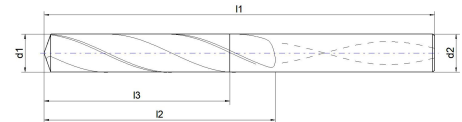
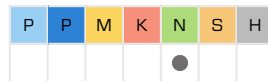
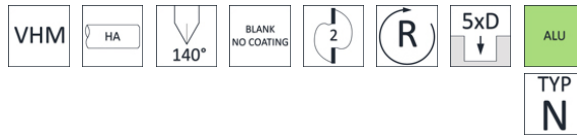


VHM Hochleistungsbohrer 5xD mit IK für Alu

Solid carbide high performance drills 5xD with IC for Aluminium



Artikelnummer Article-No.	taps	forming taps	d1	l1	l2	l3	d2 h6
E.3691.0.0200	-	-	2	57	21	16	3,0
E.3691.0.0210	-	-	2.1	57	21	16	3,0
E.3691.0.0220	-	-	2.2	57	21	16	3,0
E.3691.0.0230	-	-	2.3	57	21	16	3,0
E.3691.0.0240	-	-	2.4	57	21	16	3,0
E.3691.0.0250	M 3	-	2.5	57	21	16	3,0
E.3691.0.0260	-	-	2.6	57	21	19	3,0
E.3691.0.0270	-	-	2.7	57	21	19	3,0
E.3691.0.0280	-	M 3	2.8	57	21	19	3,0
E.3691.0.0290	M 3,5	M 3 x 0,25	2.9	57	21	19	3,0
E.3691.0.0300	-	-	3	67	28	23	6,0
E.3691.0.0310	-	-	3.1	67	28	23	6,0
E.3691.0.0320	-	-	3.2	67	28	23	6,0
E.3691.0.0330	M 4	M 3,5 x 0,	3.3	67	28	23	6,0
E.3691.0.0340	-	-	3.4	67	28	23	6,0
E.3691.0.0350	M 4 x 0,5	-	3.5	67	28	23	6,0
E.3691.0.0360	-	-	3.6	67	28	23	6,0
E.3691.0.0370	M 4,5	M 4	3.7	67	28	23	6,0
E.3691.0.0380	-	M 4 x 0,5	3.8	75	36	29	6,0
E.3691.0.0390	-	-	3.9	75	36	29	6,0
E.3691.0.0400	M 4,5 x 0,	-	4	75	36	29	6,0
E.3691.0.0410	-	-	4.1	75	36	29	6,0
E.3691.0.0420	M 5	M 4,5	4.2	75	36	29	6,0
E.3691.0.0430	-	M 4,5 x 0,	4.3	75	36	29	6,0
E.3691.0.0440	-	-	4.4	75	36	29	6,0
E.3691.0.0450	M 5 x 0,5	-	4.5	75	36	29	6,0
E.3691.0.0460	M 5,5	-	4.6	75	36	29	6,0
E.3691.0.0470	-	M 5 x 0,75	4.7	75	36	29	6,0
E.3691.0.0480	-	M 5 x 0,5	4.8	83	44	35	6,0
E.3691.0.0490	-	-	4.9	83	44	35	6,0
E.3691.0.0500	M 6 / M5,5	-	5	83	44	35	6,0
E.3691.0.0510	-	M 5,5	5.1	83	44	35	6,0
E.3691.0.0520	M 6 x 0,75	-	5.2	83	44	35	6,0
E.3691.0.0530	-	M 5,5 x 0,	5.3	83	44	35	6,0
E.3691.0.0540	-	-	5.4	83	44	35	6,0

PRODUCT DATA SHEET



Artikelnummer Article-No.	taps	forming taps	d1	l1	l2	l3	d2 h6
E.3691.0.0550	M 6 x 0,5	-	5.5	83	44	35	6,0
E.3691.0.0555	-	-	5.55	83	44	35	6,0
E.3691.0.0560	-	M 6	5.6	83	44	35	6,0
E.3691.0.0570	-	M 6 x 0,75	5.7	83	44	35	6,0
E.3691.0.0580	-	M 6 x 0,5	5.8	83	44	35	6,0
E.3691.0.0590	-	-	5.9	83	44	35	6,0
E.3691.0.0600	-	-	6	83	44	35	6,0
E.3691.0.0620	M 7 x 0,75	-	6.2	92	53	43	8,0
E.3691.0.0630	-	-	6.3	92	53	43	8,0
E.3691.0.0650	-	-	6.5	92	53	43	8,0
E.3691.0.0660	-	M 7	6.6	92	53	43	8,0
E.3691.0.0680	M 8	M 7 x 0,5	6.8	92	53	43	8,0
E.3691.0.0700	M 8 x 1	-	7	92	53	43	8,0
E.3691.0.0720	M 8 x 0,75	-	7.2	92	53	43	8,0
E.3691.0.0740	-	M 8	7.4	92	53	43	8,0
E.3691.0.0750	M 8 x 0,5	-	7.5	92	53	43	8,0
E.3691.0.0760	-	M 8 x 1	7.6	92	53	43	8,0
E.3691.0.0780	M 9	M 8 x 0,5	7.8	92	53	43	8,0
E.3691.0.0800	M 9 x 1	-	8	92	53	43	8,0
E.3691.0.0820	M 9 x 0,75	-	8.2	104	61	49	10,0
E.3691.0.0850	M 10	-	8.5	104	61	49	10,0
E.3691.0.0880	M 10 x 1,2	M 9 x 0,5	8.8	104	61	49	10,0
E.3691.0.0900	M 10 x 1	-	9	104	61	49	10,0
E.3691.0.0930	-	M 10	9.3	104	61	49	10,0
E.3691.0.0950	M 11	-	9.5	104	61	49	10,0
E.3691.0.1000	M 11 x 1	-	10	104	61	49	10,0
E.3691.0.1020	M 12 / M11	-	10.2	120	71	56	12,0
E.3691.0.1050	M 12 x 1,5	-	10.5	120	71	56	12,0
E.3691.0.1060	-	M 11 x 1	10.6	120	71	56	12,0
E.3691.0.1080	M 12 x 1,2	-	10.8	120	71	56	12,0
E.3691.0.1100	M 12 x 1	-	11	120	71	56	12,0
E.3691.0.1120	-	M 12	11.2	120	71	56	12,0
E.3691.0.1150	-	-	11.5	120	71	56	12,0
E.3691.0.1180	-	-	11.8	120	71	56	12,0
E.3691.0.1200	M 14	-	12	120	71	56	12,0
E.3691.0.1250	M 14 x 1,5	-	12.5	126	77	60	14,0
E.3691.0.1280	M 14 x 1,2	-	12.8	126	77	60	14,0
E.3691.0.1300	M 14 x 1	-	13	126	77	60	14,0
E.3691.0.1310	M 14 x 1	-	13.1	126	77	60	14,0
E.3691.0.1350	-	-	13.5	126	77	60	14,0
E.3691.0.1380	-	-	13.8	126	77	60	14,0
E.3691.0.1400	M 16 / M 1	-	14	126	77	60	14,0
E.3691.0.1450	M 16 x 1,5	-	14.5	135	83	63	16,0
E.3691.0.1480	-	-	14.8	135	83	63	16,0
E.3691.0.1500	M 16 x 1	-	15	135	83	63	16,0
E.3691.0.1510	M 16 x 1	-	15.1	135	83	63	16,0
E.3691.0.1550	M 18	-	15.5	135	83	63	16,0
E.3691.0.1580	-	-	15.8	135	83	63	16,0
E.3691.0.1600	M 18 x 2	-	16	135	83	63	16,0

PRODUCT DATA SHEET



Individuelle Schnittdaten online im
Schnittdaten-Rechner berechnen lassen:
Calculate individual cutting
data online in the cutting data calculator
www.nachreiner-schnittdaten.eu

PRODUCT DATA SHEET



Materialbezeichnung material description		Bearbeitung Process	Vc m/min	fz											
				Ø 0.170	Ø 0.200	Ø 0.230	Ø 0.260	Ø 0.280	Ø 0.300	Ø 0.330	Ø 0.350	Ø 0.370	Ø 0.400	Ø 0.450	
N	AL- und AL-Legierungen AL und AL-alloys	Bohrer VHM	250.00	0.170	0.200	0.230	0.260	0.280	0.300	0.330	0.350	0.370	0.400	0.450	
	AL- und AL-Legierungen AL und AL-alloys	Bohrer VHM	220.00	0.170	0.200	0.230	0.260	0.280	0.300	0.330	0.350	0.370	0.400	0.450	
	AL- und AL-Legierungen >12% Si AL und AL-alloys >12% Si	Bohrer VHM	200.00	0.170	0.200	0.230	0.260	0.280	0.300	0.330	0.350	0.370	0.400	0.450	
	Kupfer, Messing, Bronze, Rotguss Copper, brass, bronze, red brass	Bohrer VHM	180.00	0.130	0.150	0.170	0.190	0.210	0.220	0.240	0.250	0.270	0.300	0.340	
	Kunststoff Thermoplaste	Bohrer VHM	100.00	0.080	0.100	0.110	0.130	0.140	0.150	0.160	0.170	0.180	0.200	0.220	
	Duroplaste Duroplast	Bohrer VHM	100.00	0.080	0.100	0.110	0.130	0.140	0.150	0.160	0.170	0.180	0.200	0.220	
	GFK/CFK GFK/CFK	Bohrer VHM	100.00	0.056	0.066	0.076	0.086	0.090	0.099	0.110	0.120	0.130	0.150		