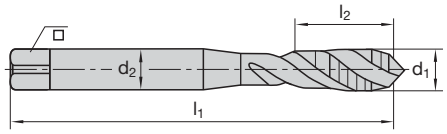
Maschinengewindebohrer Rasant®
Machine taps Rasant®

G | V | DIN 5156 | h9 | 2,5×D | 40° | C 2–3 | HSS E-PM | TiCN Plus



Katalog-Nr. Cat.-No.		6517C	6517
P1	Stahl Steel < 500 N/mm²	☐ v_c = 15–20 m/min	☐ v_c = 10–15 m/min
P2	Stahl Steel 500–1000 N/mm²	■ v_c = 15–20 m/min	■ v_c = 10–15 m/min
P3	Stahl Steel > 1000 N/mm²	☐ v_c = 10–15 m/min	
M1	Rostfreie austenitische Stähle Stainless steel austenitic	☐ v_c = 5–10 m/min	
M2	Rostfreie martensitische Stähle Stainless steel martensitic		
K1	Grauguss Grey cast iron		
K2	Sphäroguss Nodular cast iron	☐ v_c = 15–20 m/min	☐ v_c = 10–15 m/min
N1	Alu- & Cu-Legierungen langspanend Alu- & Copper alloys long chipping < 5 % Si	☐ v_c = 20–25 m/min	
N2	Alu- & Cu-Legierungen langspanend Alu- & Copper alloys long chipping 5–10 % Si	■ v_c = 15–20 m/min	☐ v_c = 10–15 m/min
N3	Alu- & Cu-Legierungen kurzspanend Alu- & Copper alloys short chipping > 10 % Si	☐ v_c = 15–20 m/min	
N4	Graphit Graphite		
S1	Titanlegierungen mittelfest Titanium alloys medium strength < 900 N/mm²		
S2	Titanlegierungen hochfest Titanium alloys high strength < 1300 N/mm²		
H1	Hartguss und Harte Stähle Chilled steel and Hardened steel 45–55 HRC		

d_1	P	l_1	l_2	d_2	☐ h12	z		Ident No.	LMT-Code	Ident No.	LMT-Code
mit Überlaufschaft with standard straight shank											
G 1/16	28	90	12	6	4,9	3	6,8	1401701	TC-CG 1/16x28-V40-1	1401700	TC-CG 1/16x28-V40-0
G 1/8	28	90	12	7	5,5	3	8,8	1401720	TC-CG 1/8x28-V40-1	1401719	TC-CG 1/8x28-V40-0
G 1/4	19	100	16	11	9	4	11,8	1401721	TC-CG 1/4x19-V40-1	1401728	TC-CG 1/4x19-V40-0
G 3/8	19	100	18	12	9	4	15,3	1401722	TC-CG 3/8x19-V40-1	1401737	TC-CG 3/8x19-V40-0
G 1/2	14	125	20	16	12	4	19	1401723	TC-CG 1/2x14-V40-1	1401746	TC-CG 1/2x14-V40-0
G 5/8	14	125	20	18	14,5	5	21	1401703	TC-CG 5/8x14-V40-1	1401748	TC-CG 5/8x14-V40-0
G 3/4	14	140	25	20	16	5	24,5	1401705	TC-CG 3/4x14-V40-1	1401750	TC-CG 3/4x14-V40-0
G 7/8	14	150	28	22	18	5	28,25	1401707	TC-CG 7/8x14-V40-1	1401752	TC-CG 7/8x14-V40-0
G 1	11	160	30	25	20	5	30,75	1401709	TC-CG 01x11-V40-1	1401754	TC-CG 01x11-V40-0

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■ = Hauptanwendung First choice
☐ = Nebenanwendung Second choice