

**D Maschinengewindebohrer**  
**Speedtap 4.0–Ultra Hard**  
**Steel 63 HRC,**  
 gerade genutet, für metrisches  
 ISO-Feingewinde DIN 13

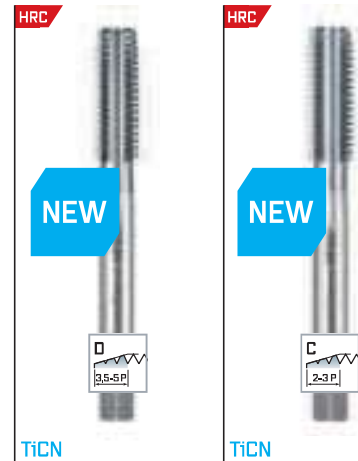
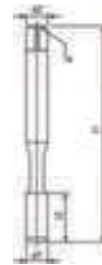
**E Machine taps**  
**Speedtap 4.0–Ultra Hard**  
**steel 63 HRC,**  
 straight fluted, for metric  
 ISO-fine threads DIN 13

**I Maschi a macchina**  
**Speedtap 4.0–Ultra Hard**  
**steel 63 HRC,**  
 scanalature diritte, per filettatura  
 metrica ISO fine, DIN 13

**Einsatzbereich:**  
 VHM Gewindebohrer für Durchgangs- und Grund-  
 gewinde. Besonders geeignet für zähe und schwer  
 zerspanbare Werkstoffe sowie Hartbearbeitung  
 ≤63HRC. Die Generation 4.0 setzt neue Maßstäbe  
 beim Gewinden.

**Range of application:**  
 Solid carbide tap for through hole threads and  
 blind hole threads. Especially suitable for tough  
 and difficult to machine materials as well as hard  
 machining ≤63HRC. The generation 4.0 sets new  
 standards in threading.

**Impiego:**  
 Maschi in metallo duro per fori passanti e fori ciechi.  
 Particolarmente adatti per materiali duri e tenaci  
 difficili da lavorare oltre che per materiali temprati  
 ≤63HRC. La nuova generazione 4.0 stabilisce nuovi  
 standard per realizzare maschiature.



d1 mm	P mm	l1 mm	l2 mm	d2 <sub>h9</sub> mm	a <sub>h12</sub> mm	Z		Code 4645 Art.-Nr.	Code 4655 Art.-Nr.
MF 8	1	70	22	6	4,9	5	0 7,1	0 4645081001 00	0 4655081001 00
MF 10	1	75	24	7	5,5	5	0 9,1	0 4645101001 00	0 4655101001 00
MF 12	1	82	29	9	7	5	0 11,1	0 4645121001 00	0 4655121001 00
MF 12	1,5	82	29	9	7	5	0 10,6	0 4645121501 00	0 4655121501 00
MF 14	1,5	88	30	11	9	6	0 12,6	0 4645141501 00	0 4655141501 00
MF 16	1,5	95	32	12	9	6	0 14,6	0 4645161501 00	0 4655161501 00
MF 20	1,5	105	37	16	12	6	0 18,6	0 4645201501 00	0 4655201501 00

Schneidöl / Cutting oil / Olio da taglio

Menge/Quantity/Quantità ml	Code 4601 Art.-Nr.
50	0 4601000011 00
125	0 4601000021 00
500	0 4601000031 00



Speedtap 4.0