



MASCHI & FILIERE

TAPS & ROUND DIES

GEWINDEBOHRER & SCHNEIDEISEN



**Maschi a macchina imbocco corretto
scanalature diritte per fori passanti**

*Machine taps straight fluted for trough hole
Maschinengewindebohrer mit Schälanschnitt gerade
genutet für Durchgangsbohrungen*



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Maschi a macchina elicoidali a 15° per fori ciechi

*Machine taps 15° helix for blind holes
Maschinengewindebohrer Drallwinkel 15° für
Sackbohrungen*



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**Maschi a macchina elicoidali a 40° forte torsione
rastremati per fori ciechi**

*Machine taps 40° helix tapered for blind holes
Maschinengewindebohrer Drallwinkel 40° starker Drall
konisch für Sackbohrungen*



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**Maschi a macchina per leghe leggere elicoidali a
40° per fori ciechi**

*Machine taps for light metals 40° helix for blind holes
Maschinengewindebohrer für leichte Legierungen
Drallwinkel 40° für Sackbohrungen*



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Maschi a macchina a rullare

Machine rolling taps
Maschinengewindeformer



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Maschi a macchina per ghisa

Machine taps for cast iron
Maschinengewindebohrer für Gusseisen



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Maschi a macchina per lavorazioni speciali

Machine taps for special machining
Maschinengewindebohrer für Sonderbearbeitungen



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per filetti riportati
for wire thread
Drahtgewindeeinsatz

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per materiali duri
for hard materials
für harte Materialien
R=1300÷1800 N/mm²

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per bronzo d'alluminio
for aluminium bronze
für Aluminiumbronze

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per leghe di titanio
for titanium alloys
für Titanlegierungen

Maschi a mano in serie di 2 o 3 pezzi

Hand taps in set of 2 or 3 pcs
Handgewindebohrer in 2er oder 3er Sets



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Filiera tonda

Round dies
runde Schneideisen



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| <p>TIPO DI FILETTO TYPE OF THREAD GEWINDEART</p> | <p>Maschi a macchina imbocco corretto scanalature diritte per fori passanti <i>Machine taps straight fluted for trough holes</i> <i>Maschinengewindebohrer mit Schälanschnitt gerade genutet für Durchgangsbohrungen</i></p> | <p>Maschi a macchina elicoidali a 15° per fori ciechi <i>15° helix for blind holes</i> <i>Maschinengewindebohrer Drallwinkel 15° für Sackbohrungen</i></p> | <p>Maschi a macchina elicoidali a 40° forte torsione rastremati per fori ciechi <i>Machine taps 40° helix tapered for blind holes</i> <i>Maschinengewindebohrer Drallwinkel 40° starker Drall, konisch für Sackbohrungen</i></p> | <p>Maschi a macchina elicoidali a 40° per leghe leggere per fori ciechi <i>Machine taps 40° helix for light metals for blind holes</i> <i>Maschinengewindebohrer Drallwinkel 40° für leichte Legierungen für Sackbohrungen</i></p> |
|--|---|---|---|---|
| <p>Metrico ISO Passo grosso <i>Metric ISO</i> <i>Coarse pitch</i> <i>metrisches ISO-Regelgewinde</i> <i>grobe Steigung</i></p> | <p>T100 T101H T101HW T101S T101SW T104X T105 T108 T110</p> | <p>T200 T201H T201HW T208 T210</p> | <p>T300R T300R+ T301H T301HW T301S T301SW T304XR T305R T308R T310R</p> | <p>T400 T401 T403</p> |
| <p>Metrico ISO Passo fine <i>Metric ISO Fine pitch</i> <i>Metrisches ISO-Regelgewinde</i> <i>feine Steigung</i></p> | <p>T120 T121H</p> | <p>T220 T221H T221HW</p> | <p>T320R T321H</p> | |
| <p>GAS cilindrica <i>British Standard Pipe</i> <i>zylindrisches Gasflaschenventilgewinde</i></p> | <p>T130 T131H</p> | <p>T230</p> | <p>T330R T331H</p> | |
| <p>UNC Passo grosso <i>UNC american fine thread</i> <i>UNC amerikanisches Grobgewinde</i></p> | <p>T140</p> | <p>T240</p> | <p>T340R</p> | |
| <p>UN Passo costante <i>UN constant thread</i> <i>UN Einheitsgewinde mit konstanter Steigung</i></p> | <p>T145</p> | | <p>T345R</p> | |
| <p>UNF Passo fine <i>UNF american fine thread</i> <i>UNF amerikanisches Einheits-Feingewinde</i></p> | <p>T150</p> | <p>T250</p> | <p>T350R</p> | |
| <p>GAS conica <i>British Standard Taper Pipe Thread</i> <i>konisches Rohrgewinde</i></p> | <p>T160</p> | | | |
| <p>Conica NPT <i>American Standard Taper Pipe Thread</i> <i>NPT amerikanisches Standard-Rohrgewinde, kegelig</i></p> | <p>T170 T175</p> | <p>T270</p> | | |
| <p>Whitworth <i>British Standard Whitworth</i> <i>British Standard WhitworthGewinde</i></p> | | <p>T280</p> | | |



| <p>Maschi a macchina a rullare <i>Machine rolling taps Maschinengewindeformer</i></p> | <p>Maschi a macchina per ghisa <i>Machine taps for cast iron Maschinengewindebohrer für Gusseisen</i></p> | <p>Maschi a macchina per lavorazioni speciali <i>Machine taps for special working Maschinengewindebohrer für Sonderbearbeitungen</i></p> | <p>Maschi a mano in serie di 2 o 3 pezzi <i>Hand taps in set of 2 or 3 pieces Handgewindebohrer in 2er oder 3er Sets</i></p> | <p>Filiere tonde ad imbocco corretto <i>Round dies runde Schneideisen mit Schälanschnitt</i></p> |
|--|--|--|---|---|
| <p>T501H T501HW</p> | <p>T600 T601H T601HW T601S T601SW T605 T609</p> | <p>T700 <i>Per filetti riportati For wire thread inserts Für Drahtgewindeinsatz</i></p> <p>T801H <i>Per materiali con For materials with Für Materialien mit R=1300÷1800 N/mm²</i></p> <p>T8201 <i>Per bronzo d'alluminio For aluminium bronze für Aluminimbronze</i></p> <p>T9201H <i>Per titanio e leghe Ti For titanium and Ti alloys für Titan und Titanlegierungen</i></p> | <p>T010 T011</p> | <p>TF10</p> |
| <p>T521H</p> | <p>T620</p> | | <p>T020</p> | <p>TF20</p> |
| <p>T531H</p> | <p>T630 T639</p> | | <p>T030</p> | <p>TF30</p> |
| | <p>T640</p> | <p>T8241 <i>Per bronzo d'alluminio For aluminium bronze für Aluminimbronze</i></p> <p>T9241H <i>Per titanio e leghe Ti For titanium and Ti alloys für Titan und Titanlegierungen</i></p> | <p>T040</p> | <p>TF40</p> |
| | | <p>T8246 <i>Per bronzo d'alluminio For aluminium bronze für Aluminimbronze</i></p> <p>T9245H <i>Per titanio e leghe Ti For titanium and Ti alloys für Titan und Titanlegierungen</i></p> | | |
| | <p>T650</p> | | <p>T050</p> | <p>TF50</p> |
| | | | | <p>TF60</p> |
| | | | | <p>TF70</p> |
| | | | <p>T080</p> | <p>TF80</p> |

High performance

La nuova linea di maschi ad alte prestazioni comprende:

*The new line of taps high performance is composed:
 Das neue Hochleistungs-Gewindebohrer-Sortiment umfasst:*



| | | | |
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| T101HW | > pag. 776 | T501H | > pag. 828 |
| T121H | > pag. 785 | T501HW | > pag. 829 |
| T131H | > pag. 787 | T521H | > pag. 830 |
| T201H | > pag. 795 | T531H | > pag. 831 |
| T201HW | > pag. 796 | T601H | > pag. 833 |
| T221H | > pag. 801 | T601HW | > pag. 834 |
| T221HW | > pag. 802 | T801H | > pag. 845 |
| T301H | > pag. 810 | T9201H | > pag. 849 |
| T301HW | > pag. 811 | T9241H | > pag. 850 |
| T321H | > pag. 819 | T9245H | > pag. 851 |

VANTAGGI ADVANTAGES: VORTEILE:

- **Alto rendimento del maschio**
- **Filettature precise e sempre in tolleranza**
 - High performance of tap
 - Precise threading and always in tolerance
- **höchste Leistung**
- **präzise Gewinde - immer innerhalb der Toleranzen**

NOTE:

- Impiego ideale su materiali alto legati

- Su materiali a basso contenuto di carbonio usare con **ATTENZIONE** (maschiatori rigidi sincronizzati - vedi pag. 1019)

NOTES:

- To use on high alloy steel
- To pay **ATTENTION** when you use on low carbon steel (rigid synchronized chucks - see on page 1019)

ANMERKUNGEN:

- ideal für hochlegierte Werkstoffe
- **VORSICHT** bei der Verwendung von Werkstoffen mit niedrigem Kohlenstoffgehalt (Synchron-Gewindebohrer-Schnellwechselfutter - s. S. 1019)

VT5

- Questa nuova linea di maschi è caratterizzata dall'utilizzo di un acciaio di nuova generazione ottenuto con la metodologia delle polveri con durezza e resistenza all'usura molto elevate.
- This new line of taps is characterized by a new generation of steel obtained by the powder metallurgy with hardness and excellent wear resistance.
- Ausgezeichnet wird diese neue Gewindebohrer-Linie durch innovatives Material: Stahl, der mittels Pulvermetallurgie hergestellt wurde und extrem hart und verschleißbeständig ist.

Sincro

La nuova linea di maschi
ad alte prestazioni comprende:

*The new line of taps high performance is composed:
Das neue Hochleistungs-Gewindebohrer-Sortiment umfasst:*

| | |
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| T101S | > pag. 777 |
| T101SW | > pag. 778 |
| T301S | > pag. 812 |
| T301SW | > pag. 813 |
| T601S | > pag. 835 |
| T601SW | > pag. 836 |

VANTAGGI ADVANTAGES: VORTEILE:

- **Riduzione dei tempi di lavoro grazie a velocità di taglio elevate**
- **Alto rendimento del maschio**
- **Filettature precise e sempre in tolleranza**
- *kürzere Bearbeitungszeit dank hoher Schnittgeschwindigkeit*
- *hohe Leistung und Produktivität*
- *präzise Gewinde - immer innerhalb der Toleranzen*
- *kürzere Bearbeitungszeit dank hoher Schnittgeschwindigkeit*
- *hohe Leistung und Produktivität*
- *präzise Gewinde - immer innerhalb der Toleranzen*

NOTE:

- Da usare solo con mandrini rigidi o con maschiatori rigidi sincronizzati (vedi pag. 1019)

NOTES:

- To use only with rigid chucks or rigid synchronized chucks (see on page 1019)

ANMERKUNGEN:

- nur mit Werkzeughalter für Gewindeschneider oder mit Synchron-Gewindebohrer-Schnellwechselfutter verwenden (s. S. 1019)

KP60 - KP61

- Tutti i maschi della linea "high performance" utilizzano rivestimenti di nuova generazione in grado di garantire elevata resistenza all'usura e all'ossidazione; lo scorrimento del truciolo è migliorato grazie alle nuove tecnologie di trattamento "after-coating".
- All taps of the line "high performance" use new generation coating able to warrant high wear resistance and oxidation; the chip removal is improved thanks to new "after coating" technologies.
- Alle Gewindebohrer der "High performance"-Linie wurden mit einer innovativen Beschichtung versehen, die hohe Verschleiß- und Oxidationsbeständigkeit gewährleistet; verbesserte Spanabfuhr dank der neuen "after coating"-Technologie.

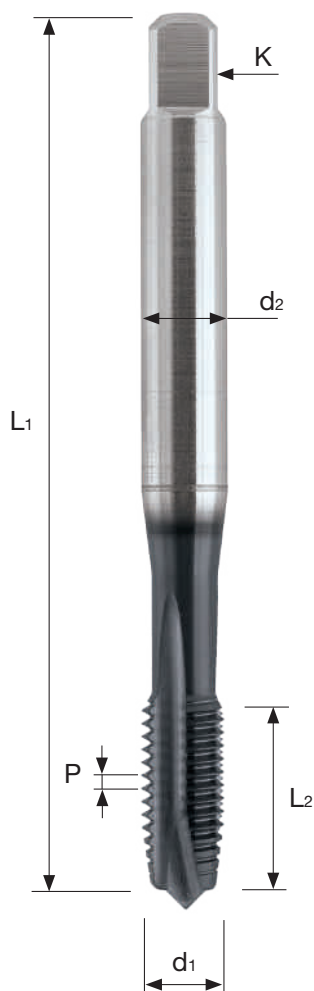
T100

Filettatura Metrica ISO - Passo grosso - DIN 13

Metric ISO thread - Coarse pitch - DIN 13

Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- | | | |
|--|---|---|
| - Tolleranza: ISO2 6H | - Tolerance: ISO2 6H | - Toleranz: ISO2 6H |
| - Scanalature diritte con imbocco corretto per fori passanti | - Straight fluted with spiral point for through holes | - gerade genutet mit Schälanschnitt für Durchgangsbohrungen |
| - 4/5 filetti | - 4/5 spiral points lead-in | - 4/5 Gang Anschnitt |
| - DIN 371 fino al Ø 10 | - DIN 371 up to Ø 10 | - DIN 371 bis Ø 10 |
| - DIN 376 dal Ø 11 | - DIN 376 from Ø 11 | - DIN 376 ab Ø 11 |



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | D ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T100 M2 | M2 | 0,4 | 1,6 | 50 | 9 | 2,8 | 2,1 | ● | ● | ● |
| T100 M2,2 | M2,2 | 0,45 | 1,75 | 50 | 9 | 2,8 | 2,1 | ● | ● | ● |
| T100 M2,3 | M2,3 | 0,4 | 1,9 | 50 | 9 | 2,8 | 2,1 | ● | ● | ● |
| T100 M2,5 | M2,5 | 0,45 | 2,05 | 50 | 10 | 2,8 | 2,1 | ● | ● | ● |
| T100 M2,6 | M2,6 | 0,45 | 2,1 | 50 | 10 | 2,8 | 2,1 | ● | ● | ● |
| T100 M3 | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | ● | ● | ● |
| T100 M3,5 | M3,5 | 0,6 | 2,9 | 56 | 11 | 4,0 | 3,0 | ● | ● | ● |
| T100 M4 | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | ● | ● | ● |
| T100 M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | ● | ● | ● |
| T100 M6 | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | ● | ● | ● |
| T100 M7 | M7 | 1 | 6,0 | 80 | 16 | 7,0 | 5,5 | ● | ● | ● |
| T100 M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | ● | ● | ● |
| T100 M9 | M9 | 1,25 | 7,8 | 90 | 18 | 9,0 | 7,0 | ● | ● | ● |
| T100 M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | ● | ● | ● |
| T100 M11 | M11 | 1,5 | 9,5 | 100 | 22 | 8,0 | 6,2 | ● | ● | ● |
| T100 M12 | M12 | 1,75 | 10,2 | 110 | 22 | 9,0 | 7,0 | ● | ● | ● |
| T100 M14 | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | ● | ● | ● |
| T100 M16 | M16 | 2 | 14,0 | 110 | 28 | 12,0 | 9,0 | ● | ● | ● |
| T100 M18 | M18 | 2,5 | 15,5 | 125 | 32 | 14,0 | 11,0 | ● | ● | ● |
| T100 M20 | M20 | 2,5 | 17,5 | 140 | 32 | 16,0 | 12,0 | ● | ● | ● |
| T100 M22 | M22 | 2,5 | 19,5 | 140 | 32 | 18,0 | 14,5 | ● | ● | ● |
| T100 M24 | M24 | 3 | 21,0 | 160 | 36 | 18,0 | 14,5 | ● | ● | ● |
| T100 M27 | M27 | 3 | 24,0 | 160 | 36 | 20,0 | 16,0 | ● | ● | ● |
| T100 M30 | M30 | 3,5 | 26,5 | 180 | 40 | 22,0 | 18,0 | ● | ● | ● |
| T100 M33 | M33 | 3,5 | 29,5 | 180 | 40 | 25,0 | 20,0 | ● | - | ● |
| T100 M36 | M36 | 4 | 32,0 | 200 | 55 | 28,0 | 22,0 | ● | - | ● |
| T100 M39 | M39 | 4 | 35,0 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T100 M42 | M42 | 4,5 | 37,5 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T100 M45 | M45 | 4,5 | 40,5 | 220 | 65 | 36,0 | 29,0 | ● | - | ● |
| T100 M48 | M48 | 5 | 43,0 | 250 | 70 | 36,0 | 29,0 | ● | - | ● |
| T100 M52 | M52 | 5 | 47,0 | 250 | 70 | 40,0 | 32,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T100 M52 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T101H

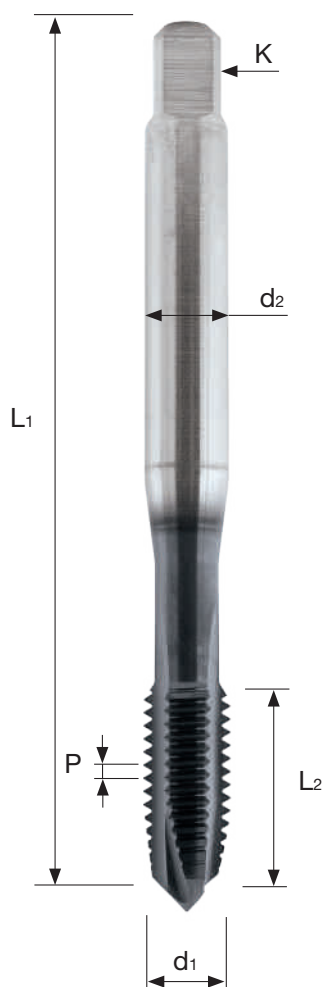
Filettatura metrica ISO - Passo grosso - DIN 13

Metric ISO thread - Coarse pitch - DIN 13

Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- | | | |
|--|---|---|
| - Tolleranza: 6HX | - Tolerance: 6HX | - Toleranz 6HX |
| - Scanalature diritte con imbocco corretto per fori passanti | - Straight fluted with spiral point for through holes | - gerade genutet mit Schälanschnitt für Durchgangsbohrungen |
| - Imbocco 4/5 filetti | - 4/5 spiral points lead-in | - 4/5 Gang Anschnitt |
| - DIN 371 fino al Ø 10 | - DIN 371 up to Ø 10 | - DIN 371 bis Ø 10 |
| - DIN 376 dal Ø 12 | - DIN 376 from Ø 12 | - DIN 376 ab Ø 12 |

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T101H M2 | M2 | 0,4 | 1,6 | 50 | 9 | 2,8 | 2,1 | - | ● |
| T101H M2,5 | M2,5 | 0,45 | 2,05 | 50 | 10 | 2,8 | 2,1 | - | ● |
| T101H M3 | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | - | ● |
| T101H M4 | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | - | ● |
| T101H M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | - | ● |
| T101H M6 | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | - | ● |
| T101H M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | - | ● |
| T101H M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | - | ● |
| T101H M12 | M12 | 1,75 | 10,2 | 110 | 22 | 9,0 | 7,0 | - | ● |
| T101H M14 | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | - | ● |
| T101H M16 | M16 | 2 | 14,0 | 110 | 28 | 12,0 | 9,0 | - | ● |
| T101H M18 | M18 | 2,5 | 15,5 | 125 | 32 | 14,0 | 11,0 | - | ● |
| T101H M20 | M20 | 2,5 | 17,5 | 140 | 32 | 16,0 | 12,0 | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T101H M20 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T101HW

Filettatura Metrica ISO - Passo grosso - DIN 13

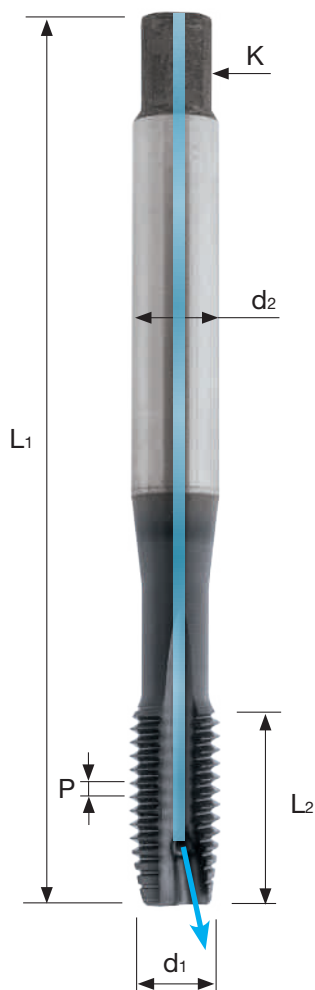
Metric ISO thread - Coarse pitch - DIN 13

Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- | | | |
|--|---|---|
| - Tolleranza: 6HX | - Tolerance: 6HX | - Toleranz 6HX |
| - Scanalature diritte con imbocco corretto per fori passanti | - Straight fluted with spiral point for through holes | - gerade genutet mit Schälanschnitt für Durchgangsbohrungen |
| - Imbocco 4/5 filetti | - 4/5 spiral points lead-in | - 4/5 Gang Anschnitt |
| - DIN 371 fino al Ø 10 | - DIN 371 up to Ø 10 | - DIN 371 bis Ø 10 |
| - DIN 376 dal Ø 12 | - DIN 376 from Ø 12 | - DIN 376 ab Ø 12 |

High performance

| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-----|-------|
| | D ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T101HW M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | - | ● |
| T101HW M6 | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | - | ● |
| T101HW M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | - | ● |
| T101HW M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | - | ● |
| T101HW M12 | M12 | 1,75 | 10,2 | 110 | 24 | 9,0 | 7,0 | - | ● |
| T101HW M14 | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | - | ● |
| T101HW M16 | M16 | 2 | 14,0 | 110 | 28 | 12,0 | 9,0 | - | ● |



CON FORI DI REFRIGERAZIONE

**WITH INNER COOLANT
 MIT KÜHLMITTELKANÄLEN**

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T101HW M16 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T101S

- Filettatura metrica ISO - Passo grosso - **Per maschiatura sincronizzata - DIN 13**

- Metric ISO thread Coarse pitch - **For synchronized threading - DIN 13**

- Metrisches ISO-Regelgewinde - grobe Steigung - **für Synchrongewindebohren - DIN 13**

- Tolleranza: 6HX
- Scanalature diritte con imbocco corretto per fori passanti
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 12
- DIN 376 dal Ø 14

- Tolerance: 6HX
- Straight fluted with spiral point for through holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø 12
- DIN 376 from Ø 14

- Toleranz 6HX
- gerade genutet mit Schälanschnitt für Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 371 bis Ø 12
- DIN 376 ab Ø 14

Sincro



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|------|-----|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d | K | | |
| T101S M3 | M3 | 0,5 | 2,5 | 70 | 5 | 6,0 | 4,9 | - | ● |
| T101S M4 | M4 | 0,7 | 3,3 | 70 | 7 | 6,0 | 4,9 | - | ● |
| T101S M5 | M5 | 0,8 | 4,2 | 70 | 8 | 6,0 | 4,9 | - | ● |
| T101S M6 | M6 | 1 | 5,0 | 80 | 10 | 6,0 | 4,9 | - | ● |
| T101S M8 | M8 | 1,25 | 6,8 | 90 | 12,5 | 8,0 | 6,2 | - | ● |
| T101S M10 | M10 | 1,5 | 8,5 | 100 | 15 | 10,0 | 8,0 | - | ● |
| T101S M12 | M12 | 1,75 | 10,2 | 110 | 17,5 | 12,0 | 9,0 | - | ● |
| T101S M14 | M14 | 2 | 12 | 110 | 20 | 12,0 | 9,0 | - | ● |
| T101S M16 | M16 | 2 | 14 | 110 | 20 | 12,0 | 9,0 | - | ● |

Gambo in tolleranza h6 per calettamento a caldo

A richiesta è possibile realizzare la versione DIN 1835B

Shank tolerance h6 for heat shrinking

On request DIN 1835B shank version

Schafttoleranz h6 für Wärmeschrumpfung

Auf Wunsch liefern wir DIN 1835B



ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T101S M16 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T101SW

- Filettatura metrica ISO - Passo grosso - **Per maschiatura sincronizzata - DIN 13**

- Metric ISO thread Coarse pitch - **For synchronized threading - DIN 13**

- Metrisches ISO-Regelgewinde - grobe Steigung - **für Synchrongewindebohren - DIN 13**

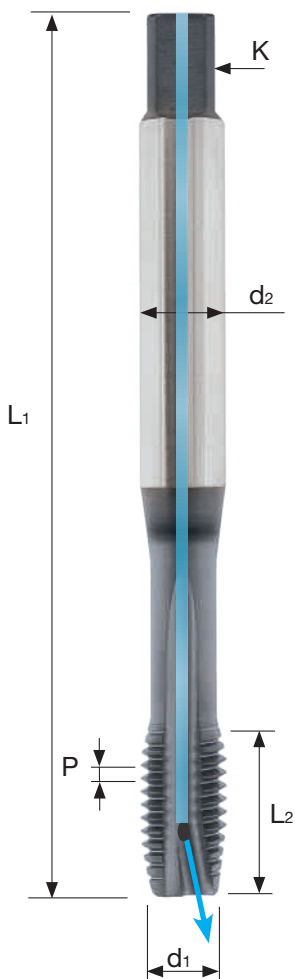
- Tolleranza: 6HX
- Scanalature diritte con imbocco corretto per fori passanti
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 12
- DIN 376 dal Ø 14

- Tolerance: 6HX
- Straight fluted with spiral point for through holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø 12
- DIN 376 from Ø 14

- Toleranz 6HX
- gerade genutet mit Schälanschnitt für Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 371 bis Ø 12
- DIN 376 ab Ø 14

Sincro

| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|------|-----|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d | K | | |
| T101SW M5 | M5 | 0,8 | 4,2 | 70 | 8 | 6,0 | 4,9 | - | ● |
| T101SW M6 | M6 | 1 | 5,0 | 80 | 10 | 6,0 | 4,9 | - | ● |
| T101SW M8 | M8 | 1,25 | 6,8 | 90 | 12,5 | 8,0 | 6,2 | - | ● |
| T101SW M10 | M10 | 1,5 | 8,5 | 100 | 15 | 10,0 | 8,0 | - | ● |
| T101SW M12 | M12 | 1,75 | 10,2 | 110 | 17,5 | 12,0 | 9,0 | - | ● |
| T101SW M16 | M16 | 2 | 14 | 110 | 20 | 12,0 | 9,0 | - | ● |



i

Gambo in tolleranza h6 per calettamento a caldo
A richiesta è possibile realizzare la versione DIN 1835B

Shank tolerance h6 for heat shrinking

On request DIN 1835B shank version

Schafttoleranz h6 für Wärmeschrumpfung

Auf Wunsch liefern wir DIN 1835B



CON FORI DI REFRIGERAZIONE

**WITH INNER COOLANT
 MIT KÜHLMITTELKANÄLEN**

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T101SW M16 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T104X

- Filettatura metrica ISO - Passo grosso - **Per acciaio INOX**
 - DIN 13

- Metric ISO thread - Coarse pitch - **For stainless steel** - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - **für INOX-Stahl** - DIN 13

- Tolleranza: ISO2 6H

- Scanalature diritte con imbocco corretto per fori passanti

- Imbocco 4/5 filetti

- DIN 371 fino al Ø 10

- DIN 376 dal Ø 12

- Tolerance: ISO2 6H

- Straight fluted with spiral point for through holes

- 4/5 spiral points lead-in

- DIN 371 up to Ø 10

- DIN 376 from Ø 12

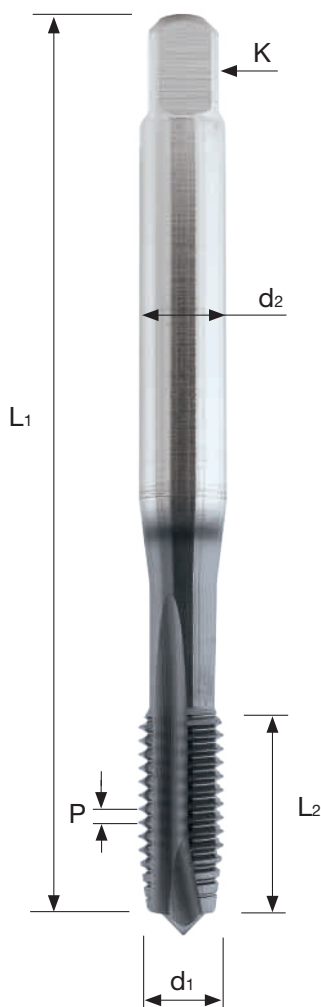
- Toleranz ISO2 6HX

- gerade genutet mit Schälanschnitt für Durchgangsbohrungen

- 4/5 Gang Anschnitt

- DIN 371 bis Ø 10

- DIN 376 ab Ø 12



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T104X M3 | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | ● | ● | ● |
| T104X M3,5 | M3,5 | 0,6 | 2,9 | 56 | 11 | 4,0 | 3,0 | ● | ● | ● |
| T104X M4 | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | ● | ● | ● |
| T104X M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | ● | ● | ● |
| T104X M6 | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | ● | ● | ● |
| T104X M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | ● | ● | ● |
| T104X M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | ● | ● | ● |
| T104X M12 | M12 | 1,75 | 10,2 | 110 | 22 | 9,0 | 7,0 | ● | ● | ● |
| T104X M14 | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | ● | ● | ● |
| T104X M16 | M16 | 2 | 14,0 | 110 | 28 | 12,0 | 9,0 | ● | ● | ● |
| T104X M18 | M18 | 2,5 | 15,5 | 125 | 32 | 14,0 | 11,0 | ● | ● | ● |
| T104X M20 | M20 | 2,5 | 17,5 | 140 | 32 | 16,0 | 12,0 | ● | ● | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T104X M20 VAP

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T105

- Filettatura metrica ISO - Passo grosso - **Gambo ridotto**
 - DIN 13

- Metric ISO thread - Coarse pitch - **Reduced shank** - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - **mit reduziertem Schaft** - DIN 13

- Tolleranza: ISO2 6H

- Tolerance: ISO2 6H

- Toleranz ISO2 6H

- Scanalature diritte con imbocco corretto per fori passanti

- Straight fluted with spiral point for through holes

- gerade genutet mit Schälanschnitt für Durchgangsbohrungen

- Imbocco 4/5 filetti

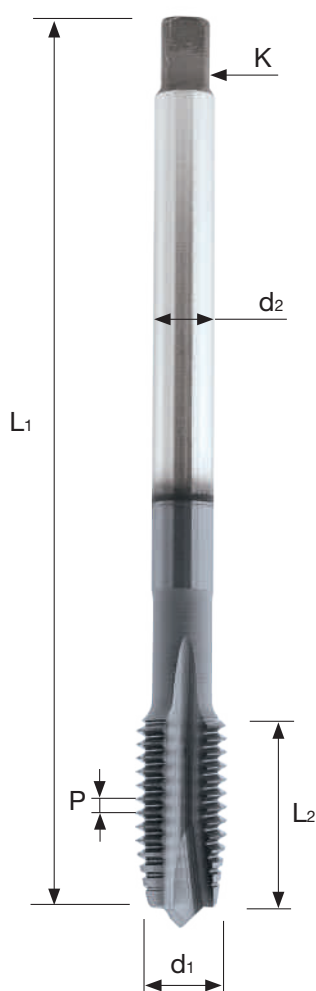
- 4/5 spiral points lead-in

- 4/5 Gang Anschnitt

- DIN 376

- DIN 376

- DIN 376



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T105 M4 | M4 | 0,7 | 3,3 | 63 | 12 | 2,8 | 2,1 | ● | ● | ● |
| T105 M5 | M5 | 0,8 | 4,2 | 70 | 14 | 3,5 | 2,7 | ● | ● | ● |
| T105 M6 | M6 | 1 | 5,0 | 80 | 16 | 4,5 | 3,4 | ● | ● | ● |
| T105 M7 | M7 | 1 | 6,0 | 80 | 16 | 5,5 | 4,3 | ● | ● | ● |
| T105 M8 | M8 | 1,25 | 6,8 | 90 | 18 | 6,0 | 4,9 | ● | ● | ● |
| T105 M9 | M9 | 1,25 | 7,8 | 90 | 18 | 7,0 | 5,5 | ● | ● | ● |
| T105 M10 | M10 | 1,5 | 8,5 | 100 | 20 | 7,0 | 5,5 | ● | ● | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T105 M10 HSS-E

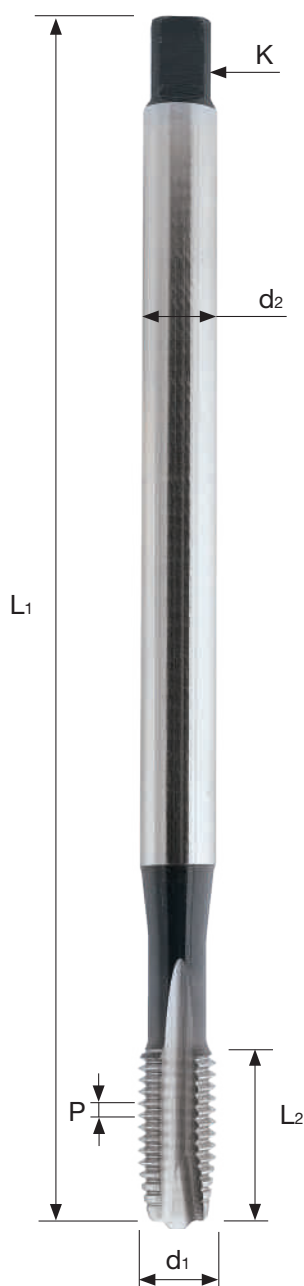
● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T108

- Filettatura metrica ISO - Passo grosso - **Gambo lungo**
- **DIN 13**
- Metric ISO thread - Coarse pitch - **Long shank**- DIN 13
- Metrisches ISO-Regelgewinde - grobe Steigung - **langer Schaft** - DIN 13

- | | | |
|--|---|---|
| - Tolleranza: ISO2 6H | - Tolerance: ISO2 6H | - Toleranz ISO2 6H |
| - Scanalature diritte con imbocco corretto per fori passanti | - Straight fluted with spiral point for through holes | - gerade genutet mit Schälanschnitt für Durchgangsbohrungen |
| - Imbocco 4/5 filetti | - 4/5 spiral points lead-in | - 4/5 Gang Anschnitt |



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-------|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T108 M4 | M4 | 0,7 | 3,3 | 112 | 12 | 4,5 | 3,4 | ● | ● |
| T108 M5 | M5 | 0,8 | 4,2 | 125 | 14 | 6,0 | 4,9 | ● | ● |
| T108 M6 | M6 | 1 | 5,0 | 125 | 16 | 6,0 | 4,9 | ● | ● |
| T108 M8 | M8 | 1,25 | 6,8 | 140 | 18 | 8,0 | 6,2 | ● | ● |
| T108 M10 | M10 | 1,5 | 8,5 | 160 | 20 | 10,0 | 8,0 | ● | ● |
| T108 M12 | M12 | 1,75 | 10,2 | 180 | 24 | 9,0 | 7,0 | ● | ● |

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T108 M12 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T110

- Filettatura metrica ISO - Passo grosso - **Tolleranze speciali**
 - DIN 13

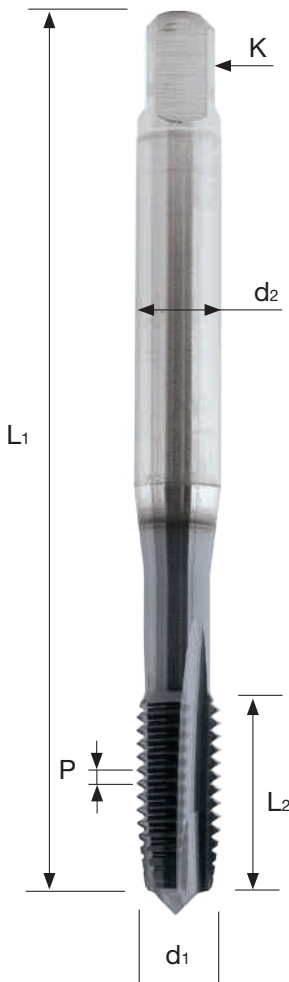
- Metric ISO thread - Coarse pitch - **Special tolerances** - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - **Sondertoleranzen** - DIN 13

- Tolleranza: **ISO1 4H o ISO3 6G**
- Scanalature diritte con imbocco corretto per fori passanti
- Imbocco 4/5 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 12

- Tolerance: **ISO1 4H or ISO3 6G**
- Straight fluted with spiral point for through holes
- 4/5 spiral points lead-in
- DIN 371 up to Ø 10
- DIN 376 from Ø 12

- Toleranz: **ISO1 4H oder ISO3 6G**
- gerade genutet mit Schälanschnitt für Durchgangsbohrungen
- 4/5 Gang Anschnitt
- DIN 371 bis Ø 10
- DIN 376 ab Ø 12



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T110 M2 T4H | M2 | 0,4 | 1,6 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T110 M2,5 T4H | M2,5 | 0,45 | 2,05 | 50 | 10 | 2,8 | 2,1 | ● | - | ● |
| T110 M3 T4H | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T110 M4 T4H | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | ● | - | ● |
| T110 M5 T4H | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | ● | - | ● |
| T110 M6 T4H | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T110 M8 T4H | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | ● | - | ● |
| T110 M10 T4H | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | ● | - | ● |
| T110 M12 T4H | M12 | 1,75 | 10,2 | 110 | 25 | 9,0 | 7,0 | ● | - | ● |
| T110 M14 T4H | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | ● | - | ● |
| T110 M2 T6G | M2 | 0,4 | 1,6 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T110 M2,5 T6G | M2,5 | 0,45 | 2,05 | 50 | 10 | 2,8 | 2,1 | ● | - | ● |
| T110 M3 T6G | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T110 M4 T6G | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | ● | - | ● |
| T110 M5 T6G | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | ● | - | ● |
| T110 M6 T6G | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T110 M8 T6G | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | ● | - | ● |
| T110 M10 T6G | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | ● | - | ● |
| T110 M12 T6G | M12 | 1,75 | 10,2 | 110 | 25 | 9,0 | 7,0 | ● | - | ● |
| T110 M14 T6G | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T110 M14 T6G HSS-E

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T120

- Filettatura metrica ISO - Passo fine - DIN 13

- Metric ISO thread - Fine pitch - DIN 13

- Metrisches ISO-Regelgewinde - feine Steigung - DIN 13

- Tolleranza: ISO2 6H

- Scanalature diritte con imbocco
corretto per fori passanti

- Imbocco 4/5 filetti

- DIN 374

- Tolerance: ISO2 6H

- Straight fluted with spiral point
for through holes

- 4/5 spiral points lead-in

- DIN 374

- Toleranz ISO2 6H

- gerade genutet mit Schälanschnitt
für Durchgangsbohrungen

- 4/5 Gang Anschnitt

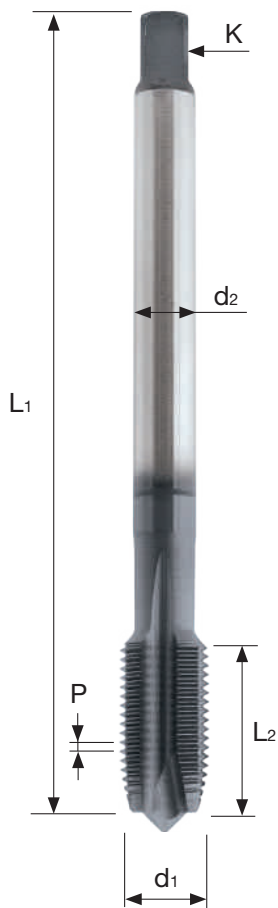
- DIN 374



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T120 M4x0,5 | M4 | 0,5 | 3,5 | 63 | 10 | 2,8 | 2,1 | ● | - | ● |
| T120 M5x0,5 | M5 | 0,5 | 4,5 | 70 | 12 | 3,5 | 2,7 | ● | - | ● |
| T120 M6x0,75 | M6 | 0,75 | 5,2 | 80 | 14 | 4,5 | 3,4 | ● | - | ● |
| T120 M7x0,75 | M7 | 0,75 | 6,2 | 80 | 14 | 5,5 | 4,3 | ● | - | ● |
| T120 M8x1 | M8 | 1 | 7,0 | 90 | 16 | 6,0 | 4,9 | ● | - | ● |
| T120 M8x0,75 | M8 | 0,75 | 7,2 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T120 M9x1 | M9 | 1 | 8,0 | 90 | 16 | 7,0 | 5,5 | ● | - | ● |
| T120 M10x1,25 | M10 | 1,25 | 8,8 | 100 | 18 | 7,0 | 5,5 | ● | - | ● |
| T120 M10x1 | M10 | 1 | 9,0 | 90 | 18 | 7,0 | 5,5 | ● | - | ● |
| T120 M10x0,75 | M10 | 0,75 | 9,2 | 90 | 18 | 7,0 | 5,5 | ● | - | ● |
| T120 M11x1 | M11 | 1 | 10,0 | 90 | 20 | 8,0 | 6,2 | ● | - | ● |
| T120 M12x1,5 | M12 | 1,5 | 10,5 | 100 | 22 | 9,0 | 7,0 | ● | - | ● |
| T120 M12x1,25 | M12 | 1,25 | 10,8 | 100 | 22 | 9,0 | 7,0 | ● | - | ● |
| T120 M12x1 | M12 | 1 | 11,0 | 100 | 22 | 9,0 | 7,0 | ● | - | ● |
| T120 M14x1,5 | M14 | 1,5 | 12,5 | 100 | 22 | 11,0 | 9,0 | ● | - | ● |
| T120 M14x1,25 | M14 | 1,25 | 12,8 | 100 | 22 | 11,0 | 9,0 | ● | - | ● |
| T120 M14x1 | M14 | 1 | 13,0 | 100 | 22 | 11,0 | 9,0 | ● | - | ● |
| T120 M15x1,5 | M15 | 1,5 | 13,5 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T120 M15x1 | M15 | 1 | 14,0 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T120 M16x1,5 | M16 | 1,5 | 14,5 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T120 M16x1 | M16 | 1 | 15,0 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T120 M18x1,5 | M18 | 1,5 | 16,5 | 110 | 25 | 14,0 | 11,0 | ● | - | ● |
| T120 M18x1 | M18 | 1 | 17,0 | 110 | 25 | 14,0 | 11,0 | ● | - | ● |
| T120 M20x1,5 | M20 | 1,5 | 18,5 | 125 | 25 | 16,0 | 12,0 | ● | - | ● |
| T120 M20x1 | M20 | 1 | 19,0 | 125 | 25 | 16,0 | 12,0 | ● | - | ● |
| T120 M22x1,5 | M22 | 1,5 | 20,5 | 125 | 25 | 18,0 | 14,5 | ● | - | ● |
| T120 M22x1 | M22 | 1 | 21,0 | 125 | 25 | 18,0 | 14,5 | ● | - | ● |
| T120 M24x2 | M24 | 2 | 22,0 | 140 | 28 | 18,0 | 14,5 | ● | - | ● |
| T120 M24x1,5 | M24 | 1,5 | 22,5 | 140 | 25 | 18,0 | 14,5 | ● | - | ● |
| T120 M24x1 | M24 | 1 | 23,0 | 140 | 25 | 18,0 | 14,5 | ● | - | ● |
| T120 M25x2 | M25 | 2 | 23,0 | 140 | 28 | 18,0 | 14,5 | ● | - | ● |
| T120 M25x1,5 | M25 | 1,5 | 23,5 | 140 | 25 | 18,0 | 14,5 | ● | - | ● |
| T120 M26x2 | M26 | 2 | 24,0 | 140 | 28 | 18,0 | 14,5 | ● | - | ● |
| T120 M26x1,5 | M26 | 1,5 | 24,5 | 140 | 25 | 18,0 | 14,5 | ● | - | ● |
| T120 M27x2 | M27 | 2 | 25,0 | 140 | 28 | 20,0 | 16,0 | ● | - | ● |
| T120 M27x1,5 | M27 | 1,5 | 25,5 | 140 | 28 | 20,0 | 16,0 | ● | - | ● |
| T120 M28x2 | M28 | 2 | 26,0 | 140 | 28 | 20,0 | 16,0 | ● | - | ● |
| T120 M28x1,5 | M28 | 1,5 | 26,5 | 140 | 28 | 20,0 | 16,0 | ● | - | ● |
| T120 M30x2 | M30 | 2 | 28,0 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |

CONTINUA CONTINUES WEITER ▶

T120



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|-----|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T120 M30x1,5 | M30 | 1,5 | 28,5 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |
| T120 M32x2 | M32 | 2 | 30,0 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |
| T120 M32x1,5 | M32 | 1,5 | 30,5 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |
| T120 M36x3 | M36 | 3 | 33,0 | 200 | 56 | 28,0 | 22,0 | ● | - | ● |
| T120 M36x2 | M36 | 2 | 34,0 | 170 | 30 | 28,0 | 22,0 | ● | - | ● |
| T120 M36x1,5 | M36 | 1,5 | 34,5 | 170 | 30 | 28,0 | 22,0 | ● | - | ● |
| T120 M40x3 | M40 | 3 | 37,0 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T120 M40x2 | M40 | 2 | 38,0 | 170 | 30 | 32,0 | 24,0 | ● | - | ● |
| T120 M40x1,5 | M40 | 1,5 | 38,5 | 170 | 30 | 32,0 | 24,0 | ● | - | ● |
| T120 M42x3 | M42 | 3 | 39,0 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T120 M42x2 | M42 | 2 | 40,0 | 170 | 30 | 32,0 | 24,0 | ● | - | ● |
| T120 M42x1,5 | M42 | 1,5 | 40,5 | 170 | 30 | 32,0 | 24,0 | ● | - | ● |
| T120 M45x3 | M45 | 3 | 42,0 | 200 | 50 | 36,0 | 29,0 | ● | - | ● |
| T120 M45x2 | M45 | 2 | 43,0 | 180 | 32 | 36,0 | 29,0 | ● | - | ● |
| T120 M45x1,5 | M45 | 1,5 | 43,5 | 180 | 32 | 36,0 | 29,0 | ● | - | ● |
| T120 M48x3 | M48 | 3 | 45,0 | 225 | 30 | 36,0 | 29,0 | ● | - | ● |
| T120 M48x2 | M48 | 2 | 46,0 | 190 | 32 | 36,0 | 29,0 | ● | - | ● |
| T120 M48x1,5 | M48 | 1,5 | 46,5 | 190 | 32 | 36,0 | 29,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T120 M48x1,5 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T121H

- Filettatura metrica ISO - Passo fine - DIN 13

- Metric ISO thread - Fine pitch - DIN 13

- Metrisches ISO-Regelgewinde - feine Steigung - DIN 13

- Tolleranza: 6HX

- Scanalature diritte con imbocco
corretto per fori passanti

- Imbocco 4/5 filetti

- DIN 374

- Tolerance: 6HX

- Straight fluted with spiral point
for through holes

- 4/5 spiral points lead-in

- DIN 374

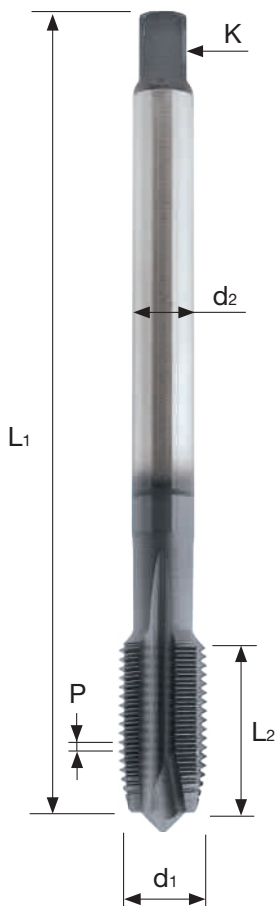
- Toleranz 6HX

- gerade genutet mit Schälanschnitt
für Durchgangsbohrungen

- 4/5 Gang Anschnitt

- DIN 374

*High
performance*



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T121H M8x1 | M8 | 1 | 7,0 | 90 | 12 | 6,0 | 4,9 | - | ● |
| T121H M10x1,25 | M10 | 1,25 | 8,8 | 100 | 14 | 7,0 | 5,5 | - | ● |
| T121H M10x1 | M10 | 1 | 9,0 | 90 | 12 | 7,0 | 5,5 | - | ● |
| T121H M12x1,5 | M12 | 1,5 | 10,5 | 100 | 15 | 9,0 | 7,0 | - | ● |
| T121H M12x1,25 | M12 | 1,25 | 10,8 | 100 | 14 | 9,0 | 7,0 | - | ● |
| T121H M12x1 | M12 | 1 | 11,0 | 100 | 14 | 9,0 | 7,0 | - | ● |
| T121H M14x1,5 | M14 | 1,5 | 12,5 | 100 | 16 | 11,0 | 9,0 | - | ● |
| T121H M16x1,5 | M16 | 1,5 | 14,5 | 100 | 16 | 12,0 | 9,0 | - | ● |
| T121H M18x1,5 | M18 | 1,5 | 16,5 | 110 | 18 | 14,0 | 11,0 | - | ● |
| T121H M20x1,5 | M20 | 1,5 | 18,5 | 125 | 18 | 16,0 | 12,0 | - | ● |

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

T121H M20x1,5 KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

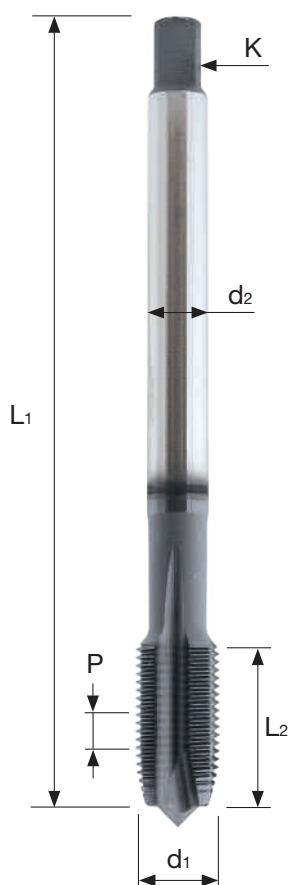
T130

- Filettatura GAS cilindrica BSP (55°) - EN ISO 228-1

- BSP British Standard Pipe thread (55°) - EN ISO 228-1

- BSP British Standard Pipe Gewinde (55°) - EN ISO 228-1

- | | | |
|--|---|---|
| - Tolleranza: ISO5969 | - Tolerance: ISO5969 | - Toleranz: ISO5969 |
| - Scanalature diritte con imbocco corretto per fori passanti | - Straight fluted with spiral point for through holes | - gerade genutet mit Schälanschnitt für Durchgangsbohrungen |
| - Imbocco 4/5 filetti | - 4/5 spiral points lead-in | - 4/5 Gang Anschnitt |
| - DIN 5156 | - DIN 5156 | - DIN 5156 |



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T130 G 1/8" | G 1/8" | 28 | 8,8 | 90 | 18 | 7 | 5,5 | ● | - | ● |
| T130 G 1/4" | G 1/4" | 19 | 11,8 | 100 | 22 | 11 | 9,0 | ● | - | ● |
| T130 G 3/8" | G 3/8" | 19 | 15,25 | 100 | 22 | 12 | 9,0 | ● | - | ● |
| T130 G 1/2" | G 1/2" | 14 | 19,0 | 125 | 25 | 16 | 12,0 | ● | - | ● |
| T130 G 5/8" | G 5/8" | 14 | 21,0 | 125 | 25 | 18 | 14,5 | ● | - | ● |
| T130 G 3/4" | G 3/4" | 14 | 24,5 | 140 | 28 | 20 | 16,0 | ● | - | ● |
| T130 G 7/8" | G 7/8" | 14 | 28,25 | 150 | 28 | 22 | 18,0 | ● | - | ● |
| T130 G 1" | G 1" | 11 | 30,75 | 160 | 30 | 25 | 20,0 | ● | - | ● |
| T130 G 1-1/8" | G 1-1/8" | 11 | 35,5 | 170 | 30 | 28 | 22,0 | ● | - | ● |
| T130 G 1-1/4" | G 1-1/4" | 11 | 39,5 | 170 | 30 | 32 | 24,0 | ● | - | ● |
| T130 G 1-3/8" | G 1-3/8" | 11 | 42,0 | 170 | 32 | 36 | 29,0 | ● | - | ● |
| T130 G 1-1/2" | G 1-1/2" | 11 | 45,25 | 190 | 32 | 36 | 29,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T130 G 1-1/2" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T131H

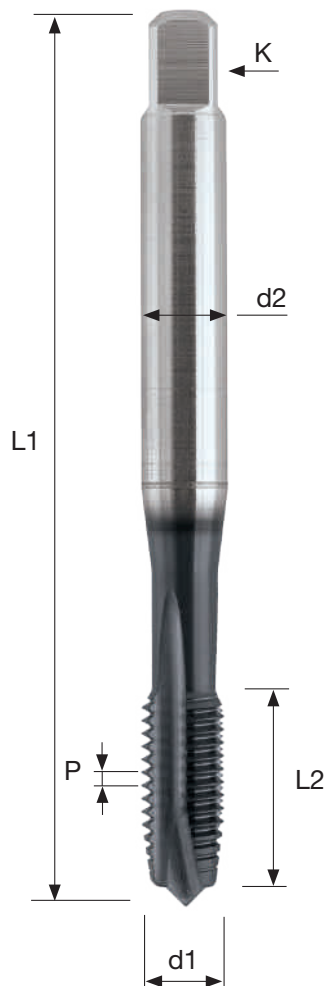
- Filettatura GAS cilindrica BSP(55°) - EN ISO 228

- BSP British Standard Pipe thread (55°) - EN ISO 228

- BSP British Standard Pipe Gewinde (55°) - EN ISO 228

- | | | |
|--|---|---|
| - Tolleranza: ISO5969X | - Tolerance: ISO5969X | - Toleranz: ISO5969X |
| - Scanalature diritte con imbocco corretto per fori passanti | - Straight fluted with spiral point for through holes | - gerade genutet mit Schälanschnitt für Durchgangsbohrungen |
| - Imbocco 4/5 filetti | - 4/5 spiral points lead-in | - 4/5 Gang Anschnitt |
| - DIN 5156 | - DIN 5156 | - DIN 5156 |

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP60 |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-----|------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T131H G 1/8" | G 1/8" | 28 | 8,8 | 90 | 18 | 7 | 5,5 | - | ● |
| T131H G 1/4" | G 1/4" | 19 | 11,8 | 100 | 22 | 11 | 9,0 | - | ● |
| T131H G 3/8" | G 3/8" | 19 | 15,25 | 100 | 22 | 12 | 9,0 | - | ● |
| T131H G 1/2" | G 1/2" | 14 | 19,0 | 125 | 25 | 16 | 12,0 | - | ● |
| T131H G 5/8" | G 5/8" | 14 | 21,0 | 125 | 25 | 18 | 14,5 | - | ● |
| T131H G 3/4" | G 3/4" | 14 | 24,5 | 140 | 28 | 20 | 16,0 | - | ● |
| T131H G 1" | G 1" | 11 | 30,75 | 160 | 30 | 25 | 20,0 | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T131H G 1" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T140

- Filettatura Americana UNC - Passo grosso - ASME B1.1

- American UNC thread - Coarse pitch - ASME B1.1

- Amerikanisches UNC - grobe Steigung - ASME B1.1

- Tolleranza: 2B

- Scanalature diritte con imbocco
corretto per fori passanti

- Imbocco 4/5 filetti

- DIN 2184-1

- Tolerance: 2B

- Straight fluted with spiral point
for through holes

- 4/5 spiral points lead-in

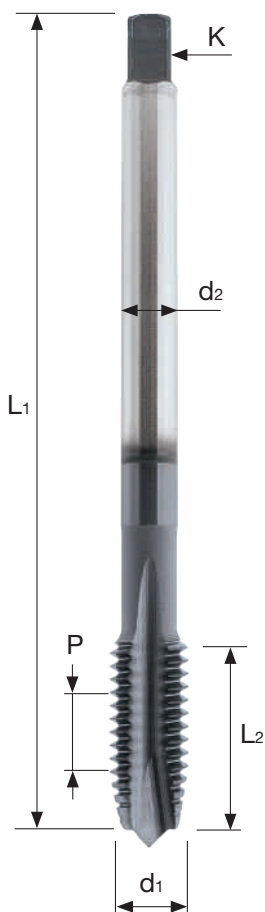
- DIN 2184-1

- Toleranz: 2B

- geradegenutet mit Schälanschnitt
für Durchgangsbohrungen

- 4/5 Gang Anschnitt

- DIN 2184-1



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|-------|--------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T140 nr 2 | nr 2 | 56 | 2,184 | 1,85 | 45 | 8 | 2,8 | 2,1 | ● | - | ● |
| T140 nr 3 | nr 3 | 48 | 2,515 | 2,1 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T140 nr 4 | nr 4 | 40 | 2,845 | 2,35 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T140 nr 5 | nr 5 | 40 | 3,175 | 2,65 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T140 nr 6 | nr 6 | 32 | 3,505 | 2,85 | 56 | 11 | 4,0 | 3,0 | ● | - | ● |
| T140 nr 8 | nr 8 | 32 | 4,166 | 3,5 | 63 | 13 | 4,5 | 3,4 | ● | - | ● |
| T140 nr 10 | nr 10 | 24 | 4,826 | 3,9 | 70 | 16 | 6,0 | 4,9 | ● | - | ● |
| T140 nr 12 | nr 12 | 24 | 5,486 | 4,5 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T140 1/4" | 1/4" | 20 | 6,350 | 5,1 | 80 | 17 | 7,0 | 5,5 | ● | - | ● |
| T140 5/16" | 5/16" | 18 | 7,938 | 6,6 | 90 | 18 | 6,0 | 4,9 | ● | - | ● |
| T140 3/8" | 3/8" | 16 | 9,525 | 8,0 | 100 | 22 | 7,0 | 5,5 | ● | - | ● |
| T140 7/16" | 7/16" | 14 | 11,113 | 9,4 | 100 | 24 | 8,0 | 6,2 | ● | - | ● |
| T140 1/2" | 1/2" | 13 | 12,700 | 10,8 | 110 | 26 | 9,0 | 7,0 | ● | - | ● |
| T140 9/16" | 9/16" | 12 | 14,288 | 12,2 | 110 | 28 | 11,0 | 9,0 | ● | - | ● |
| T140 5/8" | 5/8" | 11 | 15,875 | 13,5 | 110 | 28 | 12,0 | 9,0 | ● | - | ● |
| T140 3/4" | 3/4" | 10 | 19,050 | 16,5 | 125 | 32 | 14,0 | 11,0 | ● | - | ● |
| T140 7/8" | 7/8" | 9 | 22,225 | 19,5 | 140 | 32 | 18,0 | 14,5 | ● | - | ● |
| T140 1" | 1" | 8 | 25,400 | 22,25 | 160 | 36 | 18,0 | 14,5 | ● | - | ● |
| T140 1-1/8" | 1-1/8" | 7 | 28,575 | 25,0 | 180 | 40 | 22,0 | 18,0 | ● | - | ● |
| T140 1-1/4" | 1-1/4" | 7 | 31,750 | 28,0 | 180 | 40 | 22,0 | 18,0 | ● | - | ● |
| T140 1-1/2" | 1-1/2" | 6 | 38,100 | 34,0 | 200 | 50 | 28,0 | 22,0 | ● | - | ● |
| T140 1-3/4" | 1-3/4" | 5 | 44,450 | 39,5 | 220 | 63 | 36,0 | 29,0 | ● | - | ● |
| T140 2" | 2" | 4 1/2 | 50,800 | 45,0 | 250 | 70 | 40,0 | 32,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T140 1-3/4" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T145

- Filettatura Americana Unif. - Passo costante - **8 filetti**
 - ASME B1.1

- American Standard thread - Constant pitch - **8 thread** - ASME B1.1

- Amerikanische Einheitsgewinde - mit konstanter Steigung - **8 Gewindegänge** - ASME B1.1

- Tolleranza: 2B

- Scanalature diritte con imbocco
 corretto per fori passanti

- Imbocco 4/5 filetti

- DIN 2184-1

- Tolerance: 2B

- Straight fluted with spiral point
 for through holes

- 4/5 spiral points lead-in

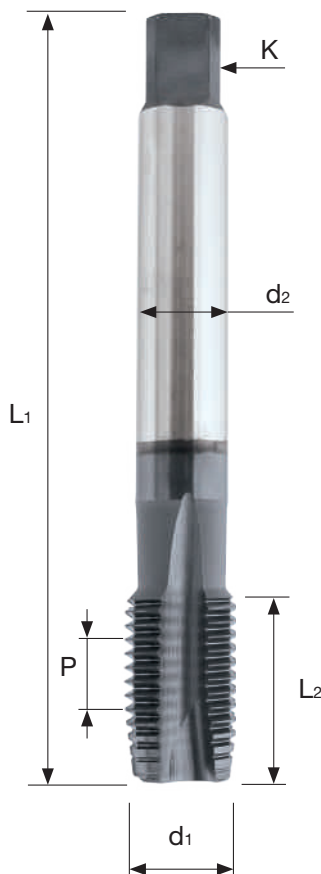
- DIN 2184-1

- Toleranz: 2B

- gerade genutet mit Schälanschnitt
 für Durchgangsbohrungen

- 4/5 Gang Anschnitt

- DIN 2184-1



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|---|--------|-------------------------------------|----------------|----------------|----------------|----|-------|-----|-------|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T145 1-1/8" | 1-1/8" | 8 | 28,760 | 25,4 | 180 | 40 | 22 | 18 | ● | - | ● |
| T145 1-1/4" | 1-1/4" | 8 | 31,930 | 28,5 | 180 | 40 | 25 | 20 | ● | - | ● |
| T145 1-3/8" | 1-3/8" | 8 | 35,110 | 31,8 | 200 | 50 | 28 | 22 | ● | - | ● |
| T145 1-1/2" | 1-1/2" | 8 | 38,290 | 35,0 | 200 | 50 | 32 | 24 | ● | - | ● |
| T145 1-5/8" | 1-5/8" | 8 | 41,470 | 38,1 | 200 | 50 | 32 | 24 | ● | - | ● |
| T145 1-3/4" | 1-3/4" | 8 | 44,640 | 41,3 | 200 | 50 | 36 | 29 | ● | - | ● |
| T145 1-7/8" | 1-7/8" | 8 | 47,820 | 44,5 | 225 | 60 | 36 | 29 | ● | - | ● |
| T145 2" | 2" | 8 | 51,000 | 47,7 | 225 | 60 | 40 | 29 | ● | - | ● |
| T145 2-1/4" | 2-1/4" | 8 | 57,350 | 54,0 | 235 | 65 | 50 | 32 | ● | - | ● |
| T145 2-1/2" | 2-1/2" | 8 | 63,700 | 60,3 | 250 | 70 | 50 | 39 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T145 2-1/2" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

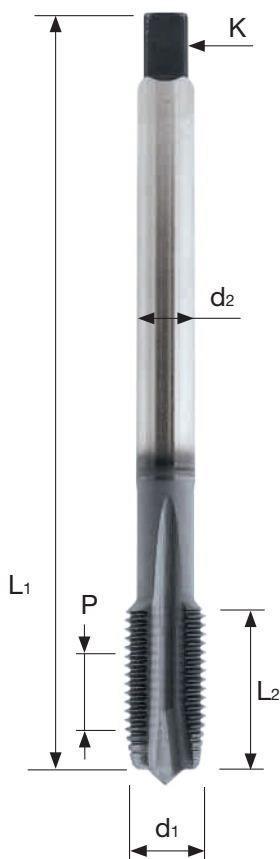
T150

- Filettatura Americana UNF - Passo fine - ASME B1.1

- American UNF thread - Fine pitch - ASME B1.1

- Amerikanisches UNF -feine Steigung - ASME B1.1

- | | | |
|--|---|---|
| - Tolleranza: 2B | - Tolerance: 2B | - Toleranz: 2B |
| - Scanalature diritte con imbocco corretto per fori passanti | - Straight fluted with spiral point for through holes | - gerade genutet mit Schälanschnitt für Durchgangsbohrungen |
| - Imbocco 4/5 filetti | - 4/5 spiral points lead-in | - 4/5 Gang Anschnitt |
| - DIN 2184-1 | - DIN 2184-1 | - DIN 2184-1 |



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|----|--------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T150 nr 2 | nr 2 | 64 | 2,184 | 1,85 | 45 | 8 | 2,1 | 2,1 | ● | - | ● |
| T150 nr 3 | nr 3 | 56 | 2,515 | 2,15 | 50 | 9 | 2,1 | 2,1 | ● | - | ● |
| T150 nr 4 | nr 4 | 48 | 2,845 | 2,4 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T150 nr 5 | nr 5 | 44 | 3,175 | 2,7 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T150 nr 6 | nr 6 | 40 | 3,505 | 2,95 | 56 | 11 | 4,0 | 3,0 | ● | - | ● |
| T150 nr 8 | nr 8 | 36 | 4,166 | 3,5 | 63 | 12 | 4,5 | 3,4 | ● | - | ● |
| T150 nr 10 | nr 10 | 32 | 4,826 | 4,1 | 70 | 14 | 6,0 | 4,9 | ● | - | ● |
| T150 nr 12 | nr 12 | 28 | 5,486 | 4,7 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T150 1/4" | 1/4" | 28 | 6,350 | 5,5 | 80 | 16 | 7,0 | 5,5 | ● | - | ● |
| T150 5/16" | 5/16" | 24 | 7,938 | 6,9 | 90 | 18 | 6,0 | 4,9 | ● | - | ● |
| T150 3/8" | 3/8" | 24 | 9,525 | 8,5 | 90 | 18 | 8,0 | 5,5 | ● | - | ● |
| T150 7/16" | 7/16" | 20 | 11,113 | 9,9 | 100 | 20 | 8,0 | 6,2 | ● | - | ● |
| T150 1/2" | 1/2" | 20 | 12,700 | 11,5 | 100 | 22 | 9,0 | 7,0 | ● | - | ● |
| T150 9/16" | 9/16" | 18 | 14,288 | 12,9 | 100 | 22 | 11,0 | 9,0 | ● | - | ● |
| T150 5/8" | 5/8" | 18 | 15,875 | 14,5 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T150 3/4" | 3/4" | 16 | 19,050 | 17,5 | 110 | 25 | 14,0 | 11,0 | ● | - | ● |
| T150 7/8" | 7/8" | 14 | 22,225 | 20,4 | 125 | 25 | 18,0 | 14,5 | ● | - | ● |
| T150 1" | 1" | 12 | 25,400 | 23,25 | 140 | 28 | 18,0 | 14,5 | ● | - | ● |
| T150 1-1/8" | 1-1/8" | 12 | 28,575 | 26,5 | 160 | 36 | 22,0 | 18,0 | ● | - | ● |
| T150 1-1/4" | 1-1/4" | 12 | 31,750 | 29,5 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |
| T150 1-1/2" | 1-1/2" | 12 | 38,100 | 36,0 | 170 | 30 | 28,0 | 22,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T150 1-1/2" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

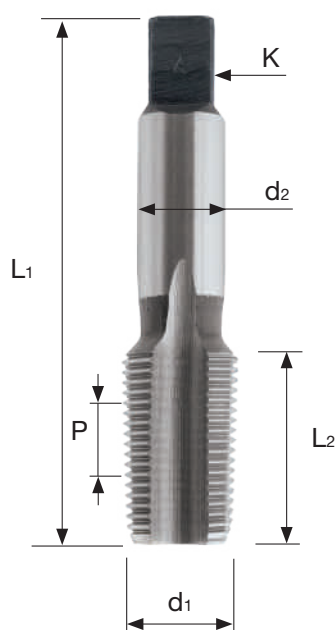
T160

- Filettatura GAS Conica BSPT(1:16 - 55°) BS21 - DIN EN 10226-2
- BSPT British Standard Pipe Taper thread (1:16 - 55°) BS21 - DIN EN 10226-2
- BSPT Konisches Rohrgewinde (1:16 - 55°) BS21 - DIN EN 10226-2

- Scanalature diritte
- Imbocco 2/3 filetti

- Straight fluted
- 2/3 spiral points lead-in

- gerade genutet
- 2/3 Gang Anschnitt



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T160 Rc 1/8" | Rc 1/8" | 28 | 8,3 | 63 | 12 | 7 | 5,5 | ● | - | ● |
| T160 Rc 1/4" | Rc 1/4" | 19 | 11,0 | 63 | 18 | 11 | 9,0 | ● | - | ● |
| T160 Rc 3/8" | Rc 3/8" | 19 | 14,5 | 70 | 18 | 12 | 9,0 | ● | - | ● |
| T160 Rc 1/2" | Rc 1/2" | 14 | 18,1 | 80 | 23 | 16 | 12,0 | ● | - | ● |
| T160 Rc 3/4" | Rc 3/4" | 14 | 23,5 | 100 | 25 | 20 | 16,0 | ● | - | ● |
| T160 Rc 1" | Rc 1" | 11 | 29,6 | 110 | 30 | 25 | 20,0 | ● | - | ● |
| T160 Rc 1-1/4" | Rc 1-1/4" | 11 | 38,1 | 125 | 32 | 32 | 24,0 | ● | - | ● |
| T160 Rc 1-1/2" | Rc 1-1/2" | 11 | 44 | 140 | 32 | 36 | 29,0 | ● | - | ● |
| T160 Rc 2" | Rc 2" | 11 | 55,6 | 160 | 37 | 45 | 35,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T160 Rc 2" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

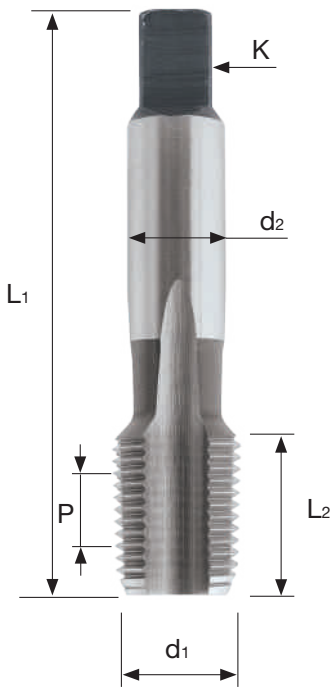
T170

- Filettatura Conica NPT (1:16 - 60°) - ASME B1.20.1
- American Standard Pipe Taper thread (1:16 - 60°) - ASME B1.20.1
- Amerikanisches kegeliges - Rohrgewinde NPT (1:16 - 60°) - ASME B1.20.1

- Scanalature diritte
- Imbocco 2/3 filetti

- Straight fluted
- 2/3 spiral points lead-in

- gerade genutet
- 2/3 Gang Anschnitt



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T170 1/16" | 1/16" | 27 | 6,15 | 63 | 12 | 6 | 4,9 | ● | - | ● |
| T170 1/8" | 1/8" | 27 | 8,4 | 63 | 12 | 7 | 5,5 | ● | - | ● |
| T170 1/4" | 1/4" | 18 | 11,1 | 63 | 18 | 11 | 9,0 | ● | - | ● |
| T170 3/8" | 3/8" | 18 | 14,3 | 70 | 18 | 12 | 9,0 | ● | - | ● |
| T170 1/2" | 1/2" | 14 | 17,9 | 80 | 23 | 16 | 12,0 | ● | - | ● |
| T170 3/4" | 3/4" | 14 | 23,3 | 100 | 24 | 20 | 16,0 | ● | - | ● |
| T170 1" | 1" | 11,5 | 29,0 | 110 | 30 | 25 | 20,0 | ● | - | ● |
| T170 1-1/4" | 1-1/4" | 11,5 | 37,7 | 125 | 32 | 32 | 24,0 | ● | - | ● |
| T170 1-1/2" | 1-1/2" | 11,5 | 43,7 | 140 | 32 | 36 | 29,0 | ● | - | ● |
| T170 2" | 2" | 11,5 | 55,6 | 160 | 34 | 45 | 35,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T170 1-1/2" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T175

- Filettatura Conica NPT (1:16 - 60°)

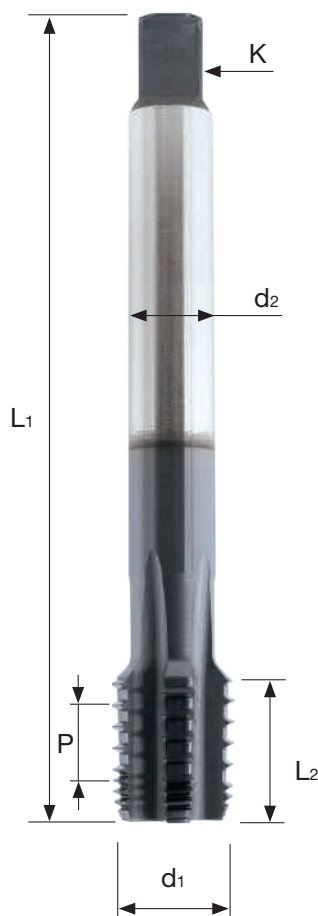
- American Standard Taper Pipe thread (1:16 - 60°)

- Amerikanisches kegeliges Rohrgewinde NPT (1:16 - 60°)

- Scanalature diritte
 - Imbocco 2/3 filetti

- Straight fluted
 - 2/3 spiral points lead-in

- gerade genutet
 - 2/3 Gang Anschnitt



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T175 1/16" | 1/16" | 27 | 6,15 | 90 | 12 | 6 | 4,9 | ● | - | ● |
| T175 1/8" | 1/8" | 27 | 8,4 | 100 | 12 | 7 | 5,5 | ● | - | ● |
| T175 1/4" | 1/4" | 18 | 11,1 | 100 | 18 | 11 | 9,0 | ● | - | ● |
| T175 3/8" | 3/8" | 18 | 14,3 | 110 | 18 | 12 | 9,0 | ● | - | ● |
| T175 1/2" | 1/2" | 14 | 17,9 | 140 | 23 | 16 | 12,0 | ● | - | ● |
| T175 3/4" | 3/4" | 14 | 23,3 | 150 | 24 | 20 | 16,0 | ● | - | ● |
| T175 1" | 1" | 11,5 | 29,0 | 170 | 30 | 25 | 20,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T175 3/4" KP60

● Disponibile / In stock / vorrätig
 ○ A richiesta / On request / auf Anfrage

T200

- Filettatura metrica ISO - Passo grosso - DIN 13

- Metric ISO thread - Coarse pitch - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- | | | |
|--|-------------------------------------|-------------------------------------|
| - Tolleranza: ISO2 6H | - Tolerance: ISO2 6H | - Toleranz: ISO 6H |
| - Scanalature elicoidali a 15° per fori ciechi | - 15° spiral fluted for blind holes | - spiral genutet 15° für Sacklöcher |
| - Imbocco 2/3 filetti | - 2/3 spiral point s lead-in | - 2/3 Gang Anschnitt |
| - DIN 371 fino al Ø 10 | - DIN 371 up to Ø 10 | - DIN 371 bis Ø 10 |
| - DIN 376 dal Ø 11 | - DIN 376 from Ø 11 | - DIN 376 ab Ø 11 |



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T200 M2 | M2 | 0,4 | 1,6 | 45 | 7 | 2,8 | 2,1 | ● | - | ● |
| T200 M2,2 | M2,2 | 0,45 | 1,75 | 45 | 8 | 2,8 | 2,1 | ● | - | ● |
| T200 M2,3 | M2,3 | 0,4 | 1,9 | 45 | 8 | 2,8 | 2,1 | ● | - | ● |
| T200 M2,5 | M2,5 | 0,45 | 2,05 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T200 M2,6 | M2,6 | 0,45 | 2,1 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T200 M3 | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T200 M3,5 | M3,5 | 0,6 | 2,9 | 56 | 11 | 4,0 | 3,0 | ● | - | ● |
| T200 M4 | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | ● | - | ● |
| T200 M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | ● | - | ● |
| T200 M6 | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T200 M7 | M7 | 1 | 6,0 | 80 | 16 | 7,0 | 5,5 | ● | - | ● |
| T200 M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | ● | - | ● |
| T200 M9 | M9 | 1,25 | 7,8 | 90 | 18 | 9,0 | 7,0 | ● | - | ● |
| T200 M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | ● | - | ● |
| T200 M11 | M11 | 1,5 | 9,5 | 100 | 22 | 8,0 | 6,2 | ● | - | ● |
| T200 M12 | M12 | 1,75 | 10,2 | 110 | 22 | 9,0 | 7,0 | ● | - | ● |
| T200 M14 | M14 | 2 | 12,0 | 110 | 24 | 11,0 | 9,0 | ● | - | ● |
| T200 M16 | M16 | 2 | 14,0 | 110 | 28 | 12,0 | 9,0 | ● | - | ● |
| T200 M18 | M18 | 2,5 | 15,5 | 125 | 32 | 14,0 | 11,0 | ● | - | ● |
| T200 M20 | M20 | 2,5 | 17,5 | 140 | 32 | 16,0 | 12,0 | ● | - | ● |
| T200 M22 | M22 | 2,5 | 19,5 | 140 | 32 | 18,0 | 14,5 | ● | - | ● |
| T200 M24 | M24 | 3 | 21,0 | 160 | 36 | 18,0 | 14,5 | ● | - | ● |
| T200 M27 | M27 | 3 | 24,0 | 160 | 36 | 20,0 | 16,0 | ● | - | ● |
| T200 M30 | M30 | 3,5 | 26,5 | 180 | 40 | 22,0 | 18,0 | ● | - | ● |
| T200 M33 | M33 | 3,5 | 29,5 | 180 | 40 | 25,0 | 20,0 | ● | - | ● |
| T200 M36 | M36 | 4 | 32,0 | 200 | 56 | 28,0 | 22,0 | ● | - | ● |
| T200 M39 | M39 | 4 | 35,0 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T200 M42 | M42 | 4,5 | 37,5 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T200 M45 | M45 | 4,5 | 40,5 | 220 | 65 | 36,0 | 29,0 | ● | - | ● |
| T200 M48 | M48 | 5 | 43,0 | 250 | 70 | 36,0 | 29,0 | ● | - | ● |
| T200 M52 | M52 | 5 | 47,0 | 250 | 70 | 40,0 | 32,0 | ● | - | ● |
| T200 M56 | M56 | 5,5 | 50,5 | 250 | 70 | 45,0 | 35,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T200 M56 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T201H

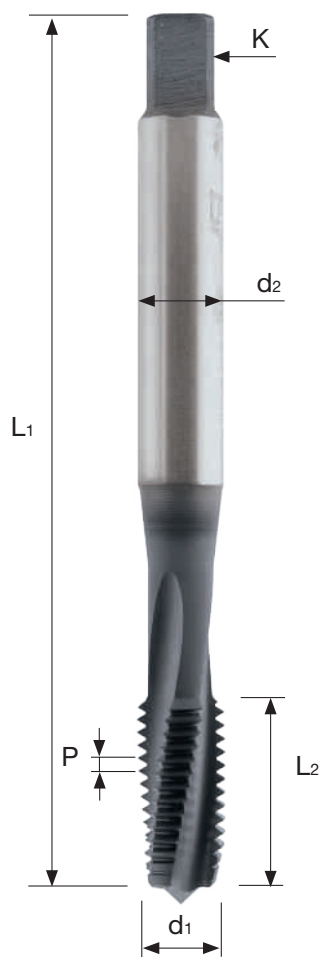
- Filettatura Metrica ISO - Passo grosso - DIN 13

- Metric ISO thread - Coarse pitch - DIN 13

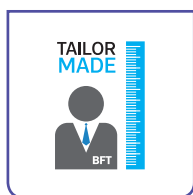
- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- | | | |
|--|-------------------------------------|-------------------------------------|
| - Tolleranza: 6HX | - Tolerance: 6 HX | - Toleranz: 6HX |
| - Scanalature elicoidali a 15° per fori ciechi | - 15° spiral fluted for blind holes | - spiral genutet 15° für Sacklöcher |
| - Imbocco 2/3 filetti | - 2/3 spiral point s lead-in | - 2/3 Gang Anschnitt |
| - DIN 371 fino al Ø 10 | - DIN 371 up to Ø 10 | - DIN 371 bis Ø 10 |
| - DIN 376 dal Ø 12 | - DIN 376 from Ø 12 | - DIN 376 ab Ø 12 |

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T201H M3 | M3 | 0,5 | 2,5 | 56 | 5 | 3,5 | 2,7 | - | ● |
| T201H M4 | M4 | 0,7 | 3,3 | 63 | 7 | 4,5 | 3,4 | - | ● |
| T201H M5 | M5 | 0,8 | 4,2 | 70 | 9 | 6,0 | 4,9 | - | ● |
| T201H M6 | M6 | 1 | 5,0 | 80 | 11 | 6,0 | 4,9 | - | ● |
| T201H M8 | M8 | 1,25 | 6,8 | 90 | 12 | 8,0 | 6,2 | - | ● |
| T201H M10 | M10 | 1,5 | 8,5 | 100 | 13 | 10,0 | 8,0 | - | ● |
| T201H M12 | M12 | 1,75 | 10,2 | 110 | 15 | 9,0 | 7,0 | - | ● |
| T201H M14 | M14 | 2 | 12,0 | 110 | 18 | 11,0 | 9,0 | - | ● |
| T201H M16 | M16 | 2 | 14,0 | 110 | 18 | 12,0 | 9,0 | - | ● |
| T201H M18 | M18 | 2,5 | 15,5 | 125 | 20 | 14,0 | 11,0 | - | ● |
| T201H M20 | M20 | 2,5 | 17,5 | 140 | 20 | 16,0 | 12,0 | - | ● |



ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T201H M20 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T201HW

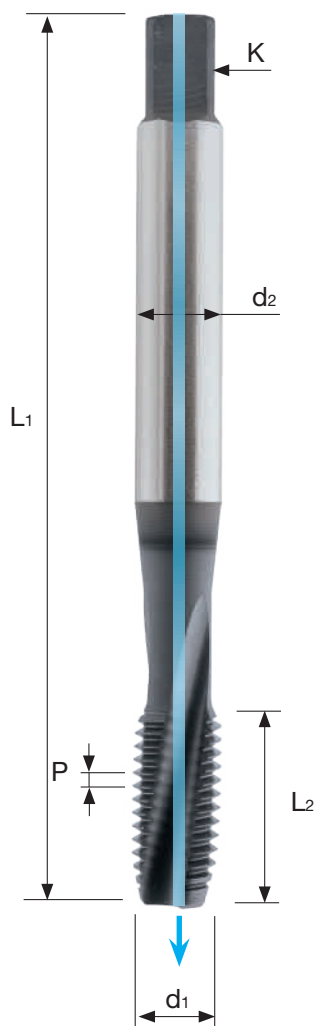
- Filettatura Metrica ISO - Passo grosso - DIN 13

- Metric ISO thread - Coarse pitch - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- | | | |
|--|-------------------------------------|-------------------------------------|
| - Tolleranza: 6HX | - Tolerance: 6 HX | - Toleranz: 6HX |
| - Scanalature elicoidali a 15° per fori ciechi | - 15° spiral fluted for blind holes | - spiral genutet 15° für Sacklöcher |
| - Imbocco 2/3 filetti | - 2/3 spiral point s lead-in | - 2/3 Gang Anschnitt |
| - DIN 371 fino al Ø 10 | - DIN 371 up to Ø 10 | - DIN 371 bis Ø 10 |
| - DIN 376 dal Ø 12 | - DIN 376 from Ø 12 | - DIN 376 ab Ø 12 |

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T201HW M5 | M5 | 0,8 | 4,2 | 70 | 9 | 6,0 | 4,9 | - | ● |
| T201HW M6 | M6 | 1 | 5,0 | 80 | 11 | 6,0 | 4,9 | - | ● |
| T201HW M8 | M8 | 1,25 | 6,8 | 90 | 12 | 8,0 | 6,2 | - | ● |
| T201HW M10 | M10 | 1,5 | 8,5 | 100 | 13 | 10,0 | 8,0 | - | ● |
| T201HW M12 | M12 | 1,75 | 10,2 | 110 | 15 | 9,0 | 7,0 | - | ● |
| T201HW M14 | M14 | 2 | 12,0 | 110 | 18 | 11,0 | 9,0 | - | ● |
| T201HW M16 | M16 | 2 | 14,0 | 110 | 18 | 12,0 | 9,0 | - | ● |
| T201HW M18 | M18 | 2,5 | 15,5 | 125 | 20 | 14,0 | 11,0 | - | ● |
| T201HW M20 | M20 | 2,5 | 17,5 | 140 | 20 | 16,0 | 12,0 | - | ● |



CON FORI DI REFRIGERAZIONE

**WITH INNER COOLANT
 MIT KÜHLMITTELKANÄLEN**

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

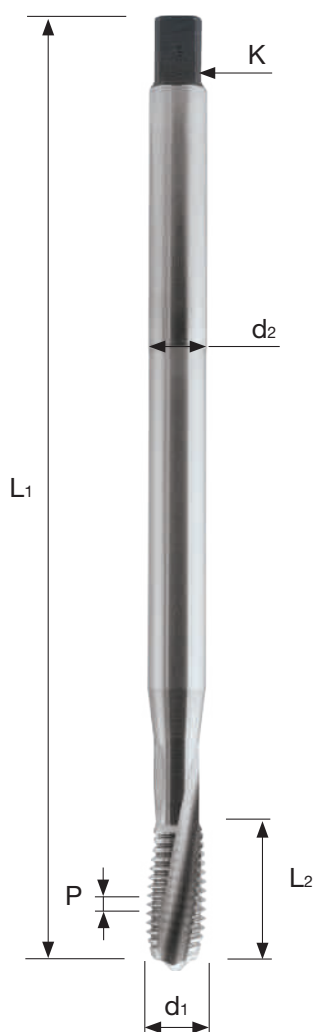
T201HW M20 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T208

- Filettatura metrica ISO - Passo grosso - **Gambo lungo**
- **DIN 13**
- Metric ISO thread - Coarse pitch - **Long shank** - DIN 13
- Metrisches ISO-Regelgewinde - grobe Steigung - **langer Schaft** - DIN 13

- | | | |
|--|-------------------------------------|------------------------------------|
| - Tolleranza: ISO2 6H | - Tolerance: ISO2 6H | - Toleranz: ISO2 6H |
| - Scanalature elicoidali a 15° per fori ciechi | - 15° spiral fluted for blind holes | - spiralgenutet 15° für Sacklöcher |
| - Imbocco 2/3 filetti | - 2/3 spiral point s lead-in | - 2/3 Gang Anschnitt |



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T208 M4 | M4 | 0,7 | 3,3 | 112 | 12 | 4,5 | 3,4 | ● | - | ● |
| T208 M5 | M5 | 0,8 | 4,2 | 125 | 14 | 6,0 | 4,9 | ● | - | ● |
| T208 M6 | M6 | 1 | 5,0 | 125 | 16 | 6,0 | 4,9 | ● | - | ● |
| T208 M8 | M8 | 1,25 | 6,8 | 140 | 18 | 8,0 | 6,2 | ● | - | ● |
| T208 M10 | M10 | 1,5 | 8,5 | 160 | 20 | 10,0 | 8,0 | ● | - | ● |
| T208 M12 | M12 | 1,75 | 10,2 | 180 | 24 | 9,0 | 7,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T208 M12 HSS-E

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T210

- Filettatura metrica ISO - Passo grosso - **Tolleranze speciali**
 - DIN 13

- Metric ISO thread - Coarse pitch - **Special tolerances** - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - **Sondertoleranzen** - DIN 13

- Tolleranza: **ISO3 6G**

- Scanalature elicoidali a 15° per fori ciechi

- Imbocco 2/3 filetti

- DIN 371 fino al Ø 10

- DIN 376 dal Ø 12

- Tolerance: **ISO3 6G**

- 15° spiral fluted for blind holes

- 2/3 spiral point s lead-in

- DIN 371 up to Ø 10

- DIN 376 from Ø 12

- Toleranz: **ISO3 6G**

- spiral genutet 15° für Sacklöcher

- 2/3 Gang Anschnitt

- DIN 371 bis Ø 10

- DIN 376 ab Ø 12



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T210 M2 T6G | M2 | 0,4 | 1,6 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T210 M2,5 T6G | M2,5 | 0,45 | 2,05 | 50 | 10 | 2,8 | 2,1 | ● | - | ● |
| T210 M3 T6G | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T210 M4 T6G | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | ● | - | ● |
| T210 M5 T6G | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | ● | - | ● |
| T210 M6 T6G | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T210 M8 T6G | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | ● | - | ● |
| T210 M10 T6G | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | ● | - | ● |
| T210 M12 T6G | M12 | 1,75 | 10,2 | 110 | 25 | 9,0 | 7,0 | ● | - | ● |
| T210 M14 T6G | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T210 M14 T6G

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T220

- Filettatura metrica ISO - Passo fine - DIN 13

- Metric ISO thread - Fine pitch - DIN 13

- Metrisches ISO-Regelgewinde - feine Steigung - DIN 13

- Tolleranza: ISO2 6H

- Scanalature: elicoidali a 15° per fori ciechi

- Imbocco 2/3 filetti

- DIN 374

- Tolerance: ISO2 6H

- 15° spiral fluted for blind holes

- 2/3 spiral point s lead-in

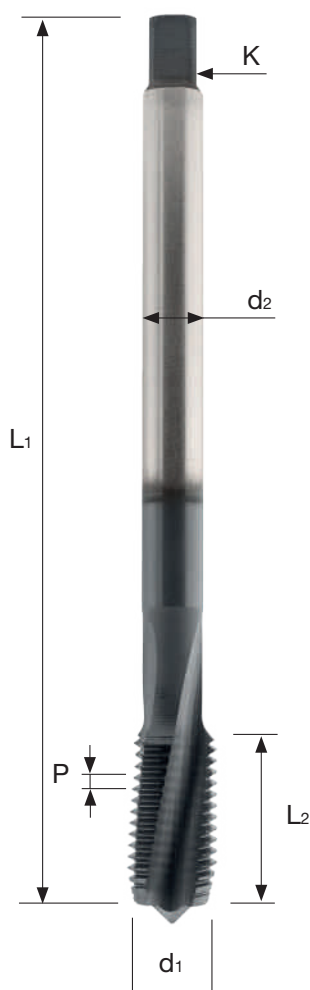
- DIN 374

- Toleranz: ISO2 6H

- spiral genutet 15° für Sacklöcher

- 2/3 Gang Anschnitt

- DIN 374



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T220 M3x0,35 | M3 | 0,35 | 2,65 | 56 | 8 | 2,2 | - | ● | - | ● |
| T220 M3,5x0,35 | M3,5 | 0,35 | 3,15 | 56 | 10 | 2,5 | 2,1 | ● | - | ● |
| T220 M4x0,5 | M4 | 0,5 | 3,5 | 63 | 10 | 2,8 | 2,1 | ● | - | ● |
| T220 M5x0,5 | M5 | 0,5 | 4,5 | 70 | 12 | 3,5 | 2,7 | ● | - | ● |
| T220 M6x0,75 | M6 | 0,75 | 5,2 | 80 | 14 | 4,5 | 3,4 | ● | - | ● |
| T220 M7x0,75 | M7 | 0,75 | 6,2 | 80 | 14 | 5,5 | 4,3 | ● | - | ● |
| T220 M8x1 | M8 | 1 | 7,0 | 90 | 16 | 6,0 | 4,9 | ● | - | ● |
| T220 M8x0,75 | M8 | 0,75 | 7,2 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T220 M9x1 | M9 | 1 | 8,0 | 90 | 16 | 7,0 | 5,5 | ● | - | ● |
| T220 M10x1,25 | M10 | 1,25 | 8,8 | 100 | 18 | 7,0 | 5,5 | ● | - | ● |
| T220 M10x1 | M10 | 1 | 9,0 | 90 | 18 | 7,0 | 5,5 | ● | - | ● |
| T220 M10x0,75 | M10 | 0,75 | 9,2 | 90 | 18 | 7,0 | 5,5 | ● | - | ● |
| T220 M11x1 | M11 | 1 | 10,0 | 90 | 20 | 8,0 | 6,2 | ● | - | ● |
| T220 M12x1,5 | M12 | 1,5 | 10,5 | 100 | 22 | 9,0 | 7,0 | ● | - | ● |
| T220 M12x1,25 | M12 | 1,25 | 10,8 | 100 | 22 | 9,0 | 7,0 | ● | - | ● |
| T220 M12x1 | M12 | 1 | 11,0 | 100 | 22 | 9,0 | 7,0 | ● | - | ● |
| T220 M14x1,5 | M14 | 1,5 | 12,5 | 100 | 22 | 11,0 | 9,0 | ● | - | ● |
| T220 M14x1,25 | M14 | 1,25 | 12,8 | 100 | 22 | 11,0 | 9,0 | ● | - | ● |
| T220 M14x1 | M14 | 1 | 13,0 | 100 | 22 | 11,0 | 9,0 | ● | - | ● |
| T220 M15x1,5 | M15 | 1,5 | 13,5 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T220 M15x1 | M15 | 1 | 14,0 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T220 M16x1,5 | M16 | 1,5 | 14,5 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T220 M16x1,25 | M16 | 1,25 | 14,8 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T220 M16x1 | M16 | 1 | 15,0 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T220 M17x1,5 | M17 | 1,5 | 15,5 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T220 M17x1 | M17 | 1 | 16,0 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T220 M18x1,5 | M18 | 1,5 | 16,5 | 110 | 25 | 14,0 | 11,0 | ● | - | ● |
| T220 M18x1 | M18 | 1 | 17,0 | 110 | 25 | 14,0 | 11,0 | ● | - | ● |
| T220 M20x2 | M20 | 2 | 18,0 | 125 | 25 | 16,0 | 12,0 | ● | - | ● |
| T220 M20x1,5 | M20 | 1,5 | 18,5 | 125 | 25 | 16,0 | 12,0 | ● | - | ● |
| T220 M20x1 | M20 | 1 | 19,0 | 125 | 25 | 16,0 | 12,0 | ● | - | ● |
| T220 M22x1,5 | M22 | 1,5 | 20,5 | 125 | 25 | 18,0 | 14,5 | ● | - | ● |
| T220 M22x1 | M22 | 1 | 21,0 | 125 | 25 | 18,0 | 14,5 | ● | - | ● |
| T220 M24x2 | M24 | 2 | 22,0 | 140 | 28 | 18,0 | 14,5 | ● | - | ● |
| T220 M24x1,5 | M24 | 1,5 | 22,5 | 140 | 25 | 18,0 | 14,5 | ● | - | ● |
| T220 M24x1 | M24 | 1 | 23,0 | 140 | 25 | 18,0 | 14,5 | ● | - | ● |
| T220 M25x2 | M25 | 2 | 23,0 | 140 | 28 | 18,0 | 14,5 | ● | - | ● |
| T220 M25x1,5 | M25 | 1,5 | 23,5 | 140 | 25 | 18,0 | 14,5 | ● | - | ● |
| T220 M25x1 | M25 | 1 | 24,0 | 140 | 25 | 18,0 | 14,5 | ● | - | ● |

T220



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|-----|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T220 M26x2 | M26 | 2 | 24,0 | 140 | 28 | 18,0 | 14,5 | ● | - | ● |
| T220 M26x1,5 | M26 | 1,5 | 24,5 | 140 | 25 | 18,0 | 14,5 | ● | - | ● |
| T220 M26x1 | M26 | 1 | 25,0 | 140 | 25 | 18,0 | 14,5 | ● | - | ● |
| T220 M27x2 | M27 | 2 | 25,0 | 140 | 28 | 20,0 | 16,0 | ● | - | ● |
| T220 M27x1,5 | M27 | 1,5 | 25,5 | 140 | 28 | 20,0 | 16,0 | ● | - | ● |
| T220 M28x2 | M28 | 2 | 26,0 | 140 | 28 | 20,0 | 16,0 | ● | - | ● |
| T220 M28x1,5 | M28 | 1,5 | 26,5 | 140 | 28 | 20,0 | 16,0 | ● | - | ● |
| T220 M30x2 | M30 | 2 | 28,0 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |
| T220 M30x1,5 | M30 | 1,5 | 28,5 | 150 | 25 | 22,0 | 18,0 | ● | - | ● |
| T220 M30x1 | M30 | 1 | 29,0 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |
| T220 M32x2 | M32 | 2 | 30,0 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |
| T220 M32x1,5 | M32 | 1,5 | 30,5 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |
| T220 M36x3 | M36 | 3 | 33,0 | 200 | 56 | 28,0 | 22,0 | ● | - | ● |
| T220 M36x2 | M36 | 2 | 34,0 | 170 | 30 | 28,0 | 22,0 | ● | - | ● |
| T220 M36x1,5 | M36 | 1,5 | 34,5 | 170 | 30 | 28,0 | 22,0 | ● | - | ● |
| T220 M39x3 | M39 | 3 | 36,0 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T220 M39x2 | M39 | 2 | 37,0 | 170 | 30 | 32,0 | 24,0 | ● | - | ● |
| T220 M40x3 | M40 | 3 | 37,0 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T220 M40x2 | M40 | 2 | 38,0 | 170 | 30 | 32,0 | 24,0 | ● | - | ● |
| T220 M40x1,5 | M40 | 1,5 | 38,5 | 170 | 30 | 32,0 | 24,0 | ● | - | ● |
| T220 M42x3 | M42 | 3 | 39,0 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T220 M42x2 | M42 | 2 | 40,0 | 170 | 30 | 32,0 | 24,0 | ● | - | ● |
| T220 M42x1,5 | M42 | 1,5 | 40,5 | 170 | 30 | 32,0 | 24,0 | ● | - | ● |
| T220 M45x3 | M45 | 3 | 42,0 | 200 | 65 | 36,0 | 29,0 | ● | - | ● |
| T220 M45x2 | M45 | 2 | 43,0 | 180 | 32 | 36,0 | 29,0 | ● | - | ● |
| T220 M45x1,5 | M45 | 1,5 | 43,5 | 180 | 32 | 36,0 | 29,0 | ● | - | ● |
| T220 M48x3 | M48 | 3 | 45,0 | 225 | 70 | 36,0 | 29,0 | ● | - | ● |
| T220 M48x2 | M48 | 2 | 46,0 | 190 | 32 | 36,0 | 29,0 | ● | - | ● |
| T220 M48x1,5 | M48 | 1,5 | 46,5 | 190 | 32 | 36,0 | 29,0 | ● | - | ● |
| T220 M50x3 | M50 | 3 | 47,0 | 250 | 70 | 40,0 | 32,0 | ● | - | - |
| T220 M52x3 | M52 | 3 | 49,0 | 250 | 70 | 40,0 | 32,0 | ● | - | - |
| T220 M52x4 | M52 | 4 | 48,0 | 250 | 70 | 40,0 | 32,0 | ● | - | - |
| T220 M56x4 | M56 | 4 | 52,0 | 260 | 70 | 45,0 | 35,0 | ● | - | - |
| T220 M60x4 | M60 | 4 | 56,0 | 280 | 70 | 45,0 | 35,0 | ● | - | - |
| T220 M64x4 | M64 | 4 | 60,0 | 260 | 70 | 45,0 | 35,0 | ● | - | - |
| T220 M68x4 | M68 | 4 | 64,0 | 260 | 70 | 45,0 | 35,0 | ● | - | - |
| T220 M72x4 | M72 | 4 | 68,0 | 280 | 70 | 50,0 | 40,0 | ● | - | - |

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T220 M72x4 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T221H

- Filettatura Metrica ISO - Passo fine - DIN 13

- Metric ISO thread - Fine pitch - DIN 13

- Metrisches ISO-Regelgewinde - feine Steigung - DIN 13

- Tolleranza: 6HX

- Scanalature elicoidali a 15° per fori ciechi

- Imbocco 2/3 filetti

- DIN 374

- Tolerance: 6 HX

- 15° spiral fluted for blind holes

- 2/3 spiral point s lead-in

- DIN 374

- Toleranz: 6HX

- spiral genutet 15° für Sacklöcher

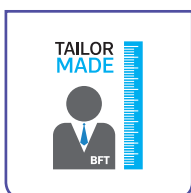
- 2/3 Gang Anschnitt

- DIN 374

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T221H M8x1 | M8 | 1 | 7,0 | 90 | 10 | 6,0 | 4,9 | - | ● |
| T221H M10x1,25 | M10 | 1,25 | 8,8 | 100 | 12 | 7,0 | 5,5 | - | ● |
| T221H M10x1 | M10 | 1 | 9,0 | 90 | 11 | 7,0 | 5,5 | - | ● |
| T221H M12x1,5 | M12 | 1,5 | 10,5 | 100 | 15 | 9,0 | 7,0 | - | ● |
| T221H M12x1,25 | M12 | 1,25 | 10,8 | 100 | 14 | 9,0 | 7,0 | - | ● |
| T221H M14x1,5 | M14 | 1,5 | 12,5 | 100 | 16 | 11,0 | 9,0 | - | ● |
| T221H M16x1,5 | M16 | 1,5 | 14,5 | 100 | 16 | 12,0 | 9,0 | - | ● |
| T221H M18x1,5 | M18 | 1,5 | 16,5 | 110 | 18 | 14,0 | 11,0 | - | ● |
| T221H M20x1,5 | M20 | 1,5 | 18,5 | 125 | 25 | 16,0 | 12,0 | - | ● |



ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

T221H M20x1,5 KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T221HW

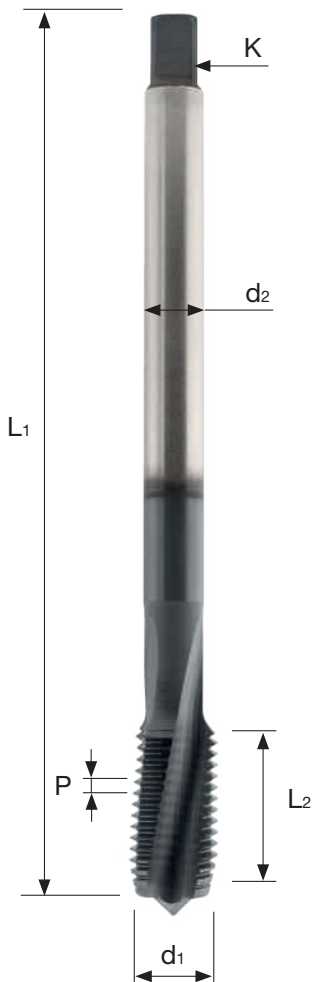
- Filettatura Metrica ISO - Passo fine - DIN 13

- Metric ISO thread - Fine pitch - DIN 13

- Metrisches ISO-Regelgewinde - feine Steigung - DIN 13

- | | | |
|---|-------------------------------------|-------------------------------------|
| - Tolleranza: ISO2 6H | - Tolerance: ISO2 6H | - Toleranz: ISO2 6H |
| - Scanalature: elicoidali a 15° per fori ciechi | - 15° spiral fluted for blind holes | - spiral genutet 15° für Sacklöcher |
| - Imbocco 2/3 filetti | - 2/3 spiral point s lead-in | - 2/3 Gang Anschnitt |
| - DIN 374 | - DIN 374 | - DIN 374 |

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP60 |
|-----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T221HW M10x1,25 | M10 | 1,25 | 8,8 | 100 | 12 | 7,0 | 5,5 | ○ | ○ |
| T221HW M12x1,5 | M12 | 1,5 | 10,5 | 100 | 15 | 9,0 | 7,0 | ○ | ○ |
| T221HW M12x1,25 | M12 | 1,25 | 10,8 | 100 | 14 | 9,0 | 7,0 | ○ | ○ |
| T221HW M14x1,5 | M14 | 1,5 | 12,5 | 100 | 16 | 11,0 | 9,0 | ○ | ○ |
| T221HW M16x1,5 | M16 | 1,5 | 14,5 | 100 | 16 | 12,0 | 9,0 | ○ | ○ |
| T221HW M18x1,5 | M18 | 1,5 | 16,5 | 110 | 18 | 14,0 | 11,0 | ○ | ○ |
| T221HW M20x1,5 | M20 | 1,5 | 18,5 | 125 | 18 | 16,0 | 12,0 | ○ | ○ |



CON FORI DI REFRIGERAZIONE

**WITH INNER COOLANT
 MIT KÜHLMITTELKANÄLEN**

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T221HW M20x1,5 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T230

- Filettatura GAS cilindrica BSP (55°) - EN ISO 228-1

- BSP British Standard Pipe thread (55°) - EN ISO 228-1

- BSP British Standard Pipe Gewinde (55°) - EN ISO 228-1

- Tolleranza: ISO5969

- Scanalature elicoidali a 15° per fori ciechi

- Imbocco 2/3 filetti

- DIN 5156

- Tolerance: ISO5969

- 15° spiral fluted for blind holes

- 2/3 spiral point s lead-in

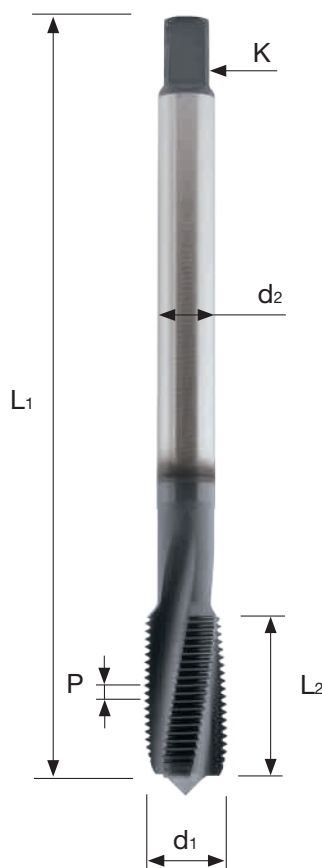
- DIN 5156

- Toleranz: ISO5969

- spiral genutet 15° für Sacklöcher

- 2/3 Gang Anschnitt

- DIN 5156



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T230 G 1/8" | G 1/8" | 28 | 8,8 | 90 | 18 | 7 | 5,5 | ● | - | ● |
| T230 G 1/4" | G 1/4" | 19 | 11,8 | 100 | 220 | 11 | 9,0 | ● | - | ● |
| T230 G 3/8" | G 3/8" | 19 | 15,25 | 100 | 22 | 12 | 9,0 | ● | - | ● |
| T230 G 1/2" | G 1/2" | 14 | 19,0 | 125 | 25 | 16 | 12,0 | ● | - | ● |
| T230 G 5/8" | G 5/8" | 14 | 21,0 | 125 | 25 | 18 | 14,5 | ● | - | ● |
| T230 G 3/4" | G 3/4" | 14 | 24,5 | 140 | 28 | 20 | 16,0 | ● | - | ● |
| T230 G 7/8" | G 7/8" | 14 | 28,25 | 150 | 28 | 22 | 18,0 | ● | - | ● |
| T230 G 1" | G 1" | 11 | 30,75 | 160 | 30 | 25 | 20,0 | ● | - | ● |
| T230 G 1-1/8" | G 1-1/8" | 11 | 35,5 | 170 | 30 | 28 | 22,0 | ● | - | ● |
| T230 G 1-1/4" | G 1-1/4" | 11 | 39,5 | 170 | 30 | 32 | 24,0 | ● | - | ● |
| T230 G 1-3/8" | G 1-3/8" | 11 | 42,0 | 170 | 32 | 36 | 29,0 | ● | - | ● |
| T230 G 1-1/2" | G 1-1/2" | 11 | 45,2 | 190 | 40 | 36 | 29,0 | ● | - | ● |
| T230 G 2" | G 2" | 11 | 57,2 | 220 | 40 | 45 | 32,0 | ● | - | ● |
| T230 G 2-1/2" | G 2-1/2" | 11 | 72,8 | 250 | 50 | 45 | 35,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

T230 G 2-1/2" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T240

- Filettatura Americana UNC - Passo grosso - ASME B1.1

- American UNC thread - Coarse pitch - ASME B1.1

- Amerikanisches UNC - Grobe Steigung - ASME B1.1

- Tolleranza: 2B

- Scanalature elicoidali a 15° per fori ciechi

- Imbocco 2/3 filetti

- DIN 2184-1

- Tolerance: 2B

- 15° spiral fluted for blind holes

- 2/3 spiral point s lead-in

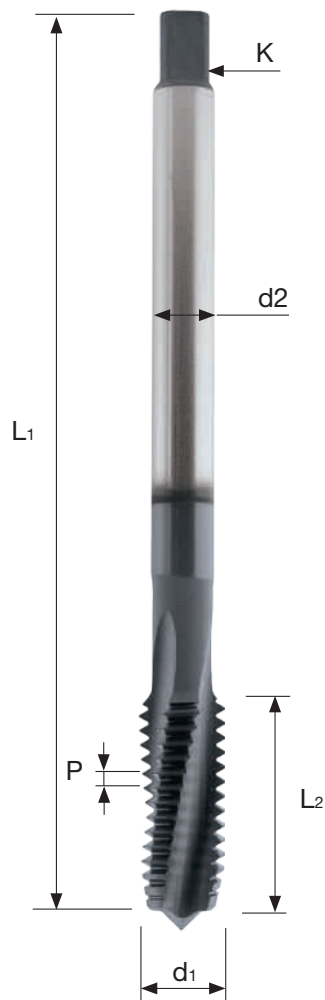
- DIN 2184-1

- Toleranz: 2B

- spiral genutet 15° für Sacklöcher

- 2/3 Gang Anschnitt

- DIN 2184-1



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|-------|--------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | D | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T240 nr 2 | nr 2 | 56 | 2,184 | 1,8 | 45 | 8 | 2,8 | 2,1 | ● | - | ● |
| T240 nr 3 | nr 3 | 48 | 2,515 | 2,1 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T240 nr 4 | nr 4 | 40 | 2,845 | 2,3 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T240 nr 5 | nr 5 | 40 | 3,175 | 2,6 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T240 nr 6 | nr 6 | 32 | 3,505 | 2,85 | 56 | 11 | 4,0 | 3,0 | ● | - | ● |
| T240 nr 8 | nr 8 | 32 | 4,166 | 3,5 | 63 | 13 | 4,5 | 3,4 | ● | - | ● |
| T240 nr 10 | nr 10 | 24 | 4,826 | 3,9 | 70 | 16 | 6,0 | 4,9 | ● | - | ● |
| T240 nr 12 | nr 12 | 24 | 5,486 | 4,5 | 70 | 16 | 6,0 | 4,9 | ● | - | ● |
| T240 1/4" | 1/4" | 20 | 6,350 | 5,2 | 80 | 17 | 7,0 | 5,5 | ● | - | ● |
| T240 5/16" | 5/16" | 18 | 7,938 | 6,6 | 90 | 18 | 6,0 | 4,9 | ● | - | ● |
| T240 3/8" | 3/8" | 16 | 9,525 | 8,0 | 100 | 22 | 7,0 | 5,5 | ● | - | ● |
| T240 7/16" | 7/16" | 14 | 11,113 | 9,4 | 100 | 24 | 8,0 | 6,2 | ● | - | ● |
| T240 1/2" | 1/2" | 13 | 12,700 | 10,75 | 110 | 26 | 9,0 | 7,0 | ● | - | ● |
| T240 9/16" | 9/16" | 12 | 14,288 | 12,25 | 110 | 28 | 11,0 | 9,0 | ● | - | ● |
| T240 5/8" | 5/8" | 11 | 15,875 | 13,5 | 110 | 28 | 12,0 | 9,0 | ● | - | ● |
| T240 3/4" | 3/4" | 10 | 19,050 | 16,5 | 125 | 32 | 14,0 | 11,0 | ● | - | ● |
| T240 7/8" | 7/8" | 9 | 22,225 | 19,5 | 140 | 36 | 18,0 | 14,5 | ● | - | ● |
| T240 1" | 1" | 8 | 25,400 | 22,25 | 160 | 36 | 18,0 | 14,5 | ● | - | ● |
| T240 1-1/8" | 1-1/8" | 7 | 28,575 | 25,0 | 180 | 40 | 22,0 | 18,0 | ● | - | ● |
| T240 1-1/4" | 1-1/4" | 7 | 31,750 | 28,25 | 180 | 40 | 22,0 | 18,0 | ● | - | ● |
| T240 1-1/2" | 1-1/2" | 6 | 38,100 | 34,0 | 200 | 50 | 28,0 | 22,0 | ● | - | ● |
| T240 1-3/4" | 1-3/4" | 5 | 44,450 | 39,5 | 220 | 63 | 36,0 | 29,0 | ● | - | ● |
| T240 2" | 2" | 4 1/2 | 50,800 | 45,25 | 250 | 70 | 40,0 | 32,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T240 2" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T250

- Filettatura Americana UNF - Passo fine - ASME B1.1

- American UNF thread - Fine pitch - ASME B1.1

- Amerikanisches UNF - feine Steigung - ASME B1.1

- Tolleranza: 2B

- Scanalature elicoidali a 15° per fori ciechi

- Imbocco 2/3 filetti

- DIN 2184-1

- Tolerance: 2B

- 15° spiral fluted for blind holes

- 2/3 spiral point s lead-in

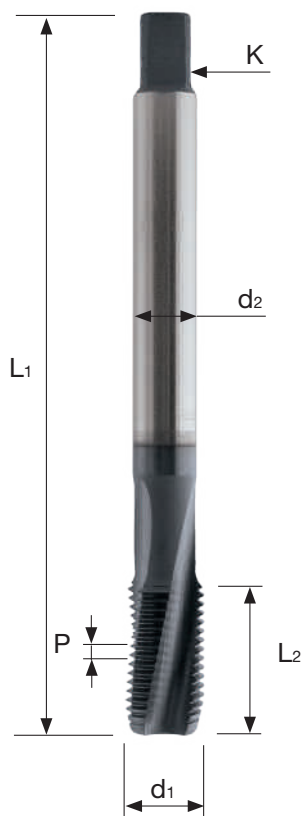
- DIN 2184-1

- Toleranz: 2B

- spiral genutet 15° für Sacklöcher

- 2/3 Gang Anschnitt

- DIN 2184-1



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|----|--------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T250 nr 2 | nr 2 | 64 | 2,184 | 1,85 | 45 | 9 | 2,8 | 2,1 | ● | - | ● |
| T250 nr 3 | nr 3 | 56 | 2,515 | 2,15 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T250 nr 4 | nr 4 | 48 | 2,845 | 2,4 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T250 nr 5 | nr 5 | 44 | 3,175 | 2,7 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T250 nr 6 | nr 6 | 40 | 3,505 | 2,95 | 56 | 11 | 4,0 | 3,0 | ● | - | ● |
| T250 nr 8 | nr 8 | 36 | 4,166 | 3,5 | 63 | 12 | 4,5 | 3,4 | ● | - | ● |
| T250 nr 10 | nr 10 | 32 | 4,826 | 4,1 | 70 | 14 | 6,0 | 4,9 | ● | - | ● |
| T250 nr 12 | nr 12 | 28 | 5,486 | 4,6 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T250 1/4" | 1/4" | 28 | 6,350 | 5,5 | 80 | 16 | 7,0 | 5,5 | ● | - | ● |
| T250 5/16" | 5/16" | 24 | 7,938 | 6,9 | 90 | 18 | 6,0 | 4,9 | ● | - | ● |
| T250 3/8" | 3/8" | 24 | 9,525 | 8,5 | 90 | 18 | 7,0 | 5,5 | ● | - | ● |
| T250 7/16" | 7/16" | 20 | 11,113 | 9,9 | 100 | 20 | 8,0 | 6,2 | ● | - | ● |
| T250 1/2" | 1/2" | 20 | 12,700 | 11,5 | 100 | 22 | 9,0 | 7,0 | ● | - | ● |
| T250 9/16" | 9/16" | 18 | 14,288 | 12,9 | 100 | 22 | 11,0 | 9,0 | ● | - | ● |
| T250 5/8" | 5/8" | 18 | 15,875 | 14,5 | 100 | 22 | 12,0 | 9,0 | ● | - | ● |
| T250 3/4" | 3/4" | 16 | 19,050 | 17,5 | 110 | 25 | 14,0 | 11,0 | ● | - | ● |
| T250 7/8" | 7/8" | 14 | 22,225 | 20,4 | 125 | 25 | 18,0 | 14,5 | ● | - | ● |
| T250 1" | 1" | 12 | 25,400 | 23,25 | 140 | 28 | 18,0 | 14,5 | ● | - | ● |
| T250 1-1/8" | 1-1/8" | 12 | 28,575 | 26,5 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |
| T250 1-1/4" | 1-1/4" | 12 | 31,750 | 29,5 | 150 | 28 | 22,0 | 18,0 | ● | - | ● |
| T250 1-1/2" | 1-1/2" | 12 | 38,100 | 36,0 | 170 | 30 | 28,0 | 22,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

T250 1-1/2" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T270

- Filettatura Conica NPT (1:16 - 60°) - ASME B1.20.1
- American Standard Taper Pipe Thread (1:16 - 60°) - ASME B1.20.1
- Konisches Rohrgewinde NPT (1:16 - 55°) BS21 - DIN EN 10226-2

- Scanalature elicoidali a 15° per fori ciechi
- 15° spiral fluted for blind holes
- spiral genutet 15° für Sacklöcher
- Imbocco 4/5 filetti
- 4/5 spiral point s lead-in
- 4/5 Gang Anschnitt



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T270 1/8" | 1/8" | 27 | 8,4 | 100 | 12 | 7 | 5,5 | ● | - | ● |
| T270 1/4" | 1/4" | 18 | 11,1 | 100 | 18 | 11 | 9,0 | ● | - | ● |
| T270 3/8" | 3/8" | 18 | 14,3 | 110 | 18 | 12 | 9,0 | ● | - | ● |
| T270 1/2" | 1/2" | 14 | 17,9 | 140 | 23 | 16 | 12,0 | ● | - | ● |
| T270 3/4" | 3/4" | 14 | 23,3 | 150 | 24 | 20 | 16,0 | ● | - | ● |
| T270 1" | 1" | 11,5 | 29,0 | 170 | 32 | 25 | 20,0 | ● | - | ● |

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T270 3/4" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T280

- Filettatura BSW Withworth BS 84

- British Standard Withworth BS 84

- British Standard Withworth-Gewinde BS 84

- | | | |
|--|-------------------------------------|------------------------------------|
| - Scanalature elicoidali a 15° per fori ciechi | - 15° spiral fluted for blind holes | - spiralgenutet 15° für Sacklöcher |
| - Imbocco 2/3 filetti | - 2/3 spiral point s lead-in | - 2/3 Gang Anschnitt |
| - DIN 2184-1 | - DIN 2184-1 | - DIN 2184-1 |



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T280 W 3/32" | W 3/32" | 48 | 1,8 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T280 W 1/8" | W 1/8" | 40 | 2,5 | 56 | 11 | 3,5 | 2,7 | ● | - | ● |
| T280 W 5/32" | W 5/32" | 32 | 3,1 | 63 | 12 | 4,5 | 3,4 | ● | - | ● |
| T280 W 3/16" | W 3/16" | 24 | 3,6 | 70 | 14 | 5,5 | 4,3 | ● | - | ● |
| T280 W 7/32" | W 7/32" | 24 | 4,4 | 80 | 15 | 6,0 | 4,9 | ● | - | ● |
| T280 W 1/4" | W 1/4" | 20 | 5,1 | 80 | 16 | 7,0 | 5,5 | ● | - | ● |
| T280 W 5/16" | W 5/16" | 18 | 6,5 | 90 | 18 | 8,0 | 6,2 | ● | - | ● |
| T280 W 3/8" | W 3/8" | 16 | 7,9 | 100 | 20 | 9,0 | 7,0 | ● | - | ● |
| T280 W 7/16" | W 7/16" | 14 | 9,3 | 100 | 22 | 8,0 | 6,2 | ● | - | ● |
| T280 W 1/2" | W 1/2" | 12 | 10,5 | 110 | 25 | 9,0 | 7,0 | ● | - | ● |
| T280 W 9/16" | W 9/16" | 12 | 12,0 | 110 | 27 | 11,0 | 9,0 | ● | - | ● |
| T280 W 5/8" | W 5/8" | 11 | 13,5 | 110 | 28 | 12,0 | 9,0 | ● | - | ● |
| T280 W 3/4" | W 3/4" | 10 | 16,5 | 125 | 32 | 14,0 | 11,0 | ● | - | ● |
| T280 W 7/8" | W 7/8" | 9 | 19,25 | 140 | 32 | 18,0 | 14,5 | ● | - | ● |
| T280 W 1" | W 1" | 8 | 22,0 | 160 | 36 | 20,0 | 16,0 | ● | - | ● |
| T280 W 1-1/8" | W 1-1/8" | 7 | 24,75 | 180 | 40 | 22,0 | 18,0 | ● | - | ● |
| T280 W 1-1/4" | W 1-1/4" | 7 | 27,75 | 180 | 40 | 25,0 | 20,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T280 W 1-1/2" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T300R

- Filettatura Metrica ISO - Passo grosso - DIN 13

- Metric ISO thread - Coarse pitch - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- Tolleranza: ISO2 6H

- Scanalature elicoidali a 40° a forte torsione per fori ciechi

- Imbocco 2/3 filetti

- DIN 371 fino al Ø 10

- DIN 376 dal Ø 12

- Tolerance: ISO2 6H

- 40° spiral fluted for blind holes

- 2/3 spiral points lead-in

- DIN 371 up to Ø 10

- DIN 376 from Ø 12

- Toleranz: ISO2 6H

- spiral genutet 40° mit starkem Drall für Sacklochgewinde

- 2/3 Gang Anschnitt

- DIN 371 bis Ø 10

- DIN 376 ab Ø 12



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T300R M2 | M2 | 0,4 | 1,6 | 45 | 6 | 2,8 | 2,1 | ● | ● | ● |
| T300R M2,5 | M2,5 | 0,45 | 2,05 | 50 | 6,5 | 2,8 | 2,1 | ● | ● | ● |
| T300R M3 | M3 | 0,5 | 2,5 | 56 | 7 | 3,5 | 2,7 | ● | ● | ● |
| T300R M4 | M4 | 0,7 | 3,3 | 63 | 8,5 | 4,5 | 3,4 | ● | ● | ● |
| T300R M5 | M5 | 0,8 | 4,2 | 70 | 10 | 6,0 | 4,9 | ● | ● | ● |
| T300R M6 | M6 | 1 | 5,0 | 80 | 12 | 6,0 | 4,9 | ● | ● | ● |
| T300R M8 | M8 | 1,25 | 6,8 | 90 | 15 | 8,0 | 6,2 | ● | ● | ● |
| T300R M10 | M10 | 1,5 | 8,5 | 100 | 17,5 | 10,0 | 8,0 | ● | ● | ● |
| T300R M12 | M12 | 1,75 | 10,2 | 110 | 18 | 9,0 | 7,0 | ● | ● | ● |
| T300R M14 | M14 | 2 | 12,0 | 110 | 20,5 | 11,0 | 9,0 | ● | ● | ● |
| T300R M16 | M16 | 2 | 14,0 | 200 | 20,5 | 12,0 | 9,0 | ● | ● | ● |
| T300R M18 | M18 | 2,5 | 15,5 | 125 | 25,5 | 14,0 | 11,0 | ● | ● | ● |
| T300R M20 | M20 | 2,5 | 17,5 | 140 | 29,5 | 16,0 | 12,0 | ● | ● | ● |
| T300R M22 | M22 | 2,5 | 19,5 | 140 | 29,5 | 18,0 | 14,5 | ● | ● | ● |
| T300R M24 | M24 | 3 | 21,0 | 160 | 35,5 | 18,0 | 14,5 | ● | ● | ● |
| T300R M27 | M27 | 3 | 24,0 | 160 | 37,5 | 20,0 | 16,0 | ● | ● | ● |
| T300R M30 | M30 | 3,5 | 26,5 | 180 | 42 | 22,0 | 18,0 | ● | ● | ● |
| T300R M33 | M33 | 3,5 | 29,5 | 180 | 43,5 | 25,0 | 20,0 | ● | - | ● |
| T300R M36 | M36 | 4 | 32,0 | 200 | 47 | 28,0 | 22,0 | ● | - | ● |
| T300R M39 | M39 | 4 | 35,0 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T300R M42 | M42 | 4,5 | 37,5 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |

RASTREMATI
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ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T300R M42 KP60

● Disponibile / In stock / vorrätig
 ○ A richiesta / On request / auf Anfrage

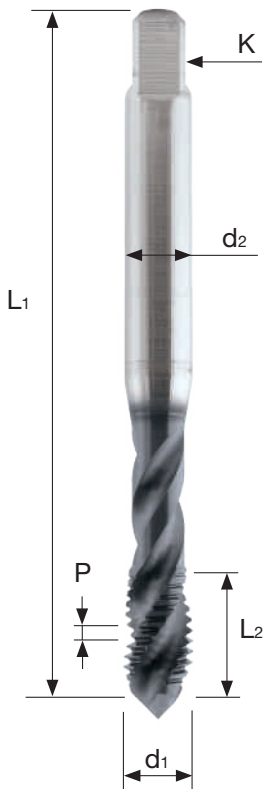
T300R+

- **Filettatura Metrica ISO - Passo grosso - MAGGIORATI - DIN 13**
 - **Metric ISO thread - Coarse pitch - OVERSIZE - DIN 13**
 - **Metrisches ISO-Regelgewinde - grobe Steigung - ÜBERGRÖSSEN - DIN 13**

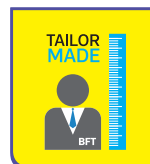
- Tolleranza: ISO2 6H
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 12

- Tolerance: ISO2 6H
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø 10
- DIN 376 from Ø 12

- Toleranz: ISO2 6H
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 371 bis Ø 10
- DIN 376 ab Ø 12



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 20 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T300R M4 +... | M4 +... | 0,7 | 3,3 | 63 | 8,5 | 4,5 | 3,4 | - | - | ● |
| T300R M5 +... | M5 +... | 0,8 | 4,2 | 70 | 10 | 6,0 | 4,9 | - | - | ● |
| T300R M6 +... | M6 +... | 1 | 5,0 | 80 | 12 | 6,0 | 4,9 | - | - | ● |
| T300R M8 +... | M8 +... | 1,25 | 6,8 | 90 | 15 | 8,0 | 6,2 | - | - | ● |
| T300R M10 +... | M10 +... | 1,5 | 8,5 | 100 | 17,5 | 10,0 | 8,0 | - | - | ● |
| T300R M12 +... | M12 +... | 1,75 | 10,2 | 110 | 18 | 9,0 | 7,0 | - | - | ● |
| T300R M14 +... | M14 +... | 2 | 12,0 | 110 | 20,5 | 11,0 | 9,0 | - | - | ● |
| T300R M16 +... | M16 +... | 2 | 14,0 | 110 | 20,5 | 12,0 | 9,0 | - | - | ● |



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ESEMPIO DI ORDINE:
Order example:
Beispiel für einen Auftrag:

T300R M16 +0,2 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T301H

- Filettatura Metrica ISO - Passo grosso - DIN 13

- Metric ISO thread - Coarse pitch - DIN 13

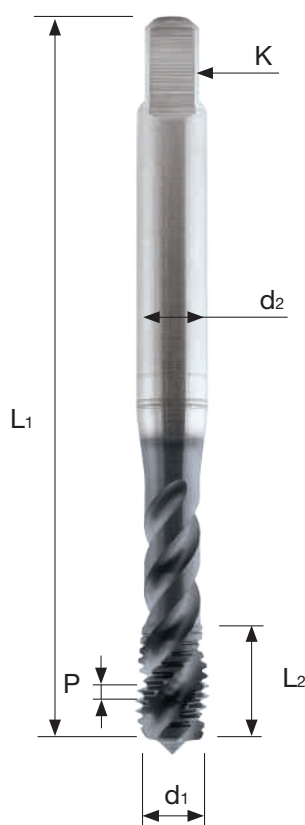
- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- Tolleranza: 6HX
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 12

- Tolerance: 6HX
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø 10
- DIN 376 from Ø 12

- Toleranz: 6HX
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 371 bis Ø 10
- DIN 376 ab Ø 12

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T301H M3 | M3 | 0,5 | 2,5 | 56 | 7 | 3,5 | 2,7 | - | ● |
| T301H M4 | M4 | 0,7 | 3,3 | 63 | 8,5 | 4,5 | 3,4 | - | ● |
| T301H M5 | M5 | 0,8 | 4,2 | 70 | 10 | 6,0 | 4,9 | - | ● |
| T301H M6 | M6 | 1 | 0,5 | 80 | 12 | 6,0 | 4,9 | - | ● |
| T301H M8 | M8 | 1,25 | 6,8 | 90 | 14 | 8,0 | 6,2 | - | ● |
| T301H M10 | M10 | 1,5 | 8,5 | 100 | 17 | 10,0 | 8,0 | - | ● |
| T301H M12 | M12 | 1,75 | 10,2 | 110 | 18 | 9,0 | 7,0 | - | ● |
| T301H M14 | M14 | 2 | 12,0 | 110 | 20,5 | 11,0 | 9,0 | - | ● |
| T301H M16 | M16 | 2 | 14,0 | 110 | 20,5 | 12,0 | 9,0 | - | ● |
| T301H M18 | M18 | 2,5 | 15,5 | 125 | 25,5 | 14,0 | 11,0 | - | ● |
| T301H M20 | M20 | 2,5 | 17,5 | 140 | 25,5 | 16,0 | 12,0 | - | ● |
| T301H M24 | M24 | 3 | 21,0 | 160 | 32 | 18,0 | 14,5 | - | ● |

**RASTREMATI
TAPERED**

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T301H M24 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T301HW

- Filettatura Metrica ISO - Passo grosso - DIN 13

- Metric ISO thread - Coarse pitch - DIN 13

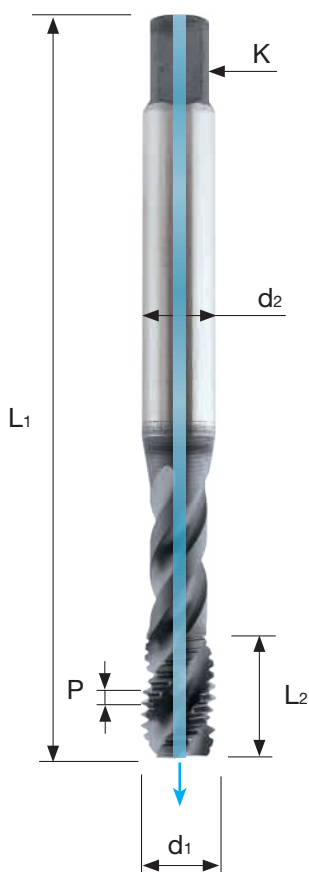
- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- Tolleranza: 6HX
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 12

- Tolerance: 6HX
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø 10
- DIN 376 from Ø 12

- Toleranz: 6HX
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 371 bis Ø 10
- DIN 376 ab Ø 12

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T301HW M5 | M5 | 0,8 | 4,2 | 70 | 10 | 6,0 | 4,9 | - | ● |
| T301HW M6 | M6 | 1 | 0,5 | 80 | 12 | 6,0 | 4,9 | - | ● |
| T301HW M8 | M8 | 1,25 | 6,8 | 90 | 14 | 8,0 | 6,2 | - | ● |
| T301HW M10 | M10 | 1,5 | 8,5 | 100 | 17 | 10,0 | 8,0 | - | ● |
| T301HW M12 | M12 | 1,75 | 10,2 | 110 | 18 | 9,0 | 7,0 | - | ● |
| T301HW M14 | M14 | 2 | 12,0 | 110 | 20,5 | 11,0 | 9,0 | - | ● |
| T301HW M16 | M16 | 2 | 14,0 | 110 | 20,5 | 12,0 | 9,0 | - | ● |



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ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T301HW M16 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T301S

- Filettatura metrica ISO - Passo grosso - **Per maschiatura sincronizzata - DIN 13**

- Metric ISO thread - Coarse pitch - **For synchronized threading - DIN 13**

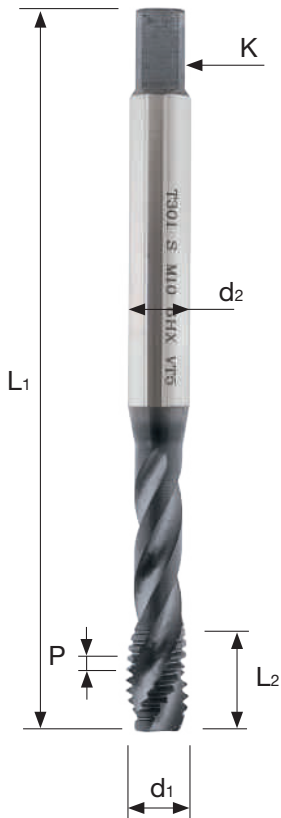
- Metrisches ISO-Regelgewinde - grobe Steigung - **für Synchrongewindebohren - DIN 13**

- Tolleranza: 6HX
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 12
- DIN 376 dal Ø 14

- Tolerance: 6HX
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø 12
- DIN 376 from Ø 14

- Toleranz: 6HX
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 371 bis Ø 12
- DIN 376 ab Ø 14

Sincro



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T301S M3 | M3 | 0,5 | 2,5 | 70 | 5,5 | 6,0 | 4,9 | - | ○ |
| T301S M4 | M4 | 0,7 | 3,3 | 70 | 7,5 | 6,0 | 4,9 | - | ○ |
| T301S M5 | M5 | 0,8 | 4,2 | 70 | 8,5 | 6,0 | 4,9 | - | ○ |
| T301S M6 | M6 | 1 | 5,0 | 80 | 10,5 | 6,0 | 4,9 | - | ○ |
| T301S M8 | M8 | 1,25 | 6,8 | 90 | 11,5 | 8,0 | 6,2 | - | ○ |
| T301S M10 | M10 | 1,5 | 8,5 | 100 | 14 | 10,0 | 8,0 | - | ○ |
| T301S M12 | M12 | 1,75 | 10,2 | 110 | 16,5 | 12,0 | 9,0 | - | ○ |
| T301S M14 | M14 | 2 | 12 | 110 | 19 | 12,0 | 9,0 | - | ○ |
| T301S M16 | M16 | 2 | 14 | 110 | 19 | 12,0 | 9,0 | - | ○ |

Gambo in tolleranza h6 per calettamento a caldo

A richiesta è possibile realizzare la versione DIN 1835B

Shank tolerance h6 for heat shrinking

On request DIN 1835B shank version

Schafttoleranz h6 für Wärmeschrumpfung

Auf Wunsch liefern wir DIN 1835B



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ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T301S M16 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T301SW

- Filettatura metrica ISO - Passo grosso - **Per maschiatura sincronizzata - DIN 13**

- Metric ISO thread - Coarse pitch - **For synchronized threading - DIN 13**

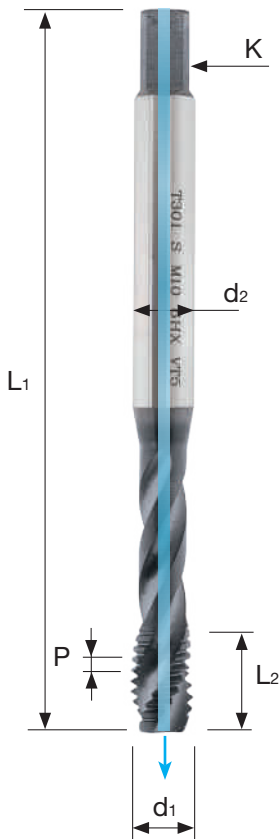
- Metrisches ISO-Regelgewinde - grobe Steigung - **für Synchrongewindebohren - DIN 13**

- Tolleranza: 6HX
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 12
- DIN 376 dal Ø 14

- Tolerance: 6HX
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø 12
- DIN 376 from Ø 14

- Toleranz: 6HX
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 371 bis Ø 12
- DIN 376 ab Ø 14

Sincro



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T301SW M5 | M5 | 0,8 | 4,2 | 70 | 8,5 | 6,0 | 4,9 | - | ● |
| T301SW M6 | M6 | 1 | 5,0 | 80 | 10,5 | 6,0 | 4,9 | - | ● |
| T301SW M8 | M8 | 1,25 | 6,8 | 90 | 11,5 | 8,0 | 6,2 | - | ● |
| T301SW M10 | M10 | 1,5 | 8,5 | 100 | 14 | 10,0 | 8,0 | - | ● |
| T301SW M12 | M12 | 1,75 | 10,2 | 110 | 16,5 | 12,0 | 9,0 | - | ● |
| T301SW M16 | M16 | 2 | 14 | 110 | 19 | 12,0 | 9,0 | - | ● |

Gambo in tolleranza h6 per calettamento a caldo

A richiesta è possibile realizzare la versione DIN 1835B

Shank tolerance h6 for heat shrinking

On request DIN 1835B shank version

Schafttoleranz h6 für Wärmeschrumpfung

Auf Wunsch liefern wir DIN 1835B



CON FORI DI REFRIGERAZIONE

**WITH INNER COOLANT
MIT KÜHLMITTELKANÄLEN**

**RASTREMATI
TAPERED**

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T301SW M16 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T304XR

- Filettatura Metrica ISO - Passo grosso - **Per acciaio INOX**
 - DIN 13

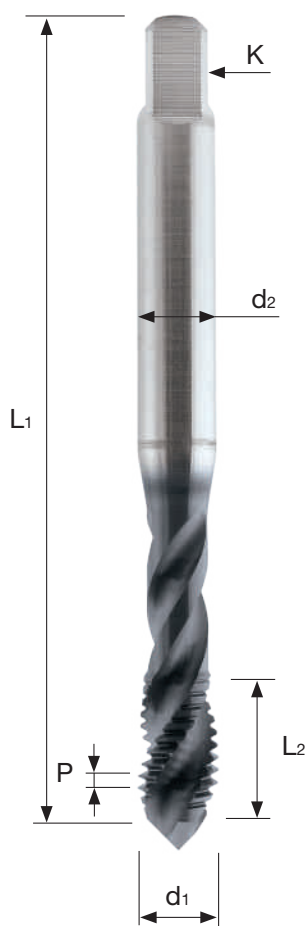
- Metric ISO thread - Coarse pitch - **For stainless steel** - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - **für INOX-Sthl** - DIN 13

- Tolleranza: 6 H
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 12

- Tolerance: 6 H
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø 10
- DIN 376 from Ø 12

- Toleranz: 6 H
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 371 bis Ø 10
- DIN 376 ab Ø 12



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T304XR M3 | M3 | 0,5 | 2,5 | 56 | 7 | 3,5 | 2,7 | ● | ● | ● |
| T304XR M4 | M4 | 0,7 | 3,3 | 63 | 8,5 | 4,5 | 3,4 | ● | ● | ● |
| T304XR M5 | M5 | 0,8 | 4,2 | 70 | 10 | 6,0 | 4,9 | ● | ● | ● |
| T304XR M6 | M6 | 1 | 5,0 | 80 | 12 | 6,0 | 4,9 | ● | ● | ● |
| T304XR M8 | M8 | 1,25 | 6,8 | 90 | 15 | 8,0 | 6,2 | ● | ● | ● |
| T304XR M10 | M10 | 1,5 | 8,5 | 100 | 17,5 | 10,0 | 8,0 | ● | ● | ● |
| T304XR M12 | M12 | 1,75 | 10,2 | 110 | 18 | 9,0 | 7,0 | ● | ● | ● |
| T304XR M14 | M14 | 2 | 12,0 | 110 | 20,5 | 11,0 | 9,0 | ● | ● | ● |
| T304XR M16 | M16 | 2 | 14,0 | 110 | 20,5 | 12,0 | 9,0 | ● | ● | ● |
| T304XR M18 | M18 | 2,5 | 15,5 | 125 | 25,5 | 14,0 | 11,0 | ● | ● | ● |
| T304XR M20 | M20 | 2,5 | 17,5 | 140 | 29,5 | 16,0 | 12,0 | ● | ● | ● |

RASTREMATI
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ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T304XR M20 HSS-E

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T305R

- Filettatura Metrica ISO - Passo grosso - **Gambo ridotto**
 - DIN 13

- Metric ISO thread - Coarse pitch - **Reduced shank** - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - **mit reduziertem Schaft** - DIN 13

- Tolleranza: ISO2 6H

- Scanalature elicoidali a 40°
 a forte torsione per fori ciechi

- Imbocco 2/3 filetti

- DIN 376

- Tolerance: ISO2 6H

- 40° spiral fluted
 for blind holes

- 2/3 spiral points lead-in

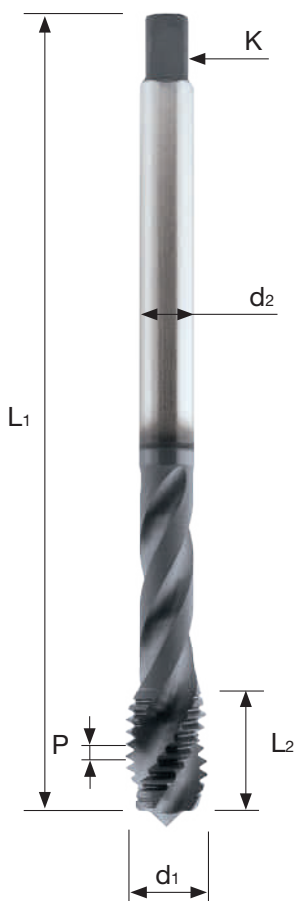
- DIN 376

- Toleranz: ISO2 6H

- spiral genutet 40° mit starkem
 Drall für Sacklochgewinde

- 2/3 Gang Anschnitt

- DIN 376



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T305R M4 | M4 | 0,7 | 3,3 | 63 | 5 | 2,8 | 2,1 | ● | - | ● |
| T305R M5 | M5 | 0,8 | 4,2 | 70 | 6,5 | 3,5 | 2,7 | ● | - | ● |
| T305R M6 | M6 | 1 | 5,0 | 80 | 7 | 4,5 | 3,4 | ● | - | ● |
| T305R M8 | M8 | 1,25 | 6,8 | 90 | 15 | 6,0 | 4,9 | ● | - | ● |
| T305R M10 | M10 | 1,5 | 8,5 | 100 | 11 | 7,0 | 5,5 | ● | - | ● |

RASTREMATI
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ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T305R M10 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T308R

- Filettatura Metrica ISO - Passo grosso - **Gambo lungo** - DIN 13
 - Metric ISO thread - Coarse pitch - **Long shank** - DIN 13
 - Metrisches ISO-Regelgewinde - grobe Steigung - **langer Schaft** - DIN 13

- | | | |
|--|--|---|
| - Tolleranza: ISO2 6H | - Tolerance: ISO2 6H | - Toleranz: ISO2 6H |
| - Scanalature elicoidali a 40° a forte torsione per fori ciechi | - 40° spiral fluted for blind holes | - spiral genutet 40° mit starkem Drall für Sacklochgewinde |
| - Imbocco 2/3 filetti | - 2/3 spiral points lead-in | - 2/3 Gang Anschnitt |



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|------------------|--------------------------------|-------------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T308R M4 | M4 | 0,7 | 3,3 | 112 | 8,5 | 4,5 | 3,4 | ● | ● | ● |
| T308R M5 | M5 | 0,8 | 4,2 | 125 | 10 | 6,0 | 4,9 | ● | ● | ● |
| T308R M6 | M6 | 1 | 5,0 | 125 | 12 | 6,0 | 4,9 | ● | ● | ● |
| T308R M8 | M8 | 1,25 | 6,8 | 140 | 15 | 8,0 | 6,2 | ● | ● | ● |
| T308R M10 | M10 | 1,5 | 8,5 | 160 | 17,5 | 10,0 | 8,0 | ● | ● | ● |
| T308R M12 | M12 | 1,75 | 10,2 | 180 | 18 | 9,0 | 7,0 | ● | ● | ● |
| T308R M16 | M16 | 2 | 14,0 | 200 | 20,5 | 12,0 | 9,0 | ● | ● | ● |
| T308R M20 | M20 | 2,5 | 17,5 | 225 | 29,5 | 16,0 | 12,0 | ● | ● | ● |

**RASTREMATI
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ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T308R M20 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T310R

- Filettatura Metrica ISO - Passo grosso - **Tolleranze speciali**
 - DIN 13

- Metric ISO thread - Coarse pitch - **Special tolerances** - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - **Sondertoleranzen** - DIN 13

- Tolleranza: **ISO14H o ISO3 6G**

- Tolerance: **ISO14H or ISO3 6G**

- Toleranz: **ISO14H oder ISO3 6G**

- Scanalature elicoidali a 40°
 a forte torsione per fori ciechi

- 40° spiral fluted
 for blind holes

- spiral genutet 40° mit stakem
 Drall für Sacklochgewinde

- imbocco 2/3 filetti

- 2/3 spiral point lead-in

- 2/3 Gang Anschnitt

- DIN 371 fino al Ø 10

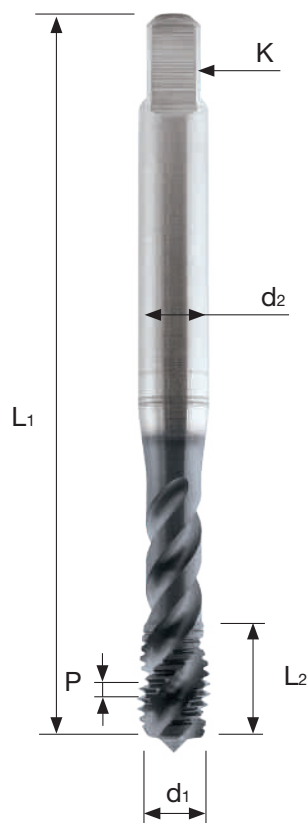
- DIN 371 up to Ø 10

- DIN 371 bis Ø 10

- DIN 376 dal Ø 12

- DIN 376 from Ø 12

- DIN 376 ab Ø 12



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T4H | | | | | | | | | | |
| T310R M2 T4H | M2 | 0,4 | 1,6 | 50 | 5 | 2,8 | 2,1 | ● | - | ● |
| T310R M2,5 T4H | M2,5 | 0,45 | 2,05 | 50 | 5 | 2,8 | 2,1 | ● | - | ● |
| T310R M3 T4H | M3 | 0,5 | 2,5 | 56 | 5 | 3,5 | 2,7 | ● | - | ● |
| T310R M4 T4H | M4 | 0,7 | 3,3 | 63 | 5 | 4,5 | 3,4 | ● | - | ● |
| T310R M5 T4H | M5 | 0,8 | 4,2 | 70 | 6,5 | 6,0 | 4,9 | ● | - | ● |
| T310R M6 T4H | M6 | 1 | 5,0 | 80 | 7 | 6,0 | 4,9 | ● | - | ● |
| T310R M8 T4H | M8 | 1,25 | 6,8 | 90 | 9 | 8,0 | 6,2 | ● | - | ● |
| T310R M10 T4H | M10 | 1,5 | 8,5 | 100 | 11 | 10,0 | 8,0 | ● | - | ● |
| T310R M12 T4H | M12 | 1,75 | 10,2 | 110 | 13 | 9,0 | 7,0 | ● | - | ● |
| T6G | | | | | | | | | | |
| T310R M2 T6G | M2 | 0,4 | 1,6 | 50 | 5 | 2,8 | 2,1 | ● | - | ● |
| T310R M2,5 T6G | M2,5 | 0,45 | 2,05 | 50 | 5 | 2,8 | 2,1 | ● | - | ● |
| T310R M3 T6G | M3 | 0,5 | 2,5 | 56 | 5 | 3,5 | 2,7 | ● | - | ● |
| T310R M4 T6G | M4 | 0,7 | 3,3 | 63 | 5 | 4,5 | 3,4 | ● | - | ● |
| T310R M5 T6G | M5 | 0,8 | 4,2 | 70 | 6,5 | 6,0 | 4,9 | ● | - | ● |
| T310R M6 T6G | M6 | 1 | 5,0 | 80 | 7 | 6,0 | 4,9 | ● | - | ● |
| T310R M8 T6G | M8 | 1,25 | 6,8 | 90 | 9 | 8,0 | 6,2 | ● | - | ● |
| T310R M10 T6G | M10 | 1,5 | 8,5 | 100 | 11 | 10,0 | 8,0 | ● | - | ● |
| T310R M12 T6G | M12 | 1,75 | 10,2 | 110 | 13 | 9,0 | 7,0 | ● | - | ● |

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ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T310R M12 T6G HSS-E

● Disponibile / In stock / vorrätig
 ○ A richiesta / On request / auf Anfrage

T320R

- Filettatura Metrica ISO - Passo fine - DIN 13

- Metric ISO thread - Fine pitch - DIN 13

- Metrisches ISO-Regelgewinde - feine Steigung - DIN 13

- Tolleranza: ISO2 6H

- Scanalature elicoidali a 40°
a forte torsione per fori ciechi

- Imbocco 2/3 filetti

- DIN 374

- Tolerance: ISO2 6H

- 40° spiral fluted
for blind holes

- 2/3 spiral points lead-in

- DIN 374

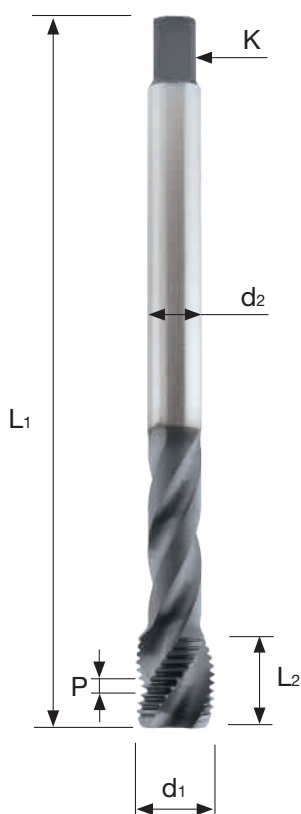
- Toleranz: ISO2 6H

- spiral genutet 40° mit starkem
Drall für Sacklochgewinde

- 2/3 Gang Anschnitt

- DIN 374

| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T320R M6x0,75 | M6 | 0,75 | 5,2 | 80 | 7,5 | 4,5 | 3,4 | ● | - | ● |
| T320R M8x1 | M8 | 1 | 7,0 | 90 | 10 | 6,0 | 4,9 | ● | - | ● |
| T320R M10x1,25 | M10 | 1,25 | 8,8 | 100 | 11,5 | 7,0 | 5,5 | ● | - | ● |
| T320R M10x1 | M10 | 1 | 9,0 | 90 | 10 | 7,0 | 5,5 | ● | - | ● |
| T320R M12x1,5 | M12 | 1,5 | 10,5 | 100 | 14 | 9,0 | 7,0 | ● | - | ● |
| T320R M12x1,25 | M12 | 1,25 | 10,8 | 100 | 13,5 | 9,0 | 7,0 | ● | - | ● |
| T320R M14x1,5 | M14 | 1,5 | 12,5 | 100 | 15,5 | 11,0 | 9,0 | ● | - | ● |
| T320R M16x1,5 | M16 | 1,5 | 14,5 | 100 | 15,5 | 12,0 | 9,0 | ● | - | ● |
| T320R M18x1,5 | M18 | 1,5 | 16,5 | 110 | 16 | 14,0 | 11,0 | ● | - | ● |
| T320R M20x1,5 | M20 | 1,5 | 18,5 | 125 | 17 | 16,0 | 12,0 | ● | - | ● |
| T320R M22x1,5 | M22 | 1,5 | 20,5 | 125 | 19 | 18,0 | 14,5 | ● | - | ● |
| T320R M24x2 | M24 | 2 | 22,0 | 140 | 26 | 18,0 | 14,5 | ● | - | ● |
| T320R M24x1,5 | M24 | 1,5 | 22,5 | 140 | 21 | 18,0 | 14,5 | ● | - | ● |
| T320R M26x1,5 | M26 | 1,5 | 24,5 | 140 | 23 | 18,0 | 14,5 | ● | - | ● |
| T320R M27x1,5 | M27 | 1,5 | 25,5 | 140 | 23 | 20,0 | 16,0 | ● | - | ● |
| T320R M27x 2 | M27 | 2 | 25,0 | 140 | 28 | 20,0 | 16,0 | ● | - | ● |
| T320R M28x1,5 | M28 | 1,5 | 26,5 | 140 | 23 | 20,0 | 16,0 | ● | - | ● |
| T320R M30x1,5 | M30 | 1,5 | 28,5 | 150 | 25 | 22,0 | 18,0 | ● | - | ● |
| T320R M32x2 | M32 | 2 | 30,0 | 150 | 29 | 22,0 | 18,0 | ● | - | ● |
| T320R M36x3 | M36 | 3 | 33,0 | 200 | 46 | 28,0 | 22,0 | ● | - | ● |
| T320R M39x3 | M39 | 3 | 36,0 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T320R M42x3 | M42 | 3 | 39,0 | 200 | 60 | 32,0 | 24,0 | ● | - | ● |
| T320R M45x3 | M45 | 3 | 42,0 | 200 | 65 | 36,0 | 29,0 | ● | - | ● |



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ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T320R M45x3 KP60

● Disponibile / In stock / vorrätig
 ○ A richiesta / On request / auf Anfrage

T321H

- Filettatura Metrica ISO - Passo fine - DIN 13

- Metric ISO thread - Fine pitch - DIN 13

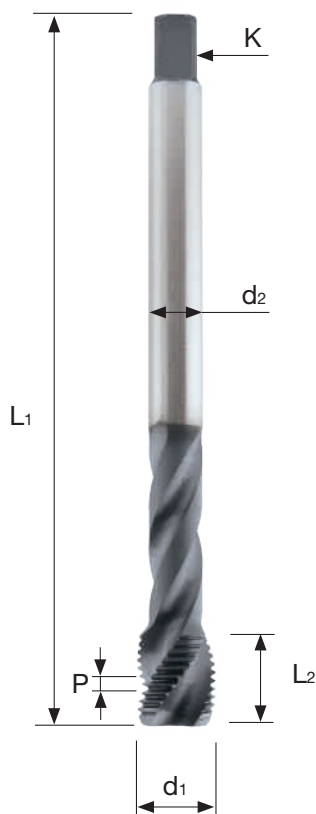
- Metrisches ISO-Regelgewinde - feine Steigung - DIN 13

- Tolleranza: 6HX
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 374

- Tolerance: 6HX
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 374

- Toleranz: 6HX
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 374

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T321H M8x1 | M8 | 1 | 7,0 | 90 | 12 | 6,0 | 4,9 | - | ○ |
| T321H M10x1,25 | M10 | 1,25 | 8,8 | 90 | 14 | 7,0 | 5,5 | - | ○ |
| T321H M10x1 | M10 | 1 | 9,0 | 90 | 12 | 7,0 | 5,5 | - | ○ |
| T321H M12x1,5 | M12 | 1,5 | 10,5 | 100 | 15 | 9,0 | 7,0 | - | ○ |
| T321H M12x1,25 | M12 | 1,25 | 10,8 | 100 | 14 | 9,0 | 7,0 | - | ○ |
| T321H M14x1,5 | M14 | 1,5 | 12,5 | 100 | 16 | 11,0 | 9,0 | - | ○ |
| T321H M16x1,5 | M16 | 1,5 | 14,5 | 100 | 16 | 12,0 | 9,0 | - | ○ |
| T321H M18x1,5 | M18 | 1,5 | 16,5 | 110 | 18 | 14,0 | 11,0 | - | ○ |
| T321H M20x1,5 | M20 | 1,5 | 18,5 | 125 | 18 | 16,0 | 12,0 | - | ○ |

**RASTREMATI
TAPERED**

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T321H M20x1,5 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T330R

- Filettatura GAS cilindrica BSP (55°) - EN ISO 228-1

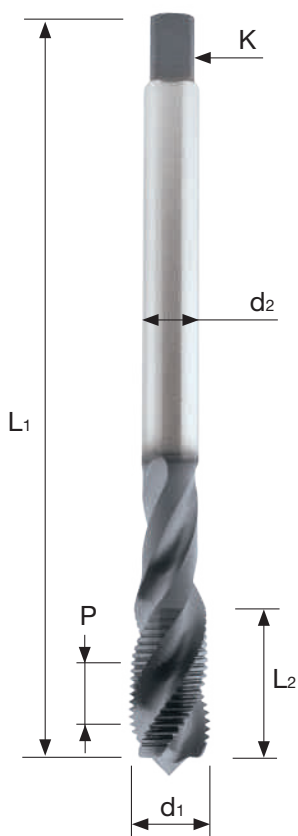
- BSP British Standard Pipe thread (55°) - EN ISO 228-1

- BSP British Standard Pipe Gewinde (55°) - EN ISO 228-1

- Tolleranza: ISO5969
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 5156

- Tolerance: ISO5969
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 5156

- Toleranz: ISO5969
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 5156



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T330R G 1/8" | G 1/8" | 28 | 8,8 | 90 | 17 | 7 | 5,5 | ● | - | ● |
| T330R G 1/4" | G 1/4" | 19 | 11,8 | 100 | 23 | 11 | 9,0 | ● | - | ● |
| T330R G 3/8" | G 3/8" | 19 | 15,25 | 100 | 23 | 12 | 9,0 | ● | - | ● |
| T330R G 1/2" | G 1/2" | 14 | 19,0 | 125 | 29 | 16 | 12,0 | ● | - | ● |
| T330R G 5/8" | G 5/8" | 14 | 21,0 | 125 | 29 | 18 | 14,5 | ● | - | ● |
| T330R G 3/4" | G 3/4" | 14 | 24,5 | 140 | 29 | 20 | 16,0 | ● | - | ● |
| T330R G 7/8" | G 7/8" | 14 | 28,25 | 150 | 32 | 22 | 18,0 | ● | - | ● |
| T330R G 1" | G 1" | 11 | 30,75 | 160 | 34,5 | 25 | 20,0 | ● | - | ● |
| T330R G 1-1/8" | G 1-1/8" | 11 | 35,5 | 170 | 34,5 | 28 | 22,0 | ● | - | ● |
| T330R G 1-1/4" | G 1-1/4" | 11 | 39,5 | 170 | 34,5 | 32 | 24,0 | ● | - | ● |

**RASTREMATI
 TAPERED**

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T330R G 1-1/4" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T331H

- Filettatura GAS cilindrica BSP (55°) - EN ISO 228-1

- BSP British Standard Pipe thread (55°) - EN ISO 228-1

- BSP British Standard Pipe Gewinde (55°) - EN ISO 228-1

- Tolleranza: ISO5969X

- Scanalature elicoidali a 40°
a forte torsione per fori ciechi

- Imbocco 2/3 filetti

- DIN 5156

- Tolerance: ISO5969X

- 40° spiral fluted
for blind holes

- 2/3 spiral points lead-in

- DIN 5156

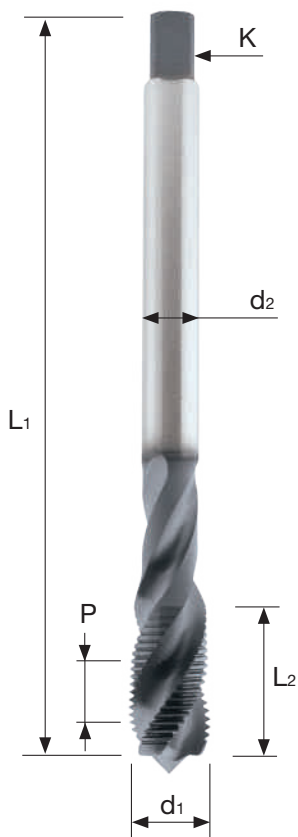
- Toleranz: ISO5969X

- spiral genutet 40° mit starkem
Drall für Sacklochgewinde

- 2/3 Gang Anschnitt

- DIN 5156

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T331H G 1/8" | G 1/8" | 28 | 8,8 | 90 | 13 | 7 | 5,5 | - | ○ |
| T331H G 1/4" | G 1/4" | 19 | 11,8 | 100 | 16 | 11 | 9,0 | - | ○ |
| T331H G 3/8" | G 3/8" | 19 | 15,25 | 100 | 16,5 | 12 | 9,0 | - | ○ |
| T331H G 1/2" | G 1/2" | 14 | 19,0 | 125 | 20,5 | 16 | 12,0 | - | ○ |
| T331H G 5/8" | G 5/8" | 14 | 21,0 | 125 | 20,5 | 18 | 14,5 | - | ○ |
| T331H G 3/4" | G 3/4" | 14 | 24,5 | 140 | 24,5 | 20 | 16,0 | - | ○ |
| T331H G 1" | G 1" | 11 | 30,75 | 160 | 25,5 | 25 | 20,0 | - | ○ |

**RASTREMATI
TAPERED**

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

T331H G 1" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T340R

- Filettatura Americana UNC - Passo grosso - ASME B1.1

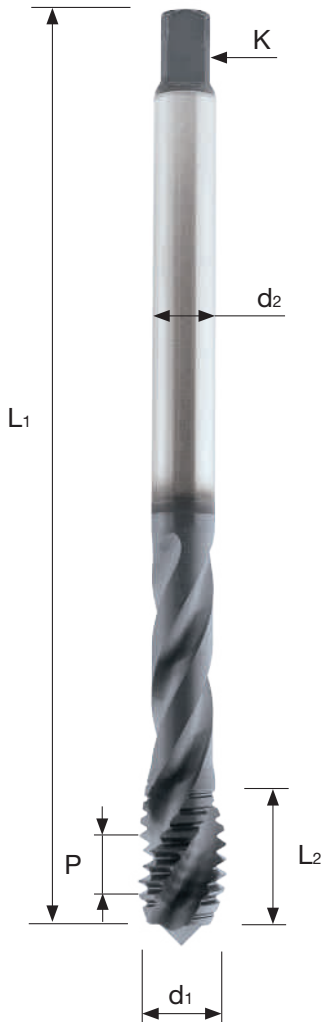
- American UNC thread - Coarse pitch - ASME B1.1

- Amerikanisches UNC - Grobe Steigung - ASME B1.1

- Tolleranza: 2B
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 2184-1

- Tolerance: 2B
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 2184-1

- Toleranz: 2B
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 2184-1



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|----|--------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | D | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T340R nr 2 | nr 2 | 56 | 2,184 | 1,8 | 45 | 6 | 2,8 | 2,1 | ● | ● | ● |
| T340R nr 3 | nr 3 | 48 | 2,515 | 2,1 | 50 | 6,5 | 2,8 | 2,1 | ● | ● | ● |
| T340R nr 4 | nr 4 | 40 | 2,845 | 2,3 | 56 | 6,5 | 3,5 | 2,7 | ● | ● | ● |
| T340R nr 5 | nr 5 | 40 | 3,175 | 2,6 | 56 | 6,5 | 3,5 | 2,7 | ● | ● | ● |
| T340R nr 6 | nr 6 | 32 | 3,505 | 2,85 | 56 | 8,5 | 4,0 | 3,0 | ● | ● | ● |
| T340R nr 8 | nr 8 | 32 | 4,166 | 3,5 | 63 | 8,5 | 4,5 | 3,4 | ● | ● | ● |
| T340R nr 10 | nr 10 | 24 | 4,826 | 3,9 | 70 | 10,5 | 6,0 | 4,9 | ● | ● | ● |
| T340R nr 12 | nr 12 | 24 | 5,486 | 4,5 | 70 | 9 | 6,0 | 4,9 | ● | ● | ● |
| T340R 1/4" | 1/4" | 20 | 6,350 | 5,2 | 80 | 11,5 | 7,0 | 5,5 | ● | ● | ● |
| T340R 5/16" | 5/16" | 18 | 7,938 | 6,6 | 90 | 13 | 6,0 | 4,9 | ● | ● | ● |
| T340R 3/8" | 3/8" | 16 | 9,525 | 8,0 | 100 | 14 | 7,0 | 5,5 | ● | ● | ● |
| T340R 7/16" | 7/16" | 14 | 11,113 | 9,4 | 100 | 17 | 8,0 | 6,2 | ● | ● | ● |
| T340R 1/2" | 1/2" | 13 | 12,700 | 10,75 | 110 | 19 | 9,0 | 7,0 | ● | ● | ● |
| T340R 9/16" | 9/16" | 12 | 14,288 | 12,25 | 110 | 21 | 11,0 | 9,0 | ● | ● | ● |
| T340R 5/8" | 5/8" | 11 | 15,875 | 13,5 | 110 | 22,5 | 12,0 | 9,0 | ● | ● | ● |
| T340R 3/4" | 3/4" | 10 | 19,050 | 16,5 | 125 | 26 | 14,0 | 11,0 | ● | ● | ● |
| T340R 7/8" | 7/8" | 9 | 22,225 | 19,5 | 140 | 30 | 18,0 | 14,5 | ● | ● | ● |
| T340R 1" | 1" | 8 | 25,400 | 22,25 | 160 | 36,5 | 18,0 | 14,5 | ● | ● | ● |
| T340R 1-1/2" | 1-1/2" | 6 | 38,100 | 34,00 | 200 | 49 | 28 | 22 | ● | - | ● |

RASTREMATI
TAPERED

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T340R 1" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T345R

- Filettatura Americana Unif. - Passo costante - **8 filetti**
 - ASME B1.1

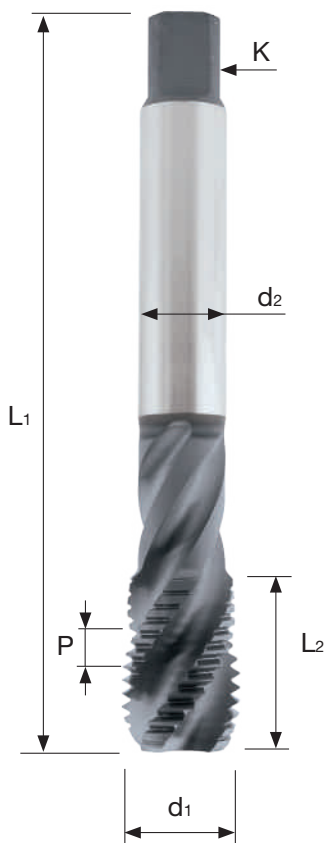
- American Standard thread - Constant pitch - **8 thread** - ASME B1.1

- Amerikanische Einheitsgewinde - mit konstanter Steigung - **8 Gewindegänge** - ASME B1.1

- Tolleranza: 2B
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 2184-1

- Tolerance: 2B
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 2184-1

- Toleranz: 2B
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 2184-1



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|---|--------|-------------------------------------|----------------|----------------|----------------|----|-------|-----|-------|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T345R 1-1/8" | 1-1/8" | 8 | 28,575 | 25,4 | 180 | 40 | 22 | 18 | ● | - | ● |
| T345R 1-1/4" | 1-1/4" | 8 | 31,750 | 28,5 | 180 | 40 | 25 | 20 | ● | - | ● |
| T345R 1-3/8" | 1-3/8" | 8 | 34,925 | 31,8 | 200 | 50 | 28 | 22 | ● | - | ● |
| T345R 1-1/2" | 1-1/2" | 8 | 38,100 | 35,0 | 200 | 50 | 32 | 24 | ● | - | ● |
| T345R 1-5/8" | 1-5/8" | 8 | 41,275 | 38,1 | 200 | 50 | 32 | 24 | ● | - | ● |
| T345R 1-3/4" | 1-3/4" | 8 | 44,450 | 41,3 | 200 | 50 | 36 | 29 | ● | - | ● |
| T345R 1-7/8" | 1-7/8" | 8 | 47,620 | 44,5 | 225 | 60 | 36 | 29 | ● | - | ● |
| T345R 2" | 2" | 8 | 50,800 | 47,7 | 225 | 60 | 40 | 32 | ● | - | ● |
| T345R 2-1/4" | 2-1/4" | 8 | 57,150 | 54,0 | 225 | 70 | 45 | 35 | ● | - | ● |
| T345R 2-1/2" | 2-1/2" | 8 | 63,500 | 60,3 | 250 | 70 | 50 | 39 | ● | - | ● |

RASTREMATI
TAPERED

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T345R 2-1/2" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T350R

- Filettatura Americana UNF - Passo fine - ASME B1.1

- American UNF thread - Fine pitch - ASME B1.1

- Amerikanisches UNF - feine Steigung - ASME B1.1

- Tolleranza: 2B

- Scanalature elicoidali a 40°
a forte torsione per fori ciechi

- Imbocco 2/3 filetti

- DIN 2184-1

- Tolerance: 2B

- 40° spiral fluted
for blind holes

- 2/3 spiral points lead-in

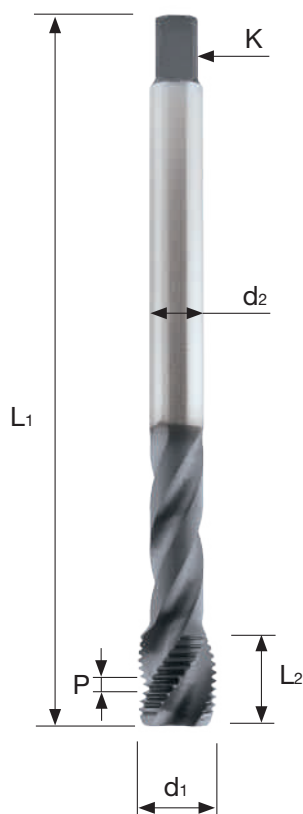
- DIN 2184-1

- Toleranz: 2B

- spiral genutet 40° mit starkem
Drall für Sacklochgewinde

- 2/3 Gang Anschnitt

- DIN 2184-1



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|----|--------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T350R nr 2 | nr 2 | 64 | 2,184 | 1,9 | 45 | 5,5 | 2,8 | 2,1 | ● | - | ● |
| T350R nr 3 | nr 3 | 56 | 2,515 | 2,1 | 50 | 6 | 2,8 | 2,1 | ● | - | ● |
| T350R nr 4 | nr 4 | 48 | 2,845 | 2,4 | 50 | 6 | 3,5 | 2,7 | ● | - | ● |
| T350R nr 5 | nr 5 | 44 | 3,175 | 2,7 | 56 | 6 | 3,5 | 2,7 | ● | - | ● |
| T350R nr 6 | nr 6 | 40 | 3,505 | 3,0 | 56 | 6,5 | 4,0 | 3,0 | ● | - | ● |
| T350R nr 8 | nr 8 | 36 | 4,166 | 3,5 | 63 | 7 | 4,5 | 3,4 | ● | - | ● |
| T350R nr 10 | nr 10 | 32 | 4,826 | 4,1 | 70 | 8 | 6,0 | 4,9 | ● | - | ● |
| T350R nr 12 | nr 12 | 28 | 5,486 | 4,7 | 70 | 9 | 6,0 | 4,9 | ● | - | ● |
| T350R 1/4" | 1/4" | 28 | 6,350 | 5,5 | 80 | 10 | 7,0 | 5,5 | ● | - | ● |
| T350R 5/16" | 5/16" | 24 | 7,938 | 6,9 | 90 | 11 | 6,0 | 4,9 | ● | - | ● |
| T350R 3/8" | 3/8" | 24 | 9,525 | 8,5 | 90 | 12 | 7,0 | 5,5 | ● | - | ● |
| T350R 7/16" | 7/16" | 20 | 11,113 | 9,9 | 100 | 13,5 | 8,0 | 6,2 | ● | - | ● |
| T350R 1/2" | 1/2" | 20 | 12,700 | 11,5 | 100 | 14,5 | 9,0 | 7,0 | ● | - | ● |
| T350R 9/16" | 9/16" | 18 | 14,288 | 12,9 | 100 | 15,5 | 11,0 | 9,0 | ● | - | ● |
| T350R 5/8" | 5/8" | 18 | 15,875 | 14,5 | 100 | 16 | 12,0 | 9,0 | ● | - | ● |
| T350R 3/4" | 3/4" | 16 | 19,050 | 17,5 | 110 | 18 | 14,0 | 11,0 | ● | - | ● |
| T350R 7/8" | 7/8" | 14 | 22,225 | 20,4 | 125 | 23,5 | 18,0 | 14,5 | ● | - | ● |
| T350R 1" | 1" | 12 | 25,400 | 23,3 | 140 | 26 | 18,0 | 14,5 | ● | - | ● |

RASTREMATI
TAPERED

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T350R 7/8" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T400

- Filettatura Metrica ISO - Passo grosso - **Per leghe leggere**
- DENTI ALTERNATI - DIN 13

- Metric ISO thread - Coarse pitch - **For light metal - ALTERNATE TEETH - DIN 13**

- Metrisches ISO-Regelgewinde - grobe Steigung - **für leichte Legierungen**

- **VERSETZTE VERZÄHNUNG - DIN 13**

- Tolleranza: ISO2 6H

- Scanalature diritte per fori ciechi e passanti

- Imbocco 2/3 filetti

- DIN 371 fino al Ø 10

- DIN 376 dal Ø 1

- Tolerance: ISO2 6H

- Straight fluted for blind and through holes

- 2/3 spiral points lead-in

- DIN 371 up to Ø 10

- DIN 376 from Ø 12

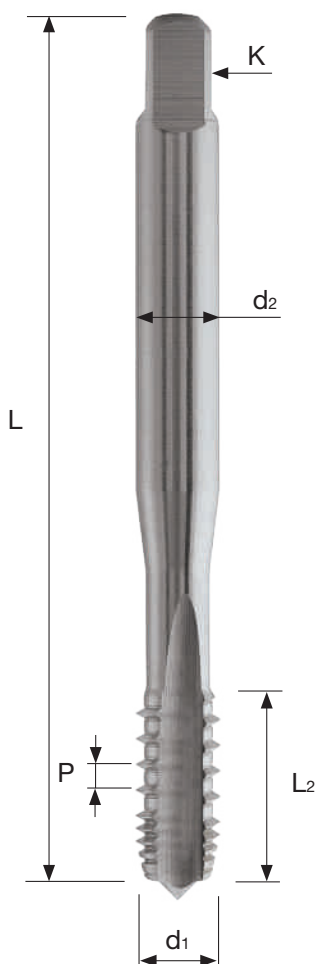
- Toleranz: ISO2 6H

- spiral genutet 40° mit starkem Drall für Sacklochgewinde

- 2/3 Gang Anschnitt

- DIN 371 bis Ø 10

- DIN 376 ab Ø 12



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T400 M3 | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T400 M4 | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | ● | - | ● |
| T400 M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | ● | - | ● |
| T400 M6 | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T400 M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | ● | - | ● |
| T400 M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | ● | - | ● |
| T400 M12 | M12 | 1,75 | 10,2 | 110 | 22 | 9,0 | 7,0 | ● | - | ● |
| T400 M14 | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | ● | - | ● |
| T400 M16 | M16 | 2 | 14,0 | 110 | 28 | 12,0 | 9,0 | ● | - | ● |
| T400 M18 | M18 | 2,5 | 15,5 | 125 | 32 | 14,0 | 11,0 | ● | - | ● |
| T400 M20 | M20 | 2,5 | 17,5 | 140 | 32 | 16,0 | 12,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

T400 M20 KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T401

- Filettatura Metrica ISO - Passo grosso - **Per leghe leggere**
- 3 eliche - DIN 13

- Metric ISO thread - Coarse pitch - **For light metal - 3 helix - DIN 13**

- Metrisches ISO-Regelgewinde - grobe Steigung - **für leichte Legierungen**
- 3 Drallwinkel - DIN 13

- Tolleranza: ISO2 6H

- Scanalature elicoidali a 40°
a forte torsione per fori ciechi

- Imbocco 2/3 filetti

- DIN 371 fino al Ø 10

- DIN 376 dal Ø 12

- Tolerance: ISO2 6H

- 40° spiral fluted
for blind holes

- 2/3 spiral points lead-in

- DIN 371 up to Ø 10

- DIN 376 from Ø 12

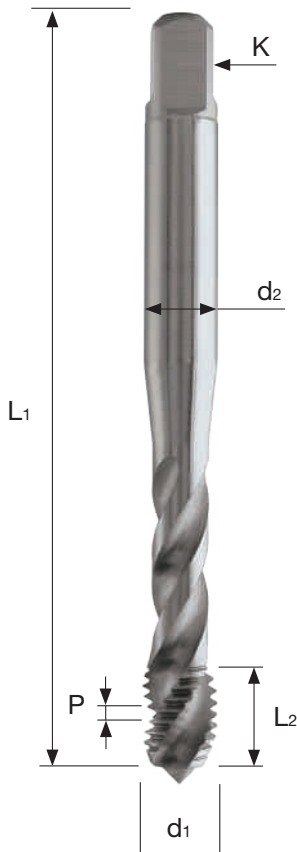
- Toleranz: ISO2 6H

- spiral genutet 40° mit starkem
Drall für Sacklochgewinde

- 2/3 Gang Anschnitt

- DIN 371 bis Ø 10

- DIN 376 ab Ø 12



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T401 M3 | M3 | 0,5 | 2,5 | 56 | 7 | 3,5 | 2,7 | ● | - | ● |
| T401 M4 | M4 | 0,7 | 3,3 | 63 | 8,5 | 4,5 | 3,4 | ● | - | ● |
| T401 M5 | M5 | 0,8 | 4,2 | 70 | 10 | 6,0 | 4,9 | ● | - | ● |
| T401 M6 | M6 | 1 | 5,0 | 80 | 12 | 6,0 | 4,9 | ● | - | ● |
| T401 M8 | M8 | 1,25 | 6,8 | 90 | 15 | 8,0 | 6,2 | ● | - | ● |
| T401 M10 | M10 | 1,5 | 8,5 | 100 | 17,5 | 10,0 | 8,0 | ● | - | ● |
| T401 M12 | M12 | 1,75 | 10,2 | 110 | 18 | 9,0 | 7,0 | ● | - | ● |
| T401 M14 | M14 | 2 | 12,0 | 110 | 20,5 | 11,0 | 9,0 | ● | - | ● |
| T401 M16 | M16 | 2 | 14,0 | 110 | 20,5 | 12,0 | 9,0 | ● | - | ● |
| T401 M18 | M18 | 2,5 | 15,5 | 125 | 25,5 | 14,0 | 11,0 | ● | - | ● |
| T401 M20 | M20 | 2,5 | 17,5 | 140 | 29,5 | 16,0 | 12,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T401 M20 KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T403

- Filettatura Metrica ISO - Passo grosso - **Per leghe leggere**
- 2 eliche - DIN 13

- Metric ISO thread - Coarse pitch - **For light metal - 2 helix - DIN 13**

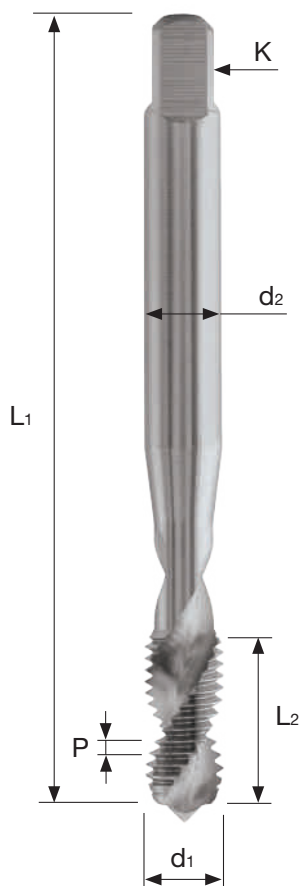
- Metrisches ISO -Regelgewinde - grobe Steigung - **für leichte Legierungen**

- **2 Drallwinkel - DIN 13**

- Tolleranza: ISO2 6H
- Scanalature elicoidali a 40° a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 11

- Tolerance: ISO2 6H
- 40° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø 10
- DIN 376 from Ø 11

- Toleranz: ISO2 6H
- spiral genutet 40° mit starkem Drall für Sacklochgewinde
- 2/3 Gang Anschnitt
- DIN 371 bis Ø 10
- DIN 376 ab Ø 11



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T403 M2 | M2 | 0,4 | 1,6 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T403 M2,2 | M2,2 | 0,45 | 1,75 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T403 M2,3 | M2,3 | 0,4 | 1,9 | 50 | 9 | 2,8 | 2,1 | ● | - | ● |
| T403 M2,5 | M2,5 | 0,45 | 2,05 | 50 | 10 | 2,8 | 2,1 | ● | - | ● |
| T403 M2,6 | M2,6 | 0,45 | 2,1 | 50 | 10 | 2,8 | 2,1 | ● | - | ● |
| T403 M3 | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | ● | - | ● |
| T403 M3,5 | M3,5 | 0,6 | 2,9 | 56 | 11 | 4,0 | 3,0 | ● | - | ● |
| T403 M4 | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | ● | - | ● |
| T403 M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | ● | - | ● |
| T403 M6 | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | ● | - | ● |
| T403 M7 | M7 | 1 | 6,0 | 80 | 16 | 7,0 | 5,5 | ● | - | ● |
| T403 M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | ● | - | ● |
| T403 M9 | M9 | 1,25 | 7,8 | 90 | 18 | 9,0 | 7,0 | ● | - | ● |
| T403 M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | ● | - | ● |
| T403 M11 | M11 | 1,5 | 9,5 | 100 | 22 | 8,0 | 6,2 | ● | - | ● |
| T403 M12 | M12 | 1,75 | 10,2 | 110 | 22 | 9,0 | 7,0 | ● | - | ● |
| T403 M14 | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | ● | - | ● |
| T403 M16 | M16 | 2 | 14,0 | 110 | 28 | 12,0 | 9,0 | ● | - | ● |
| T403 M18 | M18 | 2,5 | 15,5 | 125 | 32 | 14,0 | 11,0 | ● | - | ● |
| T403 M20 | M20 | 2,5 | 17,5 | 140 | 32 | 16,0 | 12,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T403 M20 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T501H

- Filettatura Metrica ISO - Passo grosso - DIN 13

- Metric ISO thread - Coarse pitch - DIN 13

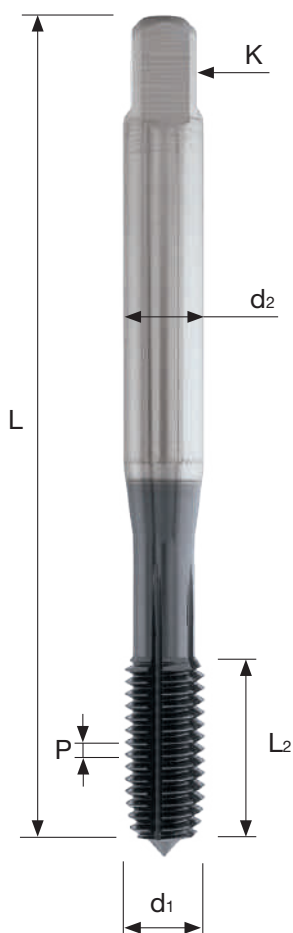
- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- Tolleranza: 6HX
- Imbocco 2/3 filetti
- DIN2174 DIN371 fino al Ø 10
- DIN2174 DIN376 dal Ø 12

- Tolerance: 6HX
- 2/3 spiral points lead-in
- DIN2174 DIN371 up to Ø 10
- DIN2174 DIN376 from Ø 12

- Toleranz: 6HX
- 2-3 Gang Anschnitt
- DIN2174 DIN371 bis Ø 10
- DIN2174 DIN376 ab Ø 12

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 61 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T501H M2 | M2 | 0,4 | 1,85 | 45 | 7 | 2,8 | 2,1 | - | ● |
| T501H M2,5 | M2,5 | 0,45 | 2,3 | 50 | 9 | 2,8 | 2,1 | - | ● |
| T501H M3 | M3 | 0,5 | 2,8 | 56 | 10 | 3,5 | 2,7 | - | ● |
| T501H M3,5 | M3,5 | 0,6 | 3,25 | 56 | 11 | 4 | 3 | - | ● |
| T501H M4 | M4 | 0,7 | 3,7 | 63 | 12 | 4,5 | 3,4 | - | ● |
| T501H M5 | M5 | 0,8 | 4,65 | 70 | 14 | 6 | 4,9 | - | ● |
| T501H M6 | M6 | 1 | 5,55 | 80 | 16 | 6 | 4,9 | - | ● |
| T501H M8 | M8 | 1,25 | 7,45 | 90 | 18 | 8 | 6,2 | - | ● |
| T501H M10 | M10 | 1,5 | 9,3 | 100 | 20 | 10 | 8 | - | ● |
| T501H M12 | M12 | 1,75 | 11,2 | 110 | 24 | 9 | 7 | - | ● |
| T501H M14 | M14 | 2 | 13,1 | 110 | 25 | 11 | 9 | - | ● |
| T501H M16 | M16 | 2 | 15,1 | 110 | 28 | 12 | 9 | - | ● |
| T501H M18 | M18 | 2,5 | 16,9 | 125 | 28 | 14 | 11 | - | ● |
| T501H M20 | M20 | 2,5 | 18,9 | 140 | 30 | 16 | 12 | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T501H M20 KP61

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T501HW

- Filettatura Metrica ISO - Passo grosso - DIN 13

- Metric ISO thread - Coarse pitch - DIN 13

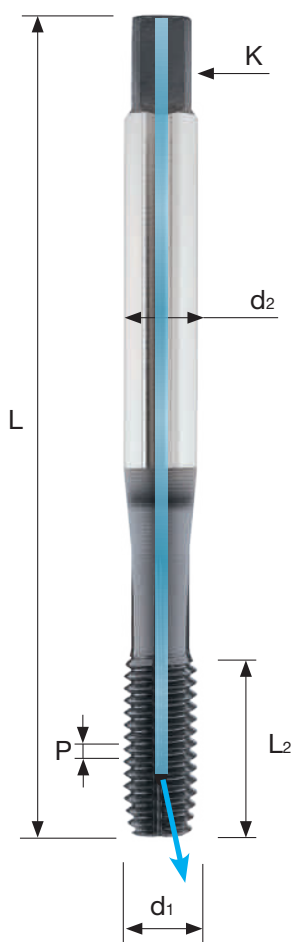
- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- Tolleranza: 6HX
- Imbocco 2/3 filetti
- DIN2174 DIN371 fino al Ø 10
- DIN2174 DIN376 dal Ø 12

- Tolerance: 6HX
- 2/3 spiral points lead-in
- DIN2174 DIN371 up to Ø 10
- DIN2174 DIN376 from Ø 12

- Toleranz: 6HX
- 2/3 Gang Anschnitt
- DIN2174 DIN371 bis Ø 10
- DIN2174 DIN376 ab Ø 12

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 61 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T501HW M5 | M5 | 0,8 | 4,65 | 70 | 14 | 6,0 | 4,9 | - | ● |
| T501HW M6 | M6 | 1 | 5,30 | 80 | 16 | 6,0 | 4,9 | - | ● |
| T501HW M8 | M8 | 1,25 | 7,45 | 90 | 18 | 8,0 | 6,2 | - | ● |
| T501HW M10 | M10 | 1,5 | 9,30 | 100 | 20 | 10,0 | 8,0 | - | ● |
| T501HW M12 | M12 | 1,75 | 11,2 | 110 | 24 | 9,0 | 7,0 | - | ● |
| T501HW M16 | M16 | 2 | 15,1 | 110 | 28 | 12,0 | 9,0 | - | ● |
| T501HW M20 | M20 | 2,5 | 18,9 | 140 | 30 | 16,0 | 12,0 | - | ● |



CON FORI DI REFRIGERAZIONE

**WITH INNER COOLANT
 MIT KÜHLMITTELKANÄLEN**

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T501HW M20 KP61

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T521H

- Filettatura metrica ISO - Passo fine - DIN 13

- Metric ISO thread - Fine pitch - DIN 13

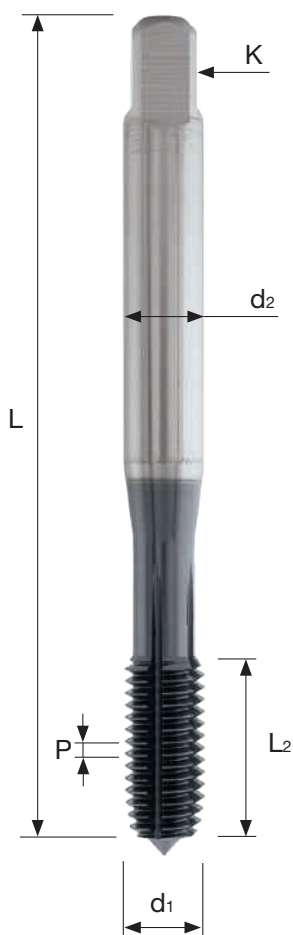
- Metrisches ISO-Regelgewinde - feine Steigung - DIN 13

- Tolleranza: 6HX
- Imbocco 2/3 filetti
- DIN2174 DIN371 fino al Ø 10
- DIN2174 DIN376 dal Ø 12

- Tolerance: 6HX
- 2/3 spiral points lead-in
- DIN2174 DIN371 up to Ø 10
- DIN2174 DIN376 from Ø 12

- Toleranz: 6HX
- 2/3 Gang Anschnitt
- DIN2174 DIN371 bis Ø 10
- DIN2174 DIN376 ab Ø 12

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 61 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T521H M4x0,5 | M4 | 0,5 | 3,8 | 63 | 12 | 4,5 | 3,4 | - | ○ |
| T521H M5x0,5 | M5 | 0,5 | 4,8 | 70 | 14 | 6 | 4,9 | - | ○ |
| T521H M6x0,75 | M6 | 0,75 | 5,65 | 80 | 16 | 6 | 4,9 | - | ○ |
| T521H M8x1 | M8 | 1 | 7,55 | 90 | 18 | 8 | 6,2 | - | ○ |
| T521H M10x1 | M10 | 1 | 9,55 | 90 | 18 | 10 | 8 | - | ○ |
| T521H M10x1,25 | M10 | 1,25 | 9,45 | 100 | 20 | 10 | 8 | - | ○ |
| T521H M12x1,25 | M12 | 1,25 | 11,45 | 100 | 22 | 9 | 7 | - | ○ |
| T521H M12x1,5 | M12 | 1,5 | 11,3 | 100 | 22 | 9 | 7 | - | ○ |
| T521H M14x1,5 | M14 | 1,5 | 13,3 | 100 | 22 | 11 | 9 | - | ○ |
| T521H M16x1,5 | M16 | 1,5 | 15,3 | 100 | 22 | 12 | 9 | - | ○ |
| T521H M18x1,5 | M18 | 1,5 | 17,3 | 110 | 22 | 14 | 11 | - | ○ |
| T521H M20x1,5 | M20 | 1,5 | 19,3 | 125 | 25 | 16 | 12 | - | ○ |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T521H M20x1,5 KP61

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T531H

- Filettatura GAS cilindrica BSP (55°) - EN ISO 228-1

- BSP British Standard Pipe thread (55°) - EN ISO 228-1

- BSP British Standard Pipe Gewinde (55°) - EN ISO 228-190

- Tolleranza: ISO5969X

- Imbocco 2/3 filetti

- DIN2189

- Tolerance: ISO5969

- 2/3 spiral points lead-in

- DIN2189

- Toleranz: ISO5969X

- 2/3 Gang Anschnitt

- DIN2189

*High
performance*



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 61 |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T531H G 1/8" | G 1/8" | 28 | 9,25 | 90 | 18 | 7 | 5,5 | - | ● |
| T531H G 1/4" | G 1/4" | 19 | 12,5 | 100 | 22 | 11 | 9,0 | - | ● |
| T531H G 3/8" | G 3/8" | 19 | 16 | 100 | 22 | 12 | 9,0 | - | ● |
| T531H G 1/2" | G 1/2" | 14 | 20 | 125 | 25 | 16 | 12,0 | - | ● |
| T531H G 3/4" | G 3/4" | 14 | 25,5 | 140 | 28 | 20 | 16,0 | - | ● |

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

T531H G 3/4" KP61

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

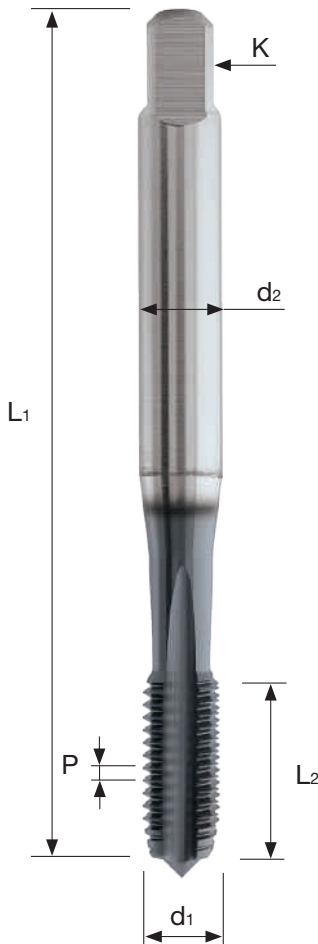
T600

- **Filettatura Metrica ISO - Passo grosso - Per ghisa - DIN 13**
 - *Metric ISO thread - Coarse pitch - For cast iron - DIN 13*
 - *Metrisches ISO-Regelgewinde - grobe Steigung - für Gusseisen - DIN 13*

- Tolleranza: 6HX
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 11

- Tolerance: 6HX
- Straight fluted for blind and through holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø1
- DIN 376 from Ø 11

- Toleranz: 6HX
- gerade genutet für Sack- und Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 371 bis Ø10
- DIN 376 ab Ø 11



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | NITR | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|------|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T600 M3 | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | ● | ● | ● |
| T600 M3,5 | M3,5 | 0,6 | 2,9 | 56 | 11 | 4,0 | 3,0 | ● | ● | ● |
| T600 M4 | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | ● | ● | ● |
| T600 M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | ● | ● | ● |
| T600 M6 | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | ● | ● | ● |
| T600 M7 | M7 | 1 | 6,0 | 80 | 16 | 7,0 | 5,5 | ● | ● | ● |
| T600 M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | ● | ● | ● |
| T600 M9 | M9 | 1,25 | 7,8 | 90 | 18 | 9,0 | 7,0 | ● | ● | ● |
| T600 M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | ● | ● | ● |
| T600 M11 | M11 | 1,5 | 9,5 | 100 | 22 | 8,0 | 6,2 | ● | ● | ● |
| T600 M12 | M12 | 1,75 | 10,2 | 110 | 25 | 9,0 | 7,0 | ● | ● | ● |
| T600 M14 | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | ● | ● | ● |
| T600 M16 | M16 | 2 | 14,0 | 110 | 28 | 12,0 | 9,0 | ● | ● | ● |
| T600 M18 | M18 | 2,5 | 15,5 | 125 | 32 | 14,0 | 11,0 | ● | ● | ● |
| T600 M20 | M20 | 2,5 | 17,5 | 140 | 32 | 16,0 | 12,0 | ● | ● | ● |
| T600 M22 | M22 | 2,5 | 19,5 | 140 | 32 | 18,0 | 14,5 | ● | ● | ● |
| T600 M24 | M24 | 3 | 21,0 | 160 | 36 | 18,0 | 14,5 | ● | ● | ● |
| T600 M27 | M27 | 3 | 24,0 | 160 | 36 | 20,0 | 16,0 | ● | ● | ● |
| T600 M30 | M30 | 3,5 | 26,5 | 180 | 40 | 22,0 | 18,0 | ● | ● | ● |
| T600 M33 | M33 | 3,5 | 29,5 | 180 | 40 | 25,0 | 20,0 | ● | ● | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T600 M33 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T601H

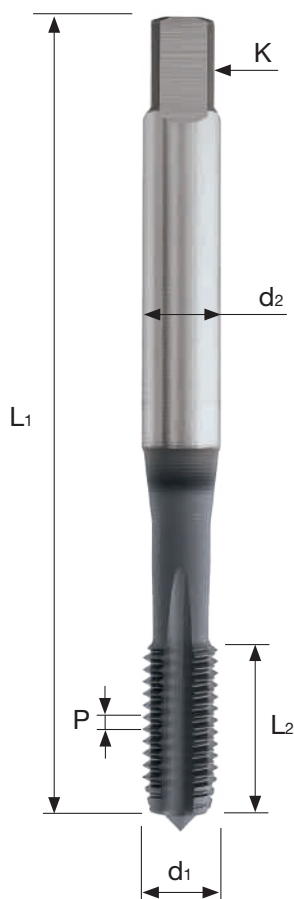
- **Filettatura Metrica ISO - Passo grosso - Per ghisa - DIN 13**
 - *Metric ISO thread - Coarse pitch - For cast iron - DIN 13*
 - *Metrisches ISO-Regelgewinde - grobe Steigung - für Gusseisen - DIN 13*

- Tolleranza: 6HX
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 11

- Tolerance: 6HX
- Straight fluted for blind and through holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø1
- DIN 376 from Ø 11

- Toleranz: 6HX
- gerade genutet für Sack- und Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 371 bis Ø10
- DIN 376 ab Ø 11

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T601H M3 | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | - | ● |
| T601H M4 | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | - | ● |
| T601H M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | - | ● |
| T601H M6 | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | - | ● |
| T601H M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | - | ● |
| T601H M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | - | ● |
| T601H M12 | M12 | 1,75 | 10,2 | 110 | 22 | 9,0 | 7,0 | - | ● |
| T601H M14 | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | - | ● |
| T601H M16 | M16 | 2 | 14,0 | 110 | 28 | 12,0 | 9,0 | - | ● |
| T601H M18 | M18 | 2,5 | 15,5 | 125 | 32 | 14,0 | 11,0 | - | ● |
| T601H M20 | M20 | 2,5 | 17,5 | 140 | 32 | 16,0 | 12,0 | - | ● |

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T601H M20 KP61

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T601HW

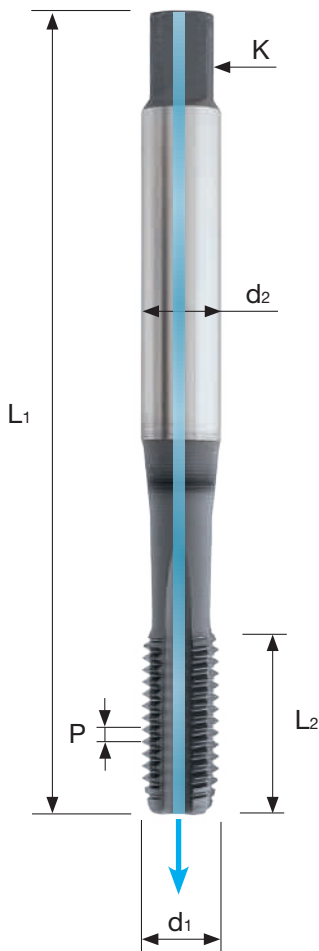
- **Filettatura Metrica ISO - Passo grosso - Per ghisa - DIN 13**
 - *Metric ISO thread - Coarse pitch - For cast iron - DIN 13*
 - *Metrisches ISO-Regelgewinde - grobe Steigung - für Gusseisen - DIN 13*

- Tolleranza: 6HX
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 11

- Tolerance: 6HX
- Straight fluted for blind and through holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø1
- DIN 376 from Ø 11

- Toleranz: 6HX
- gerade genutet für Sack- und Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 371 bis Ø10
- DIN 376 ab Ø 11

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T601HW M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6 | 4,9 | - | ● |
| T601HW M6 | M6 | 1 | 5,0 | 80 | 16 | 6 | 4,9 | - | ● |
| T601HW M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8 | 6,2 | - | ● |
| T601HW M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10 | 8,0 | - | ● |
| T601HW M12 | M12 | 1,75 | 10,2 | 110 | 25 | 9 | 7,0 | - | ● |
| T601HW M14 | M14 | 2 | 12,0 | 110 | 25 | 11 | 9,0 | - | ● |
| T601HW M16 | M16 | 2 | 14,0 | 110 | 28 | 12 | 9,0 | - | ● |
| T601HW M18 | M18 | 2,5 | 15,5 | 125 | 32 | 14 | 11,0 | - | ● |
| T601HW M20 | M20 | 2,5 | 17,5 | 140 | 32 | 16 | 12,0 | - | ● |



CON FORI DI REFRIGERAZIONE

**WITH INNER COOLANT
 MIT KÜHLMITTELKANÄLEN**

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T601HW M20 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T601S

- **Filettatura Metrica ISO - Passo grosso - Per ghisa**
- Per maschiatura sincronizzata - DIN 13

- *Metric ISO thread - Coarse pitch - For cast iron - For synchronized threading - DIN 13*
 - *Metrisches ISO-Regelgewinde - grobe Steigung - für Gusseisen*
 - *für Synchrongewindebohren - DIN 13*

- Tolleranza: 6HX
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 11

- Tolerance: 6HX
- Straight fluted for blind and through holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø10
- DIN 376 from Ø 11

- Toleranz: 6HX
- gerade genutet für Sack- und Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 371 bis Ø10
- DIN 376 ab Ø 11

Sincro



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T601S M3 | M3 | 0,5 | 2,5 | 70 | 5 | 6,0 | 4,9 | - | ○ |
| T601S M4 | M4 | 0,7 | 3,3 | 70 | 7 | 6,0 | 4,9 | - | ○ |
| T601S M5 | M5 | 0,8 | 4,2 | 70 | 8 | 6,0 | 4,9 | - | ○ |
| T601S M6 | M6 | 1 | 5,0 | 80 | 10 | 6,0 | 4,9 | - | ○ |
| T601S M8 | M8 | 1,25 | 6,8 | 90 | 11 | 8,0 | 6,2 | - | ○ |
| T601S M10 | M10 | 1,5 | 8,5 | 100 | 13 | 10,0 | 8,0 | - | ○ |
| T601S M12 | M12 | 1,75 | 10,2 | 110 | 16 | 12,0 | 9,0 | - | ○ |
| T601S M16 | M16 | 2 | 14 | 110 | 18 | 12,0 | 9,0 | - | ○ |

Gambo in tolleranza h6 per calettamento a caldo

A richiesta è possibile realizzare la versione DIN 1835B

Shank tolerance h6 for heat shrinking

On request DIN 1835B shank version

Schafttoleranz h6 für Wärmeschrumpfung

Auf Wunsch liefern wir DIN 1835B



ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T601S M16 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T601SW

- Filettatura Metrica ISO - Passo grosso - **Per ghisa**
- Per maschiatura sincronizzata - DIN 13

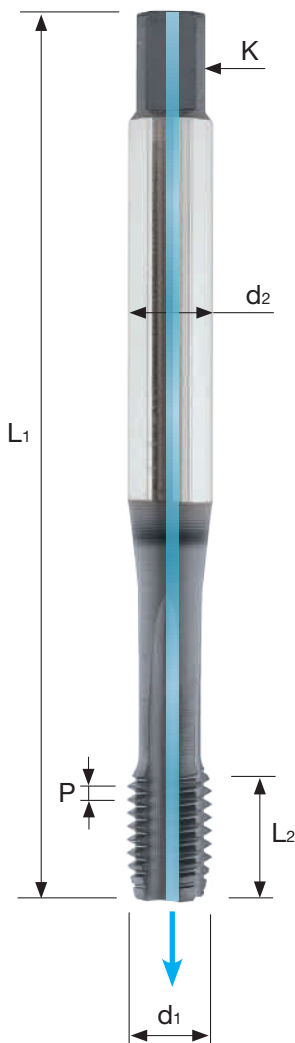
- Metric ISO thread - Coarse pitch - **For cast iron** - **For synchronized threading** - DIN 13
 - Metrisches ISO-Regelgewinde - grobe Steigung - **für Gusseisen**
- für Synchrongewindebohren - DIN 13

- Tolleranza: 6HX
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 12
- DIN 376 dal Ø 14

- Tolerance: 6HX
- Straight fluted for blind and through holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø12
- DIN 376 from Ø 14

- Toleranz: 6HX
- gerade genutet für Sack- und Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 371 bis Ø12
- DIN 376 ab Ø 14

Sincro



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT5 | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T601SW M5 | M5 | 0,8 | 4,2 | 70 | 8 | 6,0 | 4,9 | - | ○ |
| T601SW M6 | M6 | 1 | 5,0 | 80 | 10 | 6,0 | 4,9 | - | ○ |
| T601SW M8 | M8 | 1,25 | 6,8 | 90 | 11 | 8,0 | 6,2 | - | ○ |
| T601SW M10 | M10 | 1,5 | 8,5 | 100 | 13 | 10,0 | 8,0 | - | ○ |
| T601SW M12 | M12 | 1,75 | 10,2 | 110 | 16 | 12,0 | 9,0 | - | ○ |
| T601SW M16 | M16 | 2 | 14 | 110 | 18 | 12,0 | 9,0 | - | ○ |

Gambo in tolleranza h6 per calettamento a caldo

A richiesta è possibile realizzare la versione DIN 1835B

Shank tolerance h6 for heat shrinking

On request DIN 1835B shank version

Schafttoleranz h6 für Wärmeschrumpfung

Auf Wunsch liefern wir DIN 1835B



CON FORI DI REFRIGERAZIONE

**WITH INNER COOLANT
MIT KÜHLMITTELKANÄLEN**

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T601SW M16 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

MASCHI A MACCHINA
MACHINE TAPS
MASCHINENGEWINDEBOHRER

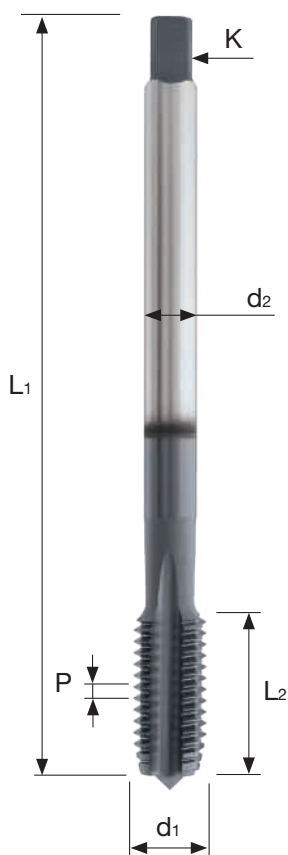
T605

- Filettatura Metrica ISO - Passo grosso - **Per ghisa**
- **Gambo ridotto** - DIN 13
- Metric ISO thread - Coarse pitch - **For cast iron** - **Reduced shank** - DIN 13
- Metrisches ISO-Regelgewinde - grobe Steigung - **für Gusseisen mit reduziertem Schaft** - DIN 13

- Tolleranza: 6HX
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 376

- Tolerance: 6HX
- Straight fluted for blind and through holes
- 2/3 spiral points lead-in
- DIN 376

- Toleranz: 6HX
- gerade genutet für Sack- und Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 376



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | NITR | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-------|------|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T605 M4 | M4 | 0,7 | 3,3 | 63 | 12 | 2,8 | 2,1 | ● | ● | ● |
| T605 M5 | M5 | 0,8 | 4,2 | 70 | 14 | 3,5 | 2,7 | ● | ● | ● |
| T605 M6 | M6 | 1 | 5,0 | 80 | 16 | 4,5 | 3,4 | ● | ● | ● |
| T605 M8 | M8 | 1,25 | 6,8 | 90 | 18 | 6,0 | 4,9 | ● | ● | ● |
| T605 M10 | M10 | 1,5 | 8,5 | 100 | 20 | 7,0 | 5,5 | ● | ● | ● |

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T605 M10 NITR

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T605

MASCHIE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

T609

**- Filettatura Metrica ISO - Passo grosso - Imbocco corto
 forma E - 1/1,5 filetti - Per ghisa - DIN 13**

- Metric ISO thread - Coarse pitch - E-shape short lead-in - 1/1,5 spiral points

- For cast iron - DIN 13

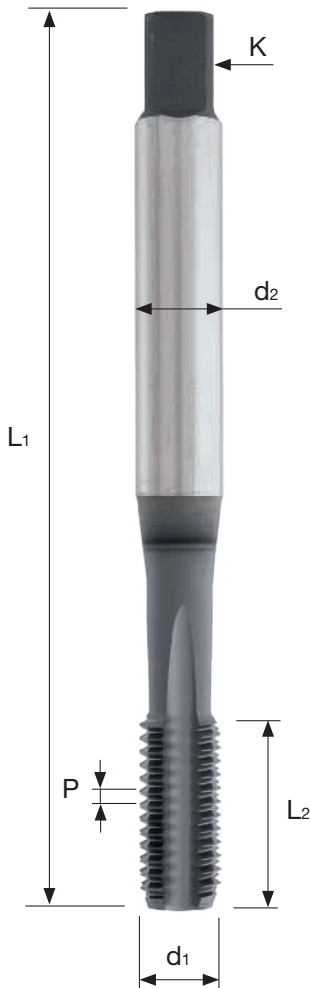
- Metrisches ISO-Regelgewinde - grobe Steigung - kurzer Anschnitt Form E

- 1-1,5 Gang Anschnitt - für Gusseisen - DIN 13

- Tolleranza: 6HX
- Scanalature diritte per fori ciechi e passanti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 12

- Tolerance: 6HX
- Straight fluted for blind and through holes
- DIN 371 up to Ø1
- DIN 376 from Ø 12

- Toleranz: 6HX
- gerade genutet für Sack- und Durchgangsbohrungen
- DIN 371 bis Ø10
- DIN 376 ab Ø 12



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | NITR | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|-----|-------|------|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T609 M3 | M3 | 0,5 | 2,5 | 56 | 10 | 3,5 | 2,7 | ● | ● | ● |
| T609 M4 | M4 | 0,7 | 3,3 | 63 | 12 | 4,5 | 3,4 | ● | ● | ● |
| T609 M5 | M5 | 0,8 | 4,2 | 70 | 14 | 6,0 | 4,9 | ● | ● | ● |
| T609 M6 | M6 | 1 | 5,0 | 80 | 16 | 6,0 | 4,9 | ● | ● | ● |
| T609 M7 | M7 | 1 | 6,0 | 80 | 16 | 7,0 | 5,5 | ● | ● | ● |
| T609 M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | ● | ● | ● |
| T609 M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | ● | ● | ● |
| T609 M12 | M12 | 1,75 | 10,2 | 110 | 25 | 9,0 | 7,0 | ● | ● | ● |
| T609 M14 | M14 | 2 | 12,0 | 110 | 25 | 11,0 | 9,0 | ● | ● | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T609 M14 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

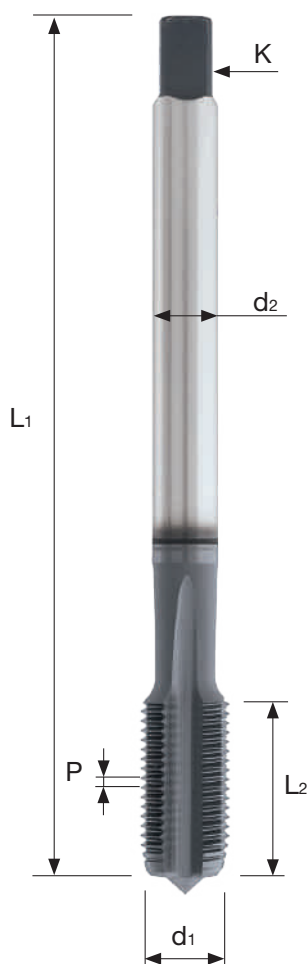
T620

- **Filettatura Metrica ISO - Passo fine - Per ghisa - DIN 13**
- *Metric ISO thread - Fine pitch - For cast iron - DIN 13*
- *Metrisches ISO-Regelgewinde - feine Steigung - für Gusseisen - DIN 13*

- Tolleranza: 6HX
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 374

- Tolerance: 6HX
- Straight fluted for blind and through holes
- 2/3 spiral points lead-in
- DIN 374

- Toleranz: 6HX
- gerade genutet für Sack- und Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 374



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | NITR | KP 60 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|------|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T620 M4x0,5 | M4 | 0,5 | 3,5 | 63 | 10 | 2,8 | 2,1 | ● | ● | ● |
| T620 M5x0,5 | M5 | 0,5 | 4,5 | 70 | 12 | 3,5 | 2,7 | ● | ● | ● |
| T620 M6x0,75 | M6 | 0,75 | 5,2 | 80 | 14 | 4,5 | 3,4 | ● | ● | ● |
| T620 M8x1 | M8 | 1 | 7,0 | 90 | 16 | 6,0 | 4,9 | ● | ● | ● |
| T620 M8x0,75 | M8 | 0,75 | 7,2 | 80 | 16 | 6,0 | 4,9 | ● | ● | ● |
| T620 M9x1 | M9 | 1 | 8,0 | 90 | 16 | 7,0 | 5,5 | ● | ● | ● |
| T620 M10x1,25 | M10 | 1,25 | 8,8 | 100 | 18 | 7,0 | 5,5 | ● | ● | ● |
| T620 M10x1 | M10 | 1 | 9,0 | 90 | 18 | 7,0 | 5,5 | ● | ● | ● |
| T620 M10x0,75 | M10 | 0,75 | 9,2 | 90 | 18 | 7,0 | 5,5 | ● | ● | ● |
| T620 M11x1 | M11 | 1 | 10,0 | 90 | 20 | 8,0 | 6,2 | ● | ● | ● |
| T620 M12x1,5 | M12 | 1,5 | 10,5 | 100 | 22 | 9,0 | 7,0 | ● | ● | ● |
| T620 M12x1,25 | M12 | 1,25 | 10,8 | 100 | 22 | 9,0 | 7,0 | ● | ● | ● |
| T620 M12x1 | M12 | 1 | 11,0 | 100 | 22 | 9,0 | 7,0 | ● | ● | ● |
| T620 M14x1,5 | M14 | 1,5 | 12,5 | 100 | 22 | 11,0 | 9,0 | ● | ● | ● |
| T620 M14x1,25 | M14 | 1,25 | 12,8 | 100 | 22 | 11,0 | 9,0 | ● | ● | ● |
| T620 M14x1 | M14 | 1 | 13,0 | 100 | 22 | 11,0 | 9,0 | ● | ● | ● |
| T620 M15x1 | M15 | 1 | 14,0 | 100 | 22 | 12,0 | 9,0 | ● | ● | ● |
| T620 M16x1,5 | M16 | 1,5 | 14,5 | 100 | 22 | 12,0 | 9,0 | ● | ● | ● |
| T620 M16x1 | M16 | 1 | 15,0 | 100 | 22 | 12,0 | 9,0 | ● | ● | ● |
| T620 M18x1,5 | M18 | 1,5 | 16,5 | 110 | 25 | 14,0 | 11,0 | ● | ● | ● |
| T620 M20x1,5 | M20 | 1,5 | 18,5 | 125 | 25 | 16,0 | 12,0 | ● | ● | ● |
| T620 M22x1,5 | M22 | 1,5 | 20,5 | 125 | 25 | 18,0 | 14,5 | ● | ● | ● |
| T620 M24x2 | M24 | 2 | 22,0 | 140 | 28 | 18,0 | 14,5 | ● | ● | ● |
| T620 M24x1,5 | M24 | 1,5 | 22,5 | 140 | 25 | 18,0 | 14,5 | ● | ● | ● |
| T620 M27x2 | M27 | 2 | 25,0 | 140 | 28 | 20,0 | 16,0 | ● | ● | ● |
| T620 M27x1,5 | M27 | 1,5 | 25,5 | 140 | 28 | 20,0 | 16,0 | ● | ● | ● |
| T620 M30x2 | M30 | 2 | 28,0 | 150 | 28 | 22,0 | 16,0 | ● | ● | ● |
| T620 M30x1,5 | M30 | 1,5 | 28,5 | 150 | 28 | 22,0 | 16,0 | ● | ● | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T620 M30x1,5 NITR

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T630

- Filettatura GAS cilindrica BSP (55°) - Per ghisa - EN ISO 228

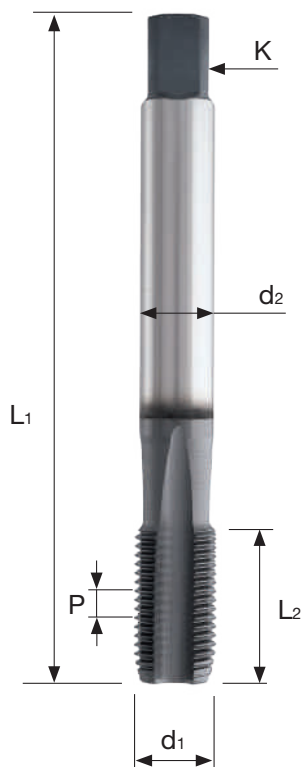
- BSP British Standard Pipe thread (55°) - For cast iron - EN ISO 228

- BSP British Standard Pipe-Gewinde (55°) - für Gusseisen - EN ISO 228

- Tolleranza: ISO5969X
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 5156

- Tolerance: ISO5969
- Straight fluted for blind and through holes
- 2/3 spiral points lead-in
- DIN 5156

- Toleranz: ISO5969
- gerade genutet für Sack- und Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 5156



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | NITR | KP 60 |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-------|------|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T630 G 1/8" | G 1/8" | 28 | 8,8 | 90 | 16 | 7 | 5,5 | ● | ● | ● |
| T630 G 1/4" | G 1/4" | 19 | 11,8 | 100 | 20 | 11 | 9,0 | ● | ● | ● |
| T630 G 3/8" | G 3/8" | 19 | 15,25 | 100 | 22 | 12 | 9,0 | ● | ● | ● |
| T630 G 1/2" | G 1/2" | 14 | 19,0 | 125 | 25 | 16 | 12,0 | ● | ● | ● |
| T630 G 5/8" | G 5/8" | 14 | 21,0 | 125 | 25 | 18 | 14,5 | ● | ● | ● |
| T630 G 3/4" | G 3/4" | 14 | 24,5 | 140 | 28 | 20 | 16,0 | ● | ● | ● |
| T630 G 7/8" | G 7/8" | 14 | 28,25 | 150 | 28 | 22 | 18,0 | ● | ● | ● |
| T630 G 1" | G 1" | 11 | 30,75 | 160 | 36 | 25 | 20,0 | ● | ● | ● |
| T630 G 1-1/8" | G 1-1/8" | 11 | 35,5 | 170 | 36 | 28 | 22,0 | ● | ● | ● |
| T630 G 1-1/4" | G 1-1/4" | 11 | 39,5 | 170 | 40 | 32 | 24,0 | ● | ● | ● |
| T630 G 1-3/8" | G 1-3/8" | 11 | 42,0 | 190 | 40 | 36 | 29,0 | ● | ● | ● |
| T630 G 1-1/2" | G 1-1/2" | 11 | 45,2 | 190 | 40 | 36 | 29,0 | ● | ● | ● |
| T630 G 2" | G 2" | 11 | 57,2 | 225 | 50 | 40 | 32,0 | ● | ● | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T630 G 1-1/2" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T639

- Filettatura GAS cilindrica BSP (55°) - **Imbocco corto forma E**
- 1/1,5 filetti - Per ghisa - EN ISO 228

- BSP British Standard Pipe thread (55°) - *For cast iron - E-shape short lead-in*
- 1/1,5 spiral points

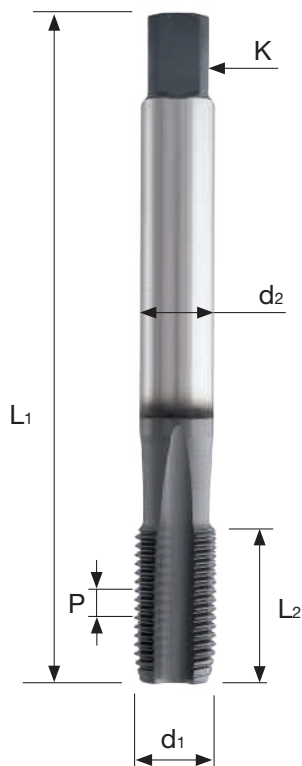
- BSP British Standard Pipe-Gewinde (55°) kurzer Anschnitt Form E

- 1-1,5 Gang Anschnitt - für Gusseisen - 1EN ISO 228

- Tolleranza: ISO5969X
 - Scanalature diritte
 per fori ciechi e passanti
 - DIN 5156

- Tolerance: ISO5969
 - Straight fluted for blind and
 through holes
 - DIN 5156

- Toleranz: ISO5969
 - gerade genutet für Sack- und
 Durchgangsbohrungen
 - DIN 5156



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E | NITR | KP 60 |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-------|------|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T639 G 1/8" | G 1/8" | 28 | 8,8 | 90 | 16 | 7 | 5,5 | - | - | ● |
| T639 G 1/4" | G 1/4" | 19 | 11,8 | 100 | 20 | 11 | 9,0 | - | - | ● |
| T639 G 3/8" | G 3/8" | 19 | 15,25 | 100 | 22 | 12 | 9,0 | - | - | ● |
| T639 G 1/2" | G 1/2" | 14 | 19,0 | 125 | 25 | 16 | 12,0 | - | - | ● |
| T639 G 5/8" | G 5/8" | 14 | 21,0 | 125 | 25 | 18 | 14,5 | - | - | ● |
| T639 G 3/4" | G 3/4" | 14 | 24,5 | 140 | 28 | 20 | 16,0 | - | - | ● |
| T639 G 1" | G 1" | 11 | 30,75 | 160 | 36 | 25 | 20,0 | - | - | ○ |

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T639 G 1" KP60

● Disponibile/ In stock/vorrätig
 ○ A richiesta/ On request/auf Anfrage

T640

- Filettatura Americana UNC - Passo grosso - **Per ghisa**
 - ASME B1.1

- American UNC thread - Coarse pitch - **For cast iron** - ASME B1.1

- Amerikanisches UNC - grobe Steigung - **für Gusseisen** - ASME B1.1

- Tolleranza: 2B

- Tolerance: 2B

- Toleranz: 2B

- Scanalature diritte per fori ciechi e passanti

- Straight fluted for blind and through holes

- gerade genutet für Sack- und Durchgangsbohrungen

- Imbocco 2/3 filetti

- 2/3 spiral points lead-in

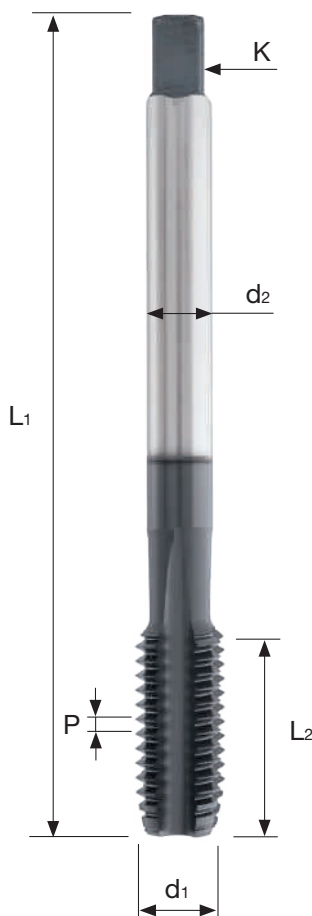
- 2/3 Gang Anschnitt

- DIN 2184-1

- DIN 2184-1

- DIN 2184-1

| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | NITR | KP 60 |
|----------------|--------------------------------|----|--------|-------------------------------------|----------------|----------------|----------------|------|-------|------|-------|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T640 nr 2 | nr 2 | 56 | 2,184 | 1,8 | 45 | 10 | 2,8 | 2,1 | ● | ● | ● |
| T640 nr 3 | nr 3 | 48 | 2,515 | 2,1 | 50 | 11 | 2,8 | 2,1 | ● | ● | ● |
| T640 nr 4 | nr 4 | 40 | 2,845 | 2,3 | 56 | 12 | 3,5 | 2,7 | ● | ● | ● |
| T640 nr 5 | nr 5 | 40 | 3,175 | 2,6 | 56 | 12 | 3,5 | 2,7 | ● | ● | ● |
| T640 nr 6 | nr 6 | 32 | 3,505 | 2,85 | 56 | 14 | 4,0 | 3,0 | ● | ● | ● |
| T640 nr 8 | nr 8 | 32 | 4,166 | 3,5 | 63 | 14 | 4,5 | 3,4 | ● | ● | ● |
| T640 nr 10 | nr 10 | 24 | 4,826 | 3,9 | 70 | 16 | 6,0 | 4,9 | ● | ● | ● |
| T640 nr 12 | nr 12 | 24 | 5,486 | 4,5 | 70 | 16 | 6,0 | 4,9 | ● | ● | ● |
| T640 1/4" | 1/4" | 20 | 6,350 | 5,2 | 80 | 18 | 4,5 | 3,4 | ● | ● | ● |
| T640 5/16" | 5/16" | 18 | 7,938 | 6,6 | 90 | 20 | 6,0 | 4,9 | ● | ● | ● |
| T640 3/8" | 3/8" | 16 | 9,525 | 8,0 | 100 | 22 | 7,0 | 5,5 | ● | ● | ● |
| T640 7/16" | 7/16" | 14 | 11,113 | 9,4 | 110 | 24 | 8,0 | 6,2 | ● | ● | ● |
| T640 1/2" | 1/2" | 13 | 12,700 | 10,75 | 110 | 26 | 9,0 | 7,0 | ● | ● | ● |
| T640 9/16" | 9/16" | 12 | 14,288 | 12,25 | 110 | 28 | 11,0 | 9,0 | ● | ● | ● |
| T640 5/8" | 5/8" | 11 | 15,875 | 13,5 | 110 | 30 | 12,0 | 9,0 | ● | ● | ● |
| T640 3/4" | 3/4" | 10 | 19,050 | 16,5 | 125 | 32 | 14,0 | 11,0 | ● | ● | ● |
| T640 7/8" | 7/8" | 9 | 22,225 | 19,5 | 140 | 32 | 18,0 | 14,5 | ● | ● | ● |
| T640 1" | 1" | 8 | 25,400 | 22,25 | 160 | 36 | 20,0 | 16,0 | ● | ● | ● |
| T640 1-1/8" | 1-1/8" | 7 | 28,575 | 25,0 | 180 | 40 | 22,0 | 18,0 | ● | ● | ● |
| T640 1-1/4" | 1-1/4" | 7 | 31,750 | 28,25 | 180 | 40 | 25,0 | 20,0 | ● | ● | ● |
| T640 1-1/2" | 1-1/2" | 6 | 38,100 | 34,0 | 200 | 50 | 32,0 | 24,0 | ● | ● | ● |



ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T640 1-1/2" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T650

- Americana UNF - Passo fine - **Per ghisa** - ASME B1.1

- American UNF thread - Fine pitch - **For cast iron** - ASME B1.1

- Amerikanisches UNF - feine Steigung - **für Gusseisen** - ASME B1.1

- Tolleranza: 2B
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 2184-1

- Tolerance: 2B
- Straight fluted for blind and through holes
- 2/3 spiral points lead-in
- DIN 2184-1

- Toleranz: 2B
- gerade genutet für Sack- und Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 2184-1



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | NITR | KP 60 |
|----------------|--------------------------------|----|--------|-------------------------------------|----------------|----------------|----------------|------|-------|------|-------|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T650 nr 2 | nr 2 | 64 | 2,184 | 1,9 | 45 | 9 | 2,8 | 2,1 | ● | ● | ● |
| T650 nr 3 | nr 3 | 56 | 2,515 | 2,1 | 50 | 9 | 2,8 | 2,1 | ● | ● | ● |
| T650 nr 4 | nr 4 | 48 | 2,845 | 2,4 | 56 | 11 | 3,5 | 2,7 | ● | ● | ● |
| T650 nr 5 | nr 5 | 44 | 3,175 | 2,7 | 56 | 11 | 3,5 | 2,7 | ● | ● | ● |
| T650 nr 6 | nr 6 | 40 | 3,505 | 3,0 | 56 | 12 | 4,0 | 3,0 | ● | ● | ● |
| T650 nr 8 | nr 8 | 36 | 4,166 | 3,5 | 63 | 12 | 4,5 | 3,4 | ● | ● | ● |
| T650 nr 10 | nr 10 | 32 | 4,826 | 4,1 | 70 | 14 | 6,0 | 4,9 | ● | ● | ● |
| T650 nr 12 | nr 12 | 28 | 5,486 | 4,7 | 80 | 16 | 6,0 | 4,9 | ● | ● | ● |
| T650 1/4" | 1/4" | 28 | 6,350 | 5,5 | 80 | 16 | 7,0 | 5,5 | ● | ● | ● |
| T650 5/16" | 5/16" | 24 | 7,938 | 6,9 | 90 | 18 | 6,0 | 4,9 | ● | ● | ● |
| T650 3/8" | 3/8" | 24 | 9,525 | 8,5 | 90 | 18 | 7,0 | 5,5 | ● | ● | ● |
| T650 7/16" | 7/16" | 20 | 11,113 | 9,9 | 100 | 20 | 8,0 | 6,2 | ● | ● | ● |
| T650 1/2" | 1/2" | 20 | 12,700 | 11,5 | 100 | 22 | 9,0 | 7,0 | ● | ● | ● |
| T650 9/16" | 9/16" | 18 | 14,288 | 12,9 | 100 | 22 | 11,0 | 9,0 | ● | ● | ● |
| T650 5/8" | 5/8" | 18 | 15,875 | 14,5 | 100 | 22 | 12,0 | 9,0 | ● | ● | ● |
| T650 3/4" | 3/4" | 16 | 19,050 | 17,5 | 110 | 25 | 14,0 | 11,0 | ● | ● | ● |
| T650 7/8" | 7/8" | 14 | 22,225 | 20,4 | 125 | 25 | 18,0 | 14,5 | ● | ● | ● |
| T650 1" | 1" | 12 | 25,400 | 23,3 | 140 | 28 | 18,0 | 14,5 | ● | ● | ● |
| T650 1-1/8" | 1-1/8" | 12 | 28,575 | 26,5 | 150 | 28 | 22,0 | 18,0 | ● | ● | ● |
| T650 1-1/4" | 1-1/4" | 12 | 31,750 | 29,5 | 150 | 28 | 22,0 | 18,0 | ● | ● | ● |
| T650 1-1/2" | 1-1/2" | 12 | 38,100 | 36,0 | 170 | 30 | 28,0 | 22,0 | ● | ● | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T650 1-1/2" KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T700

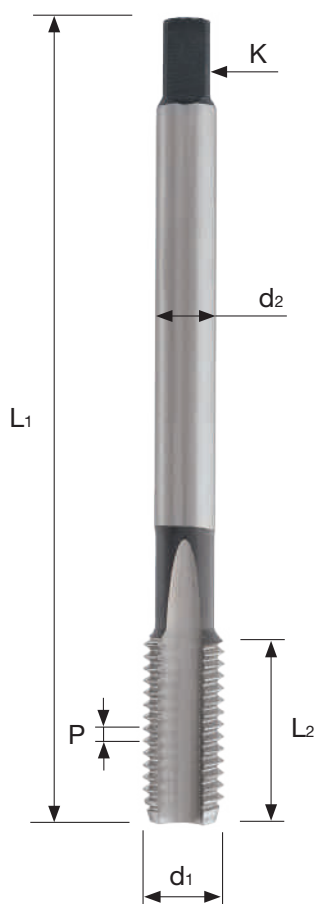
- Filettatura Metrica ISO - Passo grosso - **Per filetti riportati**
 - ISO DIN 8140 parte 2

- Metric ISO thread - Coarse pitch - **For wire thread inserts** - ISO DIN 8140 part 2
 - Metrisches ISO-Regelgewinde - grobe Steigung - **für Drahtgewindeeinsätze**
 - ISO DIN 8140 part 2

- Tolleranza: 6H MOD
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 40435

- Tolerance: 6H MOD
- Straight fluted for blind and through holes
- 2/3 spiral points lead-in
- DIN 40435

- Toleranz: 6H MOD
- gerade genutet für Sack- und Durchgangsbohrungen
- 2/3 Gang Anschnitt
- DIN 40435



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS-E | VAP | KP 60 |
|----------------|--------------------------------|------|-------|-------------------------------------|----------------|----------------|----------------|------|-------|-----|-------|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | | |
| T700 M4 | M4 | 0,7 | 4,91 | 4,2 | 70 | 14 | 6 | 4,9 | ● | - | ● |
| T700 M5 | M5 | 0,8 | 6,04 | 5,25 | 80 | 16 | 6 | 4,9 | ● | - | ● |
| T700 M6 | M6 | 1 | 7,30 | 6,3 | 90 | 18 | 8 | 6,2 | ● | - | ● |
| T700 M8 | M8 | 1,25 | 9,62 | 8,4 | 100 | 20 | 10 | 8,0 | ● | - | ● |
| T700 M10 | M10 | 1,5 | 11,94 | 10,4 | 100 | 22 | 9 | 7,0 | ● | - | ● |
| T700 M12 | M12 | 1,75 | 14,27 | 12,5 | 110 | 25 | 11 | 9,0 | ● | - | ● |
| T700 M14 | M14 | 2 | 16,59 | 14,5 | 110 | 28 | 12 | 9,0 | ● | - | ● |
| T700 M16 | M16 | 2 | 18,59 | 16,5 | 125 | 28 | 14 | 11,0 | ● | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T700 M16 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T801H

- Filettatura Metrica ISO - Passo grosso - Per materiali con **R=1300-1800 N/mm² - DIN 13**

- Metric ISO thread - Coarse pitch - For materials with **R=1300-1800 N/mm² - DIN 13**

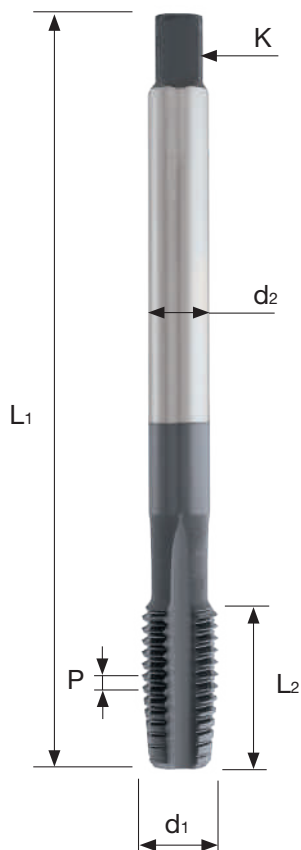
- Metrisches ISO-Regelgewinde - grobe Steigung - für Materialien mit **R=1300-1800 N/mm² - DIN 13**

- Tolleranza: ISO2 6H
- Scanalature diritte per fori ciechi e passanti
- Imbocco 5/6 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 12

- Tolerance: ISO2 6H
- Straight fluted for blind and through holes
- 5/6 spiral points lead-in
- DIN 371 up to Ø 10
- DIN 376 from Ø 12

- Toleranz: ISO2 6H
- gerade genutet für Sack- und Durchgangsbohrungen
- 5/6 Gang Anschnitt
- DIN 371 bis Ø 10
- DIN 376 ab Ø 12

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | KP 61 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | |
| T801H M4 | M4 | 0,7 | 3,4 | 63 | 12 | 4,5 | 3,4 | ● |
| T801H M5 | M5 | 0,8 | 4,3 | 70 | 14 | 6,0 | 4,9 | ● |
| T801H M6 | M6 | 1 | 5,1 | 80 | 16 | 6,0 | 4,9 | ● |
| T801H M8 | M8 | 1,25 | 6,9 | 90 | 18 | 8,0 | 6,2 | ● |
| T801H M10 | M10 | 1,5 | 8,6 | 100 | 20 | 10,0 | 8,0 | ● |
| T801H M12 | M12 | 1,75 | 10,4 | 110 | 24 | 9,0 | 7,0 | ● |
| T801H M14 | M14 | 2 | 12,2 | 110 | 25 | 11,0 | 9,0 | ● |
| T801H M16 | M16 | 2 | 14,2 | 110 | 28 | 12,0 | 9,0 | ● |
| T801H M20 | M20 | 2,5 | 17,7 | 140 | 32 | 16,0 | 12,0 | ● |



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ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T801H M20 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T8201

- Filettatura Metrica ISO - Passo grosso - Per bronzo d'alluminio
 - DIN 13

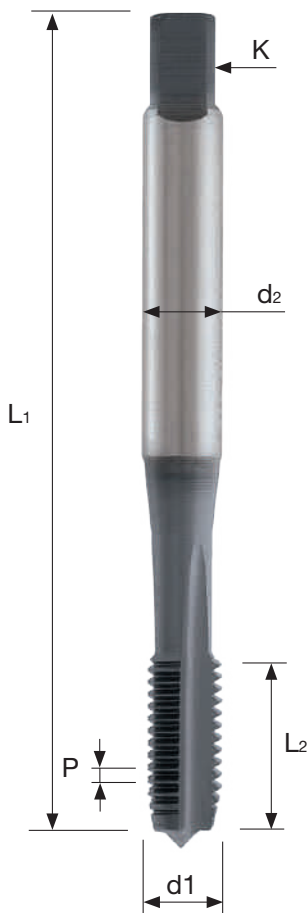
- Metric ISO thread - Coarse pitch - For aluminum bronze - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - für Aluminiumbronze - DIN 13

- Tolleranza: 6 H
- Scanalature diritte per fori ciechi e passanti
- Imbocco 4/5 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 11

- Tolerance: 6H
- Straight fluted for blind and through holes
- 4/5 spiral points lead-in
- DIN 371 up to Ø 10
- DIN 376 from Ø 11

- Toleranz: 6H
- gerade genutet für Sack- und Durchgangsbohrungen
- 4/5 Gang Anschnitt
- DIN 371 bis Ø 10
- DIN 376 ab Ø 11



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | VT3 | KP 30 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T8201 M8 | M8 | 1,25 | 6,8 | 90 | 18 | 8,0 | 6,2 | - | ● |
| T8201 M10 | M10 | 1,5 | 8,5 | 100 | 20 | 10,0 | 8,0 | - | ● |
| T8201 M12 | M12 | 1,75 | 10,2 | 110 | 22 | 9,0 | 7,0 | - | ● |
| T8201 M14 | M14 | 2 | 12 | 110 | 25 | 11,0 | 9,0 | - | ● |
| T8201 M16 | M16 | 2 | 14 | 110 | 28 | 12,0 | 9,0 | - | ● |
| T8201 M18 | M18 | 2,5 | 15,5 | 125 | 32 | 14,0 | 11,0 | - | ● |
| T8201 M20 | M20 | 2,5 | 17,5 | 140 | 32 | 16,0 | 12,0 | - | ● |
| T8201 M22 | M22 | 2,5 | 19,5 | 140 | 32 | 18,0 | 14,5 | - | ● |
| T8201 M24 | M24 | 3 | 21 | 160 | 36 | 18,0 | 14,5 | - | ● |
| T8201 M27 | M27 | 3 | 24 | 160 | 36 | 20,0 | 16,0 | - | ● |
| T8201 M30 | M30 | 3,5 | 26,5 | 180 | 40 | 22,0 | 18,0 | - | ● |
| T8201 M33 | M33 | 3,5 | 29,5 | 180 | 40 | 25,0 | 20,0 | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T8201 M33 KP30

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T8241

- Filettatura Americana UNC - Passo grosso - **Per bronzo d'alluminio - ASME B1.1**

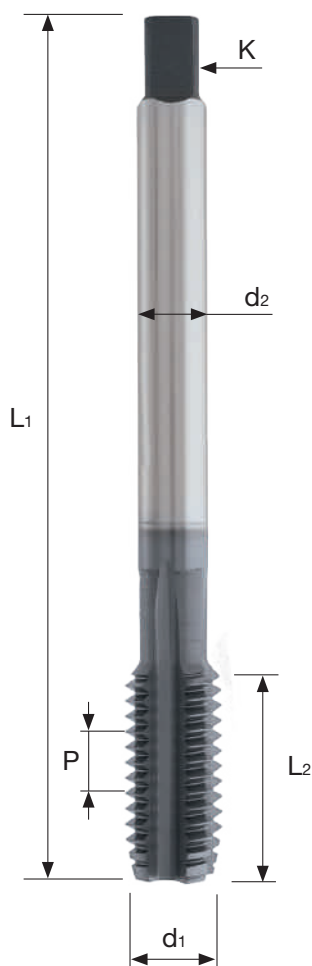
- American UNC thread - Coarse pitch - **For aluminum bronze - ASME B1.1**

- Amerikanisches UNC - grobe Steigung - **für Aluminiumbronze - ASME B1.1**

- Tolleranza: 2B
- Scanalature diritte per fori ciechi e passanti
- Imbocco 4/5 filetti
- DIN 2184-1

- Tolerance: 2B
- Straight fluted for blind and through holes
- 4/5 spiral points lead-in
- DIN 2184-1

- Toleranz: 2B
- gerade genutet für Sack- und Durchgangsbohrungen
- 4/5 Gang Anschnitt
- DIN 2184-1



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | VT3 | KP 30 |
|----------------|--------------------------------|----|--------|-------------------------------------|----------------|----------------|----------------|------|-----|-------|
| | d ₁ | P | D | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T8241 7/16" | 7/16" | 14 | 11,113 | 9,4 | 110 | 24 | 8,0 | 6,2 | - | ● |
| T8241 1/2" | 1/2" | 13 | 12,700 | 10,75 | 110 | 26 | 9,0 | 7,0 | - | ● |
| T8241 5/8" | 5/8" | 11 | 15,875 | 13,5 | 110 | 30 | 12,0 | 9,0 | - | ● |
| T8241 3/4" | 3/4" | 10 | 19,050 | 16,5 | 125 | 32 | 14,0 | 11,0 | - | ● |
| T8241 7/8" | 7/8" | 9 | 22,225 | 19,5 | 140 | 32 | 18,0 | 14,5 | - | ● |
| T8241 1" | 1" | 8 | 25,400 | 22,25 | 160 | 36 | 20,0 | 16,0 | - | ● |

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T8241 1" KP30

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

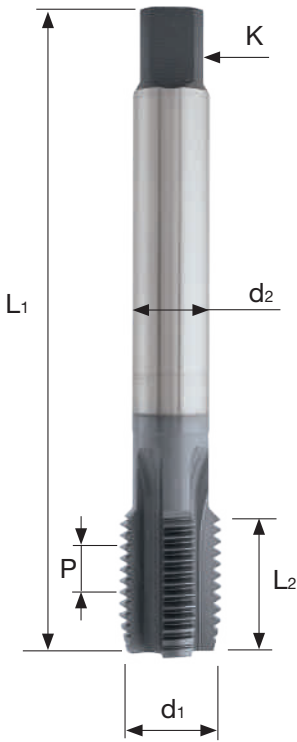
T8246

- Filettatura Americana Unif. - Passo costante - **8 filetti**
- **ASME B1.1**
- American Standard thread Constant pitch - **8 thread** - ASME B1.1
- Amerikanische Einheitsgewinde mit konstanter Steigung - **8 Gewindegänge** - ASME B1.1

- Tolleranza: 2B
- Scanalature diritte per fori ciechi e passanti
- Imbocco 4/5 filetti
- DIN 2184-1

- Tolerance: 2B
- Straight fluted for blind and through holes
- 4/5 spiral points lead-in
- DIN 2184-1

- Toleranz: 2B
- gerade genutet für Sack- und Durchgangsbohrungen
- 4/5 Gang Anschnitt
- DIN 2184-1



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | VT3 | KP 30 |
|----------------|--------------------------------|---|--------|-------------------------------------|----------------|----------------|----------------|----|-----|-------|
| | d ₁ | P | D | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | | |
| T8246 1-1/8 | 1-1/8 | 8 | 28,575 | 25,4 | 180 | 40 | 22 | 18 | - | ● |
| T8246 1-1/4 | 1-1/4 | 8 | 31,750 | 28,5 | 180 | 40 | 25 | 20 | - | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T8246 1-1/4 KP60

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T9201H

- Filettatura Metrica ISO - Passo grosso - **Per titanio e leghe TI**
 - DIN 13

- Metric ISO thread - Coarse pitch - **For titanium and Ti alloys** - DIN 13

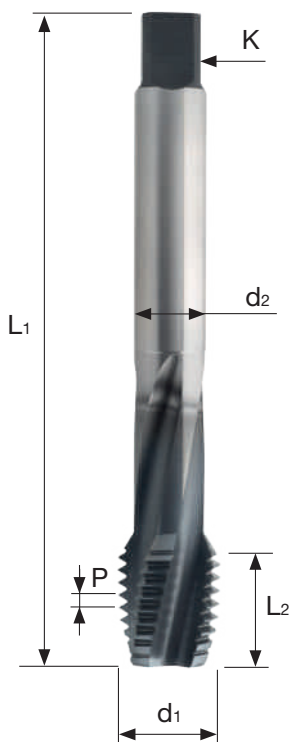
- Metrisches ISO-Regelgewinde - grobe Steigung - **für Titan und Ti-Legierungen** - DIN 13

- Tolleranza: 6 HX
- Scanalature elicoidali:
15° per fori ciechi
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 11

- Tolerance: 6HX
- 15° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 371 up to Ø 10
- DIN 376 from Ø 11

- Toleranz: 6HX
- spiral genutet 15° für Sacklöcher
- 2/3 Gang Anschnitt
- DIN 371 bis Ø 10
- DIN 376 ab Ø 11

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | KP 61 |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | |
| T9201H M8 | M8 | 1,25 | 6,8 | 90 | 12 | 8,0 | 6,2 | ● |
| T9201H M10 | M10 | 1,5 | 8,5 | 100 | 13 | 10,0 | 8,0 | ● |
| T9201H M12 | M12 | 1,75 | 10,2 | 110 | 15 | 9,0 | 7,0 | ● |
| T9201H M14 | M14 | 2 | 12 | 110 | 18 | 11,0 | 9,0 | ● |
| T9201H M16 | M16 | 2 | 14 | 110 | 18 | 12,0 | 9,0 | ● |
| T9201H M18 | M18 | 2,5 | 15,5 | 125 | 20 | 14,0 | 11,0 | ● |
| T9201H M20 | M20 | 2,5 | 17,5 | 140 | 20 | 16,0 | 12,0 | ● |
| T9201H M22 | M22 | 2,5 | 19,5 | 140 | 20 | 18,0 | 14,5 | ● |
| T9201H M24 | M24 | 3 | 21 | 160 | 25 | 18,0 | 14,5 | ● |
| T9201H M27 | M27 | 3 | 24 | 160 | 25 | 20,0 | 16,0 | ● |
| T9201H M30 | M30 | 3,5 | 26,5 | 180 | 29 | 22,0 | 18,0 | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T9201H M30 KP61

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T9241H

- Filettatura Americana UNC - Passo grosso - **Per titanio e leghe Ti**
 - ASME B1.1

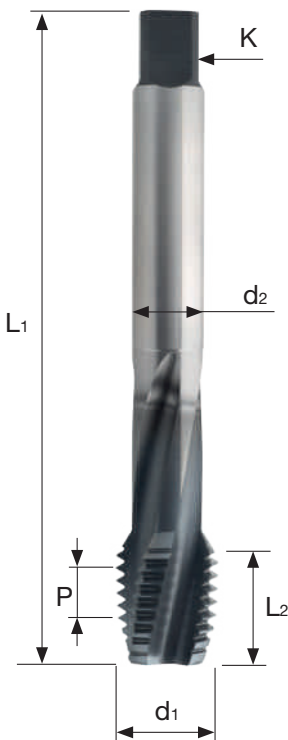
- American UNC thread - Coarse pitch - **For titanium and Ti alloys** - ASME B1.1
 - Amerikanisches UNC - grobe Steigung - **für Titan und Ti-Legierungen** - ASME B1.1

- Tolleranza: 2B
- Scanalature elicoidali:
15° per fori ciechi
- Imbocco 2/3 filetti
- DIN 2184-1

- Tolerance: 2B
- 15° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 2184-1

- Toleranz: 2B
- spiral genutet 15° für Sacklöcher
- 2/3 Gang Anschnitt
- DIN 2184-1

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | KP 61 | |
|----------------|--------------------------------|--------|----|-------------------------------------|----------------|----------------|----------------|-------|---|
| | d ₁ | | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | | K |
| T9241H 3/8" | 3/8" | 9,525 | 16 | 8,0 | 100 | 13,5 | 7 | 5,5 | ● |
| T9241H 7/16" | 7/16" | 11,113 | 14 | 9,4 | 100 | 15,5 | 8 | 6,2 | ● |
| T9241H 1/2" | 1/2" | 12,700 | 13 | 10,75 | 110 | 16 | 9 | 7 | ● |
| T9241H 5/8" | 5/8" | 15,875 | 11 | 13,5 | 110 | 19 | 12 | 9 | ● |
| T9241H 3/4" | 3/4" | 19,050 | 10 | 16,5 | 125 | 20 | 14 | 11 | ● |
| T9241H 7/8" | 7/8" | 22,225 | 9 | 19,5 | 140 | 22,5 | 18 | 14,5 | ● |
| T9241H 1" | 1" | 25,400 | 8 | 22,25 | 160 | 25 | 18 | 14,5 | ● |

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

T9241H 7/8" KP61

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T9245

- Filettatura Americana Unif. - Passo costante - 8 filetti

- **Per titanio e leghe TI**

- ASME B1.1

- American Standard thread Constant pitch -8 Thread - **For titanium and Ti alloys**
 ASME B1.1

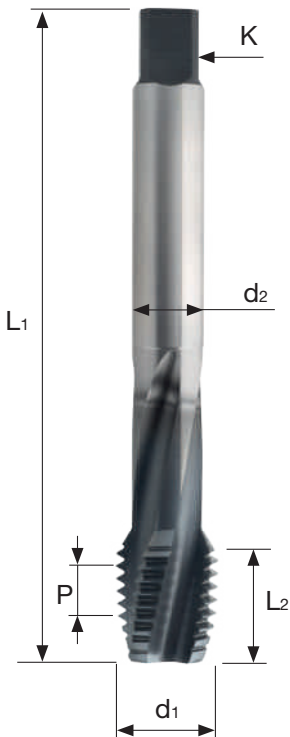
- Amerikanische Einheitsgewinde - mit konstanter Steigung - 8 Gewindegänge
 - **für Titan und Ti-Legierungen** - ASME B1.1

- Tolleranza: 2B
- Scanalature elicoidali:
15° per fori ciechi
- Imbocco 2/3 filetti
- DIN 2184-1

- Tolerance: 2B
- 15° spiral fluted for blind holes
- 2/3 spiral points lead-in
- DIN 2184-1

- Toleranz: 2B
- spiral genutet 15° für Sacklöcher
- 2/3 Gang Anschnitt
- DIN 2184-1

High performance



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | KP 60 | |
|----------------|--------------------------------|--------|---|-------------------------------------|----------------|----------------|----------------|-------|---|
| | d ₁ | | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | | K |
| T9245 1-1/8" | 1-1/8" | 28,575 | 8 | 25,4 | 180 | 28 | 22 | 18 | ● |
| T9245 1-1/4" | 1-1/4" | 31,750 | 8 | 28,5 | 180 | 28 | 22 | 18 | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T9245H 1-1/4" KP61

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T010

- Filettatura metrica ISO - Passo Grosso - UNI 4535-64

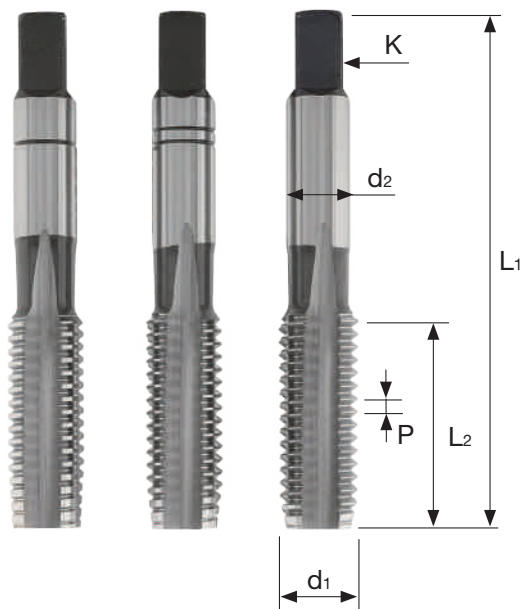
- Metric ISO thread - Coarse pitch - UNI 4535-64

- Metrisches ISO-Regelgewinde - grobe Steigung - UNI 4535-64

- Tolleranza: 6 H
- Scanalature diritte
- Sgrossatore - intermedio - finitore
- Imbocco 2/3 filetti
- DIN 352

- Tolerance: 6 H
- Straight fluted
- Taper tap - second tap - finishing tap
- 2/3 spiral points lead-in
- DIN 352

- Toleranz: 6 H
- gerade genutet
- Vorschneider - Mittelschneider - Fertigschneider
- 2/3 Gang Anschnitt
- DIN 352



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | |
| T010 M2 | M2 | 0,4 | 1,6 | 40 | 8 | 2,8 | 2,1 | ● |
| T010 M2,2 | M2,2 | 0,45 | 1,75 | 40 | 9 | 2,8 | 2,1 | ● |
| T010 M2,3 | M2,3 | 0,4 | 1,9 | 40 | 9 | 2,8 | 2,1 | ● |
| T010 M2,5 | M2,5 | 0,45 | 1,05 | 40 | 9 | 2,8 | 2,1 | ● |
| T010 M2,6 | M2,6 | 0,45 | 2,1 | 40 | 9 | 2,8 | 2,1 | ● |
| T010 M3 | M3 | 0,5 | 2,5 | 40 | 11 | 3,5 | 2,7 | ● |
| T010 M3,5 | M3,5 | 0,6 | 2,9 | 45 | 13 | 4 | 3 | ● |
| T010 M4 | M4 | 0,7 | 3,3 | 45 | 13 | 4,5 | 3,4 | ● |
| T010 M4,5 | M4,5 | 0,75 | 3,7 | 50 | 16 | 4,5 | 3,4 | ● |
| T010 M5 | M5 | 0,8 | 4,2 | 50 | 16 | 6 | 4,9 | ● |
| T010 M6 | M6 | 1 | 5 | 50 | 19 | 6 | 4,9 | ● |
| T010 M7 | M7 | 1 | 6 | 50 | 19 | 6 | 4,9 | ● |
| T010 M8 | M8 | 1,25 | 6,8 | 56 | 22 | 6 | 4,9 | ● |
| T010 M9 | M9 | 1,25 | 7,8 | 63 | 22 | 7 | 5,5 | ● |
| T010 M10 | M10 | 1,5 | 8,5 | 70 | 24 | 7 | 5,5 | ● |
| T010 M11 | M11 | 1,5 | 9,5 | 70 | 24 | 8 | 6,2 | ● |
| T010 M12 | M12 | 1,75 | 10,2 | 75 | 29 | 9 | 7 | ● |
| T010 M14 | M14 | 2 | 12 | 80 | 30 | 11 | 9 | ● |
| T010 M16 | M16 | 2 | 14 | 80 | 32 | 12 | 9 | ● |
| T010 M18 | M18 | 2,5 | 15,5 | 95 | 40 | 14 | 11 | ● |
| T010 M20 | M20 | 2,5 | 17,5 | 95 | 34 | 16 | 12 | ● |
| T010 M22 | M22 | 2,5 | 19,5 | 100 | 40 | 18 | 14,5 | ○ |
| T010 M24 | M24 | 3 | 21 | 110 | 50 | 18 | 14,5 | ○ |
| T010 M27 | M27 | 3 | 24 | 110 | 50 | 20 | 16 | ○ |
| T010 M30 | M30 | 3,5 | 26,5 | 125 | 56 | 22 | 18 | ○ |
| T010 M33 | M33 | 3,5 | 29,5 | 125 | 56 | 25 | 20 | ○ |
| T010 M36 | M36 | 4 | 32 | 150 | 63 | 28 | 22 | ○ |
| T010 M39 | M39 | 4 | 35 | 150 | 63 | 32 | 24 | ○ |
| T010 M42 | M42 | 4,5 | 37,5 | 150 | 63 | 32 | 24 | ○ |
| T010 M45 | M45 | 4,5 | 40,5 | 160 | 70 | 36 | 29 | ○ |
| T010 M48 | M48 | 5 | 43 | 180 | 75 | 36 | 29 | ○ |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T010 M48 HSS

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T011

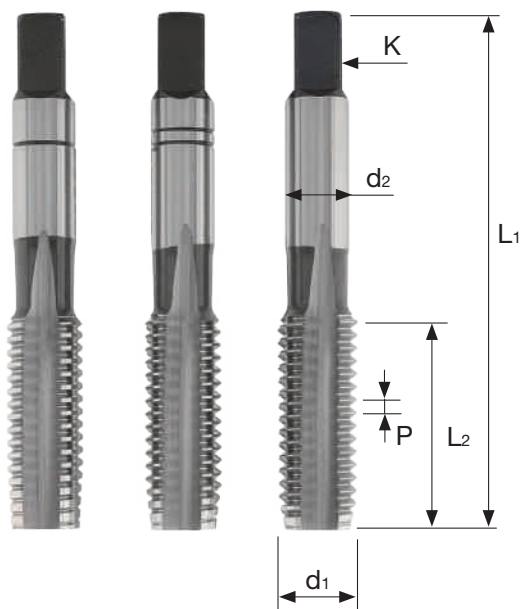
- Filettatura metrica ISO - Passo Grosso - **Per acciai con R>1000 N/mm² - UNI 4535-64**

- Metric ISO thread - Coarse pitch - **For steel with R>1000 N/mm² - UNI 4535-64**
 - Metrisches ISO-Regelgewinde - grobe Steigung - **für Stähle mit R>1000 N/mm² - UNI 4535-64**

- Tolleranza: 6 H
- Scanalature diritte
- Sgrossatore - intermedio - finitore
- Imbocco 2/3 filetti
- DIN 352

- Tolerance: 6 H
- Straight fluted
- Taper tap - second tap - finishing tap
- 2/3 spiral points lead-in
- DIN 352

- Toleranz: 6 H
- gerade genutet
- Vorschneider - Mittelschneider - Fertigschneider
- 2/3 Gang Anschnitt
- DIN 352



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS-E |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-------|
| | d ₁ | P | Ø preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | |
| T011 M2 | M2 | 0,4 | 1,6 | 40 | 8 | 2,8 | 2,1 | ○ |
| T011 M2,5 | M2,5 | 0,45 | 1,05 | 40 | 9 | 2,8 | 2,1 | ○ |
| T011 M3 | M3 | 0,5 | 2,5 | 40 | 11 | 3,5 | 2,7 | ○ |
| T011 M4 | M4 | 0,7 | 3,3 | 45 | 13 | 4,5 | 3,4 | ○ |
| T011 M5 | M5 | 0,8 | 4,2 | 50 | 16 | 6,0 | 4,9 | ○ |
| T011 M6 | M6 | 1 | 5,0 | 50 | 19 | 6,0 | 4,9 | ○ |
| T011 M8 | M8 | 1,25 | 6,8 | 63 | 22 | 6,0 | 4,9 | ○ |
| T011 M10 | M10 | 1,5 | 8,5 | 70 | 24 | 7,0 | 5,5 | ○ |
| T011 M12 | M12 | 1,75 | 10,2 | 75 | 29 | 9,0 | 7,0 | ○ |
| T011 M14 | M14 | 2 | 12,0 | 80 | 30 | 11,0 | 9,0 | ○ |
| T011 M16 | M16 | 2 | 14,0 | 90 | 32 | 12,0 | 9,0 | ○ |
| T011 M18 | M18 | 2,5 | 15,5 | 95 | 40 | 14,0 | 11,0 | ○ |
| T011 M20 | M20 | 2,5 | 17,5 | 95 | 40 | 16,0 | 12,0 | ○ |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T011 M20 HSS-E

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T020

- Filettatura metrica ISO - Passo fine - UNI 4535-64

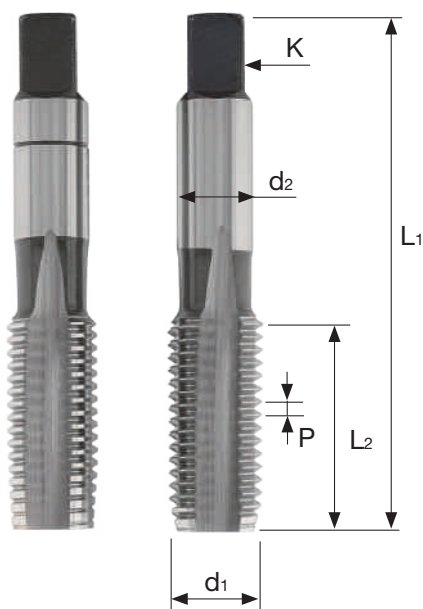
- Metric ISO thread - Fine pitch - UNI 4535-64

- Metrisches ISO-Regelgewinde - feine Steigung - UNI 4535-64

- Tolleranza: 6 H
- Scanalature diritte
- Sgrossatore - finitore
- Imbocco 2/3 filetti
- DIN 2181

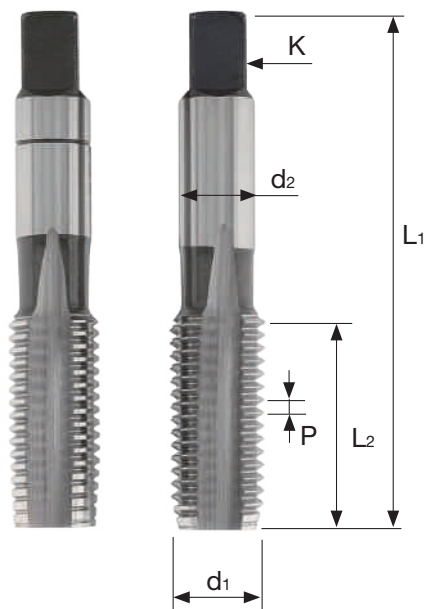
- Tolerance: 6 H
- Straight fluted
- Taper tap - finishing tap
- 2/3 spiral points lead-in
- DIN 2181

- Toleranz: 6 H
- gerade genutet
- Vorschneider - Fertigschneider
- 2/3 Gang Anschnitt
- DIN 2181



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS |
|----------------|--------------------------------|------|-------------------------------------|----------------|----------------|----------------|------|-----|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | |
| T020 M2x0,25 | M2 | 0,25 | 1,75 | 40 | 8 | 2,8 | 2,1 | ● |
| T020 M2,3x0,25 | M2,3 | 0,25 | 2,05 | 40 | 9 | 2,8 | 2,1 | ● |
| T020 M2,5x0,35 | M2,5 | 0,35 | 2,15 | 40 | 9 | 2,8 | 2,1 | ● |
| T020 M2,6x0,35 | M2,6 | 0,35 | 2,25 | 40 | 9 | 2,8 | 2,1 | ● |
| T020 M3x0,35 | M3 | 0,35 | 2,65 | 40 | 9 | 3,5 | 2,7 | ● |
| T020 M3,5x0,35 | M3,5 | 0,35 | 3,15 | 45 | 10 | 4,0 | 3,0 | ● |
| T020 M4x0,5 | M4 | 0,5 | 3,5 | 45 | 10 | 4,5 | 3,4 | ● |
| T020 M4,5x0,5 | M4,5 | 0,5 | 4,0 | 50 | 12 | 6,0 | 4,9 | ● |
| T020 M5x0,5 | M5 | 0,5 | 4,5 | 50 | 12 | 6,0 | 4,9 | ● |
| T020 M6x0,75 | M6 | 0,75 | 5,25 | 50 | 14 | 6,0 | 4,9 | ● |
| T020 M7x0,75 | M7 | 0,75 | 6,25 | 50 | 14 | 6,0 | 4,9 | ● |
| T020 M8x1 | M8 | 1 | 7,0 | 56 | 22 | 6,0 | 4,9 | ● |
| T020 M8x0,75 | M8 | 0,75 | 7,25 | 50 | 19 | 6,0 | 4,9 | ● |
| T020 M9x1 | M9 | 1 | 8,0 | 63 | 22 | 7,0 | 5,5 | ● |
| T020 M10x1,25 | M10 | 1,25 | 8,75 | 70 | 24 | 7,0 | 5,5 | ● |
| T020 M10x1 | M10 | 1 | 9,0 | 63 | 20 | 7,0 | 5,5 | ● |
| T020 M10x0,75 | M10 | 0,75 | 9,25 | 63 | 20 | 7,0 | 5,5 | ● |
| T020 M11x1 | M11 | 1 | 10,0 | 63 | 20 | 8,0 | 6,2 | ● |
| T020 M12x1,5 | M12 | 1,5 | 10,5 | 75 | 29 | 9,0 | 7,0 | ● |
| T020 M12x1,25 | M12 | 1,25 | 10,75 | 63 | 22 | 9,0 | 7,0 | ● |
| T020 M12x1 | M12 | 1 | 11,0 | 63 | 22 | 9,0 | 7,0 | ● |
| T020 M12x0,75 | M12 | 0,75 | 11,25 | 63 | 22 | 9,0 | 7,0 | ● |
| T020 M14x1,5 | M14 | 1,5 | 12,5 | 70 | 22 | 11,0 | 9,0 | ● |
| T020 M14x1,25 | M14 | 1,25 | 12,75 | 70 | 22 | 11,0 | 9,0 | ● |
| T020 M14x1 | M14 | 1 | 13,0 | 70 | 22 | 11,0 | 9,0 | ● |
| T020 M15x1,5 | M15 | 1,5 | 13,5 | 70 | 22 | 12,0 | 9,0 | ● |
| T020 M15x1 | M15 | 1 | 14,0 | 70 | 22 | 12,0 | 9,0 | ● |
| T020 M16x1,5 | M16 | 1,5 | 14,5 | 70 | 22 | 12,0 | 9,0 | ● |
| T020 M16x1,25 | M16 | 1,25 | 14,75 | 70 | 22 | 12,0 | 9,0 | ● |
| T020 M16x1 | M16 | 1 | 15,0 | 70 | 22 | 12,0 | 9,0 | ● |
| T020 M18x1,5 | M18 | 1,5 | 16,5 | 80 | 22 | 14,0 | 11,0 | ● |
| T020 M18x1 | M18 | 1 | 17,0 | 80 | 22 | 14,0 | 11,0 | ● |
| T020 M20x1,5 | M20 | 1,5 | 18,5 | 80 | 22 | 16,0 | 12,0 | ● |
| T020 M20x1 | M20 | 1 | 19,0 | 80 | 22 | 16,0 | 12,0 | ● |
| T020 M22x1,5 | M22 | 1,5 | 20,5 | 80 | 22 | 18,0 | 14,5 | ○ |
| T020 M22x1 | M22 | 1 | 21,0 | 80 | 22 | 18,0 | 14,5 | ○ |
| T020 M24x2 | M24 | 2 | 22,0 | 80 | 22 | 18,0 | 14,5 | ○ |
| T020 M24x1,5 | M24 | 1,5 | 22,5 | 80 | 22 | 18,0 | 14,5 | ○ |

T020



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS |
|----------------|--------------------------------|-----|-------------------------------------|----------------|----------------|----------------|------|-----|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | |
| T020 M24x1 | M24 | 1 | 23,0 | 80 | 22 | 18,0 | 14,5 | ○ |
| T020 M25x2 | M25 | 2 | 23,0 | 80 | 22 | 18,0 | 14,5 | ○ |
| T020 M25x1,5 | M25 | 1,5 | 23,5 | 80 | 22 | 18,0 | 14,5 | ○ |
| T020 M26x1,5 | M26 | 1,5 | 24,5 | 80 | 22 | 18,0 | 14,5 | ○ |
| T020 M27x2 | M27 | 2 | 25,0 | 90 | 22 | 20,0 | 16,0 | ○ |
| T020 M27x1,5 | M27 | 1,5 | 25,5 | 90 | 22 | 20,0 | 16,0 | ○ |
| T020 M28x2 | M28 | 2 | 26,0 | 90 | 22 | 20,0 | 16,0 | ○ |
| T020 M28x1,5 | M28 | 1,5 | 26,5 | 90 | 22 | 20,0 | 16,0 | ○ |
| T020 M30x2 | M30 | 2 | 28,0 | 90 | 22 | 22,0 | 18,0 | ○ |
| T020 M30x1,5 | M30 | 1,5 | 28,5 | 90 | 22 | 22,0 | 18,0 | ○ |
| T020 M32x2 | M32 | 2 | 30,0 | 90 | 22 | 22,0 | 18,0 | ○ |
| T020 M32x1,5 | M32 | 1,5 | 30,5 | 90 | 22 | 22,0 | 18,0 | ○ |
| T020 M36x3 | M36 | 3 | 33,0 | 125 | 40 | 28,0 | 22,0 | ○ |
| T020 M36x2 | M36 | 2 | 34,0 | 100 | 25 | 28,0 | 22,0 | ○ |
| T020 M36x1,5 | M36 | 1,5 | 34,5 | 100 | 25 | 28,0 | 22,0 | ○ |
| T020 M40x3 | M40 | 3 | 37,0 | 150 | 63 | 32,0 | 24,0 | ○ |
| T020 M40x2 | M40 | 2 | 38,0 | 110 | 25 | 32,0 | 24,0 | ○ |
| T020 M40x1,5 | M40 | 1,5 | 38,5 | 110 | 25 | 32,0 | 24,0 | ○ |
| T020 M42x3 | M42 | 3 | 39,0 | 150 | 63 | 32,0 | 24,0 | ○ |
| T020 M42x2 | M42 | 2 | 40,0 | 110 | 25 | 32,0 | 24,0 | ○ |
| T020 M42x1,5 | M42 | 1,5 | 40,5 | 110 | 25 | 32,0 | 24,0 | ○ |
| T020 M45x3 | M45 | 3 | 42,0 | 160 | 70 | 36,0 | 29,0 | ○ |
| T020 M45x2 | M45 | 2 | 43,0 | 110 | 25 | 36,0 | 29,0 | ○ |
| T020 M45x1,5 | M45 | 1,5 | 43,5 | 110 | 25 | 36,0 | 29,0 | ○ |
| T020 M48x3 | M48 | 3 | 45,0 | 180 | 75 | 36,0 | 29,0 | ○ |
| T020 M48x2 | M48 | 2 | 46,0 | 125 | 25 | 36,0 | 29,0 | ○ |
| T020 M48x1,5 | M48 | 1,5 | 46,5 | 125 | 25 | 36,0 | 29,0 | ○ |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T020 M48x1,5 HSS

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T030

- Filettatura GAS cilindrica BSP (55°) - ISO 228 - UNI 338-66

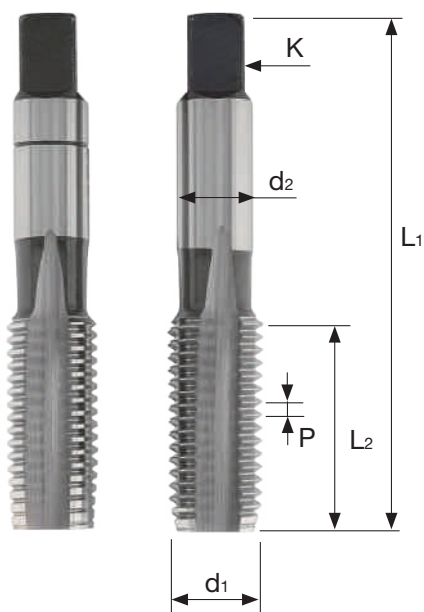
- BSP British Standard Pipe thread (55°) - ISO 228 - UNI 338-66

- BSP British Standard Pipe Gewinde (55°) - ISO 228 - UNI 338-66

- Scanalature diritte
- Sgrossatore - finitore
- Imbocco 2/3 filetti
- DIN 353

- Straight fluted
- Taper tap - finishing tap
- 2/3 spiral points leand-in
- DIN 353

- gerade genutet
- Vorschneider - Fertigschneider
- 2/3 Gang Anschnitt
- DIN 353



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-----|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | |
| T030 G 1/8" | G 1/8" | 28 | 8,8 | 63 | 18 | 7 | 5,5 | ● |
| T030 G 1/4" | G 1/4" | 19 | 11,8 | 63 | 20 | 11 | 9,0 | ● |
| T030 G 3/8" | G 3/8" | 19 | 15,25 | 70 | 20 | 12 | 9,0 | ● |
| T030 G 1/2" | G 1/2" | 14 | 19,0 | 80 | 22 | 16 | 12,0 | ● |
| T030 G 5/8" | G 5/8" | 14 | 21,0 | 90 | 25 | 18 | 14,5 | ● |
| T030 G 3/4" | G 3/4" | 14 | 24,5 | 100 | 28 | 20 | 16,0 | ● |
| T030 G 7/8" | G 7/8" | 14 | 28,25 | 100 | 28 | 22 | 18,0 | ● |
| T030 G 1" | G 1" | 11 | 30,75 | 110 | 32 | 25 | 20,0 | ● |
| T030 G 1-1/8" | G 1-1/8" | 11 | 35,5 | 110 | 32 | 28 | 22,0 | ○ |
| T030 G 1-1/4" | G 1-1/4" | 11 | 39,5 | 125 | 32 | 32 | 24,0 | ○ |
| T030 G 1-3/8" | G 1-3/8" | 11 | 42,0 | 125 | 32 | 36 | 29,0 | ○ |
| T030 G 1-1/2" | G 1-1/2" | 11 | 45,2 | 140 | 32 | 36 | 29,0 | ○ |
| T030 G 1-3/4" | G 1-3/4" | 11 | 51,4 | 160 | 36 | 36 | 29,0 | ○ |
| T030 G 2" | G 2" | 11 | 57,2 | 160 | 36 | 36 | 29,0 | ○ |

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T030 G 1-3/4" HSS

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T040

- Filettatura Americana UNC - Passo Grosso - ANSI - B 1.1

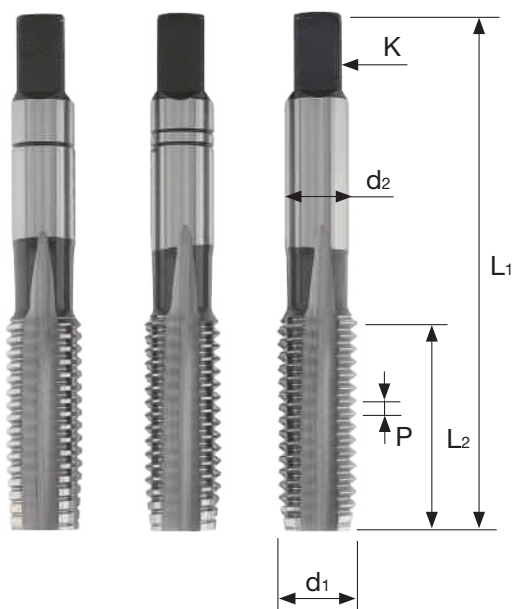
- American UNC thread - Coarse pitch - ANSI - B 1.1

- Amerikanisches UNC - grobe Steigung - ANSI - B 1.1

- Tolleranza: 2 B
- Scanalature diritte
- Sgrossatore - intermedio - finitore
- Imbocco 2/3 filetti
- DIN 352

- Tolerance: 2 B
- Straight fluted
- Taper tap - second tap - finishing tap
- 2/3 spiral points lead-in
- DIN 353

- Toleranz: 2 B
- gerade genutet
- Vorschneider - Mittelschneider - Fertigschneider
- 2/3 Gang Anschnitt
- DIN 353



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS |
|----------------|--------------------------------|----|--------|-------------------------------------|----------------|----------------|----------------|------|-----|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | |
| T040 nr 1 | nr 1 | 64 | 1,854 | 1,5 | 36 | 11 | 2,8 | 2,1 | ○ |
| T040 nr 2 | nr 2 | 56 | 2,184 | 1,8 | 36 | 11 | 2,8 | 2,1 | ○ |
| T040 nr 3 | nr 3 | 48 | 2,515 | 2,1 | 40 | 12 | 2,8 | 2,1 | ○ |
| T040 nr 4 | nr 4 | 40 | 2,845 | 2,3 | 40 | 12 | 3,5 | 2,7 | ○ |
| T040 nr 5 | nr 5 | 40 | 3,175 | 2,6 | 40 | 12 | 3,5 | 2,7 | ○ |
| T040 nr 6 | nr 6 | 32 | 3,505 | 2,85 | 45 | 14 | 4,5 | 3,4 | ○ |
| T040 nr 8 | nr 8 | 32 | 4,166 | 3,5 | 48 | 16 | 6,0 | 4,9 | ○ |
| T040 nr 10 | nr 10 | 24 | 4,826 | 3,9 | 48 | 16 | 6,0 | 4,9 | ○ |
| T040 nr 12 | nr 12 | 24 | 5,486 | 4,5 | 50 | 18 | 6,0 | 4,9 | ○ |
| T040 1/4" | 1/4" | 20 | 6,350 | 4,5 | 50 | 18 | 6,0 | 4,9 | ○ |
| T040 5/16" | 5/16" | 18 | 7,938 | 4,5 | 56 | 22 | 6,0 | 4,9 | ○ |
| T040 3/8" | 3/8" | 16 | 9,525 | 4,5 | 63 | 25 | 7,0 | 5,5 | ○ |
| T040 7/16" | 7/16" | 14 | 11,113 | 4,5 | 70 | 25 | 8,0 | 6,2 | ○ |
| T040 1/2" | 1/2" | 13 | 12,700 | 4,5 | 70 | 28 | 9,0 | 7,0 | ○ |
| T040 9/16" | 9/16" | 12 | 14,288 | 4,5 | 70 | 28 | 11,0 | 9,0 | ○ |
| T040 5/8" | 5/8" | 11 | 15,875 | 4,5 | 70 | 30 | 12,0 | 9,0 | ○ |
| T040 3/4" | 3/4" | 10 | 19,050 | 4,5 | 80 | 32 | 14,0 | 11,0 | ○ |
| T040 7/8" | 7/8" | 9 | 22,225 | 4,5 | 90 | 32 | 18,0 | 14,5 | ○ |
| T040 1" | 1" | 8 | 25,400 | 4,5 | 100 | 36 | 20,0 | 16,0 | ○ |

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T040 1" HSS

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T050

- Filettatura Americana UNF - Passo Fine - ANSI - B 1.1

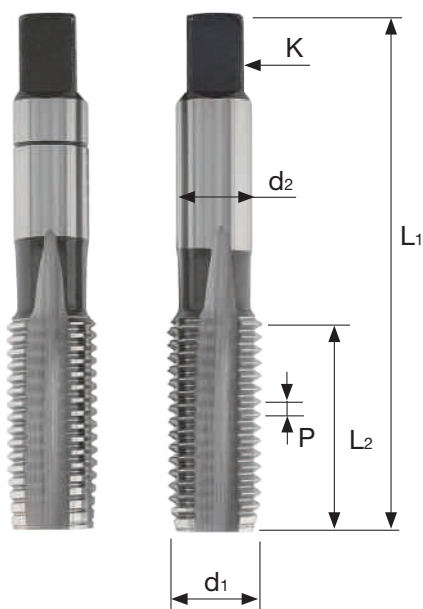
- American UNC thread - Fine pitch - ANSI - B 1.1

- Amerikanisches Einheits-Feingewinde UNF - ANSI - B 1.1

- Tolleranza: 2 B
- Scanalature diritte
- Sgrossatore - finitore
- Imbocco 2/3 filetti
- DIN 352

- Tolerance: 2 B
- Straight fluted
- Taper tap - finishing tap
- 2/3 spiral points lead-in
- DIN 352

- Toleranz: 2 B
- gerade genutet
- Vorschneider - Fertigschneider
- 2/3 Gang Anschnitt
- DIN 352



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | | HSS |
|----------------|--------------------------------|----|--------|-------------------------------------|----------------|----------------|----------------|------|-----|
| | d ₁ | P | D | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | |
| T050 nr 0 | nr 0 | 80 | 1,524 | 1,3 | 32 | 10 | 2,5 | 2,1 | ○ |
| T050 nr 1 | nr 1 | 72 | 1,854 | 1,6 | 36 | 11 | 2,8 | 2,1 | ○ |
| T050 nr 2 | nr 2 | 64 | 2,184 | 1,9 | 36 | 11 | 2,8 | 2,1 | ○ |
| T050 nr 3 | nr 3 | 56 | 2,515 | 2,1 | 40 | 12 | 2,8 | 2,1 | ○ |
| T050 nr 4 | nr 4 | 48 | 2,845 | 2,4 | 40 | 12 | 3,5 | 2,7 | ○ |
| T050 nr 5 | nr 5 | 44 | 3,175 | 2,7 | 40 | 12 | 3,5 | 2,7 | ○ |
| T050 nr 6 | nr 6 | 40 | 3,505 | 3,0 | 45 | 14 | 4,0 | 3,0 | ○ |
| T050 nr 8 | nr 8 | 36 | 4,166 | 3,5 | 48 | 16 | 6,0 | 4,9 | ○ |
| T050 nr 10 | nr 10 | 32 | 4,826 | 4,1 | 48 | 16 | 6,0 | 4,9 | ○ |
| T050 nr 12 | nr 12 | 28 | 5,486 | 4,7 | 50 | 18 | 6,0 | 4,9 | ○ |
| T050 1/4" | 1/4" | 28 | 6,350 | 5,5 | 50 | 18 | 6,0 | 4,9 | ○ |
| T050 5/16" | 5/16" | 24 | 7,938 | 6,9 | 56 | 18 | 6,0 | 4,9 | ○ |
| T050 3/8" | 3/8" | 24 | 9,525 | 8,5 | 63 | 18 | 7,0 | 5,5 | ○ |
| T050 7/16" | 7/16" | 20 | 11,113 | 9,9 | 63 | 20 | 8,0 | 6,2 | ○ |
| T050 1/2" | 1/2" | 20 | 12,700 | 11,5 | 70 | 20 | 9,0 | 7,0 | ○ |
| T050 9/16" | 9/16" | 18 | 14,288 | 12,9 | 70 | 22 | 11,0 | 9,0 | ○ |
| T050 5/8" | 5/8" | 18 | 15,875 | 14,5 | 70 | 22 | 12,0 | 9,0 | ○ |
| T050 3/4" | 3/4" | 16 | 19,050 | 17,5 | 80 | 25 | 14,0 | 11,0 | ○ |
| T050 7/8" | 7/8" | 14 | 22,225 | 20,4 | 90 | 28 | 18,0 | 14,5 | ○ |
| T050 1" | 1" | 12 | 25,400 | 23,3 | 100 | 28 | 20,0 | 16,0 | ○ |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

T050 1" HSS

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

T080

- Filettatura Withworth - DIN 11 - UNI 2709

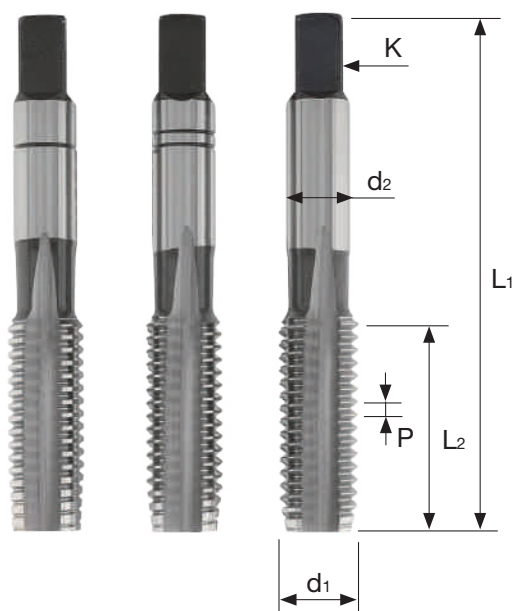
- Withworth thread BSW - DIN 11 - UNI 2709

- British Standard Withworth-Gewinde BSW - DIN 11 - UNI 2709

- Scanalature diritte
- Sgrossatore- intermedio - finitore
- Imbocco 2/3 filetti
- DIN 351

- Straight fluted
- Taper tap - second tap - finishing tap
- 2/3 spiral points lead-in
- DIN 351

- gerade genutet
- Vorschneider - Mittelschneider - Fertigschneider
- 2/3 Gang Anschnitt
- DIN 351



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | | | HSS |
|----------------|--------------------------------|----|-------------------------------------|----------------|----------------|----------------|------|-----|
| | d ₁ | P | ∅ preforo Drill size Kernloch | L ₁ | L ₂ | d ₂ | K | |
| T080 W 3/32" | W 3/32" | 48 | 1,8 | 36 | 11 | 2,8 | 2,1 | ○ |
| T080 W 1/8" | W 1/8" | 40 | 2,5 | 40 | 12 | 3,5 | 2,7 | ○ |
| T080 W 5/32" | W 5/32" | 32 | 3,1 | 45 | 14 | 4,5 | 3,4 | ○ |
| T080 W 3/16" | W 3/16" | 24 | 3,6 | 50 | 18 | 5,5 | 4,3 | ○ |
| T080 W 7/32" | W 7/32" | 24 | 4,4 | 50 | 18 | 6,0 | 4,9 | ○ |
| T080 W 1/4" | W 1/4" | 20 | 5,1 | 56 | 22 | 6,0 | 4,9 | ○ |
| T080 W 5/16" | W 5/16" | 18 | 6,5 | 63 | 25 | 6,0 | 4,9 | ○ |
| T080 W 3/8" | W 3/8" | 16 | 7,9 | 70 | 28 | 7,0 | 5,5 | ○ |
| T080 W 7/16" | W 7/16" | 14 | 9,3 | 75 | 30 | 8,0 | 6,2 | ○ |
| T080 W 1/2" | W 1/2" | 12 | 10,5 | 80 | 32 | 9,0 | 7,0 | ○ |
| T080 W 9/16" | W 9/16" | 12 | 12,0 | 80 | 32 | 11,0 | 9,0 | ○ |
| T080 W 5/8" | W 5/8" | 11 | 13,5 | 90 | 36 | 12,0 | 9,0 | ○ |
| T080 W 11/16" | W 11/16" | 11 | 15,1 | 90 | 36 | 14,0 | 11,0 | ○ |
| T080 W 3/4" | W 3/4" | 10 | 16,5 | 105 | 40 | 14,0 | 11,0 | ○ |
| T080 W 13/16" | W 13/16" | 10 | 18,1 | 105 | 40 | 16,0 | 12,0 | ○ |
| T080 W 7/8" | W 7/8" | 9 | 19,25 | 110 | 45 | 18,0 | 14,5 | ○ |
| T080 W 15/16" | W 15/16" | 9 | 21,0 | 110 | 45 | 18,0 | 14,5 | ○ |
| T080 W 1" | W 1" | 8 | 22,0 | 110 | 50 | 20,0 | 16,0 | ○ |
| T080 W 1-1/8" | W 1-1/8" | 7 | 24,75 | 132 | 56 | 22,0 | 18,0 | ○ |
| T080 W 1-1/4" | W 1-1/4" | 7 | 27,75 | 132 | 56 | 25,0 | 20,0 | ○ |

ESEMPIO DI ORDINE:

Order example:
Beispiel für einen Auftrag:

T080 W 1-1/4" HSS

- Disponibile / In stock / vorrätig
- A richiesta / On request / auf Anfrage

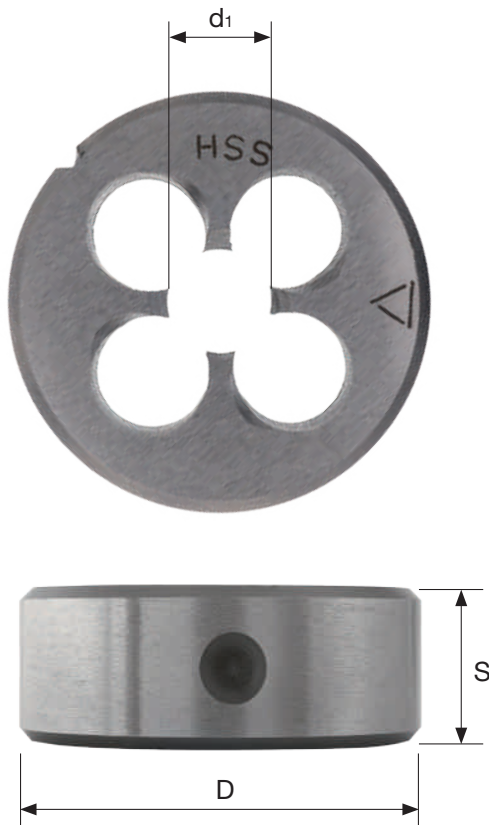
TF10

- Filettatura metrica ISO - Passo grosso - UNI 4535-64
 - Metric ISO thread - Coarse pitch - UNI 4535-64
 - Metrisches ISO-Regelgewinde - feine Steigung - UNI 4535-64

- Tolleranza: 6 G
 - DIN 223

- Tolerance: 6 G
 - DIN 223

- Toleranz: 6 G
 - DIN 223



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | HSS | KP 20 |
|----------------|--------------------------------|------|----|----|-----|-------|
| | d ₁ | P | D | S | | |
| TF10 M2 | M2 | 0,4 | 16 | 5 | ● | ● |
| TF10 M2,3 | M2,3 | 0,4 | 16 | 5 | ● | ● |
| TF10 M2,5 | M2,5 | 0,45 | 16 | 5 | ● | ● |
| TF10 M2,6 | M2,6 | 0,45 | 16 | 5 | ● | ● |
| TF10 M3 | M3 | 0,5 | 20 | 5 | ● | ● |
| TF10 M3,5 | M3,5 | 0,6 | 20 | 5 | ● | ● |
| TF10 M4 | M4 | 0,7 | 20 | 5 | ● | ● |
| TF10 M4,5 | M4,5 | 0,75 | 20 | 7 | ● | ● |
| TF10 M5 | M5 | 0,8 | 20 | 7 | ● | ● |
| TF10 M6 | M6 | 1,0 | 20 | 7 | ● | ● |
| TF10 M7 | M7 | 1,0 | 25 | 9 | ● | ● |
| TF10 M8 | M8 | 1,25 | 25 | 9 | ● | ● |
| TF10 M9 | M9 | 1,25 | 25 | 9 | ● | ● |
| TF10 M10 | M10 | 1,5 | 30 | 11 | ● | ● |
| TF10 M11 | M11 | 1,5 | 30 | 11 | ● | ● |
| TF10 M12 | M12 | 1,75 | 38 | 14 | ● | ● |
| TF10 M14 | M14 | 2,0 | 38 | 14 | ● | ● |
| TF10 M16 | M16 | 2,0 | 45 | 18 | ● | ● |
| TF10 M18 | M18 | 2,5 | 45 | 18 | ● | ● |
| TF10 M20 | M20 | 2,5 | 45 | 18 | ● | ● |
| TF10 M22 | M22 | 2,5 | 55 | 22 | ● | ● |
| TF10 M24 | M24 | 3,0 | 55 | 22 | ● | ● |
| TF10 M27 | M27 | 3,0 | 65 | 25 | ● | ● |
| TF10 M30 | M30 | 3,5 | 65 | 25 | ● | ● |
| TF10 M33 | M33 | 3,5 | 65 | 25 | ● | ● |
| TF10 M36 | M36 | 4,0 | 65 | 25 | ● | ● |
| TF10 M39 | M39 | 4,0 | 75 | 30 | ● | ● |
| TF10 M42 | M42 | 4,5 | 75 | 30 | ● | ● |
| TF10 M45 | M45 | 4,5 | 90 | 36 | ● | ● |
| TF10 M48 | M48 | 5,0 | 90 | 36 | ● | ● |
| TF10 M52 | M52 | 5,0 | 90 | 36 | ● | ● |

ESEMPIO DI ORDINE:

Order example:
 Beispiel für einen Auftrag:

TF10 M52 HSS

● Disponibile / In stock / vorrätig
 ○ A richiesta / On request / auf Anfrage

FILIERE TONDE CON IMBOCCO CORRETTO

ROUND DIES

RUNDE SCHNEIDEISEN - GERADE GENUTET



TF20

- Filettatura metrica ISO 9 - Passo fine - UNI 4535-64

- Metric ISO thread - Fine pitch - UNI 4535-64

- Metrisches ISO-Regelgewinde - feine Steigung - UNI 4535-64

- Tolleranza: 6 G

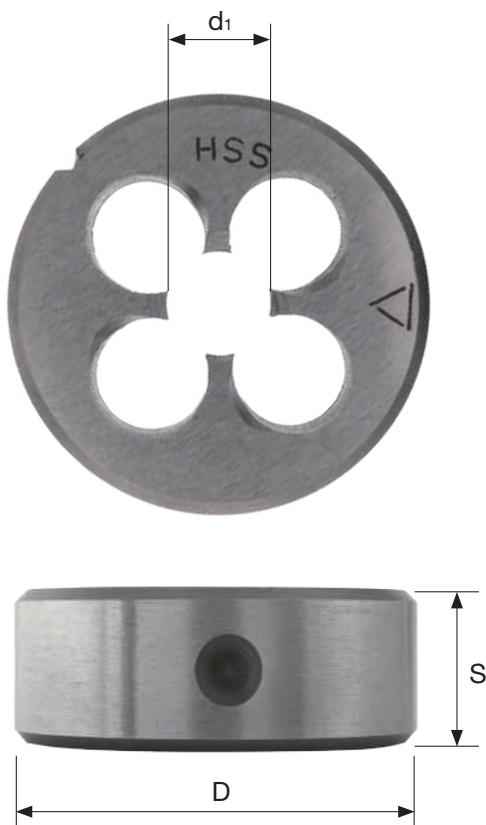
- DIN 223

- Tolerance: 6 G

- DIN 223

- Toleranz: 6 G

- DIN 223



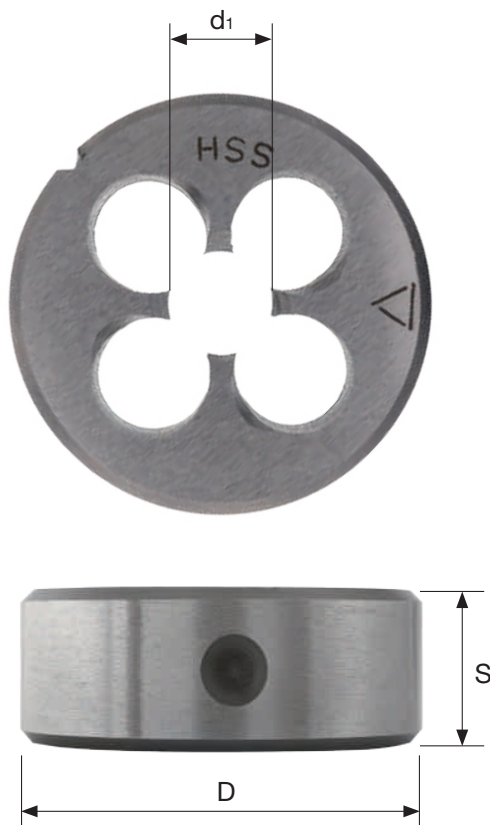
| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | HSS | KP 20 |
|----------------|--------------------------------|------|----|----|-----|-------|
| | d ₁ | P | D | S | | |
| TF20 M4x0,5 | M4 | 0,5 | 20 | 5 | ● | ● |
| TF20 M5x0,5 | M5 | 0,5 | 20 | 5 | ● | ● |
| TF20 M6x0,75 | M6 | 0,75 | 20 | 5 | ● | ● |
| TF20 M7x0,75 | M7 | 0,75 | 25 | 9 | ● | ● |
| TF20 M8x1 | M8 | 1,0 | 25 | 9 | ● | ● |
| TF20 M8x0,75 | M8 | 0,75 | 25 | 9 | ● | ● |
| TF20 M9x1 | M9 | 1,0 | 25 | 9 | ● | ● |
| TF20 M9x0,75 | M9 | 0,75 | 25 | 9 | ● | ● |
| TF20 M10x1,25 | M10 | 1,25 | 30 | 11 | ● | ● |
| TF20 M10x1 | M10 | 1,0 | 30 | 11 | ● | ● |
| TF20 M10x0,75 | M10 | 0,75 | 30 | 11 | ● | ● |
| TF20 M12x1,5 | M12 | 1,5 | 38 | 10 | ● | ● |
| TF20 M12x1,25 | M12 | 1,25 | 38 | 10 | ● | ● |
| TF20 M12x1 | M12 | 1,0 | 38 | 10 | ● | ● |
| TF20 M13x1 | M13 | 1,0 | 38 | 10 | ● | ● |
| TF20 M14x1,5 | M14 | 1,5 | 38 | 10 | ● | ● |
| TF20 M14x1,25 | M14 | 1,25 | 38 | 10 | ● | ● |
| TF20 M14x1 | M14 | 1,0 | 38 | 10 | ● | ● |
| TF20 M15x1,5 | M15 | 1,5 | 38 | 10 | ● | ● |
| TF20 M15x1 | M15 | 1,0 | 38 | 10 | ● | ● |
| TF20 M16x1,5 | M16 | 1,5 | 45 | 14 | ● | ● |
| TF20 M16x1 | M16 | 1,0 | 45 | 14 | ● | ● |
| TF20 M17x1,5 | M17 | 1,5 | 45 | 14 | ● | ● |
| TF20 M18x1,5 | M18 | 1,5 | 45 | 14 | ● | ● |
| TF20 M18x1 | M18 | 1,0 | 45 | 14 | ● | ● |
| TF20 M20x1,5 | M20 | 1,5 | 45 | 14 | ● | ● |
| TF20 M20x1 | M20 | 1,0 | 45 | 14 | ● | ● |
| TF20 M22x1,5 | M22 | 1,5 | 55 | 16 | ● | ● |
| TF20 M22x1 | M22 | 1,0 | 55 | 16 | ● | ● |
| TF20 M24x2 | M24 | 2,0 | 55 | 16 | ● | ● |
| TF20 M24x1,5 | M24 | 1,5 | 55 | 16 | ● | ● |
| TF20 M24x1 | M24 | 1,0 | 55 | 16 | ● | ● |
| TF20 M25x2 | M25 | 2,0 | 55 | 16 | ● | ● |
| TF20 M25x1,5 | M25 | 1,5 | 55 | 16 | ● | ● |
| TF20 M25x1 | M25 | 1,0 | 55 | 16 | ● | ● |
| TF20 M26x2 | M26 | 2,0 | 55 | 16 | ● | ● |
| TF20 M26x1,5 | M26 | 1,5 | 55 | 16 | ● | ● |
| TF20 M27x2 | M27 | 2,0 | 65 | 18 | ● | ● |
| TF20 M27x1,5 | M27 | 1,5 | 65 | 18 | ● | ● |
| TF20 M28x2 | M28 | 2,0 | 65 | 18 | ● | ● |
| TF20 M28x1,5 | M28 | 1,5 | 65 | 18 | ● | ● |
| TF20 M30x2 | M30 | 2,0 | 65 | 18 | ● | ● |

CONTINUA CONTINUES WEITER ▶

TF20

MASCHIE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

TF20



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | HSS | KP 20 |
|----------------|--------------------------------|-----|----|----|-----|-------|
| | d ₁ | P | D | S | | |
| TF20 M30x1,5 | M30 | 1,5 | 65 | 18 | ● | ● |
| TF20 M32x2 | M32 | 2,0 | 65 | 18 | ● | ● |
| TF20 M32x1,5 | M32 | 1,5 | 65 | 18 | ● | ● |
| TF20 M33x2 | M33 | 2,0 | 65 | 18 | ● | ● |
| TF20 M33x1,5 | M33 | 1,5 | 65 | 18 | ● | ● |
| TF20 M35x2 | M35 | 2,0 | 65 | 18 | ● | ● |
| TF20 M35x1,5 | M35 | 1,5 | 65 | 18 | ● | ● |
| TF20 M36x3 | M36 | 3,0 | 65 | 18 | ● | ● |
| TF20 M36x2 | M36 | 2,0 | 65 | 18 | ● | ● |
| TF20 M36x1,5 | M36 | 1,5 | 65 | 18 | ● | ● |
| TF20 M38x2 | M38 | 2,0 | 75 | 20 | ● | ● |
| TF20 M38x1,5 | M38 | 1,5 | 75 | 20 | ● | ● |
| TF20 M40x3 | M40 | 3,0 | 75 | 20 | ● | ● |
| TF20 M40x2 | M40 | 2,0 | 75 | 20 | ● | ● |
| TF20 M40x1,5 | M40 | 1,5 | 75 | 20 | ● | ● |

ESEMPIO DI ORDINE:
 Order example:
 Beispiel für einen Auftrag:

TF20 M40x1,5 HSS

● Disponibile / In stock / vorrätig
 ○ A richiesta / On request / auf Anfrage

FILIERE TONDE CON IMBOCCO CORRETTO

ROUND DIES

RUNDE SCHNEIDEISEN - GERADE GENUTET



TF30

- Filettatura GAS cilindrica BSP (55°)

- BSP British Standard Pipe thread (55°)

- BSP British Standard Pipe Gewinde (55°)

- DIN 259 - UNI 338-66

- DIN 223

- Classe A

- DIN 259 - UNI 338-66

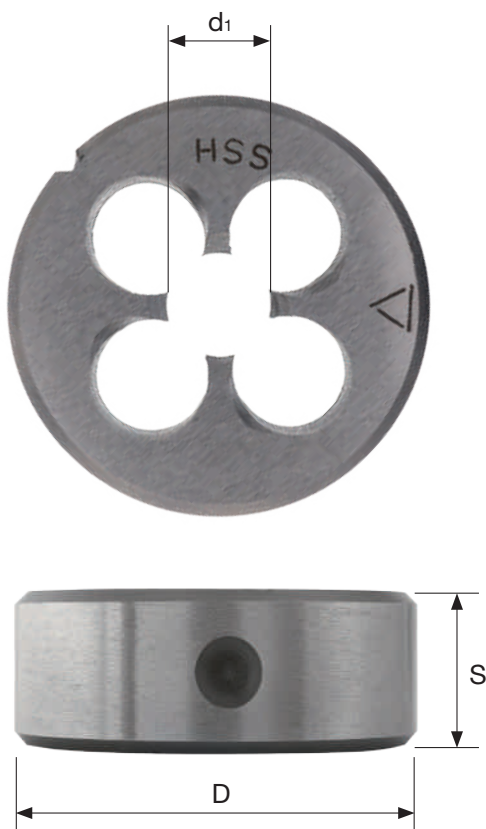
- DIN 223

- A Class

- DIN 259 - UNI 338-66

- DIN 223

- Klasse A



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | HSS | KP 20 |
|----------------|--------------------------------|----|-----|----|-----|-------|
| | d ₁ | P | D | S | | |
| TF30 G 1/8" | G 1/8" | 28 | 30 | 11 | ● | ● |
| TF30 G 1/4" | G 1/4" | 19 | 38 | 10 | ● | ● |
| TF30 G 3/8" | G 3/8" | 19 | 45 | 14 | ● | ● |
| TF30 G 1/2" | G 1/2" | 14 | 45 | 14 | ● | ● |
| TF30 G 5/8" | G 5/8" | 14 | 55 | 16 | ● | ● |
| TF30 G 3/4" | G 3/4" | 14 | 55 | 16 | ● | ● |
| TF30 G 7/8" | G 7/8" | 14 | 65 | 18 | ● | ● |
| TF30 G 1" | G 1" | 11 | 65 | 18 | ● | ● |
| TF30 G 1-1/8" | G 1-1/8" | 11 | 75 | 20 | ● | ● |
| TF30 G 1-1/4" | G 1-1/4" | 11 | 75 | 20 | ● | ● |
| TF30 G 1-3/8" | G 1-3/8" | 11 | 90 | 22 | ● | ● |
| TF30 G 1-1/2" | G 1-1/2" | 11 | 90 | 22 | ● | ● |
| TF30 G 1-3/4" | G 1-3/4" | 11 | 90 | 22 | ● | ● |
| TF30 G 2" | G 2" | 11 | 105 | 25 | ● | ● |

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

TF30 G 2" HSS

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

TF30

MASCHIE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

FILIERE TONDE CON IMBOCCO CORRETTO

ROUND DIES

RUNDE SCHNEIDEISEN - GERADE GENUTET



TF40

- Filettatura americana UNC - Passo grosso - ANSI - B 1.1

- American UNC thread - Coarse pitch - ANSI - B 1.1

- Amerikanisches UNC - Grobgewinde - ANSI - B 1.1

- Tolleranza: 2 A

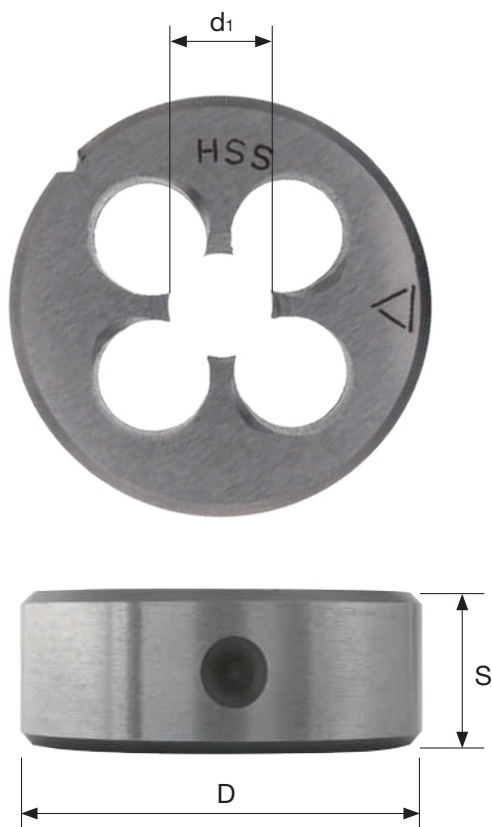
- DIN 223

- Tolerance: 2 A

- DIN 223

- Toleranz: 2 A

- DIN 223



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | HSS | KP 20 |
|----------------|--------------------------------|----|--------|----|----|-----|-------|
| | d ₁ | P | ø | D | S | | |
| TF40 nr 4 | nr 4 | 40 | 2,845 | 20 | 5 | ● | ● |
| TF40 nr 5 | nr 5 | 40 | 3,175 | 20 | 5 | ● | ● |
| TF40 nr 6 | nr 6 | 32 | 3,505 | 20 | 5 | ● | ● |
| n TF40 r 8 | nr 8 | 32 | 4,166 | 20 | 7 | ● | ● |
| TF40 nr 10 | nr 10 | 24 | 4,826 | 20 | 7 | ● | ● |
| TF40 nr 12 | nr 12 | 24 | 5,486 | 20 | 7 | ● | ● |
| TF40 1/4" | 1/4" | 20 | 6,350 | 25 | 9 | ● | ● |
| TF40 5/16" | 5/16" | 18 | 7,938 | 25 | 9 | ● | ● |
| TF40 3/8" | 3/8" | 16 | 9,525 | 30 | 11 | ● | ● |
| TF40 7/16" | 7/16" | 14 | 11,113 | 30 | 11 | ● | ● |
| TF40 1/2" | 1/2" | 13 | 12,700 | 38 | 14 | ● | ● |
| TF40 9/16" | 9/16" | 12 | 14,288 | 38 | 14 | ● | ● |
| TF40 5/8" | 5/8" | 11 | 15,875 | 45 | 18 | ● | ● |
| TF40 3/4" | 3/4" | 10 | 19,050 | 45 | 18 | ● | ● |
| TF40 7/8" | 7/8" | 9 | 22,225 | 55 | 22 | ● | ● |
| TF40 1" | 1" | 8 | 25,400 | 55 | 22 | ● | ● |
| TF40 1-1/8" | 1-1/8" | 7 | 28,575 | 65 | 25 | ● | ● |
| TF40 1-1/4" | 1-1/4" | 7 | 31,750 | 65 | 25 | ● | ● |
| TF40 1-1/2" | 1-1/2" | 6 | 38,100 | 75 | 30 | ● | ● |

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

TF40 1-1/2" HSS

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

FILIERE TONDE CON IMBOCCO CORRETTO

ROUND DIES

RUNDE SCHNEIDEISEN - GERADE GENUTET



TF50

- Filettatura americana UNF - Passo fine - ANSI - B 2.1

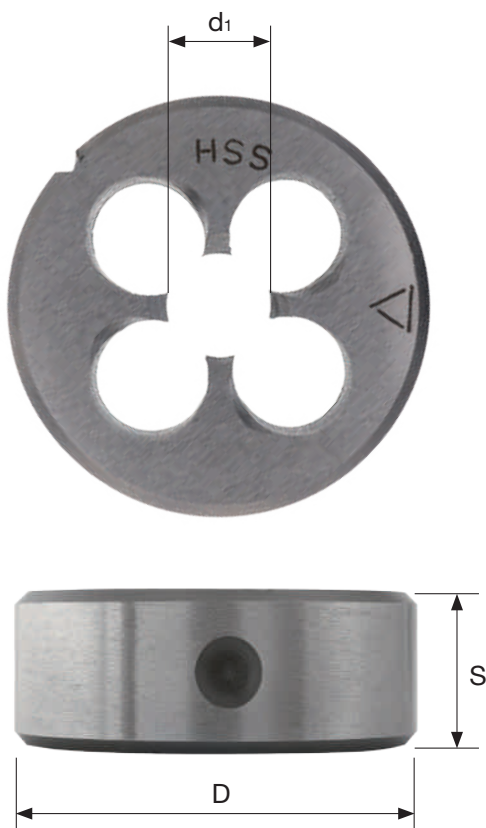
- American UNF thread - Fine pitch - ANSI - B 2.1

- Amerikanisches Einheits - Feingewinde UNF - ANSI - B 2.1

- Tolleranza: 2 A
- DIN 223

- Tolerance: 2 A
- DIN 223

- Toleranz: 2 A
- DIN 223



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | | HSS | KP 20 |
|----------------|--------------------------------|----|--------|----|----|-----|-------|
| | d ₁ | P | ø | D | S | | |
| TF50 nr 4 | nr 4 | 48 | 2,845 | 20 | 5 | ● | ● |
| TF50 nr 5 | nr 5 | 44 | 3,175 | 20 | 5 | ● | ● |
| TF50 nr 6 | nr 6 | 40 | 3,505 | 20 | 5 | ● | ● |
| TF50 nr 8 | nr 8 | 36 | 4,166 | 20 | 7 | ● | ● |
| TF50 nr 10 | nr 10 | 32 | 4,826 | 20 | 7 | ● | ● |
| TF50 nr 12 | nr 12 | 28 | 5,486 | 20 | 7 | ● | ● |
| TF50 1/4" | 1/4" | 28 | 6,350 | 25 | 9 | ● | ● |
| TF50 5/16" | 5/16" | 24 | 7,938 | 25 | 9 | ● | ● |
| TF50 3/8" | 3/8" | 24 | 9,525 | 30 | 11 | ● | ● |
| TF50 7/16" | 7/16" | 20 | 11,113 | 30 | 11 | ● | ● |
| TF50 1/2" | 1/2" | 20 | 12,700 | 38 | 14 | ● | ● |
| TF50 9/16" | 9/16" | 18 | 14,288 | 38 | 14 | ● | ● |
| TF50 5/8" | 5/8" | 18 | 15,875 | 45 | 18 | ● | ● |
| TF50 3/4" | 3/4" | 16 | 19,050 | 45 | 18 | ● | ● |
| TF50 7/8" | 7/8" | 14 | 22,225 | 55 | 22 | ● | ● |
| TF50 1" | 1" | 12 | 25,400 | 55 | 22 | ● | ● |
| TF50 1-1/8" | 1-1/8" | 12 | 28,575 | 65 | 25 | ● | ● |
| TF50 1-1/4" | 1-1/4" | 12 | 31,750 | 65 | 25 | ● | ● |
| TF50 1-1/2" | 1-1/2" | 12 | 38,100 | 75 | 30 | ● | ● |

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

TF50 1-1/2" KP20

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

TF50

MASCHINE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

FILIERE TONDE CON IMBOCCO CORRETTO

ROUND DIES

RUNDE SCHNEIDEISEN - GERADE GENUTET



TF60

- Filettatura GAS conica - ISO 7/1 - UNI 339

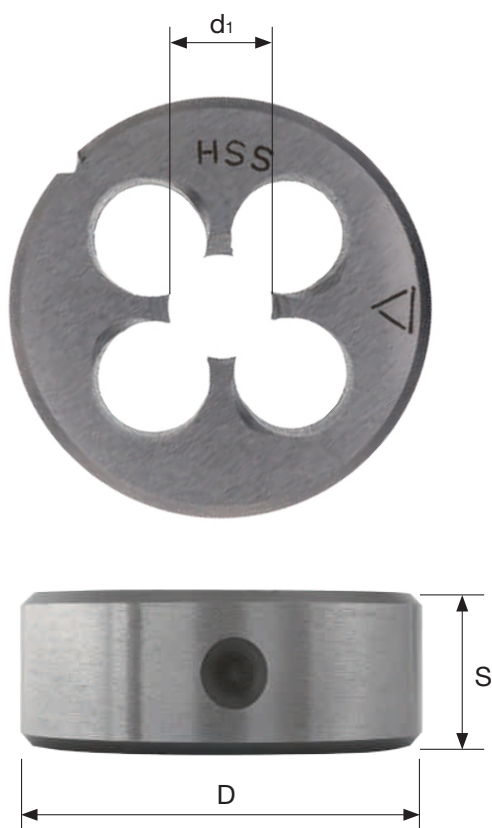
- British standard taper pipe thread - ISO 7/1 - UNI 339

- Kegeliges Rohrgewinde - ISO 7/1 - UNI 339

- DIN 223

- DIN 223

- DIN 223



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | HSS | KP 20 |
|----------------|--------------------------------|----|-----|------|-----|-------|
| | d ₁ | P | D | S | | |
| TF60 Rc 1/8" | Rc 1/8" | 28 | 38 | 11,5 | ● | ● |
| TF60 Rc 1/4" | Rc 1/4" | 19 | 38 | 13,0 | ● | ● |
| TF60 Rc 3/8" | Rc 3/8" | 19 | 45 | 15,0 | ● | ● |
| TF60 Rc 1/2" | Rc 1/2" | 14 | 45 | 19,0 | ● | ● |
| TF60 Rc 3/4" | Rc 3/4" | 14 | 65 | 22,0 | ● | ● |
| TF60 Rc 1" | Rc 1" | 11 | 65 | 25,5 | ● | ● |
| TF60 Rc 1-1/4" | Rc 1-1/4" | 11 | 75 | 28,5 | ● | ● |
| TF60 Rc 1-1/2" | Rc 1-1/2" | 11 | 90 | 28,5 | ● | ● |
| TF60 Rc 2" | Rc 2" | 11 | 105 | 31,5 | ● | ● |

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

TF60 Rc 2" HSS

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

FILIERE TONDE CON IMBOCCO CORRETTO

ROUND DIES

RUNDE SCHNEIDEISEN - GERADE GENUTET



TF70

- Filettatura Conica NPT - ANSI B 2.1

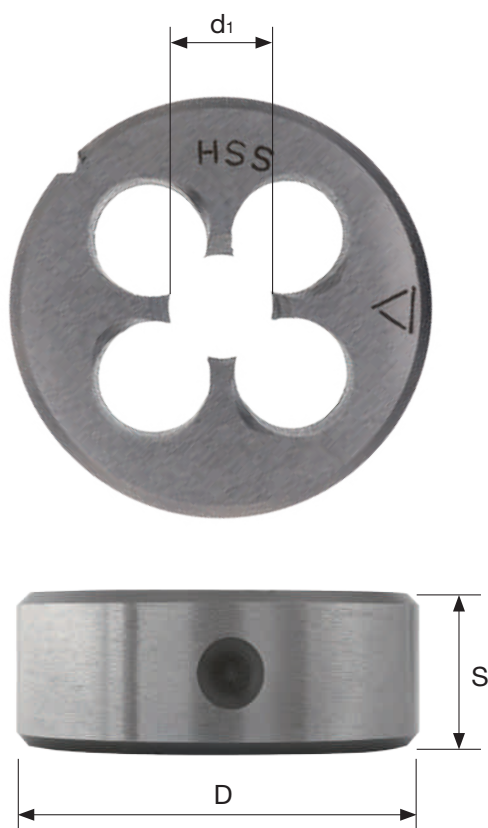
- American standard taper pipe thread NPT - ANSI B 2.1

- Konisches Rohrgewinde NPT - ANSI B 2.1

- DIN 223

- DIN 223

- DIN 223



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | HSS | KP 20 |
|----------------|--------------------------------|------|-----|------|-----|-------|
| | d ₁ | P | D | S | | |
| TF70 1/8" | 1/8" | 27 | 38 | 10,0 | ● | ● |
| TF70 1/4" | 1/4" | 18 | 38 | 15,2 | ● | ● |
| TF70 3/8" | 3/8" | 18 | 45 | 15,3 | ● | ● |
| TF70 1/2" | 1/2" | 14 | 45 | 20,0 | ● | ● |
| TF70 3/4" | 3/4" | 14 | 65 | 20,2 | ● | ● |
| TF70 1" | 1" | 11,5 | 65 | 25,0 | ● | ● |
| TF70 1-1/4" | 1-1/4" | 11,5 | 75 | 25,6 | ● | ● |
| TF70 1-1/2" | 1-1/2" | 11,5 | 90 | 26,0 | ● | ● |
| TF70 2" | 2" | 11,5 | 105 | 36,9 | ● | ● |

TF70

MASCHIE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

TF70 1-1/2" HSS

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

FILIERE TONDE CON IMBOCCO CORRETTO

ROUND DIES

RUNDE SCHNEIDEISEN - GERADE GENUTET



TF80

- Filettatura Withworth

- Withworth thread BSW

- British Standard Withworth-Gewinde BSW

- DIN 11 - UNI 2709

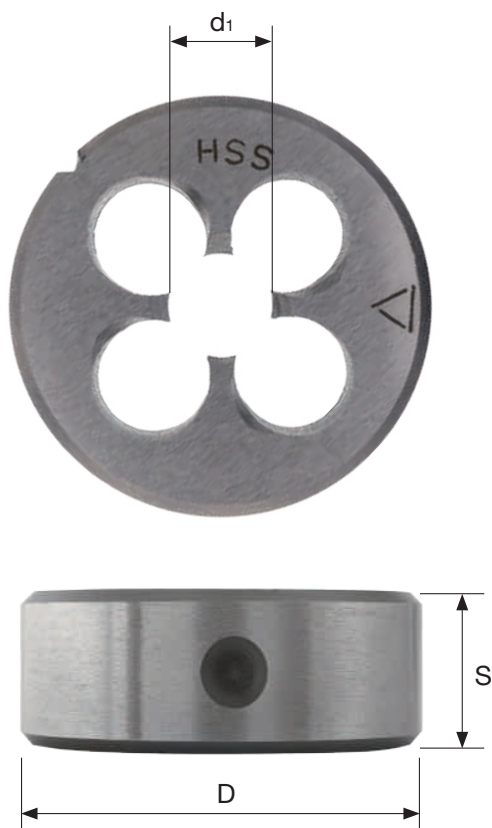
- DIN 223

- DIN 11 - UNI 2709

- DIN 223

- DIN 11 - UNI 2709

- DIN 223



| CODICE CODE | DIMENSIONI / DIMENSIONS / MAßE | | | | HSS | KP 20 |
|----------------|--------------------------------|----|----|----|-----|-------|
| | d ₁ | P | D | S | | |
| TF80 W 1/8" | W 1/8" | 40 | 20 | 5 | ● | ● |
| TF80 W 5/32" | W 5/32" | 32 | 20 | 5 | ● | ● |
| TF80 W 3/16" | W 3/16" | 24 | 20 | 7 | ● | ● |
| TF80 W 1/4" | W 1/4" | 20 | 25 | 9 | ● | ● |
| TF80 W 5/16" | W 5/16" | 18 | 25 | 9 | ● | ● |
| TF80 W 3/8" | W 3/8" | 16 | 30 | 11 | ● | ● |
| TF80 W 7/16" | W 7/16" | 14 | 30 | 11 | ● | ● |
| TF80 W 1/2" | W 1/2" | 12 | 38 | 14 | ● | ● |
| TF80 W 9/16" | W 9/16" | 12 | 38 | 14 | ● | ● |
| TF80 W 5/8" | W 5/8" | 11 | 45 | 18 | ● | ● |
| TF80 W 3/4" | W 3/4" | 10 | 45 | 18 | ● | ● |
| TF80 W 7/8" | W 7/8" | 9 | 55 | 22 | ● | ● |
| TF80 W 1" | W 1" | 8 | 55 | 22 | ● | ● |
| TF80 W 1-1/8" | W 1-1/8" | 7 | 65 | 25 | ● | ● |
| TF80 W 1-1/4" | W 1-1/4" | 7 | 65 | 25 | ● | ● |
| TF80 W 1-1/2" | W 1-1/2" | 6 | 75 | 30 | ● | ● |

ESEMPIO DI ORDINE:

Order example:

Beispiel für einen Auftrag:

TF80 W 1-1/2" HSS

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage



Guida alla scelta della qualità

Suggestions for quality choice

Ratgeber für Qualitätsauswahl

HSS

ACCIAI DEL TIPO HSS

HSS STEEL / HSS Schnellarbeitsstahl

HSSE

ACCIAI DEL TIPO HSS-E (Co 8%)

HSS-E STEEL (Co 8%) / HSS-E Schnellarbeitsstahl (Co 8%)

VT 3

ACCIAI DEL TIPO ASP 30

ASP 30 STEEL / ASP 30 STÄHLE

VT 5

ACCIAI DEL TIPO ASP 60

ASP 60 STEEL / ASP 60 STÄHLE

VAP

VAPORIZZATO - Processo per migliorare lo scorrimento del truciolo

VAPORIZED - Process for improving the chip evacuation

Vaporisiert - Verfahren zur Verbesserung der Spanabfuhr

NITR.

NITRURATO - Processo per aumentare la resistenza all'usura

NITRIDED - Process for improving the wear resistance

NITRIERT - Verfahren zur Erhöhung der Verschleißbeständigkeit

KP 60

RIVESTIMENTO IN TiAlN - Evita il fenomeno del tagliente di riporto e garantisce un'ottima finitura superficiale

TiAlN COATING - It avoids the built-up edge phenomenon and warrants an excellent finishing grade of surface

TiAlN-Beschichtung - Verhindert die Bildung von Aufbauschneiden und garantiert eine hervorragende Oberflächengüte

KP 61

RIVESTIMENTO INNOVATIVO - Permette velocità di taglio elevate grazie ad un'elevata resistenza all'ossidazione e per la sua durezza ad alte temperature

INNOVATIVE COATING - Allows high cutting speeds thanks to the high oxidation resistance and to the hardness at high temperatures

INNOVATIVE BESCHICHTUNG - sie ermöglicht hohe Schnittgeschwindigkeiten - dank hoher Oxidationsbeständigkeit und Härte bei hohen Temperaturen

PARAMETRI DI TAGLIO
CUTTING PARAMETERS
SCHNITTPARAMETER



NOTE TECNICHE / TECHNICAL NOTES

MASCHIE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

| Mat. | HB ^(a) N/mm ^{2(b)} HrC ^(c) | Kc ⁽¹⁾ | Vc (m/min) | | | | | |
|------|---|-------------------|------------------------------|-----------------------------------|-----------------|-------|-------|-------|
| | | | T100 T110 T120 T126 | T101H T101HW T121H T131H | T101S T101SW | T104X | T105 | T108 |
| P1 | 125(a) / 420(b) | 1350 | 30-35 | | 50-60 | | 30-35 | 30-35 |
| P2 | 190(a) / 650(b) | 1500 | 25-30 | 30-40 | 50-60 | | 30-35 | 25-30 |
| P3 | 250(a) / 850(b) | 1675 | 20-25 | 25-35 | 45-55 | | 25-30 | 20-25 |
| P4 | 220(a) / 750(b) | 1700 | 20-25 | 25-35 | 45-55 | | 25-30 | 20-25 |
| P5 | 300(a) / 1000(b) | 1900 | 20-25 | 25-35 | 45-55 | | 25-30 | 20-25 |
| P6 | 200(a) / 600(b) | 1775 | 15-20 | 20-30 | 40-50 | | 20-25 | 15-20 |
| P7 | 275(a) / 930(b) | 1675 | 15-20 | 20-30 | 40-50 | | 20-25 | 15-20 |
| P8 | 300(a) / 1000b) | 1725 | | 10-20 | 15-25 | | 10-15 | |
| P9 | 350(a) / 1200(b) | 1800 | | 8-10 | | | | |
| P10 | 200(a) / 680(b) | 2450 | | 10-20 | 15-25 | | 10-15 | |
| P11 | 325(a) / 1100(b) | 2500 | | 8-10 | | | | |
| M12 | 200(a) / 680b) | 1875 | | 10-20 | 15-25 | 18-20 | 10-15 | 6-8 |
| M13 | 240(a) / 820(b) | 1875 | | 10-20 | 15-25 | 18-20 | 10-15 | 6-8 |
| M14 | 180(a) / 600(b) | 2150 | | 6-8 | 10-20 | 10-12 | 6-8 | 3-5 |
| K15 | 180(a) | 1150 | | | | | | |
| K16 | 260(a) | 1350 | | | | | | |
| K17 | 160(a) | 1225 | 20-25 | 25-35 | | | 25-30 | 20-25 |
| K18 | 250(a) | 1350 | 20-25 | 25-35 | | | 25-30 | 20-25 |
| K19 | 130(a) | 1225 | 20-25 | 25-35 | | | 25-30 | 20-25 |
| K20 | 230(a) | 1420 | 20-25 | 25-35 | | | 25-30 | 20-25 |
| N21 | 60 ^(a) | 700 | 30-35 | | | | 30-35 | 30-35 |
| N22 | 100 ^(a) | 800 | 30-35 | | | | 30-35 | 30-35 |
| N23 | 75 ^(a) | 700 | 25-30 | | | | 30-35 | |
| N24 | 90 ^(a) | 700 | 25-30 | 30-40 | | | 30-35 | |
| N25 | 130 ^(a) | 750 | | 30-40 | | | | |
| N26 | | | 20-25 | 25-35 | | | 25-30 | 20-25 |
| N27 | | | 20-25 | 25-35 | | | 25-30 | 20-25 |
| N28 | | | 20-25 | 25-35 | | | 25-30 | 20-25 |
| S31 | 200(a) | 2600 | | | | | | |
| S32 | 280(a) | 3100 | | | | | | |
| S33 | 250(a) | 3300 | 6-8 | | | | 12-15 | |
| S34 | 350(a) | 3300 | | 12-18 | | | | |
| S35 | 320(a) | 3300 | | 12-18 | | | | |
| S36 | 400(b) | 1700 | 6-8 | | | | | |
| S37 | 1050(b) | 2110 | | 12-18 | | | | |
| H38 | 45-55(c) | 4600 | | | | | | |
| H39 | | | | | | | | |
| H40 | | | | | | | | |
| H41 | | | | | | | | |

i N.B.: Sia la velocità di taglio che gli altri parametri consigliati vanno tenuti in considerazione solo nelle migliori condizioni d'impiego, vale a dire quando il maschio é utilizzato su macchine specifiche con patrona, o su centri di lavoro e transfer con velocità e avanzamento rigorosamente precisi.

PARAMETRI DI TAGLIO
CUTTING PARAMETERS
SCHNITTPARAMETER



| Vc (m/min) | | | | | | | |
|------------------------------|--------------|--------------|--|---|---|-----------------------------------|-----------------|
| T130 T140 T145 T150 | T160 T170 | T175 | T200 T208 T210 T220 T230 T240 T245 T250 T280 | T201H T201HW T221H T221HW T245H | T300R T310R T320R T330R T340R T345R T350R | T301H T301HW T321H T331H | T301S T301SW |
| 30-35 | 12-15 | 12-15 | 30-35 | | | | 45-55 |
| 30-35 | 10-15 | | 25-30 | | 25-30 | 25-35 | 45-55 |
| 25-30 | 10-12 | | 20-25 | 25-30 | 20-25 | 20-30 | 40-50 |
| 25-30 | 10-12 | | 20-25 | 25-30 | 20-25 | 20-30 | 40-50 |
| 25-30 | 10-12 | | 20-25 | 25-30 | 20-25 | 20-30 | 40-50 |
| 20-25 | 8-10 | | 15-20 | 20-25 | 15-20 | 15-25 | 35-45 |
| 20-25 | 8-10 | | 15-20 | 20-25 | 15-20 | 15-25 | 35-45 |
| 10-15 | 3-5 | | 5-10 | 10-15 | 5-10 | 5-15 | 15-20 |
| | | | | 5-10 | | 5-8 | |
| 10-15 | 3-5 | | 5-10 | 10-15 | 5-10 | 5-15 | 15-20 |
| | | | | 5-10 | | 5-8 | |
| 10-15 | 2-3 | 2-3 | | 10-15 | 8-10 | 10-15 | 15-20 |
| 10-15 | 2-3 | 2-3 | | | 8-10 | 10-15 | 15-20 |
| 6-8 | | 2-3 | | | 5-7 | 5-7 | |
| | 10-12 | | | | | | |
| | 10-12 | | | | | | |
| 25-30 | 10-12 | | 20-25 | 25-30 | 20-25 | 20-30 | 40-50 |
| 25-30 | 10-12 | | 20-25 | 25-30 | 20-25 | 20-30 | 40-50 |
| 25-30 | 10-12 | | 20-25 | 25-30 | 20-25 | 20-30 | 40-50 |
| 25-30 | 10-12 | | 20-25 | 25-30 | 20-25 | 20-30 | 40-50 |
| 30-35 | | 12-15 | 30-35 | | | | 45-55 |
| 30-35 | | 12-15 | 30-35 | | | | 45-55 |
| 30-35 | 12-15 | 12-15 | 25-30 | | 30-35 | 30-40 | 40-50 |
| 30-35 | 10-12 | | 25-30 | 25-30 | 25-30 | 25-35 | 40-50 |
| | 10-12 | | | | | | |
| 25-30 | 6-8 | 6-8 | 20-25 | 20-30 | 25-30 | 25-35 | 35-40 |
| 25-30 | 6-8 | 6-8 | 20-25 | 20-30 | 25-30 | 25-35 | 35-40 |
| 25-30 | 6-8 | 6-8 | 20-25 | 20-30 | 25-30 | 25-35 | 35-40 |
| | | | | | | | |
| | | | | | | | |
| 12-15 | | 5-8 | 8-10 | | 8-10 | 10-15 | 15-20 |
| | | | | 2-3 | | | 5-15 |
| | | | | 2-3 | | | 5-15 |
| | | 5-8 | | | | 10-15 | 15-20 |
| | | | | 2-3 | | | 5-15 |
| | | | | | | | |
| | | | | | | | |

i S.P.: Both cutting speed and other suggested parameters must be considered only in the best working conditions, when the tap is utilized on specific machine with lead screw, or on machining centers and transfers with extremely precise speed and feed.
N.B.: Sowohl die Angaben der Schnittparameter als auch die der anderen empfohlenen Parameter beziehen sich auf sehr gute Arbeitsbedingungen: der Gewindebohrer wird auf entsprechenden Maschinen oder in Bearbeitungszentren oder Transfermaschinen eingesetzt, wobei Geschwindigkeit und Vorschub rigoros eingehalten werden.

NOTE TECNICHE / TECHNICAL NOTES

MASCHINE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

PARAMETRI DI TAGLIO
CUTTING PARAMETERS
SCHNITTPARAMETER



NOTE TECNICHE / TECHNICAL NOTES

MASCHIE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

| Mat. | HB ^(a) N/mm ² (b) HrC ^(c) | Kc ⁽¹⁾ | Vc (m/min) | | | | | |
|------|--|-------------------|------------|-------|-------|-------|-------|----------------------|
| | | | T304XR | T305R | T308R | T400 | T401 | T403 T440 T450 |
| P1 | 125(a) / 420(b) | 1350 | | | 25-30 | 20-25 | 25-30 | |
| P2 | 190(a) / 650(b) | 1500 | | 25-30 | 20-25 | | | |
| P3 | 250(a) / 850(b) | 1675 | | 20-25 | 15-20 | | | |
| P4 | 220(a) / 750(b) | 1700 | | 20-25 | 15-20 | | | |
| P5 | 300(a) / 1000(b) | 1900 | | 20-25 | 15-20 | | | |
| P6 | 200(a) / 600(b) | 1775 | | 15-20 | | | | |
| P7 | 275(a) / 930(b) | 1675 | | 15-20 | | | | |
| P8 | 300(a) / 1000b) | 1725 | | 5-10 | | | | |
| P9 | 350(a) / 1200(b) | 1800 | | | | | | |
| P10 | 200(a) / 680(b) | 2450 | | 5-10 | | | | |
| P11 | 325(a) / 1100(b) | 2500 | | | | | | |
| M12 | 200(a) / 680b) | 1875 | 8-10 | 8-10 | | | | |
| M13 | 240(a) / 820(b) | 1875 | 8-10 | 8-10 | | | | |
| M14 | 180(a) / 600(b) | 2150 | 5-7 | 3-5 | | | | |
| K15 | 180(a) | 1150 | | | | | | |
| K16 | 260(a) | 1350 | | | | | | |
| K17 | 160(a) | 1225 | | 20-25 | 15-20 | | | |
| K18 | 250(a) | 1350 | | 20-25 | 15-20 | | | |
| K19 | 130(a) | 1225 | | 20-25 | 15-20 | | | |
| K20 | 230(a) | 1420 | | 20-25 | 15-20 | | | |
| N21 | 60 ^(a) | 700 | | | 25-30 | 20-25 | 25-30 | 25-30 |
| N22 | 100 ^(a) | 800 | | | 25-30 | 20-25 | 25-30 | 25-30 |
| N23 | 75 ^(a) | 700 | | 30-35 | 25-30 | 15-20 | 25-30 | 25-30 |
| N24 | 90 ^(a) | 700 | | 25-30 | 20-25 | | 20-25 | 20-25 |
| N25 | 130 ^(a) | 750 | | | | | | |
| N26 | | | | 25-30 | 20-25 | 12-20 | 20-25 | 20-25 |
| N27 | | | | 25-30 | 20-25 | 12-20 | 20-25 | 20-25 |
| N28 | | | | 25-30 | 20-25 | 12-20 | 20-25 | 20-25 |
| S31 | 200(a) | 2600 | | | | | | |
| S32 | 280(a) | 3100 | | | | | | |
| S33 | 250(a) | 3300 | | 8-10 | | | | 10-12 |
| S34 | 350(a) | 3300 | | | | | | |
| S35 | 320(a) | 3300 | | | | | | |
| S36 | 400(b) | 1700 | | | | | | 10-12 |
| S37 | 1050(b) | 2110 | | | | | | |
| H38 | 45-55(c) | 4600 | | | | | | |
| H39 | | | | | | | | |
| H40 | | | | | | | | |
| H41 | | | | | | | | |

i N.B.: Sia la velocità di taglio che gli altri parametri consigliati vanno tenuti in considerazione solo nelle migliori condizioni d'impiego, vale a dire quando il maschio é utilizzato su macchine specifiche con patrona, o su centri di lavoro e transfer con velocità e avanzamento rigorosamente precisi.

PARAMETRI DI TAGLIO
CUTTING PARAMETERS
SCHNITTPARAMETER



| Vc (m/min) | | | | | | | |
|-----------------------------------|--|-----------------|-----------------|-------|-------|----------------------------|-------------------------|
| T501H T501HW T521H T531H | T600 T605 T609 T620 T630 T639 T640 T650 | T601H T601HW | T601S T601SW | T700 | T801H | T9201H T9241H T9245H | T8201 T8241 T8246 |
| 40-45 | | | | 12-15 | | | |
| 40-45 | | | | 10-12 | | | |
| 35-40 | | | | 8-10 | | | |
| 35-40 | | | | 8-10 | | | |
| 35-40 | | | | 8-10 | | | |
| 30-35 | | | | | | | |
| 30-35 | | | | | | | |
| 15-20 | | | | | | | |
| | | | | | 5-8 | | |
| 15-20 | | | | | | | |
| | | | | | 5-8 | | |
| 15-20 | | | | | | | |
| 15-20 | | | | | | | |
| | | | | | | | |
| | 40-45 | 40-50 | 55-65 | | | | |
| | 40-45 | 40-50 | 55-65 | | | | |
| | | | | 8-10 | | | |
| | | | | 8-10 | | | |
| | | | | 8-10 | | | |
| | | | | 8-10 | | | |
| 40-45 | | | | 12-15 | | | |
| 40-45 | | | | 12-15 | | | |
| 40-45 | | | | 10-12 | | | |
| 35-40 | | | | 10-12 | | | |
| | 15-20 | 40-50 | 55-65 | | | | |
| 40-45 | 15-20 | 40-50 | 55-65 | 8-10 | | | |
| 40-45 | 15-20 | 40-50 | 55-65 | 8-10 | | | |
| 40-45 | 15-20 | 40-50 | 55-65 | 8-10 | | | 20-30 |
| | | | | | | | |
| | | | | | | | |
| 10-15 | | | | | | | |
| 5-10 | | | | | | | |
| 5-10 | | | | | | | |
| | | | | | | 10-15 | |
| | | | | | | 6-12 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE TECNICHE / TECHNICAL NOTES

MASCHINE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

i S.P.: Both cutting speed and other suggested parameters must be considered only in the best working conditions, when the tap is utilized on specific machine with lead screw, or on machining centers and transfers with extremely precise speed and feed.
 N.B.: Sowohl die Angaben der Schnittparameter als auch die der anderen empfohlenen Parameter beziehen sich auf sehr gute Arbeitsbedingungen: der Gewindebohrer wird auf entsprechenden Maschinen oder in Bearbeitungszentren oder Transfermaschinen eingesetzt, wobei Geschwindigkeit und Vorschub rigoros eingehalten werden.

PREFORI DI MASCHIATURA
TAP DRILLS SELECTION
KERNLOCH- UND BOHRDURCHMESSER



NOTE TECNICHE / TECHNICAL NOTES

MASCHIE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

| Filettatura Metrica ISO - Passo grosso <i>Metric ISO thread - Coarse pitch Metrisches ISO-Regelgewinde grobe Steigung</i> | | | | Filettatura Metrica ISO - Passo fine <i>Metric ISO thread - Fine pitch Metrisches ISO-Regelgewinde feine Steigung</i> | | | | | | | |
|--|----------------------------|---|---|--|----------------------------|---|---|----|----------------------------|---|---|
| M | Passo Pitch Steigung | Ø max del nocciolo Max kern diameter max. Kern Ø mm | Ø di foratura Drill size Kernloch Ø mm | M | Passo Pitch Steigung | Ø max del nocciolo Max kern diameter max. Kern Ø mm | Ø di foratura Drill size Kernloch Ø mm | M | Passo Pitch Steigung | Ø max del nocciolo Max kern diameter max. Kern Ø mm | Ø di foratura Drill size Kernloch Ø mm |
| 1 | 0,25 | 0,785 | 0,75 | 2,5 | 0,35 | 2,221 | 2,15 | 26 | 1,00 | 25,153 | 25,00 |
| 1,1 | 0,25 | 0,885 | 0,85 | 3 | 0,35 | 2,721 | 2,65 | 26 | 1,50 | 24,676 | 24,50 |
| 1,2 | 0,25 | 0,985 | 0,95 | 3,5 | 0,35 | 3,221 | 3,15 | 26 | 2,00 | 24,210 | 24,00 |
| 1,4 | 0,30 | 1,160 | 1,10 | 4 | 0,50 | 3,559 | 3,50 | 27 | 1,00 | 26,153 | 26,00 |
| 1,6 | 0,35 | 1,321 | 1,25 | 4,5 | 0,50 | 4,099 | 4,00 | 27 | 1,50 | 25,676 | 25,50 |
| 1,7 | 0,35 | 1,346 | 1,30 | 5 | 0,50 | 4,599 | 4,50 | 27 | 2,00 | 25,210 | 25,00 |
| 1,8 | 0,35 | 1,521 | 1,45 | 5,5 | 0,50 | 5,099 | 5,00 | 28 | 1,00 | 27,153 | 27,00 |
| 2 | 0,40 | 1,679 | 1,60 | 6 | 0,75 | 5,378 | 5,20 | 28 | 1,50 | 26,676 | 26,50 |
| 2,2 | 0,45 | 1,838 | 1,75 | 7 | 0,75 | 6,378 | 6,20 | 28 | 2,00 | 26,210 | 26,00 |
| 2,3 | 0,40 | 1,920 | 1,90 | 8 | 0,75 | 7,378 | 7,20 | 30 | 1,00 | 29,153 | 29,00 |
| 2,5 | 0,45 | 2,138 | 2,05 | 8 | 1,00 | 7,153 | 7,00 | 30 | 1,50 | 28,676 | 28,50 |
| 2,6 | 0,45 | 2,176 | 2,10 | 9 | 0,75 | 8,378 | 8,20 | 30 | 2,00 | 28,210 | 28,00 |
| 3 | 0,50 | 2,599 | 2,50 | 9 | 1,00 | 8,153 | 8,00 | 30 | 3,00 | 27,252 | 27,00 |
| 3,5 | 0,60 | 3,010 | 2,90 | 10 | 0,75 | 9,378 | 9,20 | 32 | 1,50 | 30,675 | 30,50 |
| 4 | 0,70 | 3,422 | 3,30 | 10 | 1,00 | 9,153 | 9,00 | 32 | 2,00 | 30,210 | 30,00 |
| 4,5 | 0,75 | 3,878 | 3,70 | 10 | 1,25 | 8,912 | 8,80 | 33 | 1,50 | 31,676 | 31,50 |
| 5 | 0,80 | 4,334 | 4,20 | 11 | 0,75 | 10,378 | 10,20 | 33 | 2,00 | 31,210 | 31,00 |
| 6 | 1,00 | 5,153 | 5,00 | 11 | 1,00 | 10,153 | 10,00 | 33 | 3,00 | 30,252 | 30,00 |
| 7 | 1,00 | 6,153 | 6,00 | 12 | 1,00 | 11,153 | 11,00 | 35 | 1,50 | 33,676 | 33,50 |
| 8 | 1,25 | 6,912 | 6,80 | 12 | 1,25 | 10,912 | 10,80 | 36 | 1,50 | 34,676 | 34,50 |
| 9 | 1,25 | 7,912 | 7,80 | 12 | 1,50 | 10,676 | 10,50 | 36 | 2,00 | 34,210 | 34,00 |
| 10 | 1,50 | 8,676 | 8,50 | 14 | 1,00 | 13,153 | 13,00 | 36 | 3,00 | 33,252 | 33,00 |
| 11 | 1,50 | 9,676 | 9,50 | 14 | 1,25 | 12,912 | 12,80 | 38 | 1,50 | 36,676 | 36,50 |
| 12 | 1,75 | 10,441 | 10,20 | 14 | 1,50 | 12,676 | 12,50 | 39 | 1,50 | 37,676 | 37,50 |
| 14 | 2,00 | 12,210 | 12,00 | 15 | 1,00 | 14,153 | 14,00 | 39 | 2,00 | 37,210 | 37,00 |
| 16 | 2,00 | 14,210 | 14,00 | 15 | 1,50 | 13,676 | 13,50 | 39 | 3,00 | 36,252 | 36,00 |
| 18 | 2,50 | 15,774 | 15,50 | 16 | 1,00 | 15,153 | 15,00 | 40 | 1,50 | 38,676 | 38,50 |
| 20 | 2,50 | 17,744 | 17,50 | 16 | 1,50 | 14,676 | 14,50 | 40 | 2,00 | 38,210 | 38,00 |
| 22 | 2,50 | 19,744 | 19,50 | 17 | 1,00 | 16,153 | 16,00 | 40 | 3,00 | 37,252 | 37,00 |
| 24 | 3,00 | 21,252 | 21,00 | 17 | 1,50 | 15,676 | 15,50 | 42 | 1,50 | 40,676 | 40,50 |
| 27 | 3,00 | 24,252 | 24,00 | 18 | 1,00 | 17,153 | 17,00 | 42 | 2,00 | 40,210 | 40,00 |
| 30 | 3,50 | 26,771 | 26,50 | 18 | 1,50 | 16,676 | 16,50 | 42 | 3,00 | 39,252 | 39,00 |
| 33 | 3,50 | 29,771 | 29,50 | 18 | 2,00 | 16,210 | 16,00 | 45 | 1,50 | 43,676 | 43,50 |
| 36 | 4,00 | 32,270 | 32,00 | 20 | 1,00 | 19,153 | 19,00 | 45 | 2,00 | 43,210 | 43,00 |
| 39 | 4,00 | 35,270 | 35,00 | 20 | 1,50 | 18,676 | 18,50 | 45 | 3,00 | 42,252 | 42,00 |
| 42 | 4,50 | 37,799 | 37,50 | 20 | 2,00 | 18,210 | 18,00 | 48 | 1,50 | 46,676 | 46,50 |
| 45 | 4,50 | 40,799 | 40,50 | 22 | 1,00 | 21,153 | 21,00 | 48 | 2,00 | 46,210 | 46,00 |
| 48 | 5,00 | 43,297 | 43,00 | 22 | 1,50 | 20,676 | 20,50 | 48 | 3,00 | 45,252 | 45,00 |
| 52 | 5,00 | 47,297 | 47,00 | 22 | 2,00 | 20,210 | 20,00 | 50 | 1,50 | 48,676 | 48,50 |
| 56 | 5,50 | 50,796 | 50,50 | 24 | 1,00 | 23,153 | 23,00 | 50 | 2,00 | 48,210 | 48,00 |
| 60 | 5,50 | 54,796 | 54,50 | 24 | 1,50 | 22,676 | 22,50 | 50 | 3,00 | 47,252 | 47,00 |
| 64 | 6,00 | 58,305 | 58,00 | 24 | 2,00 | 22,210 | 22,00 | 52 | 1,50 | 50,676 | 50,50 |
| 68 | 6,00 | 62,305 | 62,00 | 25 | 1,00 | 24,153 | 24,00 | 52 | 2,00 | 50,210 | 50,00 |
| | | | | 25 | 1,50 | 23,676 | 23,50 | 52 | 3,00 | 49,252 | 49,00 |
| | | | | 25 | 2,00 | 23,210 | 23,00 | | | | |

PREFORI DI MASCHIATURA
TAP DRILLS SELECTION
KERNLOCH- UND BOHRDURCHMESSER



| Filettatura americana UNC - Passo grosso <i>American UNC thread - Coarse pitch Amerikanisches UNC-Gewinde grobe Steigung</i> | | | | Filettatura americana UNF - Passo fine <i>American UNF thread - Fine pitch Amerikanisches UNF-Gewinde feine Steigung</i> | | | | Filettatura GAS cilindrica <i>BSP Whitworth pipe thread British Standard Pipe Gewinde</i> | | | |
|---|---|---|--|---|---|---|--|--|---|---|--|
| UNC | Filetti per 1" <i>Threads per inch Gang pro inch</i> | Ø max del nocciolo <i>Max kern diameter max. Kern Ø mm</i> | Ø di foratura <i>Drill size Kernloch Ø mm</i> | UNF | Filetti per 1" <i>Threads per inch Gang pro inch</i> | Ø max del nocciolo <i>Max kern diameter max. Kern Ø mm</i> | Ø di foratura <i>Drill size Kernloch Ø mm</i> | G | Filetti per 1" <i>Threads per inch Gang pro inch</i> | Ø max del nocciolo <i>Max kern diameter max. Kern Ø mm</i> | Ø di foratura <i>Drill size Kernloch Ø mm</i> |
| 1 | 64 | 1,582 | 1,55 | 0 | 80 | 1,306 | 1,25 | 1/8" | 28 | 8,848 | 8,80 |
| 2 | 56 | 1,872 | 1,85 | 1 | 72 | 1,613 | 1,55 | 1/4" | 19 | 11,890 | 11,80 |
| 3 | 48 | 2,146 | 2,10 | 2 | 64 | 1,913 | 1,85 | 3/8" | 19 | 15,395 | 15,25 |
| 4 | 40 | 2,385 | 2,35 | 3 | 56 | 2,197 | 2,15 | 1/2" | 14 | 19,172 | 19,00 |
| 5 | 40 | 2,697 | 2,65 | 4 | 48 | 2,459 | 2,40 | 5/8" | 14 | 21,128 | 21,00 |
| 6 | 32 | 2,896 | 2,85 | 5 | 44 | 2,741 | 2,70 | 3/4" | 14 | 24,658 | 24,50 |
| 8 | 32 | 3,528 | 3,50 | 6 | 40 | 3,012 | 2,95 | 7/8" | 14 | 28,418 | 28,25 |
| 10 | 24 | 3,950 | 3,90 | 8 | 36 | 3,597 | 3,50 | 1" | 11 | 30,931 | 30,75 |
| 12 | 24 | 4,590 | 4,50 | 10 | 32 | 4,168 | 4,10 | 1 1/8" | 11 | 35,579 | 35,50 |
| 1/4" | 20 | 5,250 | 5,10 | 12 | 28 | 4,717 | 4,60 | 1 1/4" | 11 | 39,592 | 39,50 |
| 5/16" | 18 | 6,680 | 6,60 | 1/4" | 28 | 5,563 | 5,50 | 1 3/8" | 11 | 42,005 | 41,90 |
| 3/8" | 16 | 8,082 | 8,00 | 5/16" | 24 | 6,995 | 6,90 | 1 1/2" | 11 | 45,485 | 45,25 |
| 7/16" | 14 | 9,441 | 9,40 | 3/8" | 24 | 8,565 | 8,50 | 1 5/8" | 11 | 49,670 | 49,60 |
| 1/2" | 13 | 10,881 | 10,80 | 7/16" | 20 | 9,947 | 9,90 | 1 3/4" | 11 | 51,428 | 51,00 |
| 9/16" | 12 | 12,301 | 12,20 | 1/2" | 20 | 11,524 | 11,50 | 2" | 11 | 57,296 | 57,00 |
| 5/8" | 11 | 13,693 | 13,50 | 9/16" | 18 | 12,969 | 12,90 | 2 1/4" | 11 | 63,392 | 63,30 |
| 3/4" | 10 | 16,624 | 16,50 | 5/8" | 18 | 14,554 | 14,50 | 2 3/8" | 11 | 67,080 | 67,00 |
| 7/8" | 9 | 19,520 | 19,50 | 3/4" | 16 | 17,546 | 17,50 | 2 1/2" | 11 | 72,866 | 72,80 |
| 1" | 8 | 22,344 | 22,25 | 7/8" | 14 | 20,493 | 20,40 | 2 3/4" | 11 | 79,216 | 79,10 |
| 1 1/8" | 7 | 25,082 | 25,00 | 1" | 12 | 23,363 | 23,25 | 3" | 11 | 85,566 | 85,50 |
| 1 1/4" | 7 | 28,258 | 28,00 | 1 1/8" | 12 | 26,538 | 26,50 | 3 1/4" | 11 | 91,662 | 91,50 |
| 1 3/8" | 6 | 30,851 | 30,75 | 1 1/4" | 12 | 29,713 | 29,50 | 3 1/2" | 11 | 98,012 | 98,00 |
| 1 1/2" | 6 | 34,026 | 34,00 | 1 3/8" | 12 | 32,888 | 32,75 | 3 3/4" | 11 | 104,362 | 104,00 |
| 1 3/4" | 5 | 39,560 | 39,50 | 1 1/2" | 12 | 36,063 | 36,00 | 4" | 11 | 110,712 | 110,50 |
| 2" | 4,5 | 45,367 | 45,00 | | | | | | | | |



| Filettatura americana unificata Passo costante <i>American Standard thread - Constant coarse Amerikanisches Einheitsgewinde mit konstanter Steigung</i> | | | |
|---|---|---|--|
| | Filetti per 1" <i>Threads per inch Gang pro inch</i> | Ø max del nocciolo <i>Max kern diameter max. Kern Ø mm</i> | Ø di foratura <i>Drill size Kernloch Ø mm</i> |
| 1 1/8" | 8 | 25,519 | 25,40 |
| 1 1/4" | 8 | 28,694 | 28,60 |
| 1 3/8" | 8 | 31,869 | 31,80 |
| 1 1/2" | 8 | 35,044 | 35,00 |
| 1 5/8" | 8 | 38,219 | 38,10 |
| 1 3/4" | 8 | 41,394 | 41,30 |
| 1 7/8" | 8 | 44,569 | 44,50 |
| 2" | 8 | 47,744 | 47,70 |
| 2 1/4" | 8 | 57,15 | 54,00 |
| 2 1/2" | 8 | 63,50 | 60,30 |

PREFORI DI MASCHIATURA
TAP DRILLS SELECTION
KERNLOCH- UND BOHRDURCHMESSER



NOTE TECNICHE / TECHNICAL NOTES

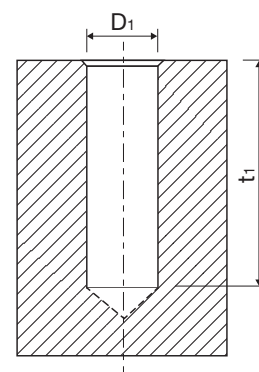
MASCHIE FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

| Filettature Whitworth Whitworth thread BSW BSW (Whitworth)-Gewinde | | | Maschi a rullare / Rolling taps / Gewinderoller | | | | | |
|--|---|--|--|-----------------------------------|--|--|-----------------------------------|--|
| | | | Filettature Metriche ISO - Passo grosso Metric ISO thread - Coarse pitch Metrisches ISO-Regelgewinde - grobe Steigung | | | Filettature Metriche ISO - Passo fine Metric ISO thread - Fine pitch Metrisches ISO-Regelgewinde - feine Steigung | | |
| Filetti per 1" Threads per inch Gang pro inch | Ø max del nocciolo Max kern diameter max. Kern ø mm | Ø di foratura Drill size Kernloch ø mm | M | Passo Pitch Steigung | Ø di foratura Drill size Kernloch ø mm | MF | Passo Pitch Steigung | Ø di foratura Drill size Kernloch ø mm |
| 3/32" 48 | 1,910 | 1,90 | M 2 | 0,4 | 1,85 ± 0,03 | M 3 | 0,35 | 2,85 ± 0,03 |
| 1/8" 40 | 2,590 | 2,55 | 2,5 | 0,45 | 2,30 ± 0,03 | 4 | 0,5 | 3,80 ± 0,03 |
| 5/32" 32 | 3,211 | 3,20 | 3 | 0,5 | 2,80 ± 0,03 | 5 | 0,5 | 4,80 ± 0,03 |
| 3/16" 24 | 3,743 | 3,70 | 3,5 | 0,6 | 3,25 ± 0,03 | 6 | 0,75 | 5,65 ± 0,03 |
| 7/32" 24 | 4,538 | 4,50 | 4 | 0,7 | 3,70 ± 0,03 | 8 | 1 | 7,55 ± 0,05 |
| 1/4" 20 | 5,224 | 5,10 | 5 | 0,8 | 4,65 ± 0,03 | 10 | 1 | 9,55 ± 0,05 |
| 5/16" 18 | 6,661 | 6,50 | 6 | 1 | 5,55 ± 0,05 | 10 | 1,25 | 9,40 ± 0,05 |
| 3/8" 16 | 8,052 | 7,90 | 8 | 1,25 | 7,40 ± 0,05 | 12 | 1 | 11,55 ± 0,05 |
| 7/16" 14 | 9,379 | 9,25 | 10 | 1,5 | 9,30 ± 0,05 | 12 | 1,25 | 11,40 ± 0,05 |
| 1/2" 12 | 10,610 | 10,50 | 12 | 1,75 | 11,20 ± 0,05 | 12 | 1,5 | 11,30 ± 0,05 |
| 9/16" 12 | 12,176 | 12,00 | 14 | 2 | 13,10 ± 0,05 | 14 | 1,25 | 13,40 ± 0,05 |
| 5/8" 11 | 13,598 | 13,50 | 16 | 2 | 15,10 ± 0,05 | 14 | 1,5 | 13,30 ± 0,05 |
| 3/4" 10 | 16,538 | 16,40 | 18 | 2,5 | 16,90 ± 0,05 | 16 | 1,5 | 15,30 ± 0,05 |
| 7/8" 9 | 19,411 | 19,25 | 20 | 2,5 | 18,90 ± 0,05 | 18 | 1,5 | 17,30 ± 0,05 |
| 1" 8 | 22,185 | 22,00 | 24 | 3 | 22,70 ± 0,05 | 20 | 1,5 | 19,30 ± 0,05 |
| 1 1/8" 7 | 24,879 | 24,75 | 27 | 3 | 25,70 ± 0,05 | | | |
| 1 1/4" 7 | 28,054 | 27,75 | 30 | 3,5 | 28,45 ± 0,05 | | | |
| 1 3/8" 6 | 30,555 | 30,30 | | | | | | |
| 1 1/2" 6 | 33,730 | 33,50 | | | | | | |
| 1 5/8" 5 | 35,921 | 35,50 | | | | | | |
| 1 3/4" 5 | 39,096 | 39,00 | | | | | | |
| 1 7/8" 4,5 | 41,648 | 41,50 | | | | | | |
| 2" 4,5 | 44,823 | 44,50 | | | | | | |
| 2 1/4" 4 | 50,420 | 50,00 | | | | | | |
| 2 1/2" 4 | 56,770 | 56,30 | | | | | | |
| 2 3/4" 3,5 | 62,108 | 61,50 | | | | | | |
| 3" 3,5 | 68,459 | 68,00 | | | | | | |

Prefori cilindrici, senza uso di alesatore

Tap drills, without reamers / Bohrungen für Gewinde, ohne Reibahle

| Diam | Filetti per 1" <i>Threads per inch Gang pro inch</i> | | D1(mm) | | | t1(mm) | |
|--------|---|--------------|--------|------|--------------|-------------|--------------|
| | NPT NPTF | Rc (BSPT) | NPT | NPTF | Rc (BSPT) | NPT NPTF | Rc (BSPT) |
| 1/16" | 27 | 28 | 6,15 | 6,15 | 6,2 | 12 | 11,9 |
| 1/8" | 27 | 28 | 8,5 | 8,5 | 8,2 | 12 | 11,9 |
| 1/4" | 18 | 19 | 11 | 11 | 11 | 17,5 | 17,7 |
| 3/8" | 18 | 19 | 14,5 | 14,5 | 14,5 | 17,6 | 18,1 |
| 1/2" | 14 | 14 | 17,85 | 17,8 | 18 | 22,9 | 24 |
| 3/4" | 14 | 14 | 23,2 | 23 | 23,5 | 23 | 25,3 |
| 1" | 11 1/2 | 11 | 29 | 29 | 29,5 | 27,4 | 30,6 |
| 1 1/4" | 11 1/2 | 11 | 37,8 | 37,8 | 38 | 28,1 | 32,9 |
| 1 1/2" | 11 1/2 | 11 | 44 | 43,8 | 44 | 28,4 | 32,9 |
| 2" | 11 1/2 | 11 | 56 | 56 | 55,5 | 28,4 | 37,2 |



Prefori cilindrici, ripassati con alesatore conico

Tap drills, with conical reamers / Bohrungen für Gewinde, mit Konischen Reibahlen

| Diam | Filetti per 1" <i>Threads per inch Gang pro inch</i> | | D2(mm) | | D3(mm) | | | t1(mm) | |
|--------|---|--------------|-------------|--------------|--------|-------|--------------|-------------|--------------|
| | NPT NPTF | Rc (BSPT) | NPT NPTF | Rc (BSPT) | NPT | NPTF | Rc (BSPT) | NPT NPTF | Rc (BSPT) |
| 1/16" | 27 | 28 | 5,95 | 6,1 | 6,39 | 6,41 | 6,56 | 12 | 11,9 |
| 1/8" | 27 | 28 | 8,25 | 8,1 | 8,74 | 8,76 | 8,57 | 12 | 11,9 |
| 1/4" | 18 | 19 | 10,75 | 10,75 | 11,36 | 11,4 | 11,45 | 17,5 | 17,7 |
| 3/8" | 18 | 19 | 14,1 | 14,25 | 14,8 | 14,84 | 14,95 | 17,6 | 18,1 |
| 1/2" | 14 | 14 | 17,5 | 17,75 | 18,32 | 18,33 | 18,63 | 22,9 | 24 |
| 3/4" | 14 | 14 | 22,7 | 23 | 23,67 | 23,68 | 24,12 | 23 | 25,3 |
| 1" | 11 1/2 | 11 | 28,6 | 29 | 29,69 | 29,72 | 30,29 | 27,4 | 30,6 |
| 1 1/4" | 11 1/2 | 11 | 37,3 | 37,5 | 38,45 | 38,48 | 38,95 | 28,1 | 32,9 |
| 1 1/2" | 11 1/2 | 11 | 43,5 | 45,5 | 44,52 | 44,55 | 44,85 | 28,4 | 32,9 |
| 2" | 11 1/2 | 11 | 55,5 | 55 | 56,56 | 56,59 | 56,66 | 28,4 | 37,2 |

