





MASCHI & FILIERE

TAPS & ROUND DIES

GEWINDEBOHRER & SCHNEIDEISEN



MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

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

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



T100	pag. 698
T101H	pag. 699
T101HW	pag. 700
T101S	pag. 701
T101SW	pag. 702
T104X	pag. 703
T105	pag. 704
T108	pag. 705
T110	pag. 706
T120	pag. 707
T121H	pag. 709
T126	pag. 710
T130	pag. 711
T131H	pag. 712
T140	pag. 713
T145	pag. 714
T150	pag. 715
T160	pag. 716
T170	pag. 717
T175	pag. 718

Maschi a macchina elicoidali a 15° per fori ciechi

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



T200	pag. 719
T201H	pag. 720
T201HW	pag. 721
T208	pag. 722
T210	pag. 723
T220	pag. 724
T221H	pag. 726
T221HW	pag. 727
T230	pag. 728
T240	pag. 729
T245H	pag. 730
T245	pag. 730
T250	pag. 731
T270	pag. 732
T280	pag. 733

**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*



T300R	pag. 734
T300R+	pag. 735
T301H	pag. 736
T301HW	pag. 737
T301S	pag. 738
T301SW	pag. 739
T304XR	pag. 740
T305R	pag. 741
T308R	pag. 742
T310R	pag. 743
T320R	pag. 744
T321HR	pag. 745
T330R	pag. 746
T331H	pag. 747
T340R	pag. 748
T345R	pag. 749
T350R	pag. 750

**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*



T400	pag. 751
T401	pag. 752
T403	pag. 753
T440	pag. 754
T450	pag. 755

Maschi a macchina a rullare

Machine rolling taps
Maschinengewindeformer



T501H	pag. 756
T501HW	pag. 757
T521H	pag. 758
T531H	pag. 759

Maschi a macchina per ghisa

Machine taps for cast iron
Maschinengewindebohrer für Gusseisen



T600	pag. 760
T601H	pag. 761
T601HW	pag. 762
T601S	pag. 763
T601SW	pag. 764
T605	pag. 765
T609	pag. 766
T620	pag. 767
T630	pag. 768
T639	pag. 769
T640	pag. 770
T650	pag. 771

Maschi a macchina per lavorazioni speciali

Machine taps for special machining
Maschinengewindebohrer für Sonderbearbeitungen



T700	pag. 772
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per filetti riportati
for wire thread
Drahtgewindeeinsatz

T801H	pag. 773
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per materiali duri
for hard materials
für harte Materialien
R=1300÷1800 N/mm²

T8201	pag. 774
T8241	pag. 775
T8246	pag. 776

per bronzo d'alluminio
for aluminium bronze
für Aluminiumbronze

T9201H	pag. 777
T9241H	pag. 778
T9245H	pag. 779

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



T010	pag. 780
T011	pag. 781
T020	pag. 782
T030	pag. 784
T040	pag. 785
T050	pag. 786
T080	pag. 787

Filiere tonda

Round dies
runde Schneideisen



TF10	pag. 788
TF20	pag. 789
TF30	pag. 791
TF40	pag. 792
TF50	pag. 793
TF60	pag. 794
TF70	pag. 795
TF80	pag. 796

TIPO DI FILETTO TYPE OF THREAD GEWINDEART	Maschi a macchina imbocco corretto scanalature dritte per fori passanti <i>Machine taps straight fluted for trough holes Maschinengewindebohrer mit Schälanschnitt gerade genutet für Durchgangsbohrungen</i>	Maschi a macchina elicoidali a 15° per fori ciechi <i>15° helix for blind holes Maschinengewindebohrer Drallwinkel 15° für Sackbohrungen</i>	Maschi a macchina elicoidali a 40° forte torsione rastremati per fori ciechi <i>Machine taps 40° helix tapered for blind holes Maschinengewindebohrer Drallwinkel 40° starker Drall, konisch für Sackbohrungen</i>	Maschi a macchina elicoidali a 40° per leghe leggere per fori ciechi <i>Machine taps 40° helix for light metals for blind holes Maschinengewindebohrer Drallwinkel 40° für leichte Legierungen für Sackbohrungen</i>
Metrico ISO Passo grosso <i>Metric ISO</i> <i>Coarse pitch</i> <i>metrisches</i> <i>ISO-Regelgewinde</i> <i>grobe Steigung</i>	T100 T101H T101HW T101S T101SW T104X T105 T108 T110	T200 T201H T201HW T208 T210	T300R T300R+ T301H T301HW T301S T301SW T304XR T305R T308R T310R	T400 T401 T403
Metrico ISO Passo fine <i>Metric ISO Fine pitch</i> <i>Metrisches ISO-Regelgewinde</i> <i>feine Steigung</i>	T120 T121H T126	T220 T221H T221HW	T320R T321H	
GAS cilindrica <i>British Standard Pipe</i> <i>zylindrisches</i> <i>Gasflaschenventilgewinde</i>	T130 T131H	T230	T330R T331H	
UNC Passo grosso <i>UNC american fine thread</i> <i>UNC amerikanisches</i> <i>Grobgewinde</i>	T140	T240	T340R	T440
UN Passo costante <i>UN constant thread</i> <i>UN Einheitsgewinde mit</i> <i>konstanter Steigung</i>	T145	T245H T245	T345R	
UNF Passo fine <i>UNF american fine thread</i> <i>UNF amerikanisches Einheits-</i> <i>Feingewinde</i>	T150	T250	T350R	T450
GAS conica <i>British Standard Taper Pipe Thread</i> <i>konisches Rohrgewinde</i>	T160			
Conica NPT <i>American Standard Taper Pipe Thread</i> <i>NPT amerikanisches Standard-</i> <i>Rohrgewinde, kegelig</i>	T170 T175	T270		
Whitworth <i>British Standard Whitworth</i> <i>British Standard</i> <i>Whitworth Gewinde</i>		T280		

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

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:



T101H	> pag. 699	T331H	> pag. 747
T101HW	> pag. 700	T501H	> pag. 756
T121H	> pag. 709	T501HW	> pag. 757
T131H	> pag. 712	T521H	> pag. 758
T201H	> pag. 720	T531H	> pag. 759
T201HW	> pag. 721	T601H	> pag. 761
T221H	> pag. 726	T601HW	> pag. 762
T221HW	> pag. 727	T801H	> pag. 773
T245H	> pag. 730	T9201H	> pag. 777
T301H	> pag. 736	T9241H	> pag. 778
T301HW	> pag. 737	T9245H	> pag. 779
T321H	> pag. 745		

VANTAGGI ADVANTAGES: VORTEILE:

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

NOTE:

- Impiego ideale su materiali alto legati

NOTES:

- To use on high alloy steel
- To pay **ATTENTION** when you use on low carbon steel (rigid synchronized chucks - see page 929)

- Su materiali a basso contenuto di carbonio usare con **ATTENZIONE** (maschiatori rigidi sincronizzati - vedi pag. 929)

ANMERKUNGEN:

- ideal für hochlegierte Werkstoffe
- **VORSICHT** bei der Verwendung von Werkstoffen mit niedrigem Kohlenstoffgehalt (Synchron-Gewindebohrer-Schnellwechselfutter - s. S. 929)

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:

T101S	> pag. 701
T101SW	> pag. 702
T301S	> pag. 738
T301SW	> pag. 739
T601S	> pag. 763
T601SW	> pag. 764

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. 929)

NOTES:

- To use only with rigid chucks or rigid synchronized chucks (see page 929)

ANMERKUNGEN:

- nur mit Werkzeughalter für Gewindeschneider oder mit Synchron-Gewindebohrer-Schnellwechselfutter verwenden (s. S. 929)

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.

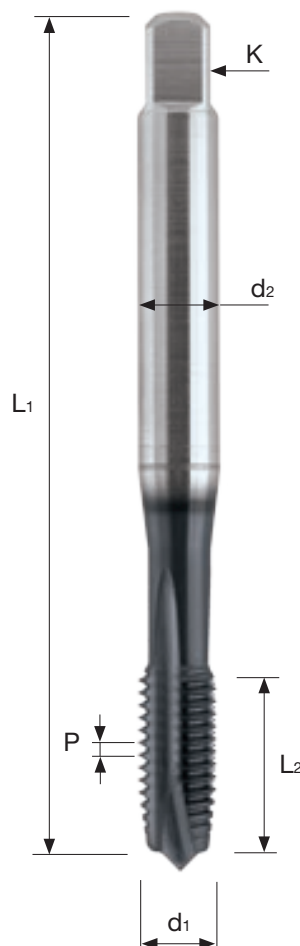
T100

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 dritte 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:

Example of order:
 Beispiel für einen Auftrag:

T100 M52 KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T101H

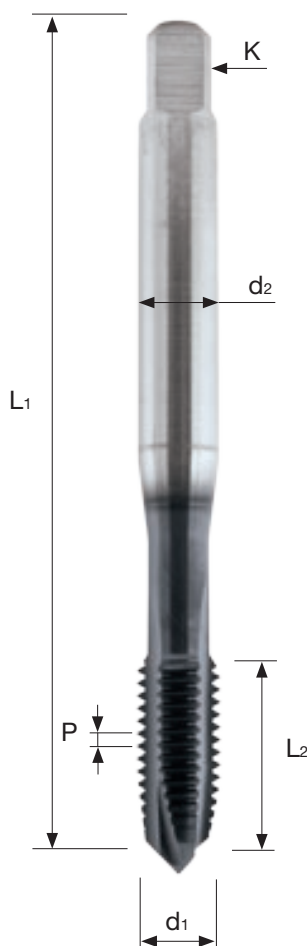
Filettatura metrica ISO - Passo grosso - DIN 13

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:

Example of order:
 Beispiel für einen Auftrag:

T101H M20 KP60

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

T101HW

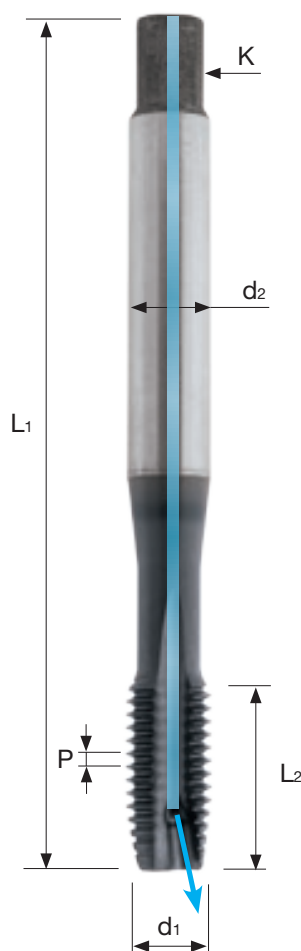
Filettatura Metrica ISO - Passo grosso - DIN 13

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	Ø 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	201	10,0	8,0	-	●
T101HW M12	M12	1,75	10,2	110	25	9,0	7,0	-	●
T101HW M14	M14	2	12,2	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:

Example of order:
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 dritte 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:

Example of order:
Beispiel für einen Auftrag:

T101S M16 KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T101SW

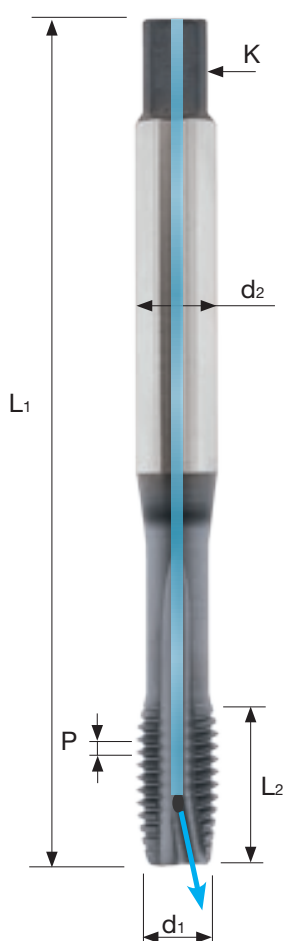
- Filettatura metrica ISO - Passo grosso - **Per maschiatura sincronizzata - DIN 13**

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

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

- | | | |
|--|---|---|
| - Tolleranza: 6HX | - 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 2/3 filetti | - 2/3 spiral points lead-in | - 2-3 Gang Anschnitt |
| - DIN 371 fino al Ø 12 | - DIN 371 up to Ø 12 | - DIN 371 bis Ø 12 |
| - DIN 376 dal Ø 14 | - DIN 376 from Ø 14 | - 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	-	○

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:

Example of order:
 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 dritte 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

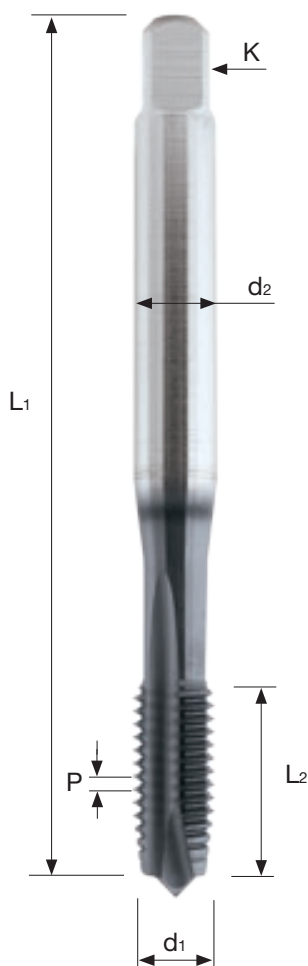
- Toleranz ISO2 6HX

- 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	Ø 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:

Example of order:
 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

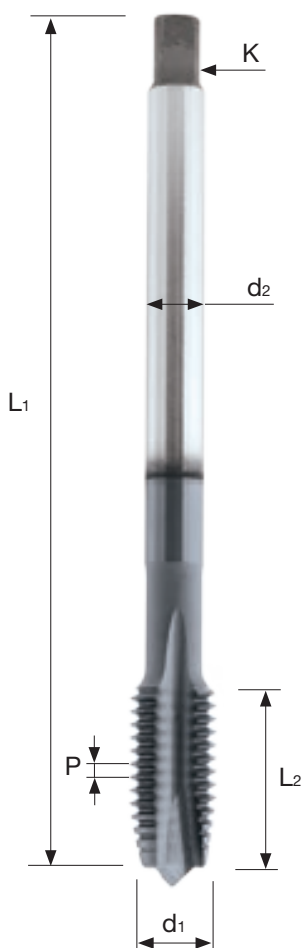
- 4/5 spiral points lead-in

- 4-5 Gang Anschnitt

- DIN 376

- DIN 376

- DIN 376



CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE							HSS-E	VAP	KP 60
	d ₁	P	Ø 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:

Example of order:
 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

- Scanalature diritte con imbocco
 corretto per fori passanti

- Imbocco 4/5 filetti

- Tolerance: ISO2 6H

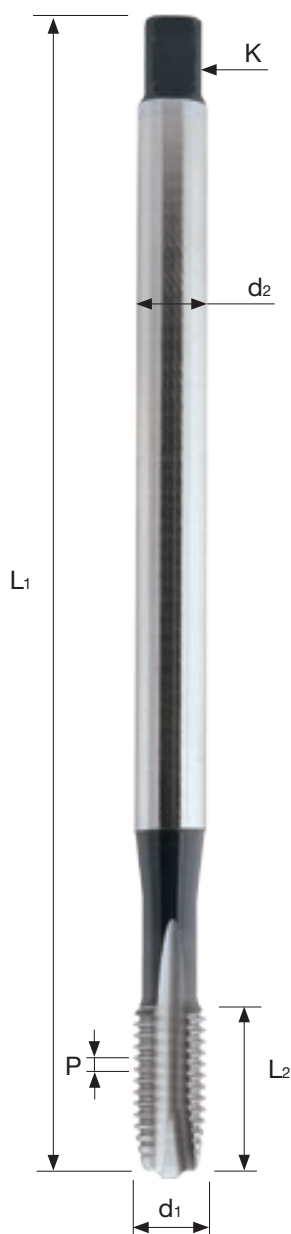
- Straight fluted with spiral point
 for through holes

- 4/5 spiral points lead-in

- Toleranz ISO2 6H

- gerade genutet mit Schälanschnitt
 für Durchgangsbohrungen

- 4-5 Gang Anschnitt



CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE							HSS-E	KP 60
	d ₁	P	Ø 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:

Example of order:
 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

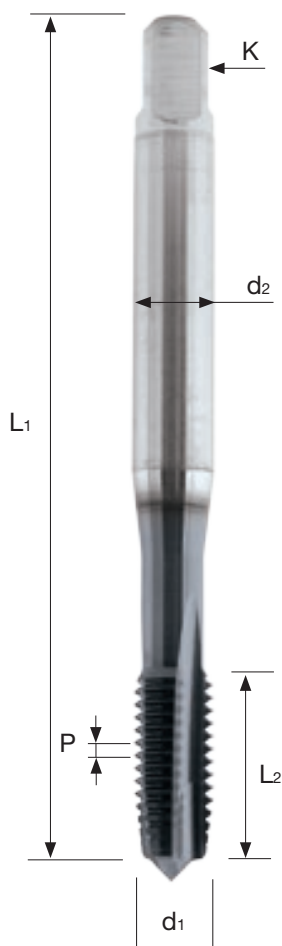
- Toleranz: **ISO1 4H oder ISO3 6G**

- 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			
T4H	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	●	-	●	
T6G	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:

Example of order:
 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 dritte 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

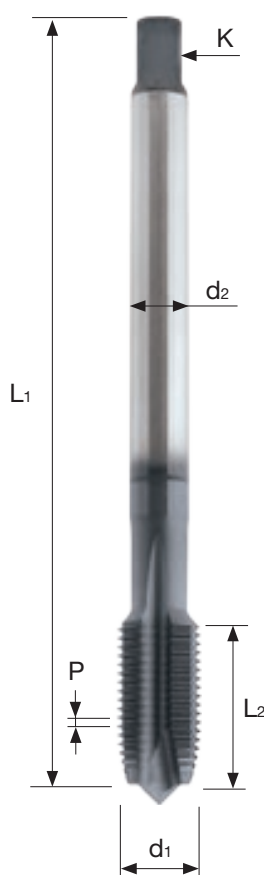
- DIN 374

- Toleranz ISO2 6H

- gerade genutet mit Schälanschnitt
für Durchgangsbohrungen

- 4-5 Gang Anschnitt

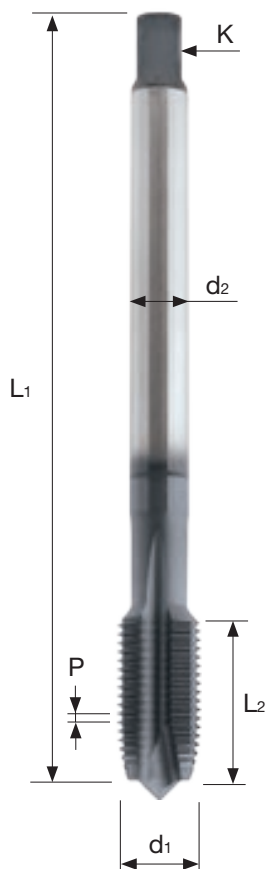
- DIN 374



CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE							HSS-E	VAP	KP 60
	d ₁	P	Ø 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	Ø 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:
 Example of order:
 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 dritte 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

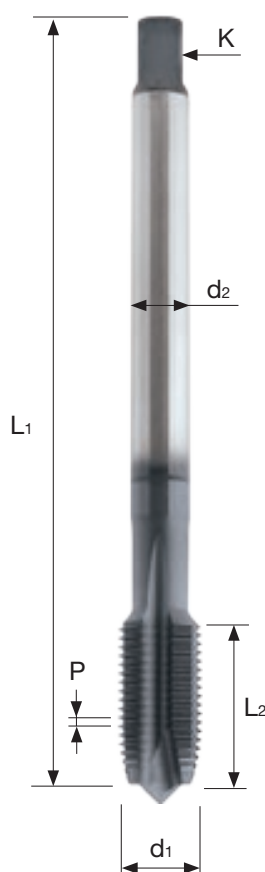
- Toleranz 6HX

- 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	Ø 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:

Example of order:
Beispiel für einen Auftrag:

T121H M20x1,5 KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T126

- Filettatura metrica ISO - Passo fine - **Tolleranze speciali**
 - UNI 4535-64

- Metric ISO thread - Fine pitch - **Special tolerances** - UNI 4535-64

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

- Tolleranza: **ISO3 6G**

- Scanalature diritte con imbocco
 corretto per fori passanti

- Imbocco 4/5 filetti

- DIN 374

- Tolerance: **ISO3 6G**

- Straight fluted with spiral point
 for through holes

- 4/5 spiral points lead-in

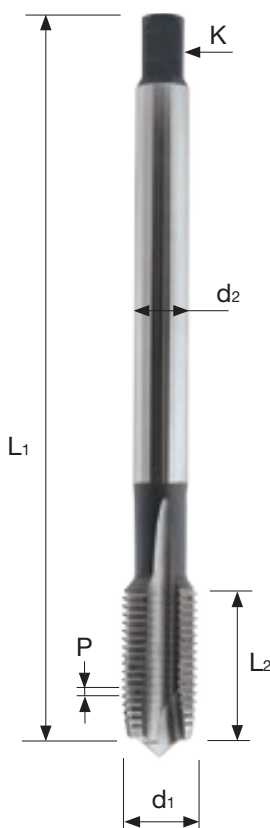
- DIN 374

-Toleranz: **ISO3 6G**

- 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	Ø preforo Drill size Kernloch	L ₁	L ₂	d ₂	K			
T126 M6x0,75 T6G	M6	0,75	5,2	80	14	4,5	3,4	●	-	●
T126 M8x1 T6G	M8	1	7,0	90	16	6,0	4,9	●	-	●
T126 M10x1,25 T6G	M10	1,25	8,8	100	18	7,0	5,5	●	-	●
T126 M10x1 T6G	M10	1	9,0	90	18	7,0	5,5	●	-	●
T126 M12x1,5 T6G	M12	1,5	10,5	100	22	9,0	7,0	●	-	●
T126 M14x1,5 T6G	M14	1,5	12,5	100	22	11,0	9,0	●	-	●

ESEMPIO DI ORDINE:

Example of order:
 Beispiel für einen Auftrag:

T126 M14x1,5 T6G KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

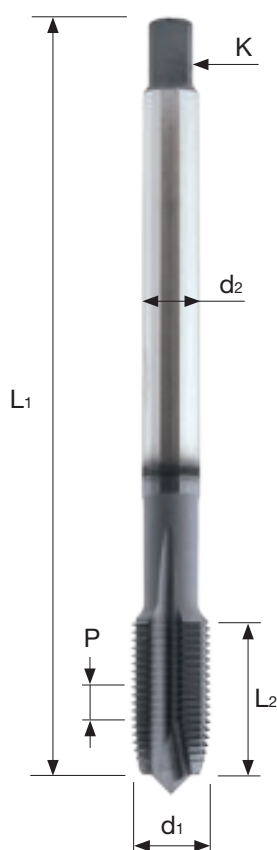
T130

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

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

- 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	Ø 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:

Example of order:
 Beispiel für einen Auftrag:

T130 G 1-1/2" KP60

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

T131H

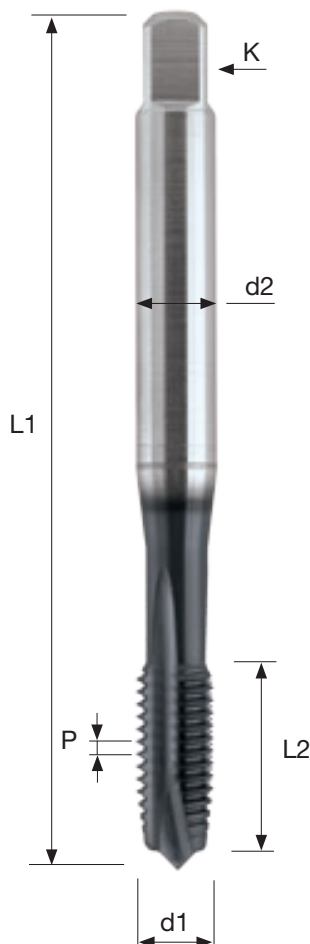
- Filettatura GAS cilindrica (55°) - EN ISO 228

- British Standard Pipe Thread (55°) - EN ISO 228

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

- | | | |
|--|--|--|
| - Tolleranza: ISO5969X | - Tolerance: ISO5969X | - Toleranz: ISO5969X |
| - Scanalature dritte 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	KP 60
	d ₁	P	Ø 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:

Example of order:
 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

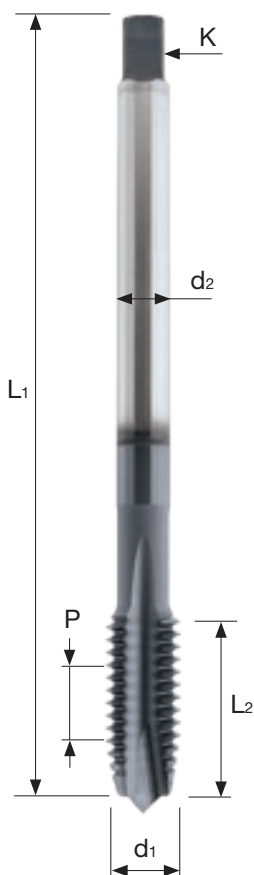
- DIN 2184-1

- Toleranz: 2B

- geradenutet 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	Ø 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:

Example of order:
Beispiel für einen Auftrag:

T140 1-3/4" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T145

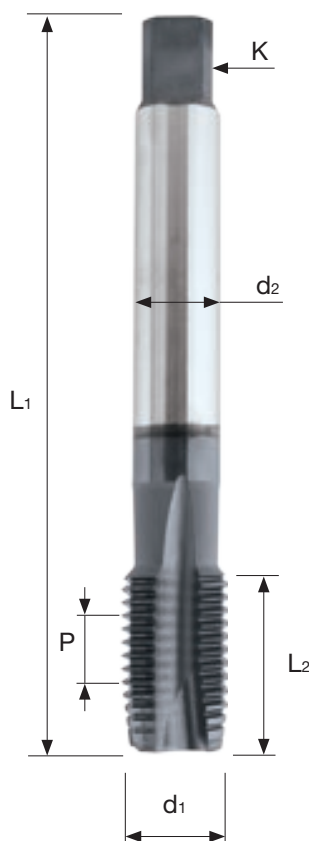
- Filettatura Americana Unif. - Passo costante - **8 filetti**
 - ASME B1.1

- 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	Ø 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:

Example of order:
 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

- 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

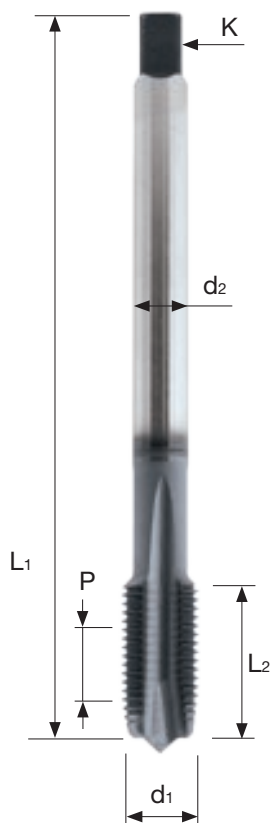
- gerade genutet mit Schälanschnitt
für Durchgangsbohrungen

- 4-5 Gang Anschnitt

- DIN 2184-1

T150

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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			
T150 nr 2	nr 2	64	2,184	1,9	45	10	2,8	2,1	●	-	●
T150 nr 3	nr 3	56	2,515	2,1	50	11	2,8	2,1	●	-	●
T150 nr 4	nr 4	48	2,845	2,4	50	12	3,5	2,7	●	-	●
T150 nr 5	nr 5	44	3,175	2,7	56	12	3,5	2,7	●	-	●
T150 nr 6	nr 6	40	3,505	3,0	56	12	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	70	16	6,0	4,9	●	-	●
T150 1/4"	1/4"	28	6,350	5,5	80	16	4,5	3,4	●	-	●
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	7,0	5,5	●	-	●
T150 7/16"	7/16"	20	11,113	9,9	100	20	9,0	7,0	●	-	●
T150 1/2"	1/2"	20	12,700	11,5	100	22	11,0	9,0	●	-	●
T150 9/16"	9/16"	18	14,288	12,9	100	22	12,0	9,0	●	-	●
T150 5/8"	5/8"	18	15,875	14,5	110	25	12,0	9,0	●	-	●
T150 3/4"	3/4"	16	19,050	17,5	125	25	14,0	11,0	●	-	●
T150 7/8"	7/8"	14	22,225	20,4	140	28	18,0	12,0	●	-	●
T150 1"	1"	12	25,400	23,3	150	32	20,0	16,0	●	-	●
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	170	36	22,0	18,0	●	-	●
T150 1-1/2"	1-1/2"	12	38,100	36,0	180	40	32,0	24,0	●	-	●

ESEMPIO DI ORDINE:

Example of order:
Beispiel für einen Auftrag:

T150 1-1/2" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T160

- Filettatura GAS Conica (1:16 - 55°) BS21 - DIN EN 10226-2

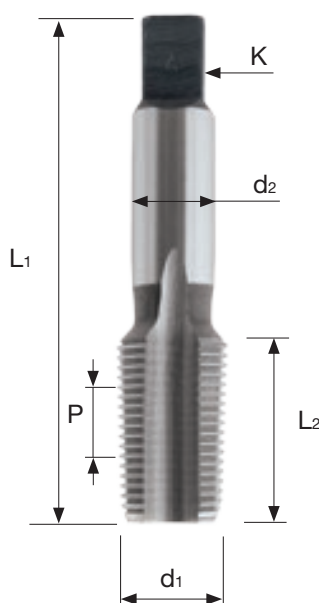
- British Standard Taper Pipe Thread (1:16 - 55°) BS21 - DIN EN 10226-2

- 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	Ø 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:

Example of order:
 Beispiel für einen Auftrag:

T160 Rc 2" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

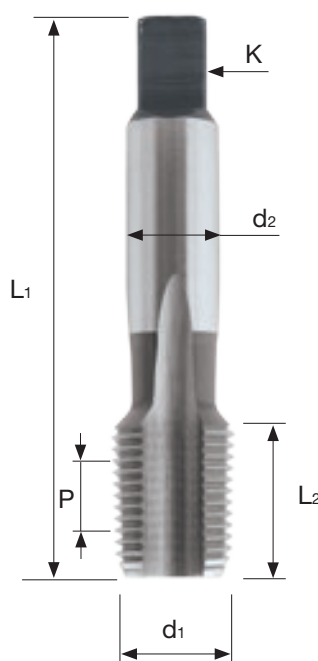
T170

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

Example of order:
 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°)

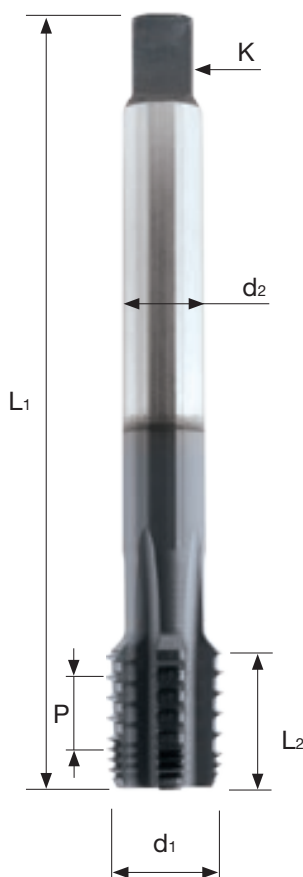
- American Standard Taper Pipe Thread (1:16 - 60°)

- 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 20 KP 30 KP 60
	d ₁	P	Ø 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:
 Example of order:
 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

- Scanalature elicoidali a 15° per fori ciechi

- Imbocco 2/3 filetti

- DIN 371 fino al Ø 10

- DIN 376 dal Ø 11

- Tolerance: ISO2 6H

- 15° spiral fluted for blind holes

- 2/3 spiral point s lead-in

- DIN 371 up to Ø 10

- DIN 376 from Ø 11

- Toleranz: ISO 6H

- spiral genutet 15° für Sacklöcher

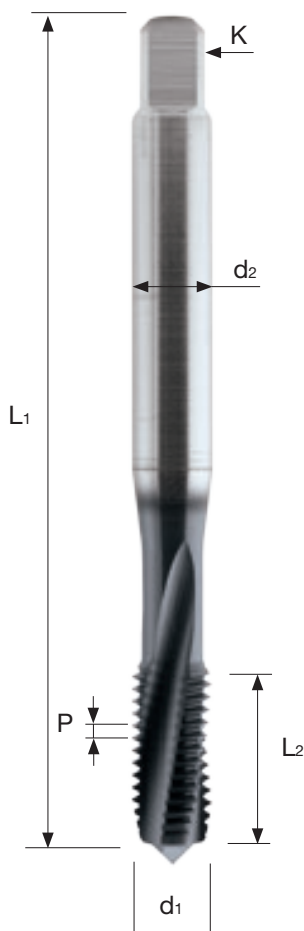
- 2-3 Gang Anschnitt

- DIN 371 bis Ø 10

- DIN 376 ab Ø 11

T200

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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	40,0	32,0	●	-	●

ESEMPIO DI ORDINE:

Example of order:
 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

- Scanalature elicoidali a 15° per fori ciechi

- Imbocco 2/3 filetti

- DIN 371 fino al Ø 10

- DIN 376 dal Ø 12

- Tolerance: 6 HX

- 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: 6HX

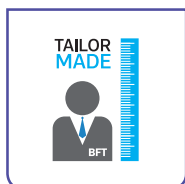
- spiral genutet 15° für Sacklöcher

- 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		
T201H M3	M3	0,5	2,5	56	10	3,5	2,7	-	●
T201H M4	M4	0,7	3,3	63	12	4,5	3,4	-	●
T201H M5	M5	0,8	4,2	70	14	6,0	4,9	-	●
T201H M6	M6	1	5,0	80	16	6,0	4,9	-	●
T201H M8	M8	1,25	6,8	90	18	8,0	6,2	-	●
T201H M10	M10	1,5	8,5	100	20	10,0	8,0	-	●
T201H M12	M12	1,75	10,2	110	22	9,0	7,0	-	●
T201H M14	M14	2	12,0	110	25	11,0	9,0	-	●
T201H M16	M16	2	14,0	110	28	12,0	9,0	-	●
T201H M18	M18	2,5	15,5	125	32	14,0	11,0	-	●
T201H M20	M20	2,5	17,5	140	32	16,0	12,0	-	●

ESEMPIO DI ORDINE:

Example of order:
 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

- Scanalature elicoidali a 15° per fori ciechi

- Imbocco 2/3 filetti

- DIN 371 fino al Ø 10

- DIN 376 dal Ø 12

- Tolerance: 6 HX

- 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: 6HX

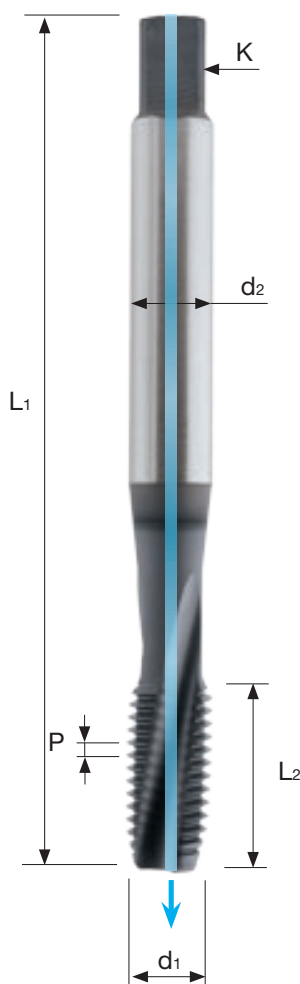
- spiral genutet 15° für Sacklöcher

- 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		
T201HW M5	M5	0,8	4,2	70	14	6,0	4,9	-	●
T201HW M6	M6	1	5,0	80	16	6,0	4,9	-	●
T201HW M8	M8	1,25	6,8	90	18	8,0	6,2	-	●
T201HW M10	M10	1,5	8,5	100	20	10,0	8,0	-	●
T201HW M12	M12	1,75	10,2	110	22	9,0	7,0	-	●
T201HW M14	M14	2	12,0	110	25	11,0	9,0	-	●
T201HW M16	M16	2	14,0	110	28	12,0	9,0	-	●
T201HW M18	M18	2,5	15,5	125	32	14,0	11,0	-	●
T201HW M20	M20	2,5	17,5	140	32	16,0	12,0	-	●



CON FORI DI REFRIGERAZIONE

**WITH INNER COOLANT
MIT KÜHLMITTELKANÄLEN**

ESEMPIO DI ORDINE:

Example of order:
Beispiel für einen Auftrag:

T201HW M20 KP60

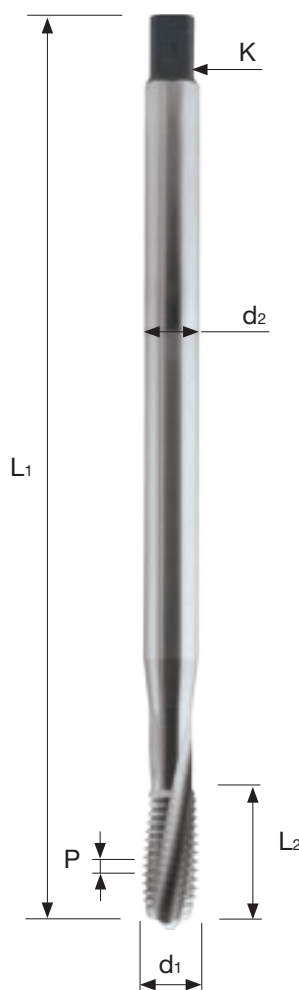
● Disponibile / In stock / vorrätig

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

Example of order:
 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	Ø 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	•	-	•

CONTINUA CONTINUES WEITER

T220



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			
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	●	-	-

T220

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

ESEMPIO DI ORDINE:

Example of order:
 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

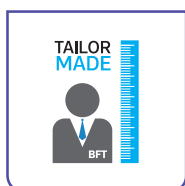
- Toleranz: 6HX

- spiral genutet 15° für Sacklöcher

- 2-3 Gang Anschnitt

- DIN 374

*High
performance*



CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE							VT5	KP 60
	d ₁	P	Ø preforo Drill size Kernloch	L ₁	L ₂	d ₂	K		
T221H M8x1	M8	1	7,0	90	12	6,0	4,9	-	●
T221H M10x1,25	M10	1,25	8,8	90	14	7,0	5,5	-	●
T221H M10x1	M10	1	9,0	90	12	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	18	16,0	12,0	-	●

ESEMPIO DI ORDINE:

Example of order:
 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

- 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

*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		
T221HW M10x1,25	M10	1,25	8,8	90	14	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:

Example of order:
Beispiel für einen Auftrag:

T221HW M20x1,5 KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T230

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

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

- 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

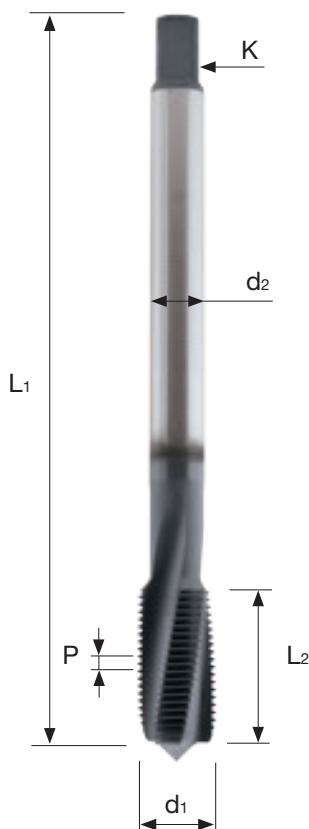
- DIN 5156

- 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	Ø 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:

Example of order:
 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

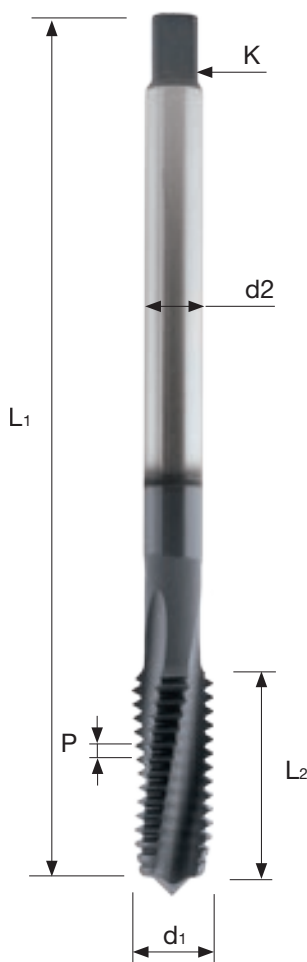
- DIN 2184-1

- 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:

Example of order:
 Beispiel für einen Auftrag:

T240 2" KP60

● Disponibile / In stock / vorrätig

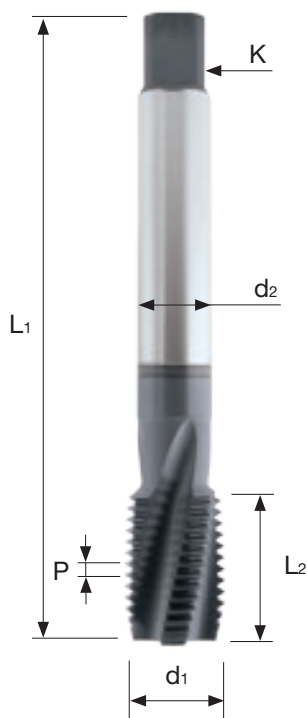
○ A richiesta / On request / auf Anfrage

T245H

- 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 15° per fori ciechi
- Imbocco 2/3 filetti
- DIN 2184-1
- Tolerance: 2B
- 15° spiral fluted for blind holes
- 2/3 spiral point for 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								VT5	KP 60
	d ₁	P	D	Ø preforo Drill size Kernloch	L ₁	L ₂	d ₂	K		
T245H 1-1/8"	1-1/8"	8	28,575	25,4	180	40	22	18	●	●
T245H 1-1/4"	1-1/4"	8	31,750	28,5	180	40	22	18	●	●
T245H 1-3/8"	1-3/8"	8	34,925	31,8	200	50	28	22	●	●
T245H 1-1/2"	1-1/2"	8	31,100	35,0	200	50	32	24	●	●

ESEMPIO DI ORDINE:

Example of order:
 Beispiel für einen Auftrag:

T245H 1-1/2" KP60

T245

CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE								HSS-E	KP 60
	d ₁	P	D	Ø preforo Drill size Kernloch	L ₁	L ₂	d ₂	K		
T245 1-1/8"	1-1/8"	8	28,575	25,4	180	40	22	18	●	●
T245 1-1/4"	1-1/4"	8	31,750	28,5	180	40	25	20	●	●
T245 1-3/8"	1-3/8"	8	34,925	31,8	200	50	28	22	●	●
T245 1-1/2"	1-1/2"	8	31,100	35,0	200	50	32	24	●	●
T245 1-5/8"	1-5/8"	8	41,275	38,1	200	50	32	24	●	●
T245 1-3/4"	1-3/4"	8	44,450	41,3	200	50	36	29	●	●
T245 1-7/8"	1-7/8"	8	47,620	44,5	225	60	36	29	●	●
T245 2"	2"	8	50,800	47,7	225	60	40	29	●	●
T245 2-1/4"	2-1/4"	8	57,150	54,0	225	70	45	35	●	●
T245 2-1/2"	2-1/2"	8	63,500	60,3	250	70	50	39	●	●

ESEMPIO DI ORDINE:

Example of order:
 Beispiel für einen Auftrag:

T245 2-1/2" 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

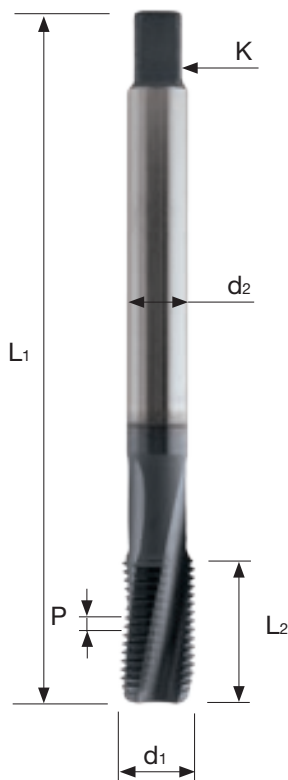
- DIN 2184-1

- 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	Ø 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:

Example of order:
 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

- 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			
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:

Example of order:
 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	Ø 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	●	-	●
T280 W 1-3/8"	W 1-3/8"	6	30,5	200	45	28,0	22,0	●	-	●
T280 W 1-1/2"	W 1-1/2"	6	33,5	200	45	32,0	24,0	●	-	●

ESEMPIO DI ORDINE:

Example of order:
 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

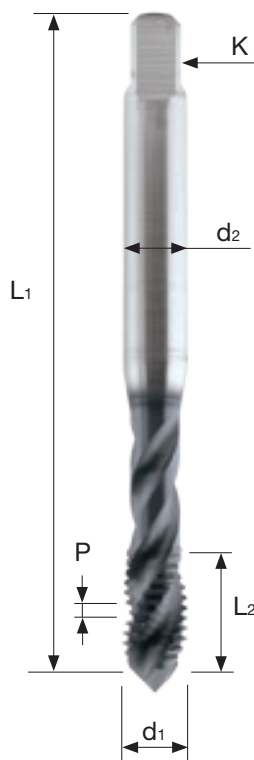
- Metric ISO thread - Coarse pitch - DIN 13

- 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	110	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
TAPERED

ESEMPIO DI ORDINE:

Example of order:
 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

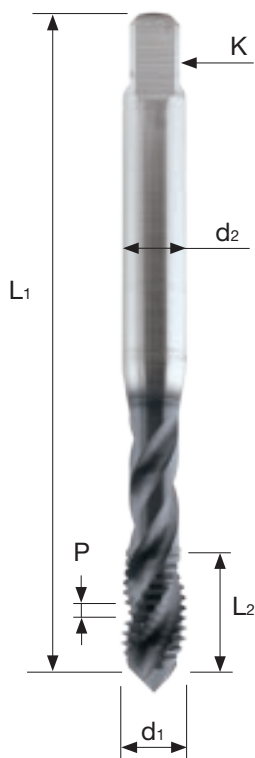
- Tolleranza: ISO2 6H
- Scanalature elicoidali a 40°
a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 12

- 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

T300R+

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



**RASTREMATI
TAPERED**

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 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:

Example of order:
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

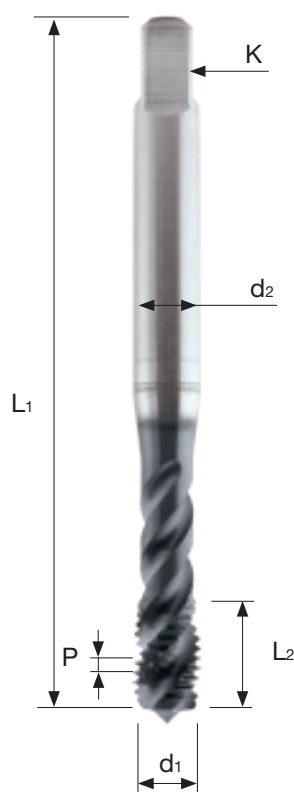
- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- 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



RASTREMATI
TAPERED

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	-	●

ESEMPIO DI ORDINE:

Example of order:
 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

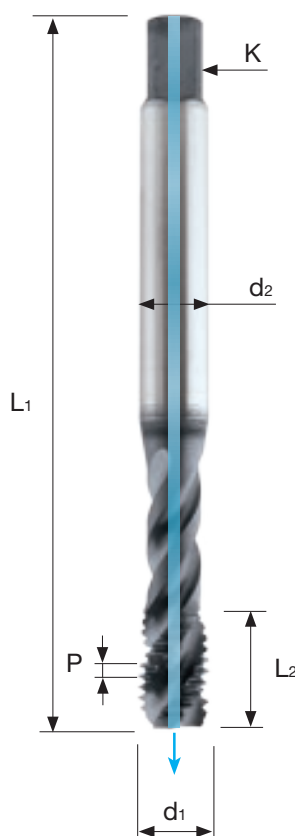
- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- 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*



RASTREMATI
TAPERED

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	-	●



CON FORI DI REFRIGERAZIONE

**WITH INNER COOLANT
 MIT KÜHLMITTELKANÄLEN**

ESEMPIO DI ORDINE:

Example of order:
 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

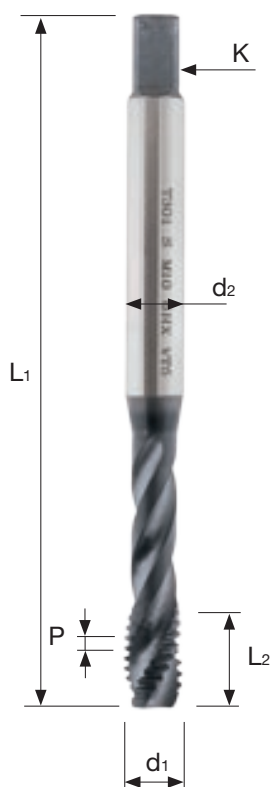
- Metrisches ISO-Regelgewinde - grobe Steigung - für Synchrongewindebohren - DIN 13

- 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*



**RASTREMATI
TAPERED**

ESEMPIO DI ORDINE:
Example of order:
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

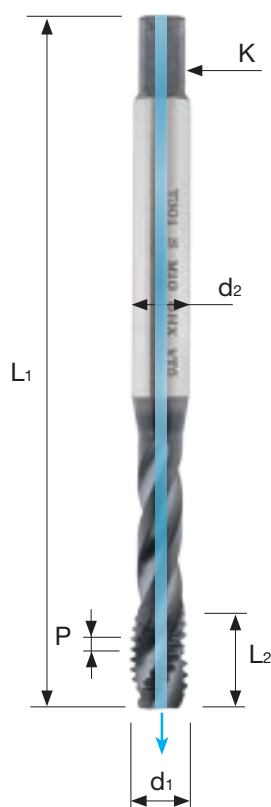
- Metrisches ISO-Regelgewinde - grobe Steigung - für Synchrongewindebohren - DIN 13

- 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



**RASTREMATI
TAPERED**

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**

ESEMPIO DI ORDINE:

Example of order:
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

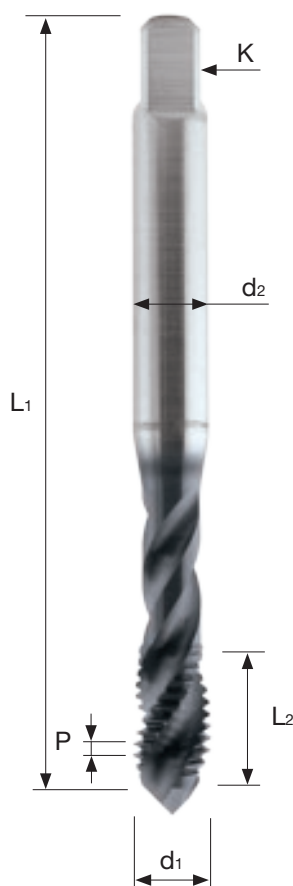
- Metric ISO thread - Coarse pitch - **For stainless steel** - DIN 13

- Metrisches ISO-Regelgewinde - grobe Steigung - **für INOX-Stahl** - 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
TAPERED

ESEMPIO DI ORDINE:

Example of order:
 Beispiel für einen Auftrag:

T304XR M20 HSS-E

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

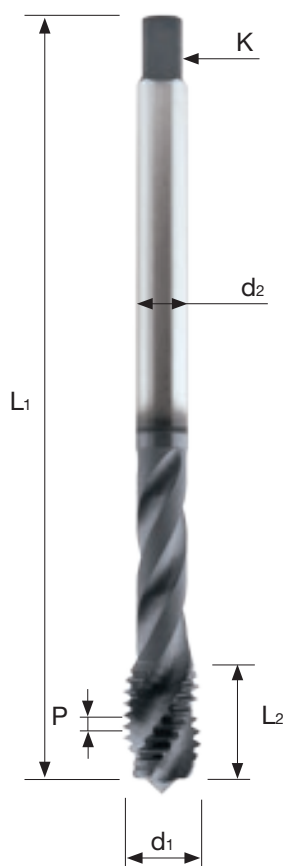
T305R

- 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



RASTREMATI
TAPERED

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			
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	9	6,0	4,9	●	-	●
T305R M10	M10	1,5	8,5	100	11	7,0	5,5	●	-	●

T305R

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

ESEMPIO DI ORDINE:
 Example of order:
 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
- Scanalature elicoidali a 40°
a forte torsione per fori ciechi
- Imbocco 2/3 filetti

- Tolerance: ISO2 6H
- 40° spiral fluted
for blind holes
- 2/3 spiral points lead-in

- Toleranz: ISO2 6H
- spiral genutet 40° mit starkem
Drall für Sacklochgewinde
- 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			
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
TAPERED

ESEMPIO DI ORDINE:

Example of order:
 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: **ISO1 4H o ISO3 6G**

- 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: **ISO1 4H or ISO3 6G**

- 40° spiral fluted
 for blind holes

- 2/3 spiral point Tlead-in

- DIN 371 up to Ø 10

- DIN 376 from Ø 12

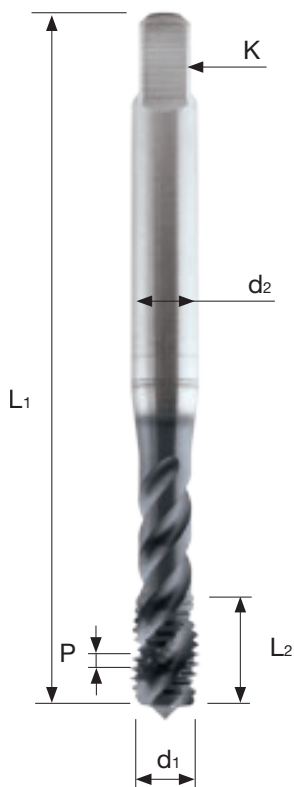
- Toleranz: **ISO1 4H oder ISO3 6G**

- spiral genutet 40° mit starkem
 Drall für Sacklochgewinde

- 2-3 Gang Anschnitt

- DIN 371 bis Ø 10

- DIN 376 ab Ø 12



RASTREMATI
TAPERED

	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	●	-

ESEMPIO DI ORDINE:

Example of order:
 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

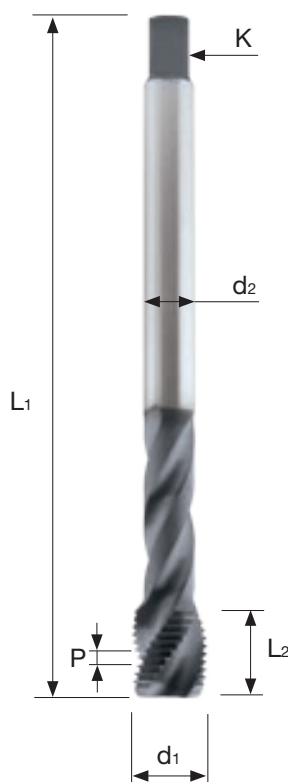
- DIN 374

- 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	Ø 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	125	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	●	-	●

RASTREMATI
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ESEMPIO DI ORDINE:

Example of order:
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

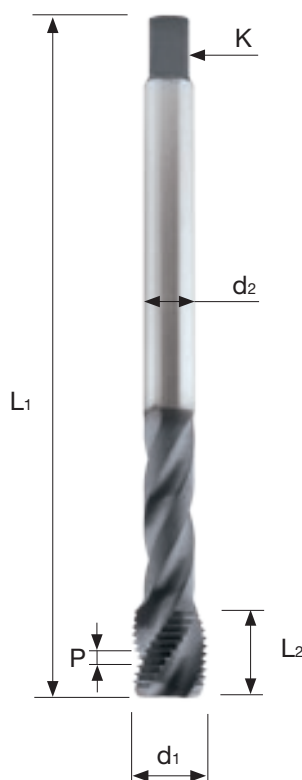
- Metrisches ISO-Regelgewinde - feine Steigung - DIN 13

- 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



RASTREMATI
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CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE							VT5	KP 60
	d ₁	P	Ø 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	-	○

T321H

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

ESEMPIO DI ORDINE:

Example of order:
 Beispiel für einen Auftrag:

T321H M20x1,5 KP60

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

T330R

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

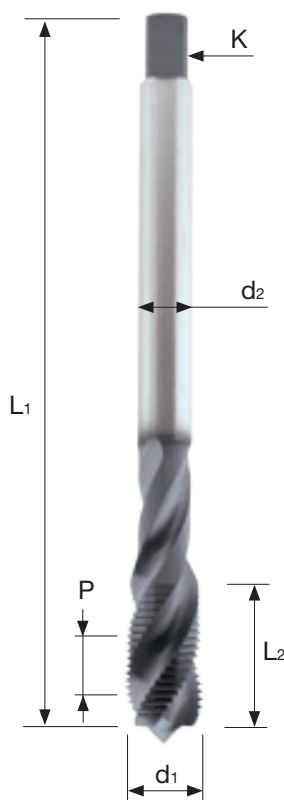
- British Standard Pipe Thread (55°) - EN ISO 228-1

- 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	●	-	●

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ESEMPIO DI ORDINE:

Example of order:
 Beispiel für einen Auftrag:

T330R G 1-1/4" KP60

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

T331H

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

- British Standard Pipe Thread (55°) - EN ISO 228

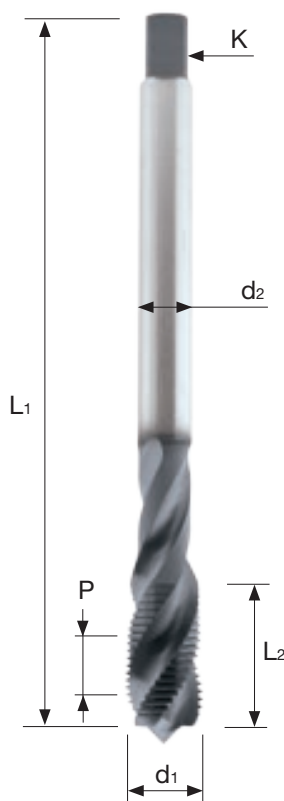
- British Standard Pipe Gewinde (55°) - EN ISO 228

- Tolleranza: ISO5969X
- Scanalature elicoidali a 40°
a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 5156

- Toleranz: ISO5969X
- spiral genutet 40° mit starkem
Drall für Sacklochgewinde
- 2-3 Gang Anschnitt
- DIN 5156

- Tolerance: ISO5969X
- 40° spiral fluted
for blind holes
- 2/3 spiral points lead-in
- DIN 5156

*High
performance*



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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	17	7	5,5	-	○
T331H G 1/4"	G 1/4"	19	11,8	100	23	11	9,0	-	○
T331H G 3/8"	G 3/8"	19	15,25	100	23	12	9,0	-	○
T331H G 1/2"	G 1/2"	14	19,0	125	29	16	12,0	-	○
T331H G 5/8"	G 5/8"	14	21,0	125	29	18	14,5	-	○
T331H G 3/4"	G 3/4"	14	24,5	140	29	20	16,0	-	○
T331H G 1"	G 1"	11	30,75	160	34,5	25	20,0	-	○

T331H

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

ESEMPIO DI ORDINE:

Example of order:
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

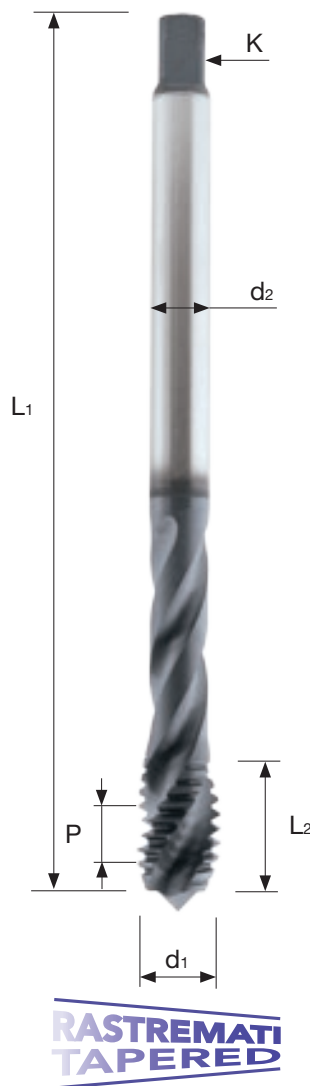
- American UNC thread - Coarse pitch - ASME B1.1

- 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	4,5	3,4	●	●	●
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	●	●	●

ESEMPIO DI ORDINE:

Example of order:
 Beispiel für einen Auftrag:

T340R 1" KP60

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

T345R

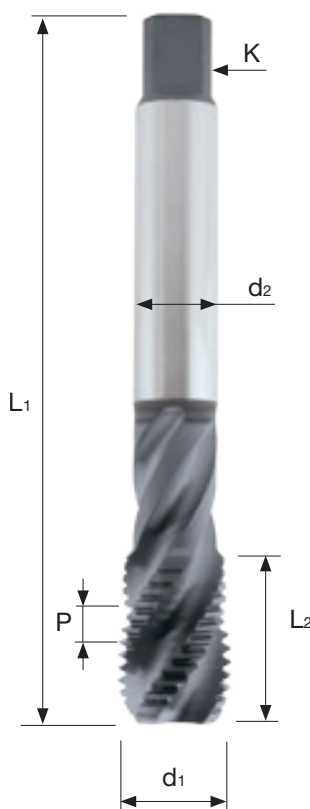
- Filettatura Americana Unif. - Passo costante - **8 filetti**
 - ASME B1.1

- 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



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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			
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	●	-	●

T345R

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

ESEMPIO DI ORDINE:
 Example of order:
 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

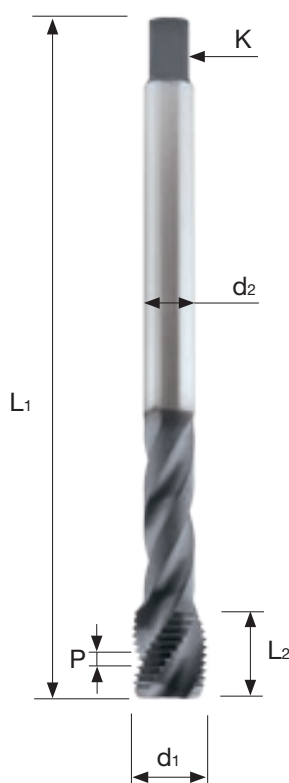
- American UNF thread - Fine pitch - ASME B1.1

- 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	Ø 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	●	-	●

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ESEMPIO DI ORDINE:

Example of order:
 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

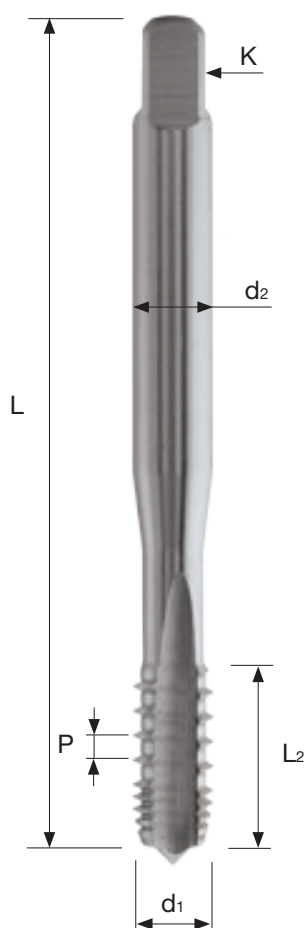
- Tolleranza: ISO2 6H
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 1

- 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

T400

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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			
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:

Example of order:
 Beispiel für einen Auftrag:

T400 M20 KP60

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

T401

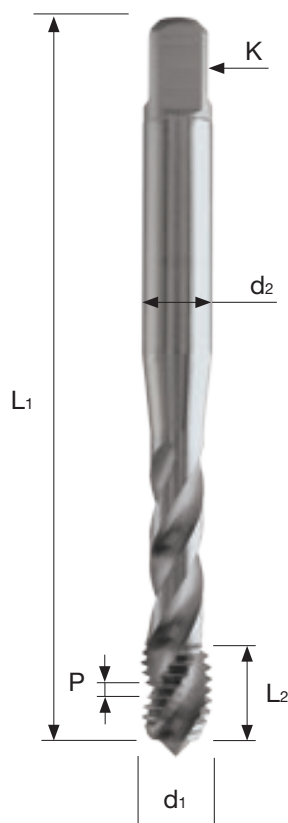
- Filettatura Metrica ISO - Passo grosso - Per leghe leggere
- 3 eliche - DIN 13

- 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	Ø 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:

Example of order:
 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

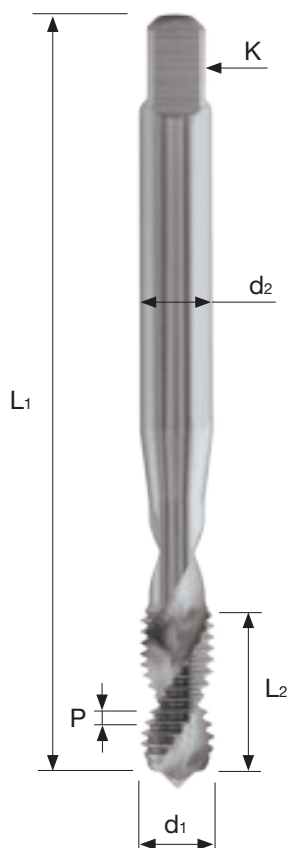
- Tolleranza: ISO2 6H
- Scanalature elicoidali a 40°
a forte torsione per fori ciechi
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 11

- 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

T403

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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:

Example of order:
 Beispiel für einen Auftrag:

T403 M20 KP60

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

T440

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

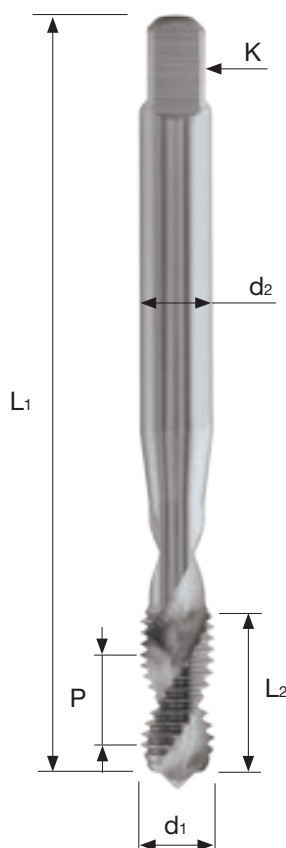
- American UNC thread - Coarse pitch - **For light metal** - ASME B1.1

- Amerikanisches UNC - grobe Steigung - **für leichte Legierungen** - 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			
T440 nr 2	nr 2	56	2,184	1,8	45	10	2,8	2,1	○	-	○
T440 nr 3	nr 3	48	2,515	2,1	50	11	2,8	2,1	○	-	○
T440 nr 4	nr 4	40	2,845	2,3	56	12	3,5	2,7	○	-	○
T440 nr 5	nr 5	40	3,175	2,6	56	12	3,5	2,7	○	-	○
T440 nr 6	nr 6	32	3,505	2,85	56	14	4,0	3,0	○	-	○
T440 nr 8	nr 8	32	4,166	3,5	63	14	4,5	3,4	○	-	○
T440 nr 10	nr 10	24	4,826	3,9	70	16	6,0	4,9	○	-	○
T440 nr 12	nr 12	24	5,486	4,5	70	16	6,0	4,9	○	-	○
T440 1/4"	1/4"	20	6,350	5,2	80	18	4,5	3,4	○	-	○
T440 5/16"	5/16"	18	7,938	6,6	90	20	6,0	4,9	○	-	○
T440 3/8"	3/8"	16	9,525	8,0	100	22	7,0	5,5	○	-	○

ESEMPIO DI ORDINE:

Example of order:
 Beispiel für einen Auftrag:

T440 3/8" KP60

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

T450

- Filettatura Americana UNF - Passo fine - **Per leghe leggere**
 - ASME B1.1

- American UNF thread - Fine pitch - **For light metal** - ASME B1.1

- Amerikanisches Einheits UNF - feine Steigung - **für leichte Legierungen** - ASME B1.1

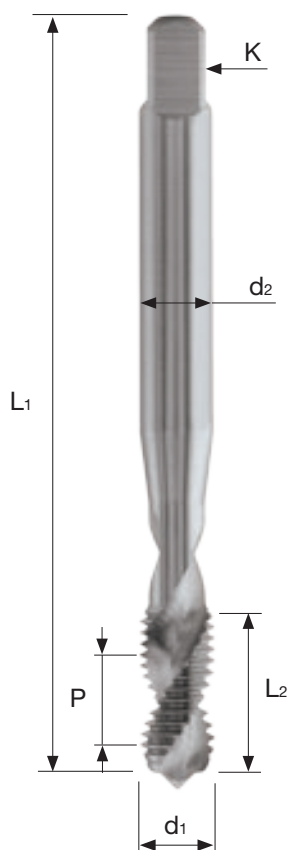
- Tolleranza: 2B
- Scanalature elicoidali a 40°
a forte torsione per fori ciechi
- DIN 2184-1

- Tolerance: 2B
- 40° spiral fluted
for blind holes
- DIN 2184-1

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

T450

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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			
T450 nr 2	nr 2	64	2,184	1,9	45	10	2,8	2,1	○	-	○
T450 nr 3	nr 3	56	2,515	2,1	50	11	2,8	2,1	○	-	○
T450 nr 4	nr 4	48	2,845	2,4	50	12	3,5	2,7	○	-	○
T450 nr 5	nr 5	44	3,175	2,7	56	12	3,5	2,7	○	-	○
T450 nr 6	nr 6	40	3,505	3,0	56	12	4,0	3,0	○	-	○
T450 nr 8	nr 8	36	4,166	3,5	63	12	4,5	3,4	○	-	○
T450 nr 10	nr 10	32	4,826	4,1	70	14	6,0	4,9	○	-	○
T450 nr 12	nr 12	28	5,486	4,7	70	16	6,0	4,9	○	-	○
T450 1/4"	1/4"	28	6,350	5,5	80	16	4,5	3,4	○	-	○
T450 5/16"	5/16"	24	7,938	6,9	90	18	6,0	4,9	○	-	○
T450 3/8"	3/8"	24	9,525	8,5	90	18	7,0	5,5	○	-	○

ESEMPIO DI ORDINE:

Example of order:
 Beispiel für einen Auftrag:

T450 3/8" 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

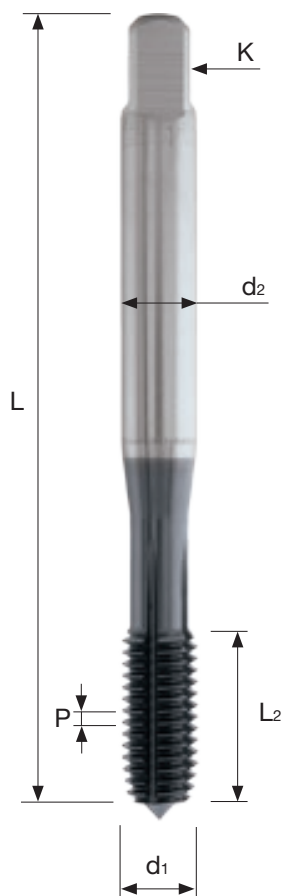
- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- 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:

Example of order:
 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

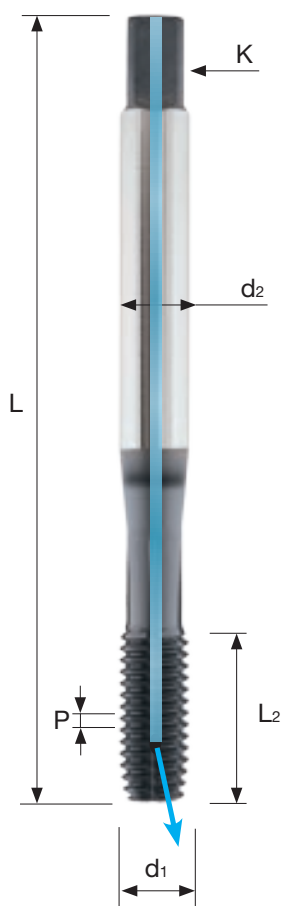
- Metrisches ISO-Regelgewinde - grobe Steigung - DIN 13

- 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:

Example of order:
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

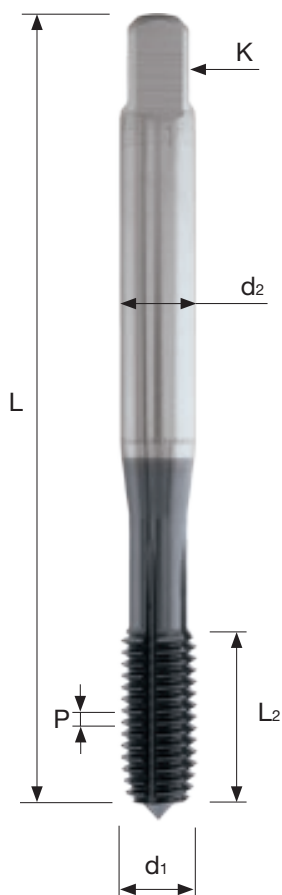
- Metrisches ISO-Regelgewinde - feine Steigung - DIN 13

- 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:

Example of order:
 Beispiel für einen Auftrag:

T521H M20x1,5 KP61

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

T531H

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

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

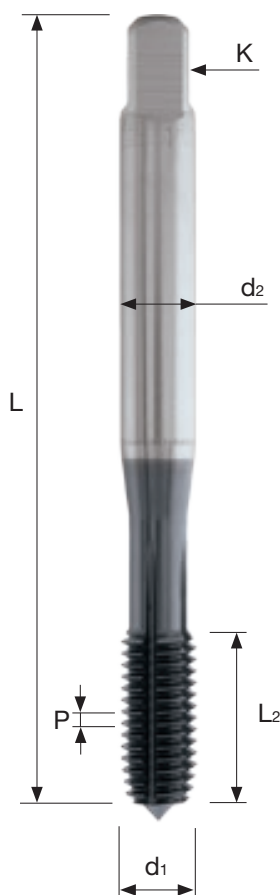
- British Standard Pipe Gewinde (55°) - EN ISO 228-1

- 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	Ø 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	-	●

T531H

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

ESEMPIO DI ORDINE:

Example of order:
 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

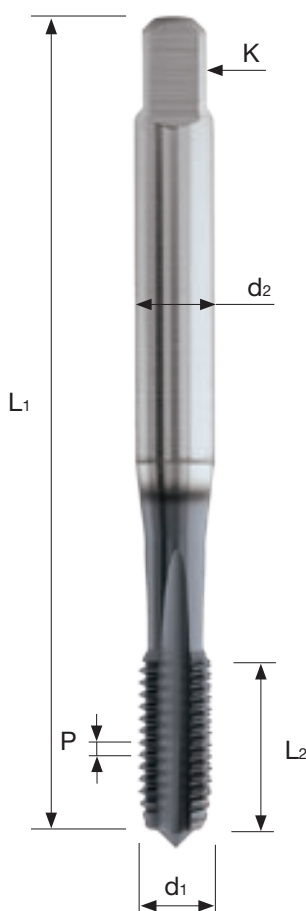
- Metric ISO thread - Coarse pitch - For cast iron - DIN 13

- 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:

Example of order:
 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

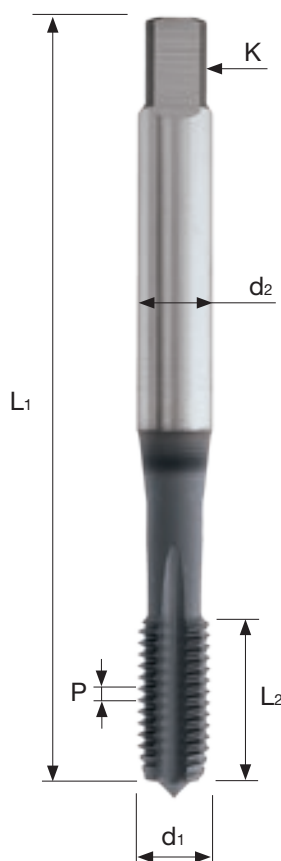
- Metrisches ISO-Regelgewinde - grobe Steigung - **für Gusseisen** - DIN 13

- 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							VT3	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:

Example of order:
 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

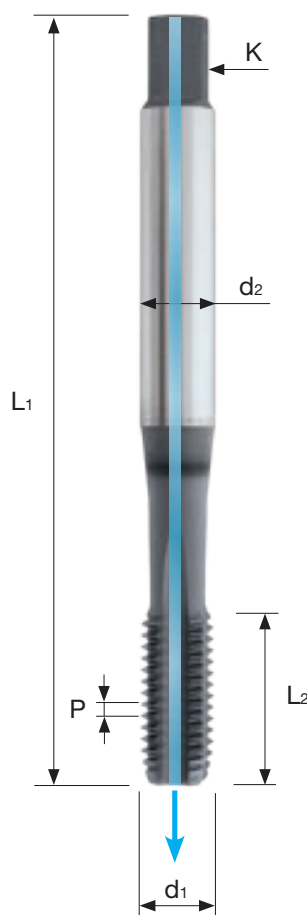
- Tolleranza: 6HX
- Scanalature dritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 371 fino al Ø 10
- DIN 376 dal Ø 11

- 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:

Example of order:
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 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

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:
 Example of order:
 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

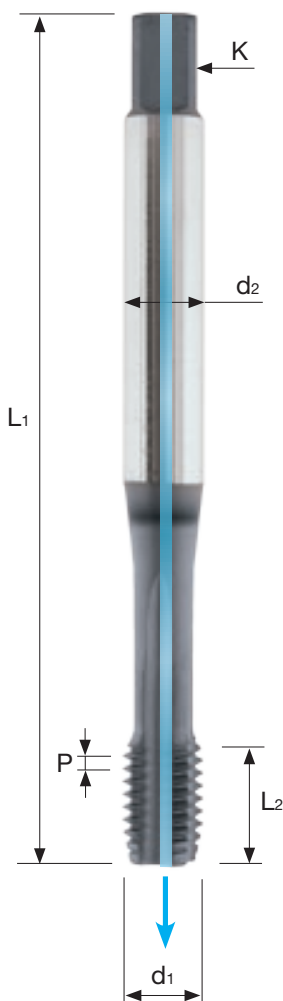
- Metric ISO thread - Coarse pitch - **For cast iron** - **For synchronized threading** - DIN 13
 - Metrisches ISO-Regelgewinde - grobe Steigung - **für Gusseisen**
- für Synchrongewindebohren - DIN 13

- 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:
 Example of order:
 Beispiel für einen Auftrag:

T601SW M16 KP60

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

T605

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

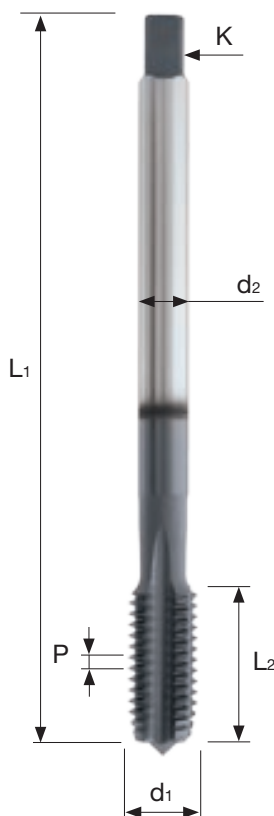
- Metric ISO thread - Coarse pitch - For cast iron - Reduced shank - DIN 13

- 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	Ø 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:

Example of order:
 Beispiel für einen Auftrag:

T605 M10 NITR

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

T609

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

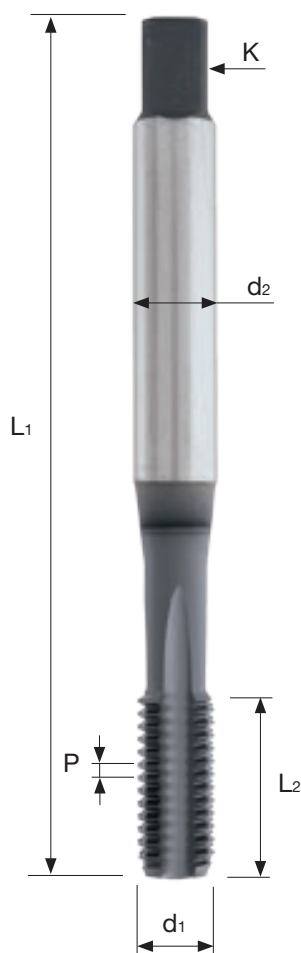
*- Metric ISO thread - Coarse pitch - E-shape short lead-in - 1/1,5 spiral points
 - For cast iron - DIN 13*

*- Metrisches ISO-Regelgewinde - grobe Steigung - kurzer Anschnitt Form E
 - 1-1,5 Gang Anschnitt - für Gusseisen - DIN 13*

- Tolleranza: 6HX
- Scanalature dritte 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:

Example of order:
 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

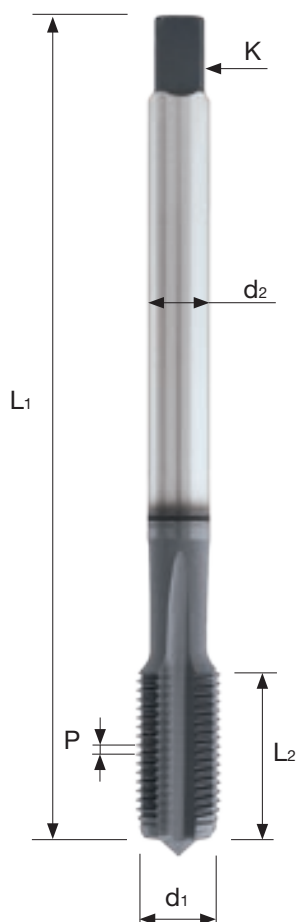
- Tolleranza: 6HX
- Scanalature diritte per fori ciechi e passanti
- Imbocco 2/3 filetti
- DIN 374

- 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

T620

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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			
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	125	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:

Example of order:
 Beispiel für einen Auftrag:

T620 M30x1,5 NITR

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

T630

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

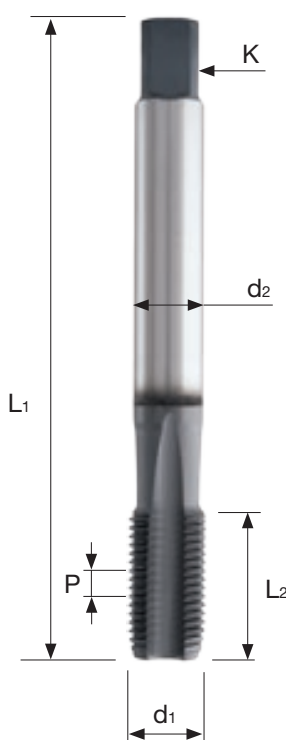
- British Standard Pipe Thread (55°) - For cast iron - EN ISO 228

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

- Tolleranza: ISO5969X
- Scanalature dritte 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:

Example of order:
 Beispiel für einen Auftrag:

T630 G 1-1/2" KP60

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

T639

- Filettatura GAS cilindrica (55°) - **Imbocco corto forma E**
- **1/1,5 filetti - Per ghisa - EN ISO 228**
- British Standard Pipe Thread (55°) - **For cast iron - E-shape short lead-in**
- **1/1,5 spiral points**
- British Standard Pipe-Gewinde (55°) kurzer Anschnitt Form E
- 1-1,5 Gang Anschnitt - für Gusseisen - 1EN ISO 228

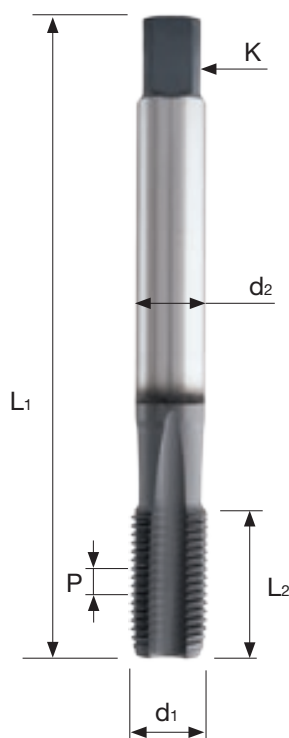
- Tolleranza: ISO5969X
- Scanalature dritte per fori ciechi e passanti
- DIN 5156

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

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

T639

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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			
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:

Example of order:
 Beispiel für einen Auftrag:

T639 G 1" KP60

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

T640

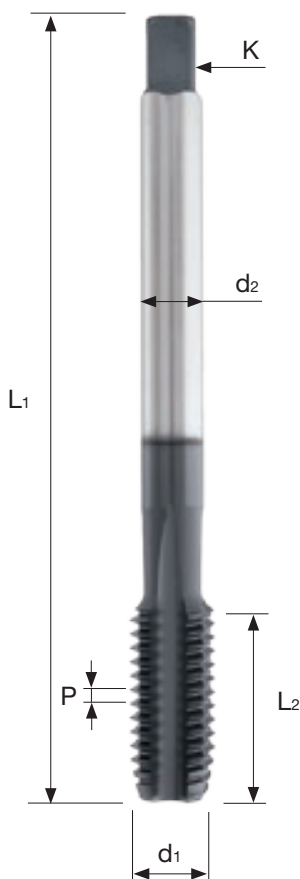
- Filettatura Americana UNC - Passo grosso - Per ghisa
- ASME B1.1

- American UNC thread - Coarse pitch - **For cast iron** - ASME B1.1
 - Amerikanisches UNC - grobe Steigung - **für Gusseisen** - ASME B1.1

- Tolleranza: 2B
- Scanalature dritte 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	Ø 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:

Example of order:
 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 dritte 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	Ø 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:

Example of order:
 Beispiel für einen Auftrag:

T650 1-1/2" KP60

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

T700

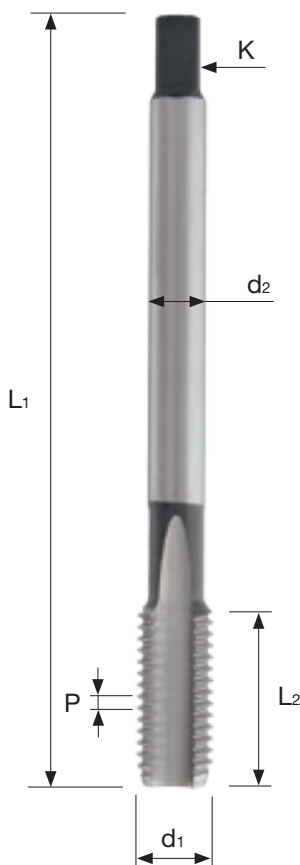
- Filettatura Metrica ISO - Passo grosso - **Per filetti riportati**
 - ISO DIN 8140 parte 2

- 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	Ø 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:

Example of order:
 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

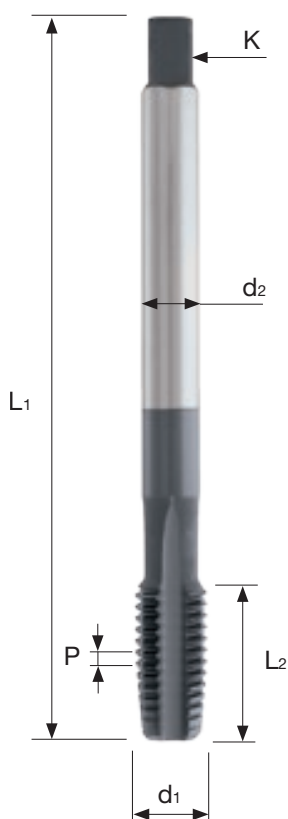
- Metrisches ISO-Regelgewinde - grobe Steigung - für Materialien mit R=1300-1800 N/mm² - DIN 13

- Tolleranza: ISO2 6H
- Scanalature dritte 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 60
	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:

*Example of order:
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

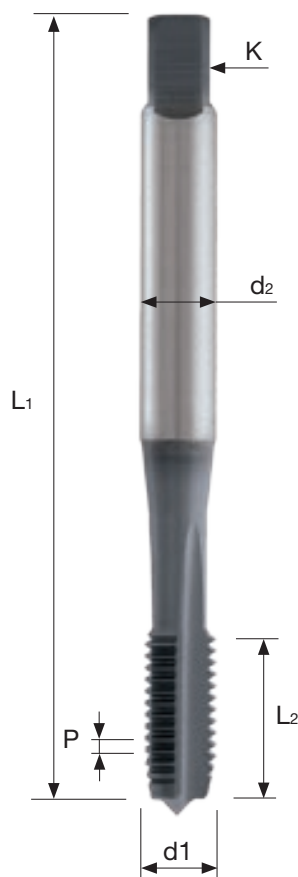
- Metric ISO thread - Coarse pitch - For aluminum bronze - DIN 13

- 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
- 2-3 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:

Example of order:
 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

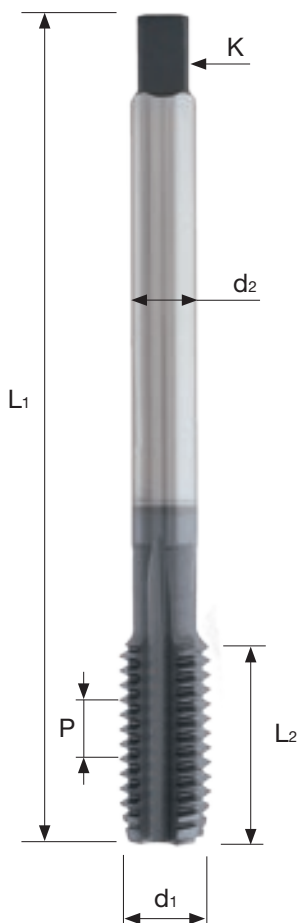
- Tolleranza: 2B
- Scanalature diritte per fori ciechi e passanti
- Imbocco 4/5 filetti
- DIN 2184-1

- 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

T8241

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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:

Example of order:
 Beispiel für einen Auftrag:

T8241 1" KP30

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

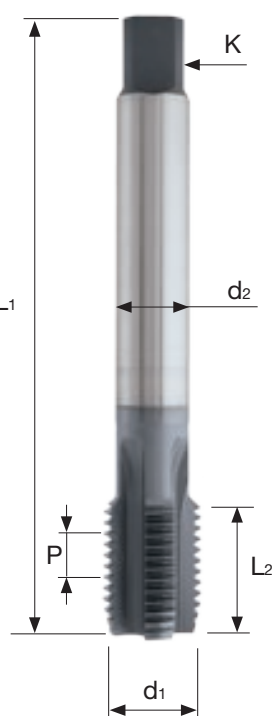
T8246

- 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:

Example of order:
 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

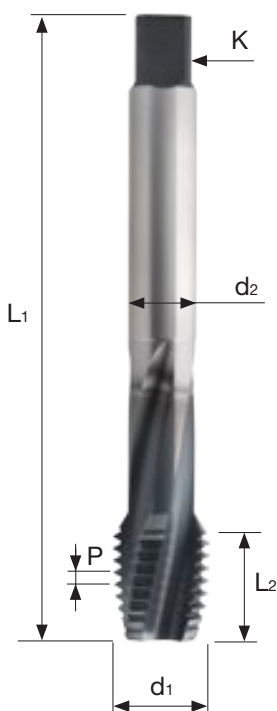
- Metrisches ISO-Regelgewinde - grobe Steigung - für Titan und Ti-Legierungen - DIN 13

- 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	Ø 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:

Example of order:
 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

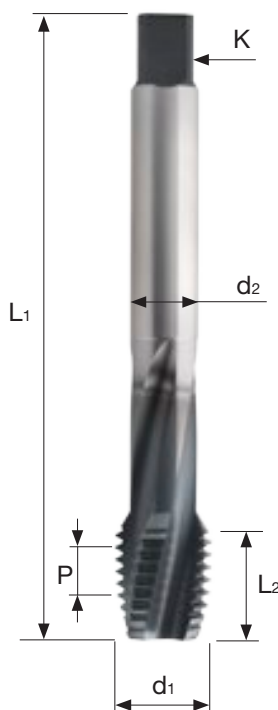
- Amerikanisches UNC - grobe Steigung - für Titan und Ti-Legierungen - ASME B1.1

- 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	Ø 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:
 Example of order:
 Beispiel für einen Auftrag:

T9241H 7/8" KP61

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

T9245H

- 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

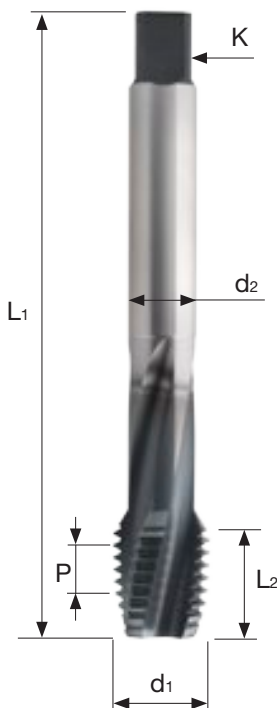
- Toleranz: 2B

- spiral genutet 15° für Sacklöcher

- 2-3 Gang Anschnitt

- DIN 2184-1

High performance



CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE							KP 61
	d ₁		P	Ø preforo Drill size Kernloch	L ₁	L ₂	d ₂	
T9245H 1-1/8"	1-1/8"	28,575	8	25,4	180	28	22	18
T9245H 1-1/4"	1-1/4"	31,750	8	28,5	180	28	22	18

T9245H

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

ESEMPIO DI ORDINE:

Example of order:
 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

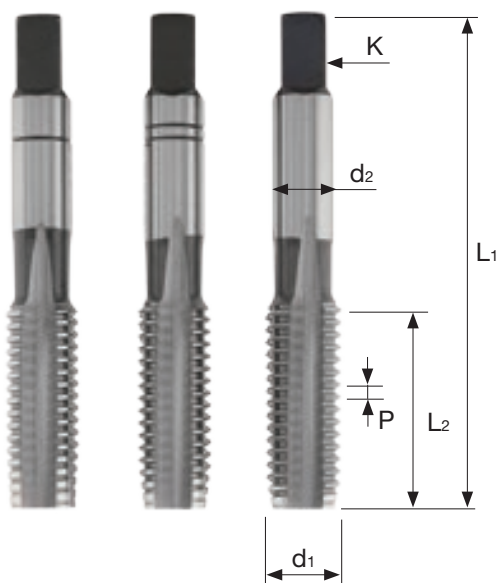
- Metric ISO thread - Coarse pitch - UNI 4535-64

- 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	Ø 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	40	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:

Example of order:
Beispiel für einen Auftrag:

T010 M48 HSS

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

T011

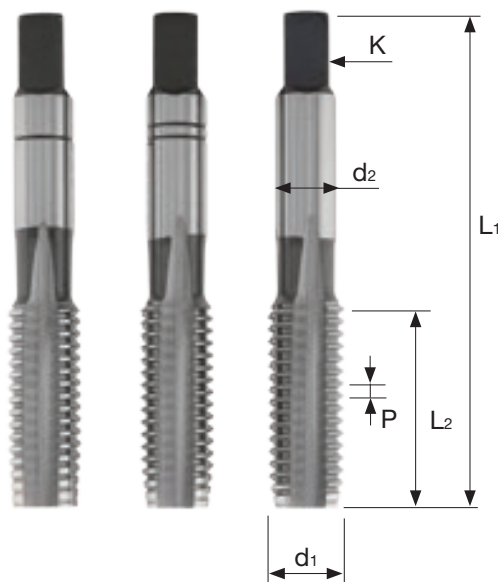
- Filettatura metrica ISO - Passo Grosso - **Per acciai con $R > 1000 \text{ N/mm}^2$ - UNI 4535-64**

- Metric ISO thread - Coarse pitch - **For steel with $R > 1000 \text{ N/mm}^2$ - UNI 4535-64** -
- Metrisches ISO-Regelgewinde - grobe Steigung - **für Stähle mit $R > 1000 \text{ N/mm}^2$ - 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	56	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:

Example of order:
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

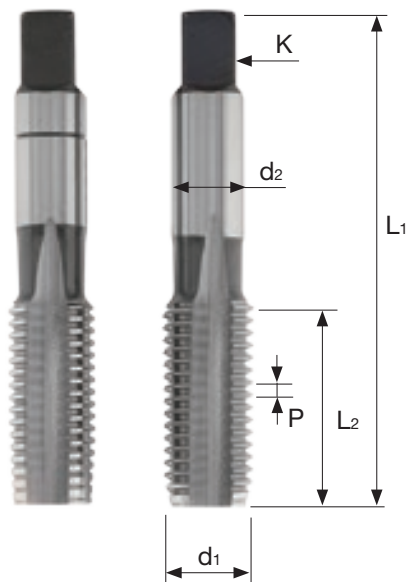
- Metric ISO thread - Fine pitch - UNI 4535-64

- 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

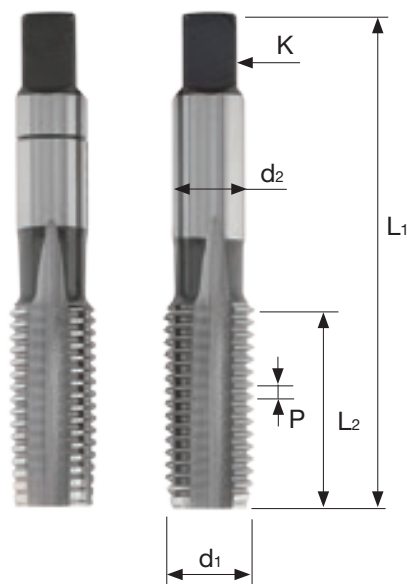
- Toleranz: 6 H
- gerade genutet
- Vorschneider - Fertigschneider
- 2-3 Gang Anschnitt
- DIN 2181



CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE							HSS
	d ₁	P	Ø 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	○

CONTINUA CONTINUES WEITER ►

T020



CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE							HSS
	d ₁	P	Ø 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	150	63	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	○

T020

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

ESEMPIO DI ORDINE:

Example of order:
Beispiel für einen Auftrag:

T020 M48x1,5 HSS

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

T030

- Filettatura GAS cilindrica - ISO 228 - UNI 338-66

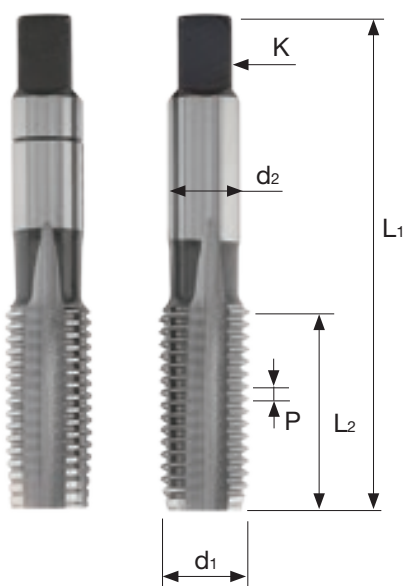
- Withworth pipe thread - BSP 55° - ISO 228 - UNI 338-66

- Withworth Rohrgewinde - 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	Ø 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:

Example of order:
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

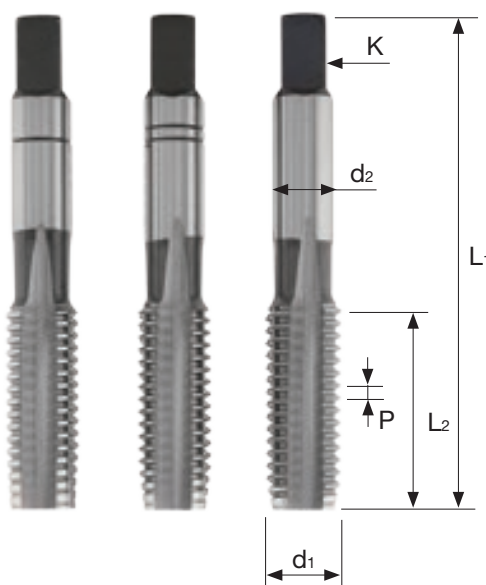
- American UNC thread - Coarse pitch - ANSI - B 1.1

- 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	Ø 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:

Example of order:
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

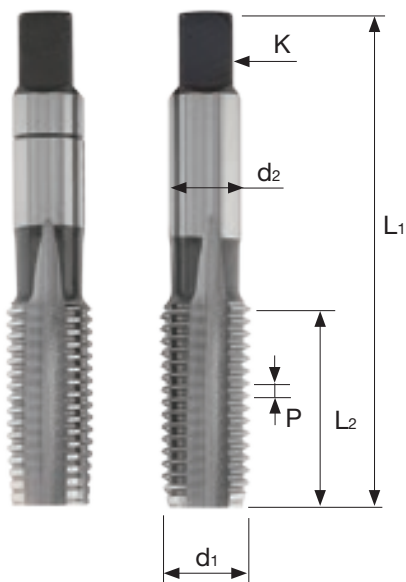
- American UNC thread - Fine pitch - ANSI - B 1.1

- 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	Ø 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:

Example of order:
Beispiel für einen Auftrag:

T050 1" HSS

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

T080

- Filettatura Withworth - DIN 11 - UNI 2709

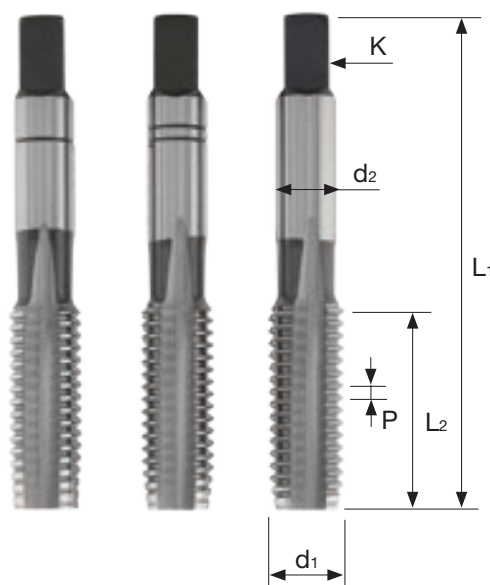
- Withworth thread BSW - DIN 11 - UNI 2709

- 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	Ø 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:

Example of order:
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

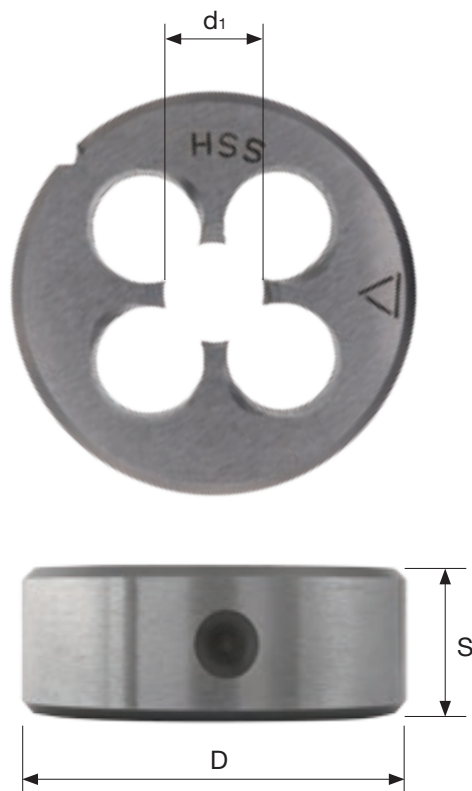
- Metric ISO thread - Coarse pitch - UNI 4535-64

- 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:

Example of order:
 Beispiel für einen Auftrag:

TF10 M52 HSS

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

TF20

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

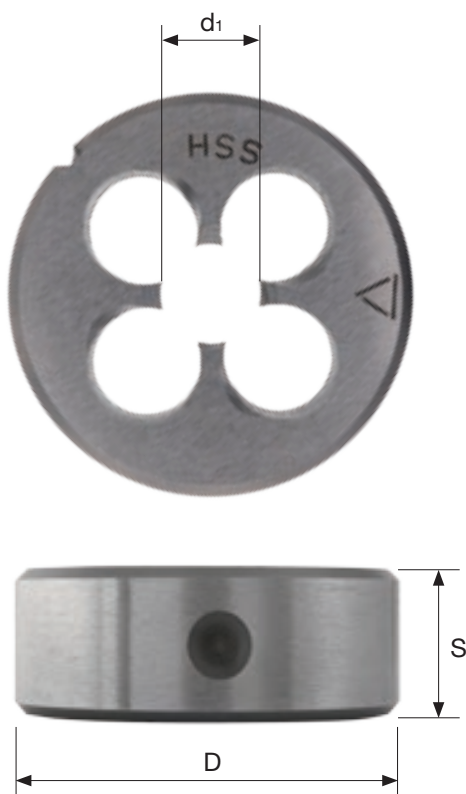
- Metric ISO thread - Fine pitch - UNI 4535-64

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

- Tolleranza: 6 G
 - DIN 223

- Tolerance: 6 G
 - DIN 223

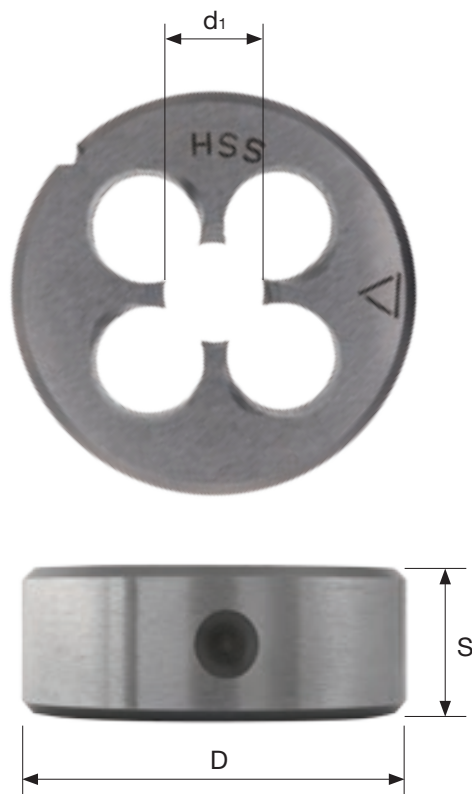
- Toleranz: 6 G
 - DIN 223



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	•	•
TF10 M48	M48	5,0	90	36	•	•
TF10 M52	M52	5,0	90	36	•	•
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	•	•

CONTINUA CONTINUES WEITER ▶

TF20



CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE				HSS	KP 20
	d ₁	P	D	S		
TF20 M28x1,5	M28	1,5	65	18	●	●
TF20 M30x2	M30	2,0	65	18	●	●
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:

Example of order:
 Beispiel für einen Auftrag:

TF20 M40x1,5 HSS

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

TF30

- Filettatura GAS cilindrica

- Withworth pipe thread BSP 55°
- Withworth Rohrgewinde

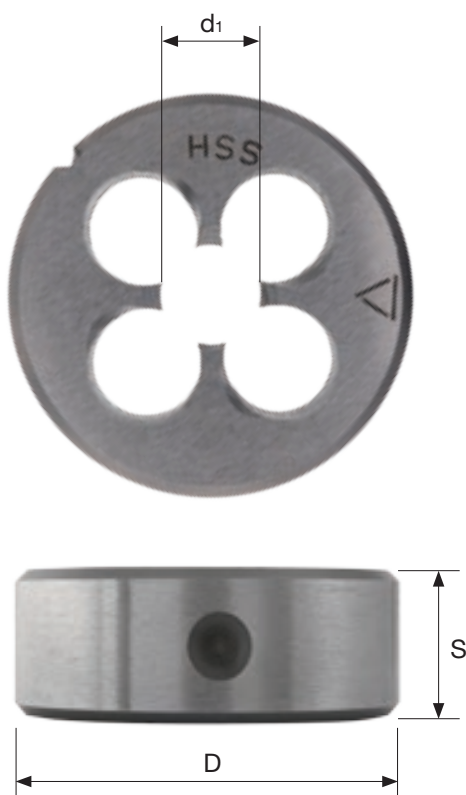
- DIN 259 - UNI 338-66
 - DIN 223
 - Classe A

- DIN 259 - UNI 338-66
 - DIN 223
 - A Class

- DIN 259 - UNI 338-66
 - DIN 223
 - Klasse A

TF30

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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:
 Example of order:
 Beispiel für einen Auftrag:

TF30 G 2" HSS

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

TF40

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

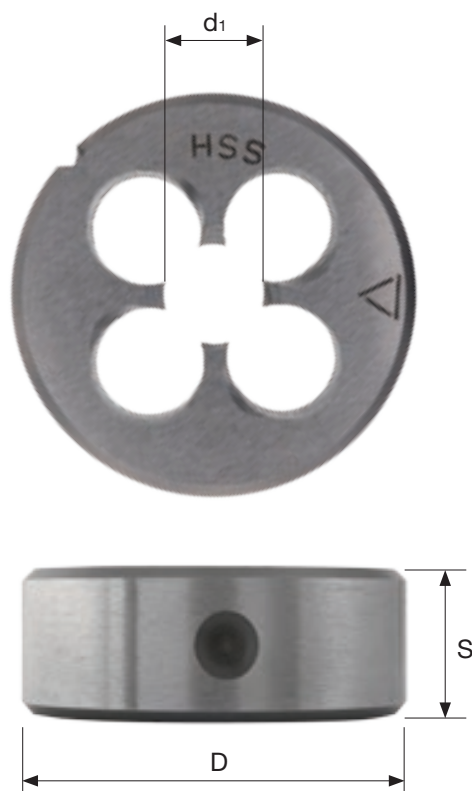
- American UNC thread - Coarse pitch - ANSI - B 1.1

- 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:

Example of order:
 Beispiel für einen Auftrag:

TF40 1-1/2" HSS

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

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

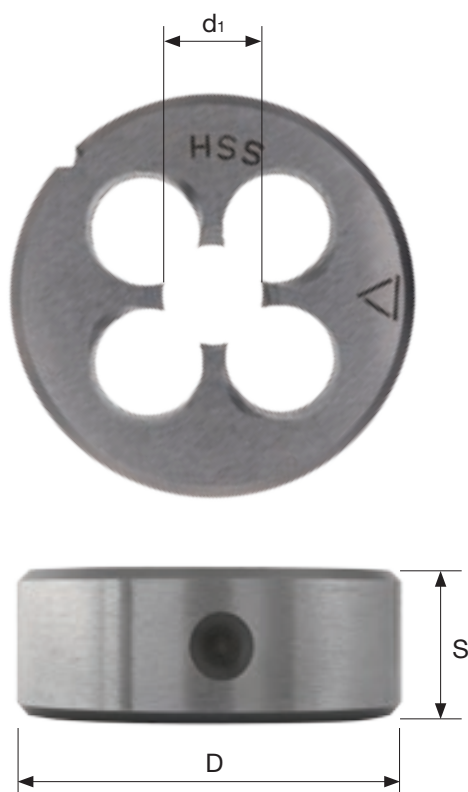
- Tolleranza: 2 A
 - DIN 223

- Tolerance: 2 A
 - DIN 223

- Toleranz: 2 A
 - DIN 223

TF50

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



CODICE CODE	DIMENSIONI / DIMENSIONS / MAßE					HSS	KP 20
	d_1	P	ϕ	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:

Example of order:
 Beispiel für einen Auftrag:

TF50 1-1/2" KP20

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

TF60

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

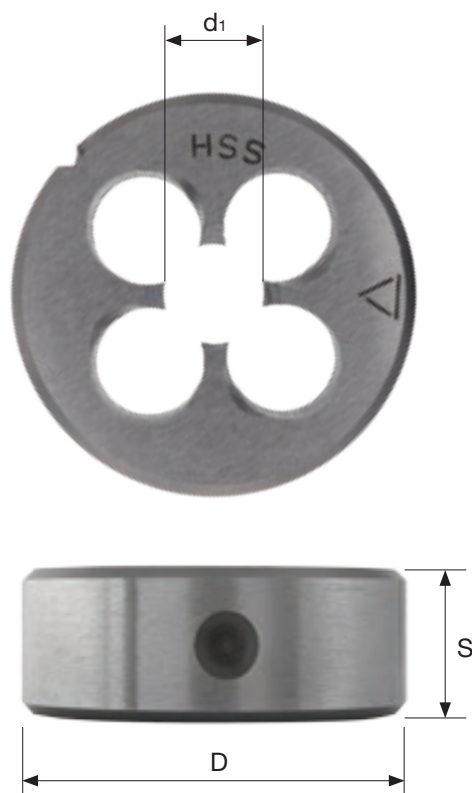
- British standard taper pipe thread - ISO 7/1 - UNI 339

- 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:

Example of order:
 Beispiel für einen Auftrag:

TF60 Rc 2" HSS

● Disponibile / In stock / vorrätig

○ A richiesta / On request / auf Anfrage

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

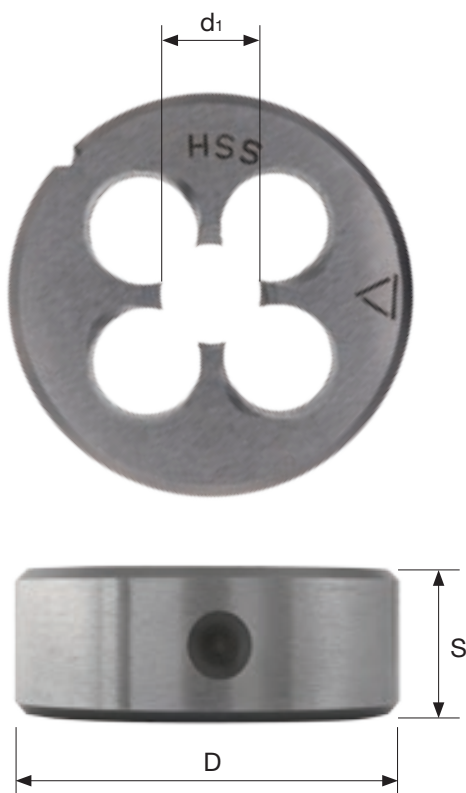
- DIN 223

- DIN 223

- DIN 223

TF70

MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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	●	●

ESEMPIO DI ORDINE:
 Example of order:
 Beispiel für einen Auftrag:

TF70 1-1/2" HSS

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

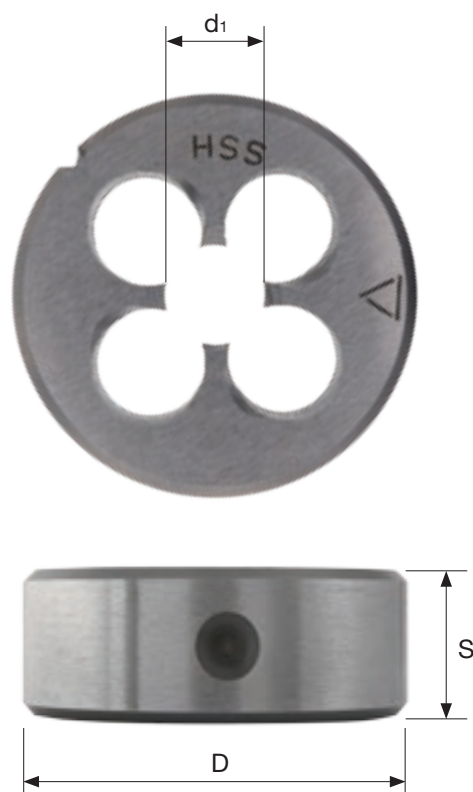
TF80

- 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:

Example of order:
 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) / 1000(b)	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) / 680(b)	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								



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

NOTE TECNICHE / TECHNICAL NOTES

MASCHINE E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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.

PARAMETRI DI TAGLIO

CUTTING PARAMETERS

SCHNITTPARAMETER



NOTE TECNICHE / TECHNICAL NOTES

MASCHINE 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) / 1000(b)	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) / 680(b)	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								



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 FÜR DIESE TAPPS UND RUND DIES GEWINDEBOHRER UND SCHNEIDEISEN



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

MASCHI E 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 Britisch Standard Pipe Gewinde</i>			
UNC	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	UNF	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	G	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
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" Threads per inch Gang pro inch	Ø max del nocciolo Max kern diameter max. Kern Ø mm	Ø di foratura Drill size Kernlo- ch Ø mm
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

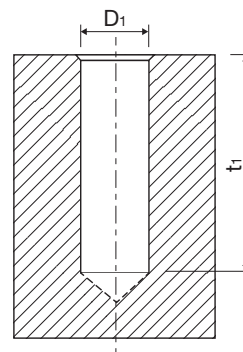
MASCHI E FILIERE TAPS AND ROUND DIES GEWINDEBOHRER UND SCHNEIDEISEN

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" Threads per inch Gang pro inch		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" Threads per inch Gang pro inch		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

