

Taps

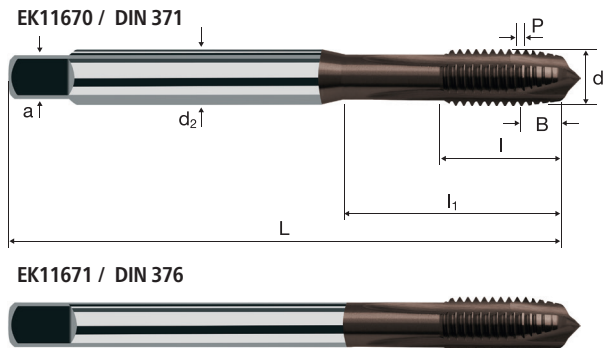


UNC **2B**

HSS-E
Co5

DIN
371/376

X-P
Form B

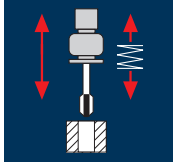








Rm < 850 **Rm** 850-1100 **Rm** 1100-1300

Example: Order-N°: EK11670 701											TiAlN
Article-N°: EK11670 α-Code: 701											EK11670
Ø Code	d	P(TPI)	d (mm)	L	l	l ₁	d ₂	a			
701	Nr.2	-56.0	2.184	45	9.00	14.5	2.8	2.1	3	1.85	●
703	Nr.4	-40.0	2.845	56	11.00	18.0	3.5	2.7	3	2.35	●
705	Nr.6	-32.0	3.505	56	12.00	20.0	4.0	3.0	3	2.85	●
706	Nr.8	-32.0	4.166	63	12.00	21.0	4.5	3.4	3	3.50	●
707	Nr.10	-24.0	4.826	70	14.00	25.0	6.0	4.9	3	3.90	●
708	Nr.12	-24.0	5.486	80	16.00	30.0	6.0	4.9	3	4.50	●
709	1/4	-20.0	6.350	80	16.00	30.0	7.0	5.5	3	5.10	●
710	5/16	-18.0	7.938	90	18.00	35.0	8.0	6.2	3	6.60	●
711	3/8	-16.0	9.525	100	20.00	39.0	10.0	8.0	3	8.00	●

Example: Order-N°: EK11671 712											TiAlN
Article-N°: EK11671 α-Code: 712											EK11671
Ø Code	d	P(TPI)	d (mm)	L	l	l ₁	d ₂	a			
712	7/16	-14.0	11.113	100	22.00	42.0	8.0	6.2	3	9.40	●
713	1/2	-13.0	12.700	110	25.00	49.0	9.0	7.0	4	10.80	●
714	9/16	-12.0	14.288	110	28.00	53.0	11.0	9.0	4	12.20	●
715	5/8	-11.0	15.875	110	30.00	53.0	12.0	9.0	4	13.50	●
716	3/4	-10.0	19.050	125	33.00	62.0	14.0	11.0	4	16.50	●
717	7/8	-9.0	22.225	140	35.00	62.0	18.0	14.5	4	19.50	●

MF
G
UN
EG

Application	Material	UNC			v_c 1.5 x d			v_c 2.0 x d			v_c 3.0 x d		
		P(TPI)	d [mm]	P [mm]	n [min ⁻¹]	v_f [100%]	n [min ⁻¹]	v_f [100%]	n [min ⁻¹]	v_f [100%]	n [min ⁻¹]	v_f [100%]	
 Steel 500 - 850 N/mm ² 	Nr.2 -56.0 2.184 0.454 20 2915 1323 16 2330 1058 12 1750 795 Nr.4 -40.0 2.845 0.635 20 2240 1422 16 1790 1137 12 1345 854 Nr.6 -32.0 3.505 0.794 20 1815 1441 16 1455 1155 12 1090 866 Nr.8 -32.0 4.166 0.794 20 1530 1215 16 1225 973 12 915 727 Nr.10 -24.0 4.826 1.058 20 1320 1397 16 1055 1116 12 790 836 Nr.12 -24.0 5.486 1.058 20 1160 1227 16 930 984 12 695 735 1/4 -20.0 6.350 1.270 20 1005 1276 16 800 1016 12 600 762 5/16 -18.0 7.938 1.411 20 800 1129 16 640 903 12 480 677 3/8 -16.0 9.525 1.588 20 670 1064 16 535 850 12 400 635												
		Steel 500 - 850 N/mm ² 	7/16 -14.0 11.113 1.814 20 575 1043 16 460 834 12 345 626 1/2 -13.0 12.700 1.954 20 500 977 16 400 782 12 300 586 9/16 -12.0 14.288 2.117 20 445 942 16 355 752 12 265 561 5/8 -11.0 15.875 2.309 20 400 924 16 320 739 12 240 554 3/4 -10.0 19.050 2.540 20 335 851 16 265 673 12 200 508 7/8 -9.0 22.225 2.822 20 285 804 16 230 649 12 170 480										
				Steel 850 - 1100 N/mm ² 	Nr.2 -56.0 2.184 0.454 16 2330 1058 12 1750 795 10 1455 661 Nr.4 -40.0 2.845 0.635 16 1790 1137 12 1345 854 10 1120 711 Nr.6 -32.0 3.505 0.794 16 1455 1155 12 1090 866 10 910 723 Nr.8 -32.0 4.166 0.794 16 1225 973 12 915 727 10 765 607 Nr.10 -24.0 4.826 1.058 16 1055 1116 12 790 836 10 660 698 Nr.12 -24.0 5.486 1.058 16 930 984 12 695 735 10 580 614 1/4 -20.0 6.350 1.270 16 800 1016 12 600 762 10 500 635 5/16 -18.0 7.938 1.411 16 640 903 12 480 677 10 400 564 3/8 -16.0 9.525 1.588 16 535 850 12 400 635 10 335 532								
						Steel 850 - 1100 N/mm ² 	7/16 -14.0 11.113 1.814 16 460 834 12 345 626 10 285 517 1/2 -13.0 12.700 1.954 16 400 782 12 300 586 10 250 489 9/16 -12.0 14.288 2.117 16 355 752 12 265 561 10 225 476 5/8 -11.0 15.875 2.309 16 320 739 12 240 554 10 200 462 3/4 -10.0 19.050 2.540 16 265 673 12 200 508 10 165 419 7/8 -9.0 22.225 2.822 16 230 649 12 170 480 10 145 409						
								Steel 1100 - 1300 N/mm ² 	Nr.2 -56.0 2.184 0.454 5 730 331 3 435 198 - - - Nr.4 -40.0 2.845 0.635 5 560 356 3 335 213 - - - Nr.6 -32.0 3.505 0.794 5 455 361 3 270 214 - - - Nr.8 -32.0 4.166 0.794 5 380 302 3 230 183 - - - Nr.10 -24.0 4.826 1.058 5 330 349 3 200 212 - - - Nr.12 -24.0 5.486 1.058 5 290 307 3 175 185 - - - 1/4 -20.0 6.350 1.270 5 250 318 3 150 191 - - - 5/16 -18.0 7.938 1.411 5 200 282 3 120 169 - - - 3/8 -16.0 9.525 1.588 5 165 262 3 100 159 - - -				
										Steel 1100 - 1300 N/mm ² 	7/16 -14.0 11.113 1.814 5 145 263 3 85 154 - - - 1/2 -13.0 12.700 1.954 5 125 244 3 75 147 - - - 9/16 -12.0 14.288 2.117 5 110 233 3 65 138 - - - 5/8 -11.0 15.875 2.309 5 100 231 3 60 139 - - - 3/4 -10.0 19.050 2.540 5 85 216 3 50 127 - - - 7/8 -9.0 22.225 2.822 5 70 198 3 45 127 - - -		