44 | 35 | 36 | ○ |
| PP576PC05C-0500 | 5 | 6 | 82 | 44 | 35 | 36 | ● |
| PP576PC05-0600 | 6 | 6 | 82 | 44 | 35 | 36 | ○ |
| PP576PC05C-0600 | 6 | 6 | 82 | 44 | 35 | 36 | ● |
| PP576PC05-0675 | 6.75 | 8 | 91 | 53 | 43 | 36 | ○ |
| PP576PC05C-0675 | 6.75 | 8 | 91 | 53 | 43 | 36 | ● |
| PP576PC05-0700 | 7 | 8 | 91 | 53 | 43 | 36 | ○ |
| PP576PC05C-0700 | 7 | 8 | 91 | 53 | 43 | 36 | ● |
| PP576PC05-0800 | 8 | 8 | 91 | 53 | 43 | 36 | ○ |
| PP576PC05C-0800 | 8 | 8 | 91 | 53 | 43 | 36 | ● |
| PP576PC05-0850 | 8.5 | 10 | 103 | 61 | 49 | 40 | ○ |
| PP576PC05C-0850 | 8.5 | 10 | 103 | 61 | 49 | 40 | ● |
| PP576PC05-0900 | 9 | 10 | 103 | 61 | 49 | 40 | ○ |
| PP576PC05C-0900 | 9 | 10 | 103 | 61 | 49 | 40 | ● |
| PP576PC05-1000 | 10 | 10 | 103 | 61 | 49 | 40 | ○ |
| PP576PC05C-1000 | 10 | 10 | 103 | 61 | 49 | 40 | ● |
| PP576PC05-1025 | 10.25 | 12 | 118 | 71 | 56 | 45 | ○ |
| PP576PC05C-1025 | 10.25 | 12 | 118 | 71 | 56 | 45 | ● |
| PP576PC05-1100 | 11 | 12 | 118 | 71 | 56 | 45 | ○ |
| PP576PC05C-1100 | 11 | 12 | 118 | 71 | 56 | 45 | ● |
| PP576PC05-1200 | 12 | 12 | 118 | 71 | 56 | 45 | ○ |
| PP576PC05C-1200 | 12 | 12 | 118 | 71 | 56 | 45 | ● |
| PP576PC05-1300 | 13 | 14 | 124 | 77 | 60 | 45 | ○ |
| PP576PC05C-1300 | 13 | 14 | 124 | 77 | 60 | 45 | ● |
| PP576PC05-1400 | 14 | 14 | 124 | 77 | 60 | 45 | ○ |
| PP576PC05C-1400 | 14 | 14 | 124 | 77 | 60 | 45 | ● |
| PP576PC05-1500 | 15 | 16 | 133 | 83 | 63 | 48 | ○ |
| PP576PC05C-1500 | 15 | 16 | 133 | 83 | 63 | 48 | ○ |
| PP576PC05-1550 | 15.5 | 16 | 133 | 83 | 63 | 48 | ○ |

PUNTE METALLO DURO INTEGRALE



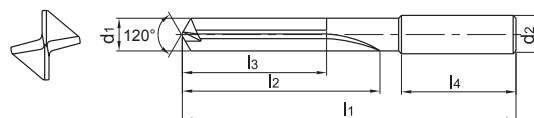
PC : Punta per GHISA

15xD

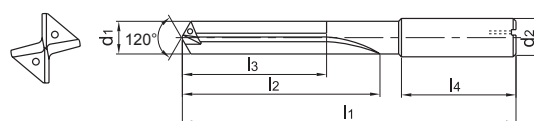
- elica dritta / quattro fasi



senza fori



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP576PC05C-1550 | * | 15.5 | 16 | 133 | 83 | 63 | 48 | ○ |
| PP576PC05-1600 | | 16 | 16 | 133 | 83 | 63 | 48 | ○ |
| PP576PC05C-1600 | * | 16 | 16 | 133 | 83 | 63 | 48 | ○ |
| PP576PC05-1700 | | 17 | 18 | 143 | 93 | 71 | 48 | ○ |
| PP576PC05C-1700 | * | 17 | 18 | 143 | 93 | 71 | 48 | ○ |
| PP576PC05-1750 | | 17.5 | 18 | 143 | 93 | 71 | 48 | ○ |
| PP576PC05C-1750 | * | 17.5 | 18 | 143 | 93 | 71 | 48 | ○ |
| PP576PC05-1800 | | 18 | 18 | 143 | 93 | 71 | 48 | ○ |
| PP576PC05C-1800 | * | 18 | 18 | 143 | 93 | 71 | 48 | ● |
| PP576PC05-1950 | | 19.5 | 20 | 153 | 101 | 77 | 50 | ○ |
| PP576PC05C-1950 | * | 19.5 | 20 | 153 | 101 | 77 | 50 | ○ |
| PP576PC05-2000 | | 20 | 20 | 153 | 101 | 77 | 50 | ○ |
| PP576PC05C-2000 | * | 20 | 20 | 153 | 101 | 77 | 50 | ○ |

PUNTE METALLO DURO INTEGRALE



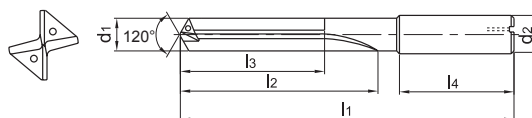
PC : Punta per GHISA

15xD

- elica dritta / quattro fasi



con fori



| codice | * | Dimensioni [mm] | | | | | | stock |
|-----------------|---|---------------------|---------------------|----------------|----------------|----------------|----------------|-------|
| | | d ₁ (m7) | d ₂ (h6) | l ₁ | l ₂ | l ₃ | l ₄ | |
| PP579PC15C-0500 | * | 5 | 6 | 145 | 105 | 96 | 36 | ○ |
| PP579PC15C-0600 | * | 6 | 6 | 145 | 105 | 96 | 36 | ○ |
| PP579PC15C-0800 | * | 8 | 8 | 180 | 137 | 127 | 36 | ○ |
| PP579PC15C-0900 | * | 9 | 10 | 217 | 170 | 158 | 40 | ○ |
| PP579PC15C-1000 | * | 10 | 10 | 217 | 170 | 158 | 40 | ○ |
| PP579PC15C-1100 | * | 11 | 12 | 258 | 205 | 190 | 45 | ○ |
| PP579PC15C-1200 | * | 12 | 12 | 258 | 205 | 190 | 45 | ○ |
| PP579PC15C-1400 | * | 14 | 14 | 290 | 236 | 219 | 45 | ○ |

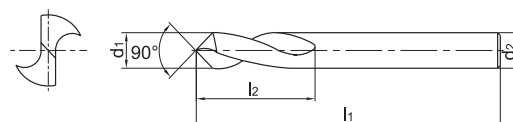
PUNTE METALLO DURO INTEGRALE



PC : Punta a centrare a 90°



senza fori



| codice | * | Dimensioni [mm] | | | | Grado | |
|----------------|---|---------------------|---------------------|----------------|----------------|-------|--------|
| | | d ₁ (h6) | d ₂ (h6) | l ₁ | l ₂ | PC 30 | PC 30R |
| PP143SC90-0500 | | 5 | 5 | 62 | 10 | ● | ○ |
| PP143SC90-0600 | | 6 | 6 | 66 | 15 | ● | ○ |
| PP143SC90-0800 | | 8 | 8 | 79 | 17 | ● | ○ |
| PP143SC90-1000 | | 10 | 10 | 89 | 20 | ● | ○ |
| PP143SC90-1200 | | 12 | 12 | 102 | 25 | ● | ○ |
| PP143SC90-1400 | | 14 | 14 | 107 | 30 | ● | ○ |
| PP143SC90-1600 | | 16 | 16 | 115 | 35 | ● | ○ |
| PP143SC90-2000 | | 20 | 20 | 131 | 40 | ● | ○ |

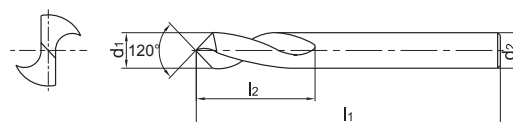
PUNTE METALLO DURO INTEGRALE



PC : Punta a centrare a 120°



senza fori



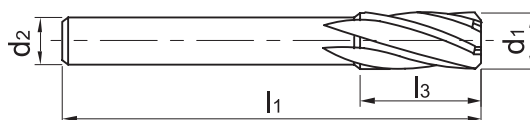
| codice | * | Dimensioni [mm] | | | | Grado | |
|-----------------|---|---------------------|---------------------|----------------|----------------|-------|--------|
| | | d ₁ (h6) | d ₂ (h6) | l ₁ | l ₂ | PC 30 | PC 30R |
| PP143SC120-0500 | | 5 | 5 | 62 | 10 | ● | ○ |
| PP143SC120-0600 | | 6 | 6 | 66 | 15 | ● | ○ |
| PP143SC120-0800 | | 8 | 8 | 79 | 17 | ● | ○ |
| PP143SC120-1000 | | 10 | 10 | 89 | 20 | ● | ○ |
| PP143SC120-1200 | | 12 | 12 | 102 | 25 | ● | ○ |
| PP143SC120-1400 | | 14 | 14 | 107 | 30 | ● | ○ |
| PP143SC120-1600 | | 16 | 16 | 115 | 35 | ● | ○ |
| PP143SC120-2000 | | 20 | 20 | 131 | 42 | ● | ○ |

ALESATORI METALLO DURO INTEGRALE



Alesatore per GHISA / MATERIALI NON FERROSI

- elica destra



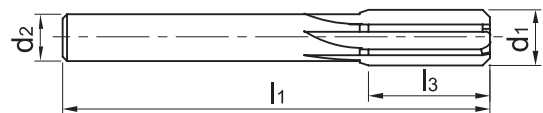
| codice | Dimensioni [mm] | | | | Denti | stock |
|--------------|-----------------|---------------------|----------------|----------------|-------|-------|
| | d ₁ | d ₂ (h6) | l ₁ | l ₃ | | |
| PA101H7-0400 | 4 | 3.55 | 56 | 20 | 4 | ● |
| PA101H7-0450 | 4.5 | 4 | 63 | 22 | 6 | ○ |
| PA101H7-0500 | 5 | 4 | 63 | 22 | 6 | ● |
| PA101H7-0550 | 5.5 | 5 | 63 | 22 | 6 | ○ |
| PA101H7-0600 | 6 | 5 | 63 | 22 | 6 | ● |
| PA101H7-0650 | 6.5 | 5 | 63 | 22 | 6 | ○ |
| PA101H7-0700 | 7 | 6.3 | 71 | 25 | 6 | ● |
| PA101H7-0750 | 7.5 | 6.3 | 71 | 25 | 6 | ○ |
| PA101H7-0800 | 8 | 6.3 | 71 | 25 | 6 | ● |
| PA101H7-0850 | 8.5 | 8 | 71 | 25 | 6 | ○ |
| PA101H7-0900 | 9 | 8 | 71 | 25 | 6 | ○ |
| PA101H7-0950 | 9.5 | 8 | 71 | 25 | 6 | ○ |
| PA101H7-1000 | 10 | 8 | 71 | 25 | 6 | ● |
| PA101H7-1050 | 10.5 | 8 | 71 | 25 | 6 | ○ |
| PA101H7-1100 | 11 | 10 | 80 | 28 | 6 | ○ |
| PA101H7-1150 | 11.5 | 10 | 80 | 28 | 6 | ○ |
| PA101H7-1200 | 12 | 10 | 80 | 28 | 6 | ● |
| PA101H7-1250 | 12.5 | 10 | 80 | 28 | 6 | ○ |
| PA101H7-1300 | 13 | 10 | 80 | 28 | 6 | ○ |
| PA101H7-1350 | 13.5 | 12.5 | 90 | 32 | 6 | ○ |
| PA101H7-1400 | 14 | 12.5 | 90 | 32 | 6 | ○ |
| PA101H7-1450 | 14.5 | 12.5 | 90 | 32 | 6 | ● |
| PA101H7-1500 | 15 | 12.5 | 90 | 32 | 6 | ○ |
| PA101H7-1550 | 15.5 | 12.5 | 90 | 32 | 6 | ○ |
| PA101H7-1600 | 16 | 12.5 | 90 | 32 | 6 | ● |
| PA101H7-1700 | 17 | 12.5 | 90 | 32 | 6 | ○ |
| PA101H7-1800 | 18 | 16 | 100 | 36 | 6 | ○ |
| PA101H7-1900 | 19 | 16 | 100 | 36 | 6 | ○ |
| PA101H7-2000 | 20 | 16 | 100 | 36 | 6 | ○ |

ALESATORI METALLO DURO INTEGRALE



Alesatore per GHISA / MATERIALI NON FERROSI

- elica dritta



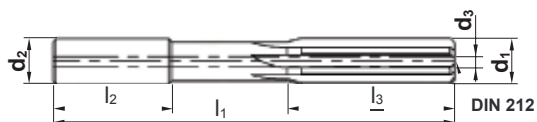
| codice | Dimensioni [mm] | | | | Denti | stock |
|--------------|-----------------|---------------------|----------------|----------------|-------|-------|
| | d ₁ | d ₂ (h6) | l ₁ | l ₃ | | |
| PA102H7-0400 | 4 | 3.55 | 56 | 20 | 4 | ○ |
| PA102H7-0450 | 4.5 | 4 | 63 | 22 | 6 | ○ |
| PA102H7-0500 | 5 | 4 | 63 | 22 | 6 | ● |
| PA102H7-0550 | 5.5 | 5 | 63 | 22 | 6 | ○ |
| PA102H7-0600 | 6 | 5 | 63 | 22 | 6 | ● |
| PA102H7-0650 | 6.5 | 5 | 63 | 22 | 6 | ○ |
| PA102H7-0700 | 7 | 6.3 | 71 | 25 | 6 | ○ |
| PA102H7-0750 | 7.5 | 6.3 | 71 | 25 | 6 | ○ |
| PA102H7-0800 | 8 | 6.3 | 71 | 25 | 6 | ○ |
| PA102H7-0850 | 8.5 | 8 | 71 | 25 | 6 | ○ |
| PA102H7-0900 | 9 | 8 | 71 | 25 | 6 | ○ |
| PA102H7-0950 | 9.5 | 8 | 71 | 25 | 6 | ○ |
| PA102H7-1000 | 10 | 8 | 71 | 25 | 6 | ● |
| PA102H7-1050 | 10.5 | 8 | 71 | 25 | 6 | ○ |
| PA102H7-1100 | 11 | 10 | 80 | 28 | 6 | ● |
| PA102H7-1150 | 11.5 | 10 | 80 | 28 | 6 | ○ |
| PA102H7-1200 | 12 | 10 | 80 | 28 | 6 | ○ |
| PA102H7-1250 | 12.5 | 10 | 80 | 28 | 6 | ○ |
| PA102H7-1300 | 13 | 10 | 80 | 28 | 6 | ○ |
| PA102H7-1350 | 13.5 | 12.5 | 90 | 32 | 6 | ○ |
| PA102H7-1400 | 14 | 12.5 | 90 | 32 | 6 | ○ |
| PA102H7-1450 | 14.5 | 12.5 | 90 | 32 | 6 | ○ |
| PA102H7-1500 | 15 | 12.5 | 90 | 32 | 6 | ○ |
| PA102H7-1550 | 15.5 | 12.5 | 90 | 32 | 6 | ○ |
| PA102H7-1600 | 16 | 12.5 | 90 | 32 | 6 | ○ |
| PA102H7-1700 | 17 | 12.5 | 90 | 32 | 6 | ○ |
| PA102H7-1800 | 18 | 16 | 100 | 36 | 6 | ○ |
| PA102H7-1900 | 19 | 16 | 100 | 36 | 6 | ○ |
| PA102H7-2000 | 20 | 16 | 100 | 36 | 6 | ○ |

ALESATORI METALLO DURO INTEGRALE



Alesatore per GHISA / MATERIALI NON FERROSI

- con fori di refrigerazione



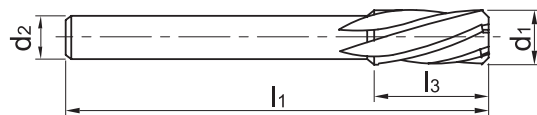
| codice | * | Dimensioni [mm] | | | | | | Denti | stock |
|--------------|---|-----------------|---------------------|---------------------|----------------|----------------|----------------|-------|-------|
| | | d ₁ | d ₂ (h6) | d ₃ (m7) | l ₁ | l ₂ | l ₃ | | |
| PA112H7-0400 | * | 4 | 4 | 0.6 | 70 | 28 | 20 | 6 | ● |
| PA112H7-0500 | * | 5 | 5 | 1 | 70 | 28 | 22 | 6 | ● |
| PA112H7-0600 | * | 6 | 6 | 1 | 100 | 36 | 22 | 6 | ● |
| PA112H7-0700 | * | 7 | 8 | 1.3 | 110 | 42 | 25 | 6 | ● |
| PA112H7-0800 | * | 8 | 8 | 1.3 | 110 | 42 | 25 | 6 | ● |
| PA112H7-0900 | * | 9 | 10 | 2 | 110 | 42 | 25 | 6 | ● |
| PA112H7-1000 | * | 10 | 10 | 2 | 110 | 38 | 25 | 6 | ● |
| PA112H7-1100 | * | 11 | 12 | 2 | 110 | 38 | 28 | 6 | ● |
| PA112H7-1200 | * | 12 | 12 | 2 | 110 | 38 | 28 | 6 | ● |
| PA112H7-1300 | * | 13 | 14 | 2 | 110 | 38 | 28 | 6 | ● |
| PA112H7-1400 | * | 14 | 14 | 2 | 110 | 38 | 32 | 6 | ● |
| PA112H7-1500 | * | 15 | 16 | 2 | 110 | 38 | 32 | 6 | ● |
| PA112H7-1600 | * | 16 | 16 | 2 | 150 | 52 | 32 | 6 | ● |
| PA112H7-1800 | * | 18 | 18 | 3 | 150 | 52 | 36 | 6 | ● |
| PA112H7-2000 | * | 20 | 20 | 3 | 150 | 50 | 36 | 6 | ● |

ALESATORI METALLO DURO INTEGRALE



Alesatore per GHISA / MATERIALI NON FERROSI

- elica sinistro

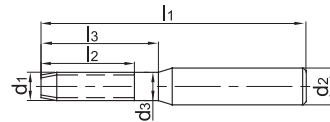



| codice | Dimensioni [mm] | | | | Denti | stock |
|--------------|-----------------|---------------------|----------------|----------------|-------|-------|
| | d ₁ | d ₂ (h6) | l ₁ | l ₃ | | |
| PA103H7-0400 | 4 | 3.55 | 56 | 20 | 4 | ● |
| PA103H7-0450 | 4.5 | 4 | 63 | 22 | 6 | ○ |
| PA103H7-0500 | 5 | 4 | 63 | 22 | 6 | ● |
| PA103H7-0550 | 5.5 | 5 | 63 | 22 | 6 | ○ |
| PA103H7-0600 | 6 | 5 | 63 | 22 | 6 | ● |
| PA103H7-0650 | 6.5 | 5 | 63 | 22 | 6 | ○ |
| PA103H7-0700 | 7 | 6.3 | 71 | 25 | 6 | ○ |
| PA103H7-0750 | 7.5 | 6.3 | 71 | 25 | 6 | ○ |
| PA103H7-0800 | 8 | 6.3 | 71 | 25 | 6 | ● |
| PA103H7-0850 | 8.5 | 8 | 71 | 25 | 6 | ○ |
| PA103H7-0900 | 9 | 8 | 71 | 25 | 6 | ○ |
| PA103H7-0950 | 9.5 | 8 | 71 | 25 | 6 | ○ |
| PA103H7-1000 | 10 | 8 | 71 | 25 | 6 | ● |
| PA103H7-1050 | 10.5 | 8 | 71 | 25 | 6 | ○ |
| PA103H7-1100 | 11 | 10 | 80 | 28 | 6 | ○ |
| PA103H7-1150 | 11.5 | 10 | 80 | 28 | 6 | ○ |
| PA103H7-1200 | 12 | 10 | 80 | 28 | 6 | ○ |
| PA103H7-1250 | 12.5 | 10 | 80 | 28 | 6 | ○ |
| PA103H7-1300 | 13 | 10 | 80 | 28 | 6 | ○ |
| PA103H7-1350 | 13.5 | 12.5 | 90 | 32 | 6 | ○ |
| PA103H7-1400 | 14 | 12.5 | 90 | 32 | 6 | ○ |
| PA103H7-1450 | 14.5 | 12.5 | 90 | 32 | 6 | ○ |
| PA103H7-1500 | 15 | 12.5 | 90 | 32 | 6 | ○ |
| PA103H7-1550 | 15.5 | 12.5 | 90 | 32 | 6 | ○ |
| PA103H7-1600 | 16 | 12.5 | 90 | 32 | 6 | ○ |
| PA103H7-1700 | 17 | 12.5 | 90 | 32 | 6 | ○ |
| PA103H7-1800 | 18 | 16 | 100 | 36 | 6 | ○ |
| PA103H7-1900 | 19 | 16 | 100 | 36 | 6 | ○ |
| PA103H7-2000 | 20 | 16 | 100 | 36 | 6 | ○ |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per MATERIALI NON FERROSI

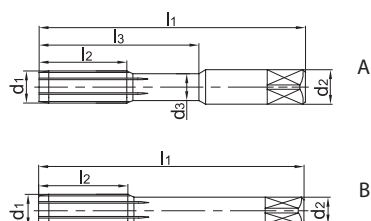


| codice | | Dimensioni [mm] | | | | | | | | Denti | d | stock |
|----------------------|--|---|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|------|-------|
| | |  | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | |
| PM122A-M1*0.25-6H | | 3P | M1 | 0.25 | 3 | | 40 | 5 | | 3 | 0.9 | ● |
| PM122AS-M1*0.25-6H | | 1,5P | M1 | 0.25 | 3 | | 40 | 5 | | 3 | 0.9 | ● |
| PM122A-M1.2*0.25-6H | | 3P | M1.2 | 0.25 | 3 | | 40 | 5 | | 3 | 1.1 | ● |
| PM122AS-M1.2*0.25-6H | | 1,5P | M1.2 | 0.25 | 3 | | 40 | 5 | | 3 | 1.1 | ● |
| PM122AS-M1.6*0.35-6H | | 1,5P | M1.6 | 0.35 | 3 | 1.1 | 40 | 5 | 11 | 3 | 1.47 | ● |
| PM122A-M1.6*0.35-6H | | 3P | M1.6 | 0.35 | 3 | 1.1 | 40 | 5 | 11 | 3 | 1.47 | ● |
| PM122AS-M2*0.4-6H | | 1,5P | M2 | 0.4 | 3 | 1.5 | 45 | 6 | 12 | 3 | 1.85 | ● |
| PM122A-M2*0.4-6H | | 3P | M2 | 0.4 | 3 | 1.5 | 45 | 6 | 12 | 3 | 1.85 | ● |
| PM122AS-M2.5*0.45-6H | | 1,5P | M2.5 | 0.45 | 3 | 1.9 | 50 | 6 | 14 | 3 | 2.33 | ● |
| PM122A-M2.5*0.45-6H | | 3P | M2.5 | 0.45 | 3 | 1.9 | 50 | 6 | 14 | 3 | 2.33 | ● |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per MATERIALI NON FERROSI

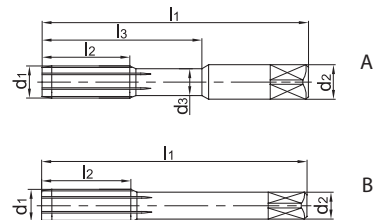



| codice | * | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | stock |
|---------------------|---|-----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|-------|-------|
| | | | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | |
| PM222AS-M3*0.5-6H | | 1,5P | M3 | 0.5 | 3.5 | 2.3 | 56 | 6 | 18 | 4 | A | 2.8 | ● |
| PM222A-M3*0.5-6H | | 3P | M3 | 0.5 | 3.5 | 2.3 | 56 | 6 | 18 | 4 | A | 2.8 | ○ |
| PM222AS-M4*0.5-6H | | 1,5P | M4 | 0.5 | 4.5 | 3.1 | 63 | 8 | 21 | 4 | A | 3.8 | ○ |
| PM222A-M4*0.5-6H | | 3P | M4 | 0.5 | 4.5 | 3.1 | 63 | 8 | 21 | 4 | A | 3.8 | ● |
| PM222A-M4*0.7-6H | | 3P | M4 | 0.7 | 4.5 | 3.1 | 63 | 8 | 21 | 4 | A | 3.7 | ● |
| PM222AS-M4*0.7-6H | | 1,5P | M4 | 0.7 | 4.5 | 3.1 | 63 | 8 | 21 | 4 | A | 3.7 | ○ |
| PM222AS-M5*0.5-6H | | 1,5P | M5 | 0.5 | 6 | 4.3 | 70 | 10 | 25 | 4 | A | 4.8 | ● |
| PM222A-M5*0.5-6H | | 3P | M5 | 0.5 | 6 | 4.3 | 70 | 10 | 25 | 4 | A | 4.8 | ● |
| PM222A-M5*0.8-6H | | 3P | M5 | 0.8 | 6 | 4 | 70 | 10 | 25 | 4 | A | 4.65 | ● |
| PM222AS-M5*0.8-6H | | 1,5P | M5 | 0.8 | 6 | 4 | 70 | 10 | 25 | 4 | A | 4.65 | ○ |
| PM222A-M6*0.75-6H | | 3P | M6 | 0.75 | 6 | 5 | 80 | 12 | 30 | 4 | A | 5.7 | ● |
| PM222AS-M6*0.75-6H | | 1,5P | M6 | 0.75 | 6 | 5 | 80 | 12 | 30 | 4 | A | 5.7 | ● |
| PM222A-M6*1-6H | | 3P | M6 | 1 | 6 | 4.7 | 80 | 12 | 30 | 4 | A | 5.6 | ○ |
| PM222AS-M6*1-6H | | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 12 | 30 | 4 | A | 5.6 | ○ |
| PM222A-M7*1-6H | | 3P | M7 | 1 | 7 | 5.7 | 80 | 14 | 30 | 4 | A | 6.6 | ● |
| PM222AS-M7*1-6H | | 1,5P | M7 | 1 | 7 | 5.7 | 80 | 14 | 30 | 4 | A | 6.6 | ● |
| PM222A-M8*1-6H | | 3P | M8 | 1 | 8 | 6.7 | 90 | 16 | 35 | 4 | A | 7.6 | ● |
| PM222AS-M8*1-6H | | 1,5P | M8 | 1 | 8 | 6.7 | 90 | 16 | 35 | 4 | A | 7.6 | ● |
| PM222A-M8*1.25-6H | | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 16 | 35 | 4 | A | 7.45 | ● |
| PM222AS-M8*1.25-6H | | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 16 | 35 | 4 | A | 7.45 | ○ |
| PM222A-M10*1-6H | | 3P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 5 | A | 9.6 | ● |
| PM222AS-M10*1-6H | | 1,5P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 5 | A | 9.6 | ● |
| PM222A-M10*1.25-6H | | 3P | M10 | 1.25 | 10 | 8.4 | 100 | 20 | 39 | 5 | A | 9.45 | ● |
| PM222AS-M10*1.25-6H | | 1,5P | M10 | 1.25 | 10 | 8.4 | 100 | 20 | 39 | 5 | A | 9.45 | ● |
| PM222A-M10*1.5-6H | | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 20 | 39 | 5 | A | 9.35 | ● |
| PM222AC-M10*1.5-6H | * | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 20 | 39 | 5 | A | 9.35 | ○ |
| PM222AS-M10*1.5-6H | | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 20 | 39 | 5 | A | 9.35 | ○ |
| PM222ACS-M10*1.5-6H | * | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 20 | 39 | 5 | A | 9.35 | ○ |
| PM222A-M12*1.25-6H | | 3P | M12 | 1.25 | 9 | | 110 | 24 | | 5 | B | 11.45 | ● |
| PM222AS-M12*1.25-6H | | 1,5P | M12 | 1.25 | 9 | | 110 | 24 | | 5 | B | 11.45 | ● |
| PM222A-M12*1.5-6H | | 3P | M12 | 1.5 | 9 | | 110 | 24 | | 5 | B | 11.35 | ● |
| PM222AS-M12*1.5-6H | | 1,5P | M12 | 1.5 | 9 | | 110 | 24 | | 5 | B | 11.35 | ● |
| PM222A-M12*1.75-6H | | 3P | M12 | 1.75 | 9 | | 110 | 24 | | 5 | B | 11.25 | ● |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per MATERIALI NON FERROSI

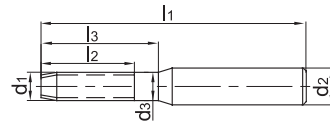



| codice | * | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | stock |
|----------------------|---|---|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|-------|-------|
| | |  | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | |
| PM222AC-M12*1.75-6H | * | 3P | M12 | 1.75 | 9 | | 110 | 24 | | 5 | B | 11.25 | ○ |
| PM222AS-M12*1.75-6H | | 1,5P | M12 | 1.75 | 9 | | 110 | 24 | | 5 | B | 11.25 | ○ |
| PM222ACS-M12*1.75-6H | * | 1,5P | M12 | 1.75 | 9 | | 110 | 24 | | 5 | B | 11.25 | ○ |
| PM222A-M14*1.5-6H | | 3P | M14 | 1.5 | 11 | | 110 | 26 | | 6 | B | 13.35 | ● |
| PM222AS-M14*1.5-6H | | 1,5P | M14 | 1.5 | 11 | | 110 | 26 | | 6 | B | 13.35 | ● |
| PM222A-M14*2-6H | | 3P | M14 | 2 | 11 | | 110 | 26 | | 6 | B | 13.1 | ● |
| PM222AS-M14*2-6H | | 1,5P | M14 | 2 | 11 | | 110 | 26 | | 6 | B | 13.1 | ● |
| PM222A-M16*1.5-6H | | 3P | M16 | 1.5 | 12 | | 110 | 27 | | 6 | B | 15.35 | ● |
| PM222AS-M16*1.5-6H | | 1,5P | M16 | 1.5 | 12 | | 110 | 27 | | 6 | B | 15.35 | ● |
| PM222A-M16*2-6H | | 3P | M16 | 2 | 12 | | 110 | 27 | | 6 | B | 15.1 | ○ |
| PM222AC-M16*2-6H | * | 3P | M16 | 2 | 12 | | 110 | 27 | | 6 | B | 15.1 | ○ |
| PM222AS-M16*2-6H | | 1,5P | M16 | 2 | 12 | | 110 | 27 | | 6 | B | 15.1 | ○ |
| PM222ACS-M16*2-6H | * | 1,5P | M16 | 2 | 12 | | 110 | 27 | | 6 | B | 15.1 | ○ |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per ACCIAIO / ACCIAIO INOX

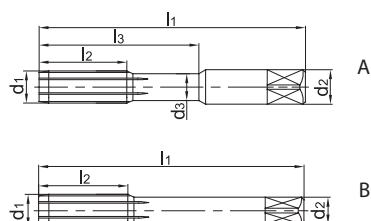


| codice | * | Dimensioni [mm] | | | | | | | | Denti | d | Grado | |
|----------------------|---|---|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|------|-------|-------|
| | |  | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | PC40 | PC40R |
| PM122MS-M1*0.25-6H | | 2P | M1 | 0.25 | 3 | | 40 | 5 | | 4 | 0.9 | ● | ○ |
| PM122M-M1*0.25-6H | | 3P | M1 | 0.25 | 3 | | 40 | 5 | | 4 | 0.9 | ● | ○ |
| PM122MS-M1.2*0.25-6H | | 2P | M1.2 | 0.25 | 3 | | 40 | 5 | | 4 | 1.1 | ● | ○ |
| PM122M-M1.2*0.25-6H | | 3P | M1.2 | 0.25 | 3 | | 40 | 5 | | 4 | 1.1 | ● | ○ |
| PM122MS-M1.6*0.35-6H | | 2P | M1.6 | 0.35 | 3 | 1.1 | 40 | 5 | 11 | 4 | 1.47 | ● | ○ |
| PM122M-M1.6*0.35-6H | | 3P | M1.6 | 0.35 | 3 | 1.1 | 40 | 5 | 11 | 4 | 1.47 | ● | ○ |
| PM122MS-M2*0.4-6H | | 2P | M2 | 0.4 | 3 | 1.5 | 45 | 6 | 12 | 4 | 1.85 | ● | ○ |
| PM122M-M2*0.4-6H | | 3P | M2 | 0.4 | 3 | 1.5 | 45 | 6 | 12 | 4 | 1.85 | ● | ○ |
| PM122MS-M2.5*0.45-6H | | 2P | M2.5 | 0.45 | 3 | 1.9 | 50 | 6 | 14 | 4 | 2.33 | ● | ○ |
| PM122M-M2.5*0.45-6H | | 3P | M2.5 | 0.45 | 3 | 1.9 | 50 | 6 | 14 | 4 | 2.33 | ● | ○ |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per ACCIAIO / ACCIAIO INOX

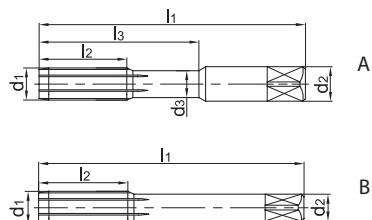


| codice | | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | Grado | |
|---------------------|---|-----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|-------|-------|-------|
| | | | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | PC40 | PC40R |
| PM222MS-M3*0.5-6H | | 2P | M3 | 0.5 | 3.5 | 2.3 | 56 | 6 | 18 | 4 | A | 2.8 | ● | ○ |
| PM222M-M3*0.5-6H | | 3P | M3 | 0.5 | 3.5 | 2.3 | 56 | 6 | 18 | 4 | A | 2.8 | ● | ○ |
| PM222MS-M4*0.5-6H | | 2P | M4 | 0.5 | 4.5 | 3.1 | 63 | 8 | 21 | 4 | A | 3.8 | ● | ○ |
| PM222M-M4*0.5-6H | | 3P | M4 | 0.5 | 4.5 | 3.1 | 63 | 8 | 21 | 4 | A | 3.8 | ● | ○ |
| PM222MS-M4*0.7-6H | | 3P | M4 | 0.7 | 4.5 | 3.1 | 63 | 8 | 21 | 4 | A | 3.7 | ● | ○ |
| PM222M-M4*0.7-6H | | 2P | M4 | 0.7 | 4.5 | 3.1 | 63 | 8 | 21 | 4 | A | 3.7 | ● | ○ |
| PM222MS-M5*0.5-6H | | 2P | M5 | 0.5 | 6 | 4.3 | 70 | 10 | 25 | 4 | A | 4.8 | ● | ○ |
| PM222M-M5*0.5-6H | | 3P | M5 | 0.5 | 6 | 4.3 | 70 | 10 | 25 | 4 | A | 4.8 | ● | ○ |
| PM222MS-M5*0.8-6H | | 3P | M5 | 0.8 | 6 | 4 | 70 | 10 | 25 | 4 | A | 4.65 | ● | ○ |
| PM222M-M5*0.8-6H | | 2P | M5 | 0.8 | 6 | 4 | 70 | 10 | 25 | 4 | A | 4.65 | ● | ○ |
| PM222MS-M6*0.75-6H | | 3P | M6 | 0.75 | 6 | 5 | 80 | 12 | 30 | 4 | A | 5.7 | ● | ○ |
| PM222M-M6*0.75-6H | | 2P | M6 | 0.75 | 6 | 5 | 80 | 12 | 30 | 4 | A | 5.7 | ● | ○ |
| PM222MS-M6*1-6H | | 2P | M6 | 1 | 6 | 4.7 | 80 | 12 | 30 | 4 | A | 5.6 | ● | ○ |
| PM222M-M6*1-6H | | 3P | M6 | 1 | 6 | 4.7 | 80 | 12 | 30 | 4 | A | 5.6 | ● | ○ |
| PM222MS-M7*1-6H | | 2P | M7 | 1 | 7 | 5.7 | 80 | 14 | 30 | 4 | A | 6.6 | ● | ○ |
| PM222M-M7*1-6H | | 3P | M7 | 1 | 7 | 5.7 | 80 | 14 | 30 | 4 | A | 6.6 | ● | ○ |
| PM222MS-M8*1-6H | | 2P | M8 | 1 | 8 | 6.7 | 90 | 16 | 35 | 4 | A | 7.6 | ● | ○ |
| PM222M-M8*1-6H | | 3P | M8 | 1 | 8 | 6.7 | 90 | 16 | 35 | 4 | A | 7.6 | ● | ○ |
| PM222MS-M8*1.25-6H | | 2P | M8 | 1.25 | 8 | 6.4 | 90 | 16 | 35 | 4 | A | 7.45 | ● | ○ |
| PM222M-M8*1.25-6H | | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 16 | 35 | 4 | A | 7.45 | ● | ○ |
| PM222MS-M10*1-6H | | 2P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 5 | A | 9.6 | ● | ○ |
| PM222M-M10*1-6H | | 3P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 5 | A | 9.6 | ● | ○ |
| PM222MS-M10*1.25-6H | | 2P | M10 | 1.25 | 10 | 8.4 | 100 | 20 | 39 | 5 | A | 9.45 | ● | ○ |
| PM222M-M10*1.25-6H | | 3P | M10 | 1.25 | 10 | 8.4 | 100 | 20 | 39 | 5 | A | 9.45 | ● | ○ |
| PM222MS-M10*1.5-6H | | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 20 | 39 | 5 | A | 9.35 | ● | ○ |
| PM222MC-M10*1.5-6H | ✱ | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 20 | 39 | 5 | A | 9.35 | ● | ○ |
| PM222MS-M10*1.5-6H | | 2P | M10 | 1.5 | 10 | 8.1 | 100 | 20 | 39 | 5 | A | 9.35 | ● | ○ |
| PM222MCS-M10*1.5-6H | ✱ | 2P | M10 | 1.5 | 10 | 8.1 | 100 | 20 | 39 | 5 | A | 9.35 | ● | ○ |
| PM222MS-M12*1.25-6H | | 2P | M12 | 1.25 | 9 | | 110 | 24 | | 5 | B | 11.45 | ● | ○ |
| PM222M-M12*1.25-6H | | 3P | M12 | 1.25 | 9 | | 110 | 24 | | 5 | B | 11.45 | ● | ○ |
| PM222MS-M12*1.5-6H | | 3P | M12 | 1.5 | 9 | | 110 | 24 | | 5 | B | 11.35 | ● | ○ |
| PM222M-M12*1.5-6H | | 2P | M12 | 1.5 | 9 | | 110 | 24 | | 5 | B | 11.35 | ● | ○ |
| PM222MS-M12*1.75-6H | | 3P | M12 | 1.75 | 9 | | 110 | 24 | | 5 | B | 11.25 | ● | ○ |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per ACCIAIO / ACCIAIO INOX

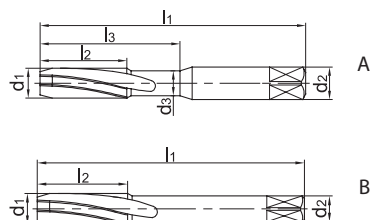


| codice | | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | Grado | |
|----------------------|---|-----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|-------|-------|-------|
| | | | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | PC40 | PC40R |
| PM222MC-M12*1.75-6H | ✱ | 3P | M12 | 1.75 | 9 | | 110 | 24 | | 5 | B | 11.25 | ● | ○ |
| PM222MS-M12*1.75-6H | | 2P | M12 | 1.75 | 9 | | 110 | 24 | | 5 | B | 11.25 | ● | ○ |
| PM222MCS-M12*1.75-6H | ✱ | 2P | M12 | 1.75 | 9 | | 110 | 24 | | 5 | B | 11.25 | ● | ○ |
| PM222M-M14*1.5-6H | | 3P | M14 | 1.5 | 11 | | 110 | 26 | | 6 | B | 13.35 | ● | ○ |
| PM222MS-M14*1.5-6H | | 2P | M14 | 1.5 | 11 | | 110 | 26 | | 6 | B | 13.35 | ● | ○ |
| PM222MS-M14*2-6H | | 2P | M14 | 2 | 11 | | 110 | 26 | | 6 | B | 13.1 | ● | ○ |
| PM222M-M14*2-6H | | 3P | M14 | 2 | 11 | | 110 | 26 | | 6 | B | 13.1 | ● | ○ |
| PM222M-M16*1.5-6H | | 3P | M16 | 1.5 | 12 | | 110 | 27 | | 6 | B | 15.35 | ● | ○ |
| PM222MS-M16*1.5-6H | | 2P | M16 | 1.5 | 12 | | 110 | 27 | | 6 | B | 15.35 | ● | ○ |
| PM222MS-M16*2-6H | | 2P | M16 | 2 | 12 | | 110 | 27 | | 6 | B | 15.1 | ● | ○ |
| PM222MCS-M16*2-6H | ✱ | 2P | M16 | 2 | 12 | | 110 | 27 | | 6 | B | 15.1 | ● | ○ |
| PM222M-M16*2-6H | | 3P | M16 | 2 | 12 | | 110 | 27 | | 6 | B | 15.1 | ○ | ○ |
| PM222MC-M16*2-6H | ✱ | 3P | M16 | 2 | 12 | | 110 | 27 | | 6 | B | 15.1 | ● | ○ |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per GHISA

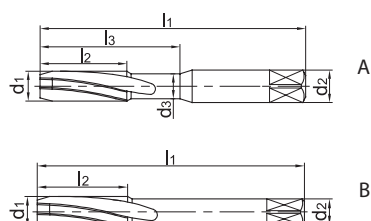


| codice | * | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | Grado |
|---------------------|---|-----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|------|-------|
| | | | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | PC40R |
| PM201CS-M3*0.5-6H | | 1,5P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ● |
| PM201CS-M3*0.5-6HX | | 1,5P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ● |
| PM201C-M3*0.5-6H | | 3P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ● |
| PM201C-M3*0.5-6HX | | 3P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ● |
| PM201C-M4*0.7-6H | | 3P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM201C-M4*0.7-6HX | | 3P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM201CS-M4*0.7-6H | | 1,5P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM201CS-M4*0.7-6HX | | 1,5P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM201C-M5*0.8-6H | | 3P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM201C-M5*0.8-6HX | | 3P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM201CS-M5*0.8-6H | | 1,5P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM201CS-M5*0.8-6HX | | 1,5P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM201C-M6*0.75-6H | | 3P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ● |
| PM201C-M6*0.75-6HX | | 3P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ● |
| PM201CS-M6*0.75-6H | | 1,5P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ● |
| PM201CS-M6*0.75-6HX | | 1,5P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ● |
| PM201C-M6*1-6H | | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201CC-M6*1-6H | * | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201C-M6*1-6HX | | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201CS-M6*1-6H | | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201CCS-M6*1-6H | * | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201CS-M6*1-6HX | | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201C-M7*1-6H | | 3P | M7 | 1 | 7 | 5.7 | 80 | 19 | 30 | 3 | A | 6 | ● |
| PM201CS-M7*1-6H | | 1,5P | M7 | 1 | 7 | 5.7 | 80 | 19 | 30 | 3 | A | 6 | ● |
| PM201C-M8*1-6H | | 3P | M8 | 1 | 8 | 6.7 | 90 | 20 | 35 | 3 | A | 7 | ● |
| PM201CS-M8*1-6H | | 1,5P | M8 | 1 | 8 | 6.7 | 90 | 20 | 35 | 3 | A | 7 | ● |
| PM201C-M8*1.25-6H | | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201CC-M8*1.25-6H | * | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201C-M8*1.25-6HX | | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201CS-M8*1.25-6H | | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201CCS-M8*1.25-6H | * | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201CS-M8*1.25-6HX | | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201C-M10*1-6H | | 3P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 4 | A | 9 | ● |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per GHISA

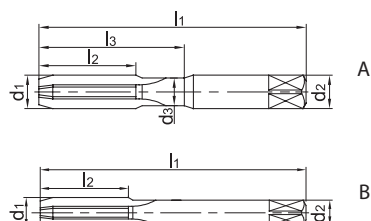


| codice | * | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | Grado |
|----------------------|---|-----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|-------|-------|
| | | | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | PC40R |
| PM201CS-M10*1-6H | | 1,5P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 4 | A | 9 | ● |
| PM201C-M10*1.25-6H | | 3P | M10 | 1.25 | 10 | 8.4 | 100 | 24 | 39 | 4 | A | 8.75 | ● |
| PM201CS-M10*1.25-6H | | 1,5P | M10 | 1.25 | 10 | 8.4 | 100 | 24 | 39 | 4 | A | 8.75 | ● |
| PM201C-M10*1.5-6H | | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201CC-M10*1.5-6H | * | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201C-M10*1.5-6HX | | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201CS-M10*1.5-6H | | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201CCS-M10*1.5-6H | * | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201CS-M10*1.5-6HX | | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201C-M12*1.25-6H | | 3P | M12 | 1.25 | 9 | | 110 | 29 | | 4 | B | 10.75 | ● |
| PM201CS-M12*1.25-6H | | 1,5P | M12 | 1.25 | 9 | | 110 | 29 | | 4 | B | 10.75 | ● |
| PM201C-M12*1.5-6H | | 3P | M12 | 1.5 | 9 | | 110 | 29 | | 4 | B | 10.5 | ● |
| PM201CS-M12*1.5-6H | | 1,5P | M12 | 1.5 | 9 | | 110 | 29 | | 4 | B | 10.5 | ● |
| PM201C-M12*1.75-6H | | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201CC-M12*1.75-6H | * | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201C-M12*1.75-6HX | | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201CS-M12*1.75-6H | | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201CCS-M12*1.75-6H | * | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201CS-M12*1.75-6HX | | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201C-M14*1.5-6H | | 3P | M14 | 1.5 | 11 | | 110 | 30 | | 4 | B | 12.5 | ● |
| PM201CS-M14*1.5-6H | | 1,5P | M14 | 1.5 | 11 | | 110 | 30 | | 4 | B | 12.5 | ● |
| PM201C-M14*2-6H | | 3P | M14 | 2 | 11 | | 110 | 30 | | 4 | B | 12 | ● |
| PM201CS-M14*2-6H | | 1,5P | M14 | 2 | 11 | | 110 | 30 | | 4 | B | 12 | ● |
| PM201C-M16*1.5-6H | | 3P | M16 | 1.5 | 12 | | 110 | 32 | | 4 | B | 14.5 | ● |
| PM201CS-M16*1.5-6H | | 1,5P | M16 | 1.5 | 12 | | 110 | 32 | | 4 | B | 14.5 | ● |
| PM201C-M16*2-6H | | 3P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM201C-M16*2-6HX | | 3P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM201CS-M16*2-6H | | 1,5P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM201CS-M16*2-6HX | | 1,5P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per GHISA

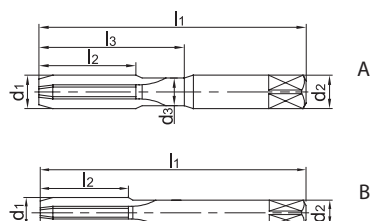


| codice | * | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | Grado PC40R |
|---------------------|---|-----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|------|----------------|
| | | | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | |
| PM202CS-M3*0.5-6H | | 1,5P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ○ |
| PM202CS-M3*0.5-6HX | | 1,5P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ○ |
| PM202C-M3*0.5-6H | | 3P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ● |
| PM202C-M3*0.5-6HX | | 3P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ○ |
| PM202C-M4*0.7-6H | | 3P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM202C-M4*0.7-6HX | | 3P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM202CS-M4*0.7-6H | | 1,5P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM202CS-M4*0.7-6HX | | 1,5P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM202C-M5*0.8-6H | | 3P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM202C-M5*0.8-6HX | | 3P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM202CS-M5*0.8-6H | | 1,5P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM202CS-M5*0.8-6HX | | 1,5P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM202C-M6*0.75-6H | | 3P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ● |
| PM202C-M6*0.75-6HX | | 3P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ○ |
| PM202CS-M6*0.75-6H | | 1,5P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ○ |
| PM202CS-M6*0.75-6HX | | 1,5P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ○ |
| PM202C-M6*1-6H | | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202CC-M6*1-6H | * | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202C-M6*1-6HX | | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202CS-M6*1-6H | | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202CCS-M6*1-6H | * | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202CS-M6*1-6HX | | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202C-M7*1-6H | | 3P | M7 | 1 | 7 | 5.7 | 80 | 19 | 30 | 3 | A | 6 | ● |
| PM202CS-M7*1-6H | | 1,5P | M7 | 1 | 7 | 5.7 | 80 | 19 | 30 | 3 | A | 6 | ● |
| PM202C-M8*1-6H | | 3P | M8 | 1 | 8 | 6.7 | 90 | 20 | 35 | 3 | A | 7 | ● |
| PM202CS-M8*1-6H | | 1,5P | M8 | 1 | 8 | 6.7 | 90 | 20 | 35 | 3 | A | 7 | ● |
| PM202C-M8*1.25-6H | | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM202CC-M8*1.25-6H | * | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ○ |
| PM202C-M8*1.25-6HX | | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ○ |
| PM202CS-M8*1.25-6H | | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ○ |
| PM202CCS-M8*1.25-6H | * | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ○ |
| PM202CS-M8*1.25-6HX | | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ○ |
| PM202C-M10*1-6H | | 3P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 4 | A | 9 | ● |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per GHISA

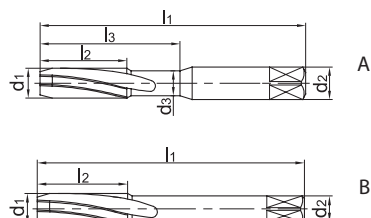


| codice | * | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | Grado |
|----------------------|---|-----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|-------|-------|
| | | | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | PC40R |
| PM202CS-M10*1-6H | | 1,5P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 4 | A | 9 | ● |
| PM202C-M10*1.25-6H | | 3P | M10 | 1.25 | 10 | 8.4 | 100 | 24 | 39 | 4 | A | 8.75 | ● |
| PM202CS-M10*1.25-6H | | 1,5P | M10 | 1.25 | 10 | 8.4 | 100 | 24 | 39 | 4 | A | 8.75 | ● |
| PM202C-M10*1.5-6H | | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202CC-M10*1.5-6H | * | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202C-M10*1.5-6HX | | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202CS-M10*1.5-6H | | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202CCS-M10*1.5-6H | * | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202CS-M10*1.5-6HX | | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202C-M12*1.25-6H | | 3P | M12 | 1.25 | 9 | | 110 | 29 | | 4 | B | 10.75 | ● |
| PM202CS-M12*1.25-6H | | 1,5P | M12 | 1.25 | 9 | | 110 | 29 | | 4 | B | 10.75 | ● |
| PM202C-M12*1.5-6H | | 3P | M12 | 1.5 | 9 | | 110 | 29 | | 4 | B | 10.5 | ● |
| PM202CS-M12*1.5-6H | | 1,5P | M12 | 1.5 | 9 | | 110 | 29 | | 4 | B | 10.5 | ● |
| PM202C-M12*1.75-6H | | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ○ |
| PM202CC-M12*1.75-6H | * | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ○ |
| PM202C-M12*1.75-6HX | | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ○ |
| PM202CS-M12*1.75-6H | | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ○ |
| PM202CCS-M12*1.75-6H | * | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ○ |
| PM202CS-M12*1.75-6HX | | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ○ |
| PM202C-M14*1.5-6H | | 3P | M14 | 1.5 | 11 | | 110 | 30 | | 4 | B | 12.5 | ● |
| PM202CS-M14*1.5-6H | | 1,5P | M14 | 1.5 | 11 | | 110 | 30 | | 4 | B | 12.5 | ● |
| PM202C-M14*2-6H | | 3P | M14 | 2 | 11 | | 110 | 30 | | 4 | B | 12 | ● |
| PM202CS-M14*2-6H | | 1,5P | M14 | 2 | 11 | | 110 | 30 | | 4 | B | 12 | ● |
| PM202C-M16*1.5-6H | | 3P | M16 | 1.5 | 12 | | 110 | 32 | | 4 | B | 14.5 | ● |
| PM202CS-M16*1.5-6H | | 1,5P | M16 | 1.5 | 12 | | 110 | 32 | | 4 | B | 14.5 | ● |
| PM202C-M16*2-6H | | 3P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM202C-M16*2-6HX | | 3P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM202CS-M16*2-6H | | 1,5P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM202CS-M16*2-6HX | | 1,5P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per MATERIALI NON FERROSI

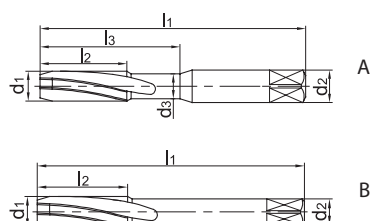



| codice | * | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | Grado PC40R |
|---------------------|---|-----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|------|----------------|
| | | | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | |
| PM201AS-M3*0.5-6H | | 1,5P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ● |
| PM201AS-M3*0.5-6HX | | 1,5P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ● |
| PM201A-M3*0.5-6H | | 3P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ● |
| PM201A-M3*0.5-6HX | | 3P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ● |
| PM201A-M4*0.7-6H | | 3P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM201A-M4*0.7-6HX | | 3P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM201AS-M4*0.7-6H | | 1,5P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM201AS-M4*0.7-6HX | | 1,5P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM201A-M5*0.8-6H | | 3P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM201A-M5*0.8-6HX | | 3P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM201AS-M5*0.8-6H | | 1,5P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM201AS-M5*0.8-6HX | | 1,5P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM201A-M6*0.75-6H | | 3P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ● |
| PM201A-M6*0.75-6HX | | 3P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ● |
| PM201AS-M6*0.75-6H | | 1,5P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ● |
| PM201AS-M6*0.75-6HX | | 1,5P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ● |
| PM201A-M6*1-6H | | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201AC-M6*1-6H | * | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201A-M6*1-6HX | | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201AS-M6*1-6H | | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201ACS-M6*1-6H | * | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201AS-M6*1-6HX | | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ● |
| PM201A-M7*1-6H | | 3P | M7 | 1 | 7 | 5.7 | 80 | 19 | 30 | 3 | A | 6 | ● |
| PM201AS-M7*1-6H | | 1,5P | M7 | 1 | 7 | 5.7 | 80 | 19 | 30 | 3 | A | 6 | ● |
| PM201A-M8*1-6H | | 3P | M8 | 1 | 8 | 6.7 | 90 | 20 | 35 | 3 | A | 7 | ● |
| PM201AS-M8*1-6H | | 1,5P | M8 | 1 | 8 | 6.7 | 90 | 20 | 35 | 3 | A | 7 | ● |
| PM201A-M8*1.25-6H | | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201AC-M8*1.25-6H | * | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201A-M8*1.25-6HX | | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201AS-M8*1.25-6H | | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201ACS-M8*1.25-6H | * | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201AS-M8*1.25-6HX | | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM201A-M10*1-6H | | 3P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 4 | A | 9 | ● |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per MATERIALI NON FERROSI

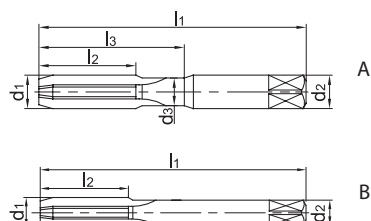



| codice | * | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | Grado |
|----------------------|---|---|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|-------|-------|
| | |  | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | PC40R |
| PM201AS-M10*1-6H | | 1,5P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 4 | A | 9 | ● |
| PM201A-M10*1.25-6H | | 3P | M10 | 1.25 | 10 | 8.4 | 100 | 24 | 39 | 4 | A | 8.75 | ● |
| PM201AS-M10*1.25-6H | | 1,5P | M10 | 1.25 | 10 | 8.4 | 100 | 24 | 39 | 4 | A | 8.75 | ● |
| PM201A-M10*1.5-6H | | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201AC-M10*1.5-6H | * | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201A-M10*1.5-6HX | | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201AS-M10*1.5-6H | | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201ACS-M10*1.5-6H | * | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201AS-M10*1.5-6HX | | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM201A-M12*1.25-6H | | 3P | M12 | 1.25 | 9 | | 110 | 29 | | 4 | B | 10.75 | ● |
| PM201AS-M12*1.25-6H | | 1,5P | M12 | 1.25 | 9 | | 110 | 29 | | 4 | B | 10.75 | ● |
| PM201A-M12*1.5-6H | | 3P | M12 | 1.5 | 9 | | 110 | 29 | | 4 | B | 10.5 | ● |
| PM201AS-M12*1.5-6H | | 1,5P | M12 | 1.5 | 9 | | 110 | 29 | | 4 | B | 10.5 | ● |
| PM201A-M12*1.75-6H | | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201AC-M12*1.75-6H | * | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201A-M12*1.75-6HX | | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201AS-M12*1.75-6H | | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201ACS-M12*1.75-6H | * | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201AS-M12*1.75-6HX | | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM201A-M14*1.5-6H | | 3P | M14 | 1.5 | 11 | | 110 | 30 | | 4 | B | 12.5 | ● |
| PM201AS-M14*1.5-6H | | 1,5P | M14 | 1.5 | 11 | | 110 | 30 | | 4 | B | 12.5 | ● |
| PM201A-M14*2-6H | | 3P | M14 | 2 | 11 | | 110 | 30 | | 4 | B | 12 | ● |
| PM201AS-M14*2-6H | | 1,5P | M14 | 2 | 11 | | 110 | 30 | | 4 | B | 12 | ● |
| PM201A-M16*1.5-6H | | 3P | M16 | 1.5 | 12 | | 110 | 32 | | 4 | B | 14.5 | ● |
| PM201AS-M16*1.5-6H | | 1,5P | M16 | 1.5 | 12 | | 110 | 32 | | 4 | B | 14.5 | ● |
| PM201A-M16*2-6H | | 3P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM201A-M16*2-6HX | | 3P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM201AS-M16*2-6H | | 1,5P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM201AS-M16*2-6HX | | 1,5P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per MATERIALI NON FERROSI

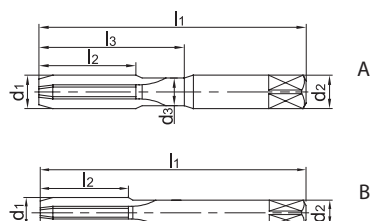


| codice | * | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | Grado PC40R |
|---------------------|---|---|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|------|----------------|
| | |  | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | |
| PM202AS-M3*0.5-6H | | 1,5P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ○ |
| PM202AS-M3*0.5-6HX | | 1,5P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ○ |
| PM202A-M3*0.5-6H | | 3P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ○ |
| PM202A-M3*0.5-6HX | | 3P | M3 | 0.5 | 3.5 | 2.3 | 56 | 11 | 18 | 3 | A | 2.5 | ○ |
| PM202A-M4*0.7-6H | | 3P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ● |
| PM202A-M4*0.7-6HX | | 3P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ○ |
| PM202AS-M4*0.7-6H | | 1,5P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ○ |
| PM202AS-M4*0.7-6HX | | 1,5P | M4 | 0.7 | 4.5 | 3.1 | 63 | 13 | 21 | 3 | A | 3.3 | ○ |
| PM202A-M5*0.8-6H | | 3P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM202A-M5*0.8-6HX | | 3P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ○ |
| PM202AS-M5*0.8-6H | | 1,5P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ● |
| PM202AS-M5*0.8-6HX | | 1,5P | M5 | 0.8 | 6 | 4 | 70 | 16 | 25 | 3 | A | 4.2 | ○ |
| PM202A-M6*0.75-6H | | 3P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ○ |
| PM202A-M6*0.75-6HX | | 3P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ○ |
| PM202AS-M6*0.75-6H | | 1,5P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ○ |
| PM202AS-M6*0.75-6HX | | 1,5P | M6 | 0.75 | 6 | 5 | 80 | 19 | 30 | 3 | A | 5.25 | ○ |
| PM202A-M6*1-6H | | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202AC-M6*1-6H | * | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202A-M6*1-6HX | | 3P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202AS-M6*1-6H | | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202ACS-M6*1-6H | * | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202AS-M6*1-6HX | | 1,5P | M6 | 1 | 6 | 4.7 | 80 | 19 | 30 | 3 | A | 5 | ○ |
| PM202A-M7*1-6H | | 3P | M7 | 1 | 7 | 5.7 | 80 | 19 | 30 | 3 | A | 6 | ● |
| PM202AS-M7*1-6H | | 1,5P | M7 | 1 | 7 | 5.7 | 80 | 19 | 30 | 3 | A | 6 | ● |
| PM202A-M8*1-6H | | 3P | M8 | 1 | 8 | 6.7 | 90 | 20 | 35 | 3 | A | 7 | ● |
| PM202AS-M8*1-6H | | 1,5P | M8 | 1 | 8 | 6.7 | 90 | 20 | 35 | 3 | A | 7 | ● |
| PM202A-M8*1.25-6H | | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ● |
| PM202AC-M8*1.25-6H | * | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ○ |
| PM202A-M8*1.25-6HX | | 3P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ○ |
| PM202AS-M8*1.25-6H | | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ○ |
| PM202ACS-M8*1.25-6H | * | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ○ |
| PM202AS-M8*1.25-6HX | | 1,5P | M8 | 1.25 | 8 | 6.4 | 90 | 22 | 35 | 3 | A | 6.75 | ○ |
| PM202A-M10*1-6H | | 3P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 4 | A | 9 | ● |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Maschio per MATERIALI NON FERROSI



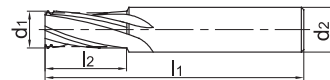
| codice | * | Dimensioni [mm] | | | | | | | | Denti | Geometria | d | Grado PC40R |
|----------------------|---|-----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-------|-----------|-------|----------------|
| | | | d ₁ | P | d ₂ | d ₃ | l ₁ | l ₂ | l ₃ | | | | |
| PM202AS-M10*1-6H | | 1,5P | M10 | 1 | 10 | 8.7 | 100 | 20 | 39 | 4 | A | 9 | ● |
| PM202A-M10*1.25-6H | | 3P | M10 | 1.25 | 10 | 8.4 | 100 | 24 | 39 | 4 | A | 8.75 | ● |
| PM202AS-M10*1.25-6H | | 1,5P | M10 | 1.25 | 10 | 8.4 | 100 | 24 | 39 | 4 | A | 8.75 | ● |
| PM202A-M10*1.5-6H | | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202AC-M10*1.5-6H | * | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202A-M10*1.5-6HX | | 3P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202AS-M10*1.5-6H | | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202ACS-M10*1.5-6H | * | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202AS-M10*1.5-6HX | | 1,5P | M10 | 1.5 | 10 | 8.1 | 100 | 24 | 39 | 4 | A | 8.5 | ● |
| PM202A-M12*1.25-6H | | 3P | M12 | 1.25 | 9 | | 110 | 29 | | 4 | B | 10.75 | ● |
| PM202AS-M12*1.25-6H | | 1,5P | M12 | 1.25 | 9 | | 110 | 29 | | 4 | B | 10.75 | ● |
| PM202A-M12*1.5-6H | | 3P | M12 | 1.5 | 9 | | 110 | 29 | | 4 | B | 10.5 | ● |
| PM202AS-M12*1.5-6H | | 1,5P | M12 | 1.5 | 9 | | 110 | 29 | | 4 | B | 10.5 | ● |
| PM202A-M12*1.75-6H | | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM202AC-M12*1.75-6H | * | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM202A-M12*1.75-6HX | | 3P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM202AS-M12*1.75-6H | | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM202ACS-M12*1.75-6H | * | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM202AS-M12*1.75-6HX | | 1,5P | M12 | 1.75 | 9 | | 110 | 29 | | 4 | B | 10.25 | ● |
| PM202A-M14*1.5-6H | | 3P | M14 | 1.5 | 11 | | 110 | 30 | | 4 | B | 12.5 | ● |
| PM202AS-M14*1.5-6H | | 1,5P | M14 | 1.5 | 11 | | 110 | 30 | | 4 | B | 12.5 | ● |
| PM202A-M14*2-6H | | 3P | M14 | 2 | 11 | | 110 | 30 | | 4 | B | 12 | ● |
| PM202AS-M14*2-6H | | 1,5P | M14 | 2 | 11 | | 110 | 30 | | 4 | B | 12 | ● |
| PM202A-M16*1.5-6H | | 3P | M16 | 1.5 | 12 | | 110 | 32 | | 4 | B | 14.5 | ● |
| PM202AS-M16*1.5-6H | | 1,5P | M16 | 1.5 | 12 | | 110 | 32 | | 4 | B | 14.5 | ● |
| PM202A-M16*2-6H | | 3P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM202AS-M16*2-6H | | 1,5P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM202A-M16*2-6HX | | 3P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM202AS-M16*2-6H | | 1,5P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |
| PM202AS-M16*2-6HX | | 1,5P | M16 | 2 | 12 | | 110 | 32 | | 4 | B | 14 | ● |

UTENSILI PER FILETTARE IN METALLO DURO INTEGRALE



Fresa filettare per ACCIAIO / GHISA / MATERIALI NON FERROSI

- codolo cilindrico



| codice | * | Dimensioni [mm] | | | | | | Denti | d | Grado | |
|----------------|---|-----------------|----------------|------|----------------|----------------|----------------|-------|-------|-------|--------|
| | | D | d ₁ | P | d ₂ | l ₁ | l ₂ | | | PC 40 | PC 40R |
| FF111-M3*0.5 | | M3 | 2.35 | 0.5 | 4 | 50 | 6 | 3 | 2.5 | ● | ○ |
| FF111-M4*0.7 | | M4 | 3.15 | 0.7 | 4 | 50 | 8 | 3 | 3.3 | ● | ○ |
| FF111-M5*0.8 | | M5 | 4 | 0.8 | 6 | 50 | 10 | 3 | 4.2 | ● | ○ |
| FF111-M5*0.5 | | M5 | 4.3 | 0.5 | 6 | 50 | 10 | 3 | 4.5 | ● | ○ |
| FF111-M6*1 | | M6 | 4.75 | 1 | 6 | 60 | 12 | 4 | 5 | ● | ● |
| FF111-M6*0.75 | | M6 | 5 | 0.75 | 6 | 60 | 12 | 4 | 5.25 | ● | ○ |
| FF111-M8*1.25 | | M8 | 6.45 | 1.25 | 8 | 60 | 16 | 4 | 6.75 | ● | ● |
| FF111-M8*1 | | M8 | 6.65 | 1 | 8 | 60 | 16 | 4 | 7 | ● | ○ |
| FF111-M10*1.5 | | M10 | 8.1 | 1.5 | 10 | 75 | 20 | 4 | 8.5 | ● | ○ |
| FF111-M10*1 | | M10 | 8.55 | 1 | 10 | 75 | 20 | 4 | 9 | ● | ○ |
| FF111-M12*1.75 | | M12 | 9.75 | 1.75 | 12 | 75 | 24 | 4 | 10.25 | ● | ○ |
| FF111-M12*1.25 | | M12 | 10.25 | 1.25 | 12 | 75 | 24 | 4 | 10.75 | ● | ○ |
| FF111-M14*2 | | M14 | 11.4 | 2 | 14 | 75 | 28 | 4 | 12 | ● | ○ |
| FF111-M14*1.5 | | M14 | 11.9 | 1.5 | 14 | 75 | 28 | 4 | 12.5 | ● | ○ |
| FF111-M14*1 | | M14 | 12.35 | 1 | 14 | 75 | 20 | 4 | 13 | ● | ○ |
| FF111-M16*2 | | M16 | 13.3 | 2 | 16 | 90 | 32 | 6 | 14 | ● | ○ |
| FF111-M18*2.5 | | M18 | 14.75 | 2.5 | 18 | 90 | 36 | 6 | 15.5 | ● | ○ |
| FF111-M18*1 | | M18 | 16.15 | 1 | 18 | 90 | 20 | 6 | 17 | ● | ○ |
| FF111-M20*2.5 | | M20 | 16.65 | 2.5 | 18 | 100 | 40 | 6 | 17.5 | ● | ○ |
| FF111-M20*2 | | M20 | 17.1 | 2 | 18 | 100 | 40 | 6 | 18 | ● | ○ |

FRESE METALLO DURO INTEGRALE - GENERICHE

Frese metallo duro integrale rivestite, per applicazione generali fino a 55 HRC
Smorzamento delle vibrazioni, grazie all'angolo variabile 38° / 41° dell'evolvente elica.

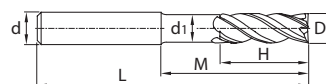


FRESE METALLO DURO INTEGRALE



Fresa per applicazioni generali

- codolo cilindrico / DIN 6535HA
- elica corta passo variabile 38° / 41°



| codice | * | Dimensioni [mm] | | | | | | Z | Grado |
|--------------------|---|-----------------|--------|----------------|----|----|----|---|---------|
| | | D | d (h6) | d ₁ | H | M | L | | PCG 405 |
| PF501R38414GM-0400 | | 4 | 6 | 3.7 | 8 | 16 | 54 | 4 | ● |
| PF501R38414GM-0500 | | 5 | 6 | 4.7 | 9 | 17 | 54 | 4 | ● |
| PF501R38414GM-0600 | | 6 | 6 | 5.7 | 10 | 18 | 54 | 4 | ● |
| PF501R38414GM-0800 | | 8 | 8 | 7.7 | 12 | 22 | 58 | 4 | ● |
| PF501R38414GM-1000 | | 10 | 10 | 9.5 | 14 | 26 | 66 | 4 | ● |
| PF501R38414GM-1200 | | 12 | 12 | 11.5 | 16 | 28 | 73 | 4 | ● |
| PF501R38414GM-1400 | | 14 | 14 | 13.5 | 18 | 30 | 75 | 4 | ● |
| PF501R38414GM-1600 | | 16 | 16 | 15.5 | 22 | 34 | 82 | 4 | ● |
| PF501R38414GM-1800 | | 18 | 18 | 17.5 | 24 | 36 | 84 | 4 | ● |
| PF501R38414GM-2000 | | 20 | 20 | 19.5 | 26 | 42 | 92 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa per applicazioni generali

- codolo cilindrico / DIN 6535HA
- tagliente lungo con scarico ribassato
- elica passo variabile 38° / 41°



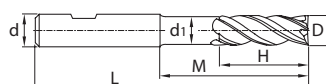
| codice | ✱ | Dimensioni [mm] | | | | | | Z | Grado |
|--------------------|---|-----------------|--------|----------------|----|----|-----|---|---------|
| | | D | d (h6) | d ₁ | H | M | L | | PCG 405 |
| PF502R38414GM-0400 | | 4 | 6 | 3.7 | 11 | 19 | 57 | 4 | ● |
| PF502R38414GM-0500 | | 5 | 6 | 4.7 | 13 | 21 | 57 | 4 | ● |
| PF502R38414GM-0600 | | 6 | 6 | 5.7 | 13 | 21 | 57 | 4 | ● |
| PF502R38414GM-0800 | | 8 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF502R38414GM-1000 | | 10 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF502R38414GM-1200 | | 12 | 12 | 11.5 | 26 | 38 | 83 | 4 | ● |
| PF502R38414GM-1400 | | 14 | 14 | 13.5 | 26 | 38 | 83 | 4 | ● |
| PF502R38414GM-1600 | | 16 | 16 | 15.5 | 32 | 44 | 92 | 4 | ● |
| PF502R38414GM-1800 | | 18 | 18 | 17.5 | 32 | 44 | 92 | 4 | ● |
| PF502R38414GM-2000 | | 20 | 20 | 19.5 | 38 | 54 | 104 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa per applicazioni generali

- attacco weldon / DIN 6535HB
- elica passo variabile 38° / 41°



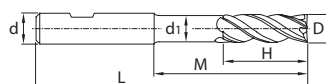
| codice | * | Dimensioni [mm] | | | | | | Z | Grado |
|--------------------|---|-----------------|--------|----------------|----|----|----|---|---------|
| | | D | d (h6) | d ₁ | H | M | L | | PCG 405 |
| PF601R38414GM-0400 | | 4 | 6 | 3.7 | 8 | 16 | 54 | 4 | ● |
| PF601R38414GM-0500 | | 5 | 6 | 4.7 | 9 | 17 | 54 | 4 | ● |
| PF601R38414GM-0600 | | 6 | 6 | 5.7 | 10 | 18 | 54 | 4 | ● |
| PF601R38414GM-0800 | | 8 | 8 | 7.7 | 12 | 22 | 58 | 4 | ● |
| PF601R38414GM-1000 | | 10 | 10 | 9.5 | 14 | 26 | 66 | 4 | ● |
| PF601R38414GM-1200 | | 12 | 12 | 11.5 | 16 | 28 | 73 | 4 | ● |
| PF601R38414GM-1400 | | 14 | 14 | 13.5 | 18 | 30 | 75 | 4 | ● |
| PF601R38414GM-1600 | | 16 | 16 | 15.5 | 22 | 34 | 82 | 4 | ● |
| PF601R38414GM-1800 | | 18 | 18 | 17.5 | 24 | 36 | 84 | 4 | ● |
| PF601R38414GM-2000 | | 20 | 20 | 19.5 | 26 | 42 | 92 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa per applicazioni generali

- attacco weldon / DIN 6535HB
- tagliente lungo con scarico ribassato
- elica passo variabile 38° / 41°



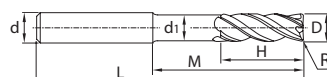
| codice | * | Dimensioni [mm] | | | | | | Z | Grado |
|--------------------|---|-----------------|--------|----------------|----|----|-----|---|---------|
| | | D | d (h6) | d ₁ | H | M | L | | PCG 405 |
| PF602R38414GM-0400 | | 4 | 6 | 3.7 | 11 | 19 | 57 | 4 | ● |
| PF602R38414GM-0500 | | 5 | 6 | 4.7 | 13 | 21 | 57 | 4 | ● |
| PF602R38414GM-0600 | | 6 | 6 | 5.7 | 13 | 21 | 57 | 4 | ● |
| PF602R38414GM-0800 | | 8 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF602R38414GM-1000 | | 10 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF602R38414GM-1200 | | 12 | 12 | 11.5 | 26 | 38 | 83 | 4 | ● |
| PF602R38414GM-1400 | | 14 | 14 | 13.5 | 26 | 38 | 83 | 4 | ● |
| PF602R38414GM-1600 | | 16 | 16 | 15.5 | 32 | 44 | 92 | 4 | ● |
| PF602R38414GM-1800 | | 18 | 18 | 17.5 | 32 | 44 | 92 | 4 | ● |
| PF602R38414GM-2000 | | 20 | 20 | 19.5 | 38 | 54 | 104 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa raggiata per applicazioni generali

- codolo cilindrico / DIN 6535HA
- elica passo variabile 38° / 41°



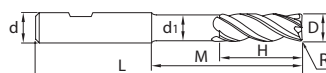
| codice | * | Dimensioni [mm] | | | | | | | Z | Grado |
|------------------------|---|-----------------|-----|--------|----------------|----|----|-----|---|---------|
| | | D | R | d (h6) | d ₁ | H | M | L | | PCG 405 |
| PF502R38414GM-R02-0400 | | 4 | 0.2 | 6 | 3.7 | 11 | 19 | 57 | 4 | ● |
| PF502R38414GM-R05-0400 | | 4 | 0.5 | 6 | 3.7 | 11 | 19 | 57 | 4 | ● |
| PF502R38414GM-R02-0500 | | 5 | 0.2 | 6 | 4.7 | 13 | 21 | 57 | 4 | ● |
| PF502R38414GM-R05-0500 | | 5 | 0.5 | 6 | 4.7 | 13 | 21 | 57 | 4 | ● |
| PF502R38414GM-R02-0600 | | 6 | 0.2 | 6 | 5.7 | 13 | 21 | 57 | 4 | ● |
| PF502R38414GM-R05-0600 | | 6 | 0.5 | 6 | 5.7 | 13 | 21 | 57 | 4 | ● |
| PF502R38414GM-R10-0600 | | 6 | 1 | 6 | 5.7 | 13 | 21 | 57 | 4 | ● |
| PF502R38414GM-R02-0800 | | 8 | 0.2 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF502R38414GM-R05-0800 | | 8 | 0.5 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF502R38414GM-R10-0800 | | 8 | 1 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF502R38414GM-R15-0800 | | 8 | 1.5 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF502R38414GM-R20-0800 | | 8 | 2 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF502R38414GM-R02-1000 | | 10 | 0.2 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF502R38414GM-R05-1000 | | 10 | 0.5 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF502R38414GM-R10-1000 | | 10 | 1 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF502R38414GM-R15-1000 | | 10 | 1.5 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF502R38414GM-R20-1000 | | 10 | 2 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF502R38414GM-R05-1200 | | 12 | 0.5 | 12 | 11.5 | 26 | 38 | 83 | 4 | ● |
| PF502R38414GM-R10-1200 | | 12 | 1 | 12 | 11.5 | 26 | 38 | 83 | 4 | ● |
| PF502R38414GM-R15-1200 | | 12 | 1.5 | 12 | 11.5 | 26 | 38 | 83 | 4 | ● |
| PF502R38414GM-R20-1200 | | 12 | 2 | 12 | 11.5 | 26 | 38 | 83 | 4 | ● |
| PF502R38414GM-R10-1600 | | 16 | 1 | 16 | 15.5 | 32 | 44 | 92 | 4 | ● |
| PF502R38414GM-R15-1600 | | 16 | 1.5 | 16 | 15.5 | 32 | 44 | 92 | 4 | ● |
| PF502R38414GM-R20-1600 | | 16 | 2 | 16 | 15.5 | 32 | 44 | 92 | 4 | ● |
| PF502R38414GM-R30-1600 | | 16 | 3 | 16 | 15.5 | 32 | 44 | 92 | 4 | ● |
| PF502R38414GM-R10-2000 | | 20 | 1 | 20 | 19.5 | 38 | 54 | 104 | 4 | ● |
| PF502R38414GM-R15-2000 | | 20 | 1.5 | 20 | 19.5 | 38 | 54 | 104 | 4 | ● |
| PF502R38414GM-R20-2000 | | 20 | 2 | 20 | 19.5 | 38 | 54 | 104 | 4 | ● |
| PF502R38414GM-R30-2000 | | 20 | 3 | 20 | 19.5 | 38 | 54 | 104 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa raggiata per applicazioni generali

- attacco weldon / DIN 6535HB
- elica passo variabile 38° / 41°



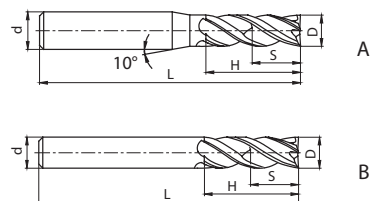
| codice | * | Dimensioni [mm] | | | | | | | Z | Grado |
|------------------------|---|-----------------|-----|--------|----------------|----|----|-----|---|---------|
| | | D | R | d (h6) | d ₁ | H | M | L | | PCG 405 |
| PF602R38414GM-R02-0400 | | 4 | 0.2 | 6 | 3.7 | 11 | 19 | 57 | 4 | ● |
| PF602R38414GM-R05-0400 | | 4 | 0.5 | 6 | 3.7 | 11 | 19 | 57 | 4 | ● |
| PF602R38414GM-R02-0500 | | 5 | 0.2 | 6 | 4.7 | 13 | 21 | 57 | 4 | ● |
| PF602R38414GM-R05-0500 | | 5 | 0.5 | 6 | 4.7 | 13 | 21 | 57 | 4 | ● |
| PF602R38414GM-R02-0600 | | 6 | 0.2 | 6 | 5.7 | 13 | 21 | 57 | 4 | ● |
| PF602R38414GM-R05-0600 | | 6 | 0.5 | 6 | 5.7 | 13 | 21 | 57 | 4 | ● |
| PF602R38414GM-R10-0600 | | 6 | 1 | 6 | 5.7 | 13 | 21 | 57 | 4 | ● |
| PF602R38414GM-R02-0800 | | 8 | 0.2 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF602R38414GM-R05-0800 | | 8 | 0.5 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF602R38414GM-R10-0800 | | 8 | 1 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF602R38414GM-R15-0800 | | 8 | 1.5 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF602R38414GM-R20-0800 | | 8 | 2 | 8 | 7.7 | 19 | 27 | 63 | 4 | ● |
| PF602R38414GM-R02-1000 | | 10 | 0.2 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF602R38414GM-R05-1000 | | 10 | 0.5 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF602R38414GM-R10-1000 | | 10 | 1 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF602R38414GM-R15-1000 | | 10 | 1.5 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF602R38414GM-R20-1000 | | 10 | 2 | 10 | 9.5 | 22 | 32 | 72 | 4 | ● |
| PF602R38414GM-R05-1200 | | 12 | 0.5 | 12 | 11.5 | 26 | 38 | 83 | 4 | ● |
| PF602R38414GM-R10-1200 | | 12 | 1 | 12 | 11.5 | 26 | 38 | 83 | 4 | ● |
| PF602R38414GM-R15-1200 | | 12 | 1.5 | 12 | 11.5 | 26 | 38 | 83 | 4 | ● |
| PF602R38414GM-R20-1200 | | 12 | 2 | 12 | 11.5 | 26 | 38 | 83 | 4 | ● |
| PF602R38414GM-R10-1600 | | 16 | 1 | 16 | 15.5 | 32 | 44 | 92 | 4 | ● |
| PF602R38414GM-R15-1600 | | 16 | 1.5 | 16 | 15.5 | 32 | 44 | 92 | 4 | ● |
| PF602R38414GM-R20-1600 | | 16 | 2 | 16 | 15.5 | 32 | 44 | 92 | 4 | ● |
| PF602R38414GM-R30-1600 | | 16 | 3 | 16 | 15.5 | 32 | 44 | 92 | 4 | ● |
| PF602R38414GM-R10-2000 | | 20 | 1 | 20 | 19.5 | 38 | 54 | 104 | 4 | ● |
| PF602R38414GM-R15-2000 | | 20 | 1.5 | 20 | 19.5 | 38 | 54 | 104 | 4 | ● |
| PF602R38414GM-R20-2000 | | 20 | 2 | 20 | 19.5 | 38 | 54 | 104 | 4 | ● |
| PF602R38414GM-R30-2000 | | 20 | 3 | 20 | 19.5 | 38 | 54 | 104 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa per applicazioni generali

- codolo cilindrico / DIN 6535HA
- elica a doppio scarico passo variabile 38° / 41°



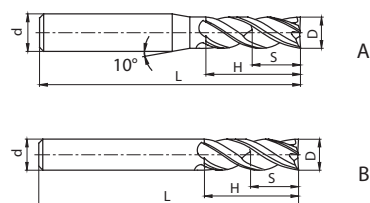
| codice | * | Dimensioni [mm] | | | | | Z | Geometria | Grado |
|--------------|---|-----------------|--------|----|-----|------|---|-----------|---------|
| | | D | d (h6) | H | L | S | | | PCG 405 |
| PFM-4E-D4.0S | | 4 | 4 | 11 | 50 | 6 | 4 | B | ● |
| PFM-4E-D4.0 | | 4 | 6 | 11 | 50 | 6 | 4 | A | ● |
| PFM-4E-D4.5 | | 4.5 | 6 | 11 | 50 | 6.75 | 4 | A | ● |
| PFM-4E-D5.0 | | 5 | 6 | 13 | 50 | 7.5 | 4 | A | ● |
| PFM-4E-D5.5 | | 5.5 | 6 | 16 | 50 | 8.25 | 4 | A | ● |
| PFM-4E-D6.0 | | 6 | 6 | 16 | 50 | 9 | 4 | B | ● |
| PFM-4E-D7.0 | | 7 | 8 | 20 | 60 | 10.5 | 4 | A | ● |
| PFM-4E-D8.0 | | 8 | 8 | 20 | 60 | 12 | 4 | B | ● |
| PFM-4E-D9.0 | | 9 | 10 | 22 | 75 | 13.5 | 4 | A | ● |
| PFM-4E-D10.0 | | 10 | 10 | 25 | 75 | 15 | 4 | B | ● |
| PFM-4E-D11.0 | | 11 | 12 | 26 | 75 | 16.5 | 4 | A | ● |
| PFM-4E-D12.0 | | 12 | 12 | 30 | 75 | 18 | 4 | B | ● |
| PFM-4E-D14.0 | | 14 | 14 | 32 | 75 | 21 | 4 | B | ● |
| PFM-4E-D16.0 | | 16 | 16 | 45 | 100 | 24 | 4 | B | ● |
| PFM-4E-D18.0 | | 18 | 18 | 45 | 100 | 27 | 4 | B | ● |
| PFM-4E-D20.0 | | 20 | 20 | 45 | 100 | 30 | 4 | B | ● |

FRESE METALLO DURO INTEGRALE



Fresa per applicazioni generali

- attacco weldon / DIN 6535HB
- elica a doppio scarico passo variabile 38° / 41°



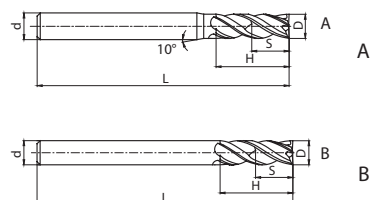
| codice | * | Dimensioni [mm] | | | | | Z | Geometria | Grado |
|----------------|---|-----------------|--------|----|-----|------|---|-----------|---------|
| | | D | d (h6) | H | L | S | | | PCG 405 |
| PFM-4E-D4.0S-W | | 4 | 4 | 11 | 50 | 6 | 4 | B | ● |
| PFM-4E-D4.0-W | | 4 | 6 | 11 | 50 | 6 | 4 | A | ● |
| PFM-4E-D4.5-W | | 4.5 | 6 | 11 | 50 | 6.75 | 4 | A | ● |
| PFM-4E-D5.0-W | | 5 | 6 | 13 | 50 | 7.5 | 4 | A | ● |
| PFM-4E-D5.5-W | | 5.5 | 6 | 16 | 50 | 8.25 | 4 | A | ● |
| PFM-4E-D6.0-W | | 6 | 6 | 16 | 50 | 9 | 4 | B | ● |
| PFM-4E-D7.0-W | | 7 | 8 | 20 | 60 | 10.5 | 4 | A | ● |
| PFM-4E-D8.0-W | | 8 | 8 | 20 | 60 | 12 | 4 | B | ● |
| PFM-4E-D9.0-W | | 9 | 10 | 22 | 75 | 13.5 | 4 | A | ● |
| PFM-4E-D10.0-W | | 10 | 10 | 25 | 75 | 15 | 4 | B | ● |
| PFM-4E-D11.0-W | | 11 | 12 | 26 | 75 | 16.5 | 4 | A | ● |
| PFM-4E-D12.0-W | | 12 | 12 | 30 | 75 | 18 | 4 | B | ● |
| PFM-4E-D14.0-W | | 14 | 14 | 32 | 75 | 21 | 4 | B | ● |
| PFM-4E-D16.0-W | | 16 | 16 | 45 | 100 | 24 | 4 | B | ● |
| PFM-4E-D18.0-W | | 18 | 18 | 45 | 100 | 27 | 4 | B | ● |
| PFM-4E-D20.0-W | | 20 | 20 | 45 | 100 | 30 | 4 | B | ● |

FRESE METALLO DURO INTEGRALE



Fresa per applicazioni generali

- codolo cilindrico / DIN 6535HB
- tagliente lungo con doppio scarico ribassato
- elica passo variabile 38° / 41°



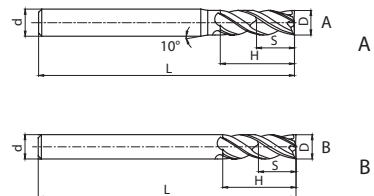
| codice | * | Dimensioni [mm] | | | | | Z | Geometria | Grado |
|---------------|---|-----------------|--------|----|-----|-----|---|-----------|---------|
| | | D | d (h6) | H | L | S | | | PCG 405 |
| PFM-4EL-D4.0 | | 4 | 6 | 15 | 75 | 6 | 4 | A | ● |
| PFM-4EL-D5.0 | | 5 | 6 | 20 | 75 | 7.5 | 4 | A | ● |
| PFM-4EL-D6.0 | | 6 | 6 | 20 | 75 | 9 | 4 | B | ● |
| PFM-4EL-D8.0 | | 8 | 8 | 25 | 100 | 12 | 4 | B | ● |
| PFM-4EL-D10.0 | | 10 | 10 | 30 | 100 | 15 | 4 | B | ● |
| PFM-4EL-D12.0 | | 12 | 12 | 35 | 100 | 18 | 4 | B | ● |
| PFM-4EL-D14.0 | | 14 | 14 | 40 | 100 | 21 | 4 | B | ● |
| PFM-4EL-D16.0 | | 16 | 16 | 50 | 150 | 24 | 4 | B | ● |
| PFM-4EL-D20.0 | | 20 | 20 | 55 | 150 | 30 | 4 | B | ● |

FRESE METALLO DURO INTEGRALE



Fresa per applicazioni generali

- attacco weldon / DIN 6535HB
- tagliente lungo con doppio scarico ribassato
- elica passo variabile 38° / 41°



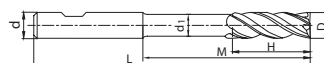
| codice | * | Dimensioni [mm] | | | | | Z | Geometria | Grado |
|-----------------|---|-----------------|--------|----|-----|-----|---|-----------|---------|
| | | D | d (h6) | H | L | S | | | PCG 405 |
| PFM-4EL-D4.0-W | | 4 | 6 | 15 | 75 | 6 | 4 | A | ● |
| PFM-4EL-D5.0-W | | 5 | 6 | 20 | 75 | 7.5 | 4 | A | ● |
| PFM-4EL-D6.0-W | | 6 | 6 | 20 | 75 | 9 | 4 | B | ● |
| PFM-4EL-D8.0-W | | 8 | 8 | 25 | 100 | 12 | 4 | B | ● |
| PFM-4EL-D10.0-W | | 10 | 10 | 30 | 100 | 15 | 4 | B | ● |
| PFM-4EL-D12.0-W | | 12 | 12 | 35 | 100 | 18 | 4 | B | ● |
| PFM-4EL-D14.0-W | | 14 | 14 | 40 | 100 | 21 | 4 | B | ● |
| PFM-4EL-D16.0-W | | 16 | 16 | 50 | 150 | 24 | 4 | B | ● |
| PFM-4EL-D20.0-W | | 20 | 20 | 55 | 150 | 30 | 4 | B | ● |

FRESE METALLO DURO INTEGRALE



Fresa per applicazioni generali

- attacco weldon / DIN 6535HB
- tagliente extra lungo con doppio scarico ribassato
- elica passo variabile 38° / 41°



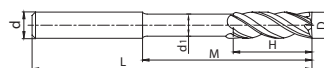
| codice | * | Dimensioni [mm] | | | | | | Z | Grado |
|------------------|---|-----------------|--------|----------------|----|-----|-----|---|---------|
| | | D | d (h6) | d ₁ | H | M | L | | PCG 405 |
| PFM-4ELP-D4.0-W | | 4 | 6 | 3.8 | 15 | 36 | 75 | 4 | ● |
| PFM-4ELP-D5.0-W | | 5 | 6 | 4.8 | 20 | 36 | 75 | 4 | ● |
| PFM-4ELP-D6.0-W | | 6 | 6 | 5.7 | 20 | 36 | 75 | 4 | ● |
| PFM-4ELP-D8.0-W | | 8 | 8 | 7.7 | 25 | 60 | 100 | 4 | ● |
| PFM-4ELP-D10.0-W | | 10 | 10 | 9.5 | 30 | 55 | 100 | 4 | ● |
| PFM-4ELP-D12.0-W | | 12 | 12 | 11.5 | 35 | 50 | 100 | 4 | ● |
| PFM-4ELP-D14.0-W | | 14 | 14 | 13.5 | 40 | 50 | 100 | 4 | ● |
| PFM-4ELP-D16.0-W | | 16 | 16 | 15.5 | 50 | 100 | 150 | 4 | ● |
| PFM-4ELP-D20.0-W | | 20 | 20 | 19.5 | 55 | 98 | 150 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa per applicazioni generali

- codolo cilindrico / DIN 6535HB
- tagliente extra corto con doppio scarico ribassato
- elica passo variabile 38° / 41°



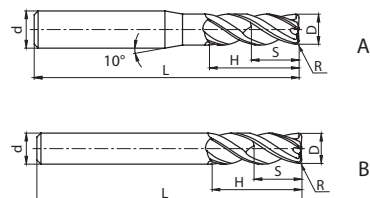
| codice | * | Dimensioni [mm] | | | | | | Z | Grado |
|----------------|---|-----------------|--------|----------------|----|----|-----|---|---------|
| | | D | d (h6) | d ₁ | H | M | L | | PCG 405 |
| PFM-4EFP-D6.0 | | 6 | 6 | 5.8 | 9 | 30 | 75 | 4 | ● |
| PFM-4EFP-D8.0 | | 8 | 8 | 7.8 | 12 | 40 | 100 | 4 | ● |
| PFM-4EFP-D10.0 | | 10 | 10 | 9.6 | 15 | 50 | 100 | 4 | ● |
| PFM-4EFP-D12.0 | | 12 | 12 | 11.5 | 18 | 50 | 100 | 4 | ● |
| PFM-4EFP-D16.0 | | 16 | 16 | 15.5 | 24 | 50 | 150 | 4 | ● |
| PFM-4EFP-D20.0 | | 20 | 20 | 19.5 | 30 | 60 | 150 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa raggiata per applicazioni generali

- codolo cilindrico / DIN 6535HB
- elica a doppio scarico passo variabile 38° / 41°



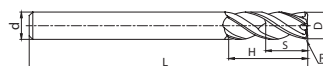
| codice | * | Dimensioni [mm] | | | | | | Z | Geometria | Grado PCG 405 |
|------------------|---|-----------------|-----|--------|----|-----|-----|---|-----------|------------------|
| | | D | R | d (h6) | H | L | S | | | |
| PFM-4R-D4.0R0.3 | | 4 | 0.3 | 6 | 10 | 50 | 6 | 4 | A | ● |
| PFM-4R-D4.0R0.5 | | 4 | 0.5 | 6 | 10 | 50 | 6 | 4 | A | ● |
| PFM-4R-D5.0R0.5 | | 5 | 0.5 | 6 | 13 | 50 | 7.5 | 4 | A | ● |
| PFM-4R-D5.0R1.0 | | 5 | 1 | 6 | 13 | 50 | 7.5 | 4 | A | ● |
| PFM-4R-D6.0R0.5 | | 6 | 0.5 | 6 | 16 | 50 | 9 | 4 | B | ● |
| PFM-4R-D6.0R1.0 | | 6 | 1 | 6 | 16 | 50 | 9 | 4 | B | ● |
| PFM-4R-D8.0R0.5 | | 8 | 0.5 | 8 | 20 | 60 | 12 | 4 | B | ● |
| PFM-4R-D8.0R1.0 | | 8 | 1 | 8 | 20 | 60 | 12 | 4 | B | ● |
| PFM-4R-D10.0R0.5 | | 10 | 0.5 | 10 | 25 | 75 | 15 | 4 | B | ● |
| PFM-4R-D10.0R1.0 | | 10 | 1 | 10 | 25 | 75 | 15 | 4 | B | ● |
| PFM-4R-D10.0R2.0 | | 10 | 2 | 10 | 25 | 75 | 15 | 4 | B | ● |
| PFM-4R-D10.0R3.0 | | 10 | 3 | 10 | 25 | 75 | 15 | 4 | B | ● |
| PFM-4R-D12.0R0.5 | | 12 | 0.5 | 12 | 30 | 75 | 18 | 4 | B | ● |
| PFM-4R-D12.0R1.0 | | 12 | 1 | 12 | 30 | 75 | 18 | 4 | B | ● |
| PFM-4R-D12.0R2.0 | | 12 | 2 | 12 | 30 | 75 | 18 | 4 | B | ● |
| PFM-4R-D12.0R3.0 | | 12 | 3 | 12 | 30 | 75 | 18 | 4 | B | ● |
| PFM-4R-D16.0R1.0 | | 16 | 1 | 16 | 45 | 100 | 24 | 4 | B | ● |
| PFM-4R-D16.0R2.0 | | 16 | 2 | 16 | 45 | 100 | 24 | 4 | B | ● |
| PFM-4R-D16.0R3.0 | | 16 | 3 | 16 | 45 | 100 | 24 | 4 | B | ● |
| PFM-4R-D20.0R1.0 | | 20 | 1 | 20 | 45 | 100 | 30 | 4 | B | ● |
| PFM-4R-D20.0R2.0 | | 20 | 2 | 20 | 45 | 100 | 30 | 4 | B | ● |
| PFM-4R-D20.0R3.0 | | 20 | 3 | 20 | 45 | 100 | 30 | 4 | B | ● |

FRESE METALLO DURO INTEGRALE



Fresa raggiata extra lunga per applicazioni generali

- codolo cilindrico / DIN 6535HB
- tagliente lungo con doppio scarico ribassato
- elica passo variabile 38° / 41°



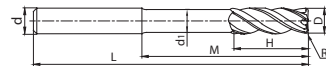
| codice | * | Dimensioni [mm] | | | | | | Z | Grado |
|-------------------|---|-----------------|-----|--------|----|-----|----|---|---------|
| | | D | R | d (h6) | H | L | S | | PCG 405 |
| PFM-4RL-D6.0R0.5 | | 6 | 0.5 | 6 | 16 | 75 | 9 | 4 | ● |
| PFM-4RL-D6.0R1.0 | | 6 | 1 | 6 | 16 | 75 | 9 | 4 | ● |
| PFM-4RL-D8.0R0.5 | | 8 | 0.5 | 8 | 20 | 100 | 12 | 4 | ● |
| PFM-4RL-D8.0R1.0 | | 8 | 1 | 8 | 20 | 100 | 12 | 4 | ● |
| PFM-4RL-D10.0R0.5 | | 10 | 0.5 | 10 | 25 | 100 | 15 | 4 | ● |
| PFM-4RL-D10.0R1.0 | | 10 | 1 | 10 | 25 | 100 | 15 | 4 | ● |
| PFM-4RL-D10.0R2.0 | | 10 | 2 | 10 | 25 | 100 | 15 | 4 | ● |
| PFM-4RL-D12.0R0.5 | | 12 | 0.5 | 12 | 30 | 100 | 18 | 4 | ● |
| PFM-4RL-D12.0R1.0 | | 12 | 1 | 12 | 30 | 100 | 18 | 4 | ● |
| PFM-4RL-D12.0R2.0 | | 12 | 2 | 12 | 30 | 100 | 18 | 4 | ● |
| PFM-4RL-D16.0R1.0 | | 16 | 1 | 16 | 45 | 150 | 24 | 4 | ● |
| PFM-4RL-D16.0R2.0 | | 16 | 2 | 16 | 45 | 150 | 24 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa raggiate per applicazioni generali

- codolo cilindrico / DIN 6535HB
- tagliente extracorto con doppio scarico ribassato
- elica a doppio scarico passo variabile 38° / 41°



| codice | * | Dimensioni [mm] | | | | | | | Z | Grado |
|--------------------|---|-----------------|-----|--------|----------------|----|----|-----|---|---------|
| | | D | R | d (h6) | d ₁ | H | M | L | | PCG 405 |
| PFM-4RFP-D6.0R0.5 | | 6 | 0.5 | 6 | 5.8 | 6 | 18 | 75 | 4 | ● |
| PFM-4RFP-D6.0R1.0 | | 6 | 1 | 6 | 5.8 | 6 | 18 | 75 | 4 | ● |
| PFM-4RFP-D8.0R0.5 | | 8 | 0.5 | 8 | 7.7 | 8 | 24 | 100 | 4 | ● |
| PFM-4RFP-D8.0R1.0 | | 8 | 1 | 8 | 7.7 | 8 | 24 | 100 | 4 | ● |
| PFM-4RFP-D10.0R0.5 | | 10 | 0.5 | 10 | 9.6 | 10 | 30 | 100 | 4 | ● |
| PFM-4RFP-D10.0R1.0 | | 10 | 1 | 10 | 9.6 | 10 | 30 | 100 | 4 | ● |
| PFM-4RFP-D10.0R2.0 | | 10 | 2 | 10 | 9.6 | 10 | 30 | 100 | 4 | ● |
| PFM-4RFP-D12.0R0.5 | | 12 | 0.5 | 12 | 11.5 | 12 | 36 | 100 | 4 | ● |
| PFM-4RFP-D12.0R1.0 | | 12 | 1 | 12 | 11.5 | 12 | 36 | 100 | 4 | ● |
| PFM-4RFP-D12.0R2.0 | | 12 | 2 | 12 | 11.5 | 12 | 36 | 100 | 4 | ● |
| PFM-4RFP-D16.0R1.0 | | 16 | 1 | 16 | 15.5 | 16 | 40 | 150 | 4 | ● |
| PFM-4RFP-D16.0R2.0 | | 16 | 2 | 16 | 15.5 | 16 | 40 | 150 | 4 | ● |

FRESE METALLO DURO INTEGRALE PER INOX

Frese rivestite con tagliente per leghe resistenti al calore.

Adatte sia per sgrossatura che per finitura di acciaio inossidabile.

Elica passo variabile 38° / 41° gradi

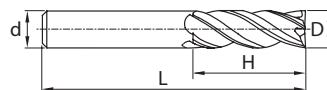


FRESE METALLO DURO INTEGRALE



Fresa per INOX

- codolo cilindrico / DIN 6535HB
- elica passo variabile 38° / 41°



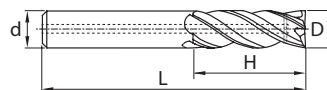
| codice | * | Dimensioni [mm] | | | | Z | Grado |
|--------------|---|-----------------|--------|----|-----|---|---------|
| | | D | d (h6) | H | L | | PCG 405 |
| PFX-4E-D4.0 | | 4 | 6 | 11 | 50 | 4 | ● |
| PFX-4E-D5.0 | | 5 | 6 | 13 | 50 | 4 | ● |
| PFX-4E-D6.0 | | 6 | 6 | 16 | 50 | 4 | ● |
| PFX-4E-D8.0 | | 8 | 8 | 20 | 60 | 4 | ● |
| PFX-4E-D10.0 | | 10 | 10 | 25 | 75 | 4 | ● |
| PFX-4E-D12.0 | | 12 | 12 | 30 | 75 | 4 | ● |
| PFX-4E-D16.0 | | 16 | 16 | 45 | 100 | 4 | ● |
| PFX-4E-D20.0 | | 20 | 20 | 45 | 100 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa per INOX

- codolo cilindrico / DIN 6535HB
- elica passo variabile 38° / 41°
- con fori di refrigerazione



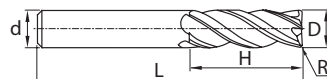
| codice | * | Dimensioni [mm] | | | | Z | Grado |
|----------------|---|-----------------|--------|----|-----|---|---------|
| | | D | d (h6) | H | L | | PCG 405 |
| PFX-4E-C-D8.0 | * | 8 | 8 | 20 | 60 | 4 | ○ |
| PFX-4E-C-D10.0 | * | 10 | 10 | 25 | 75 | 4 | ● |
| PFX-4E-C-D12.0 | * | 12 | 12 | 30 | 75 | 4 | ● |
| PFX-4E-C-D16.0 | * | 16 | 16 | 45 | 100 | 4 | ● |
| PFX-4E-C-D20.0 | * | 20 | 20 | 45 | 100 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa raggiata per INOX

- codolo cilindrico / DIN 6535HB
- elica passo variabile 38° / 41°



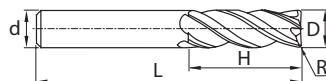
| codice | * | Dimensioni [mm] | | | | | Z | Grado |
|------------------|---|-----------------|-----|--------|----|-----|---|---------|
| | | D | R | d (h6) | H | L | | PCG 405 |
| PFX-4R-D4.0R0.2 | | 4 | 0.2 | 6 | 11 | 50 | 4 | ● |
| PFX-4R-D4.0R0.5 | | 4 | 0.5 | 6 | 11 | 50 | 4 | ● |
| PFX-4R-D5.0R0.2 | | 5 | 0.2 | 6 | 13 | 50 | 4 | ● |
| PFX-4R-D5.0R0.5 | | 5 | 0.5 | 6 | 13 | 50 | 4 | ● |
| PFX-4R-D6.0R0.2 | | 6 | 0.2 | 6 | 16 | 50 | 4 | ● |
| PFX-4R-D6.0R0.5 | | 6 | 0.5 | 6 | 16 | 50 | 4 | ● |
| PFX-4R-D6.0R1.0 | | 6 | 1 | 6 | 16 | 50 | 4 | ● |
| PFX-4R-D6.0R1.5 | | 6 | 1.5 | 6 | 16 | 50 | 4 | ● |
| PFX-4R-D8.0R0.5 | | 8 | 0.5 | 8 | 20 | 63 | 4 | ● |
| PFX-4R-D8.0R0.8 | | 8 | 0.8 | 8 | 20 | 63 | 4 | ● |
| PFX-4R-D8.0R1.0 | | 8 | 1 | 8 | 20 | 63 | 4 | ● |
| PFX-4R-D8.0R1.5 | | 8 | 1.5 | 8 | 20 | 63 | 4 | ● |
| PFX-4R-D8.0R2.0 | | 8 | 2 | 8 | 20 | 63 | 4 | ● |
| PFX-4R-D10.0R0.5 | | 10 | 0.5 | 10 | 25 | 75 | 4 | ● |
| PFX-4R-D10.0R0.8 | | 10 | 0.8 | 10 | 25 | 75 | 4 | ● |
| PFX-4R-D10.0R1.0 | | 10 | 1 | 10 | 25 | 75 | 4 | ● |
| PFX-4R-D10.0R1.5 | | 10 | 1.5 | 10 | 25 | 75 | 4 | ● |
| PFX-4R-D10.0R2.0 | | 10 | 2 | 10 | 25 | 75 | 4 | ● |
| PFX-4R-D12.0R0.5 | | 12 | 0.5 | 12 | 30 | 75 | 4 | ● |
| PFX-4R-D12.0R0.8 | | 12 | 0.8 | 12 | 30 | 75 | 4 | ● |
| PFX-4R-D12.0R1.0 | | 12 | 1 | 12 | 30 | 75 | 4 | ● |
| PFX-4R-D12.0R1.5 | | 12 | 1.5 | 12 | 30 | 75 | 4 | ● |
| PFX-4R-D12.0R2.0 | | 12 | 2 | 12 | 30 | 75 | 4 | ● |
| PFX-4R-D12.0R2.5 | | 12 | 2.5 | 12 | 30 | 75 | 4 | ● |
| PFX-4R-D12.0R3.0 | | 12 | 3 | 12 | 30 | 75 | 4 | ● |
| PFX-4R-D12.0R4.0 | | 12 | 4 | 12 | 30 | 75 | 4 | ● |
| PFX-4R-D16.0R0.5 | | 16 | 0.5 | 16 | 45 | 100 | 4 | ● |
| PFX-4R-D16.0R0.8 | | 16 | 0.8 | 16 | 45 | 100 | 4 | ● |
| PFX-4R-D16.0R1.0 | | 16 | 1 | 16 | 45 | 100 | 4 | ● |
| PFX-4R-D16.0R1.5 | | 16 | 1.5 | 16 | 45 | 100 | 4 | ● |
| PFX-4R-D16.0R2.0 | | 16 | 2 | 16 | 45 | 100 | 4 | ● |
| PFX-4R-D16.0R2.5 | | 16 | 2.5 | 16 | 45 | 100 | 4 | ● |
| PFX-4R-D16.0R3.0 | | 16 | 3 | 16 | 45 | 100 | 4 | ● |
| PFX-4R-D16.0R4.0 | | 16 | 4 | 16 | 45 | 100 | 4 | ● |
| PFX-4R-D20.0R0.5 | | 20 | 0.5 | 20 | 45 | 100 | 4 | ● |
| PFX-4R-D20.0R1.0 | | 20 | 1 | 20 | 45 | 100 | 4 | ● |
| PFX-4R-D20.0R1.5 | | 20 | 1.5 | 20 | 45 | 100 | 4 | ● |


FRESE METALLO DURO INTEGRALE



Fresa raggiata per INOX

- codolo cilindrico / DIN 6535HB
- elica passo variabile 38° / 41°



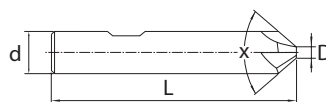
| codice |  | Dimensioni [mm] | | | | | Z | Grado |
|------------------|---|-----------------|-----|--------|----|-----|---|---------|
| | | D | R | d (h6) | H | L | | PCG 405 |
| PFX-4R-D20.0R2.0 | | 20 | 2 | 20 | 45 | 100 | 4 | ● |
| PFX-4R-D20.0R2.5 | | 20 | 2.5 | 20 | 45 | 100 | 4 | ● |
| PFX-4R-D20.0R3.0 | | 20 | 3 | 20 | 45 | 100 | 4 | ● |
| PFX-4R-D20.0R4.0 | | 20 | 4 | 20 | 45 | 100 | 4 | ● |

FRESE METALLO DURO INTEGRALE



Fresa per smussi a 60°

- codolo cilindrico - attacco weldon / DIN 6535HA - DIN 6535HB



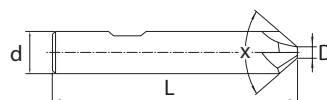
| codice | * | Dimensioni [mm] | | | | | Z | Grado |
|------------------|---|-----------------|----|-----|-------|----|---|---------|
| | | d (h6) | L | D | Gambo | X | | PCG 405 |
| PF501R603FM-0300 | | 3 | 48 | 0,2 | HA | 60 | 3 | ● |
| PF501R604FM-0400 | | 4 | 48 | 0,2 | HA | 60 | 4 | ● |
| PF601R604FM-0600 | | 6 | 55 | 0,2 | HB | 60 | 4 | ● |
| PF601R604FM-0800 | | 8 | 58 | 0,5 | HB | 60 | 4 | ● |
| PF601R604FM-1000 | | 10 | 65 | 0,5 | HB | 60 | 4 | ● |
| PF601R606FM-1000 | | 10 | 65 | 0,7 | HB | 60 | 6 | ● |
| PF601R604FM-1200 | | 12 | 75 | 0,5 | HB | 60 | 4 | ● |
| PF601R606FM-1200 | | 12 | 75 | 0,7 | HB | 60 | 6 | ● |
| PF601R604FM-1600 | | 16 | 85 | 0,7 | HB | 60 | 4 | ● |
| PF601R606FM-1600 | | 16 | 85 | 0,7 | HB | 60 | 6 | ● |

FRESE METALLO DURO INTEGRALE



Fresa per smussi a 90°

- codolo cilindrico - attacco weldon / DIN 6535HA - DIN 6535HB



| codice | * | Dimensioni [mm] | | | | | Z | Grado |
|------------------|---|-----------------|----|-----|-------|----|---|---------|
| | | d (h6) | L | D | Gambo | X | | PCG 405 |
| PF501R903FM-0300 | | 3 | 48 | 0,2 | HA | 90 | 3 | ● |
| PF501R904FM-0400 | | 4 | 48 | 0,2 | HA | 90 | 4 | ● |
| PF601R904FM-0600 | | 6 | 55 | 0,2 | HB | 90 | 4 | ● |
| PF601R904FM-0800 | | 8 | 58 | 0,5 | HB | 90 | 4 | ● |
| PF601R904FM-1000 | | 10 | 65 | 0,5 | HB | 90 | 4 | ● |
| PF601R906FM-1000 | | 10 | 65 | 0,7 | HB | 90 | 6 | ● |
| PF601R904FM-1200 | | 12 | 75 | 0,5 | HB | 90 | 4 | ● |
| PF601R906FM-1200 | | 12 | 75 | 0,7 | HB | 90 | 6 | ● |
| PF601R904FM-1600 | | 16 | 85 | 0,7 | HB | 90 | 4 | ● |
| PF601R906FM-1600 | | 16 | 85 | 0,7 | HB | 90 | 6 | ● |

FRESE METALLO DURO INTEGRALE



Fresa per profili raggio concavo

- attacco weldon / DIN 6535HB



| codice | * | Dimensioni [mm] | | | | Z | Grado |
|-----------------------|---|-----------------|----|------|------|---|---------|
| | | d (h6) | L | D | R | | PCG 405 |
| PF601R904FM-R02-0600 | | 6 | 60 | 5,6 | 0,2 | 4 | ● |
| PF601R904FM-R03-0600 | | 6 | 60 | 5,4 | 0,3 | 4 | ● |
| PF601R904FM-R04-0600 | | 6 | 60 | 5,2 | 0,4 | 4 | ● |
| PF601R904FM-R05-0800 | | 8 | 70 | 7,0 | 0,5 | 4 | ● |
| PF601R904FM-R06-0800 | | 8 | 70 | 6,8 | 0,6 | 4 | ● |
| PF601R904FM-R075-0800 | | 8 | 70 | 6,5 | 0,75 | 4 | ● |
| PF601R904FM-R08-0800 | | 8 | 70 | 6,4 | 0,8 | 4 | ● |
| PF601R904FM-R10-0800 | | 8 | 70 | 6,0 | 1,0 | 4 | ● |
| PF601R904FM-R15-1000 | | 10 | 75 | 7,0 | 1,5 | 4 | ● |
| PF601R904FM-R20-1000 | | 10 | 75 | 6,0 | 2,0 | 4 | ● |
| PF601R904FM-R25-1200 | | 12 | 75 | 7,0 | 2,5 | 4 | ● |
| PF601R904FM-R30-1200 | | 12 | 75 | 6,0 | 3,0 | 4 | ● |
| PF601R904FM-R40-1600 | | 16 | 80 | 8,0 | 4,0 | 4 | ● |
| PF601R904FM-R50-2000 | | 20 | 80 | 10,0 | 5,0 | 4 | ● |