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Steels <50HRC	Stainless Steels <1400 N/mm ²		Cast Irons <390 HB		Hardened Steels -		Titaniums <1400 N/mm ²		Super Alloys <1400 N/mm ²		Aluminums -
d ₁	d ₁	d ₂	d ₃	l ₂	l ₃	l ₁	r	z	EDP No. HA		EDP No. HA
	tol.	h6	-0.2	±0.50	±0.50	±0.80	±0.015		AlCrN	GX	
12.0	-0.035	12	11.5	40.0	51	96	-	5	905RCA 1200	905RCT 1200	
12.0	-0.035	12	11.5	50.0	65	110	-	5	905RCA 1201	905RCT 1201	
12.0	-0.035	12	11.5	40.0	51	96	1.00	5	905RCA 1200 100	905RCT 1200 100	
12.0	-0.035	12	11.5	50.0	65	110	1.00	5	905RCA 1201 100	905RCT 1201 100	
12.0	-0.035	12	11.5	40.0	51	96	1.50	5	905RCA 1200 150	905RCT 1200 150	
12.0	-0.035	12	11.5	50.0	65	110	1.50	5	905RCA 1201 150	905RCT 1201 150	
12.0	-0.035	12	11.5	40.0	51	96	2.00	5	905RCA 1200 200	905RCT 1200 200	
12.0	-0.035	12	11.5	50.0	65	110	2.00	5	905RCA 1201 200	905RCT 1201 200	
12.0	-0.035	12	11.5	40.0	51	96	2.50	5	905RCA 1200 250	905RCT 1200 250	
12.0	-0.035	12	11.5	50.0	65	110	2.50	5	905RCA 1201 250	905RCT 1201 250	
12.0	-0.035	12	11.5	40.0	51	96	3.00	5	905RCA 1200 300	905RCT 1200 300	
12.0	-0.035	12	11.5	50.0	65	110	3.00	5	905RCA 1201 300	905RCT 1201 300	
12.0	-0.035	12	11.5	40.0	51	96	4.00	5	905RCA 1200 400	905RCT 1200 400	
12.0	-0.035	12	11.5	50.0	65	110	4.00	5	905RCA 1201 400	905RCT 1201 400	
16.0	-0.035	16	15.5	52.0	57	105	-	5	905RCA 1600	905RCT 1600	
16.0	-0.035	16	15.5	66.0	82	130	-	5	905RCA 1601	905RCT 1601	
16.0	-0.035	16	15.5	52.0	57	105	1.00	5	905RCA 1600 100	905RCT 1600 100	
16.0	-0.035	16	15.5	66.0	82	130	1.00	5	905RCA 1601 100	905RCT 1601 100	
16.0	-0.035	16	15.5	52.0	57	105	1.50	5	905RCA 1600 150	905RCT 1600 150	
16.0	-0.035	16	15.5	66.0	82	130	1.50	5	905RCA 1601 150	905RCT 1601 150	
16.0	-0.035	16	15.5	52.0	57	105	2.00	5	905RCA 1600 200	905RCT 1600 200	
16.0	-0.035	16	15.5	66.0	82	130	2.00	5	905RCA 1601 200	905RCT 1601 200	

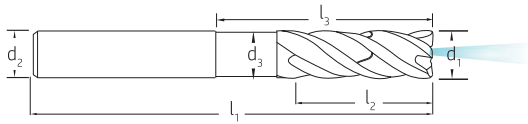
HB Weldon Shank available on request. Order Code for AlCrN Coated : 905RWA | Order Code for GX Coated: 905RWT

SUPERNOX

5 Flute 40° Helix & Unequal Pitch Endmills, Corner Radius
Cup Centre with Axial Coolant Hole

905R

TP



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Steels <50HRC		Stainless Steels <1400 N/mm²		Cast Irons <390 HB		Hardened Steels -		Titaniums <1400 N/mm²		Super Alloys <1400 N/mm²		Aluminiums -	
d ₁		d ₁	d ₂	d ₃	L ₂	L ₃	L ₁	r	z	EDP No. HA		EDP No. HA	
tol.		h6	-0.2	±0.50	±0.50	±0.80	±0.015			AlCrN		GX	
16.0	-0.035	16	15.5	52.0	57	105	2.50	5	905RCA 1600 250		905RCT 1600 250		
16.0	-0.035	16	15.5	66.0	82	130	2.50	5	905RCA 1601 250		905RCT 1601 250		
16.0	-0.035	16	15.5	52.0	57	105	3.00	5	905RCA 1600 300		905RCT 1600 300		
16.0	-0.035	16	15.5	66.0	82	130	3.00	5	905RCA 1601 300		905RCT 1601 300		
16.0	-0.035	16	15.5	52.0	57	105	4.00	5	905RCA 1600 400		905RCT 1600 400		
16.0	-0.035	16	15.5	66.0	82	130	4.00	5	905RCA 1601 400		905RCT 1601 400		
20.0	-0.035	20	19.5	64.0	80	140	-	5	905RCA 2000		905RCT 2000		
20.0	-0.035	20	19.5	82.0	100	160	-	5	905RCA 2001		905RCT 2001		
20.0	-0.035	20	19.5	64.0	80	140	1.00	5	905RCA 2000 100		905RCT 2000 100		
20.0	-0.035	20	19.5	82.0	100	160	1.00	5	905RCA 2001 100		905RCT 2001 100		
20.0	-0.035	20	19.5	64.0	80	140	1.50	5	905RCA 2000 150		905RCT 2000 150		
20.0	-0.035	20	19.5	82.0	100	160	1.50	5	905RCA 2001 150		905RCT 2001 150		
20.0	-0.035	20	19.5	64.0	80	140	2.00	5	905RCA 2000 200		905RCT 2000 200		
20.0	-0.035	20	19.5	82.0	100	160	2.00	5	905RCA 2001 200		905RCT 2001 200		
20.0	-0.035	20	19.5	64.0	80	140	2.50	5	905RCA 2000 250		905RCT 2000 250		
20.0	-0.035	20	19.5	82.0	100	160	2.50	5	905RCA 2001 250		905RCT 2001 250		
20.0	-0.035	20	19.5	64.0	80	140	3.00	5	905RCA 2000 300		905RCT 2000 300		
20.0	-0.035	20	19.5	82.0	100	160	3.00	5	905RCA 2001 300		905RCT 2001 300		
20.0	-0.035	20	19.5	64.0	80	140	4.00	5	905RCA 2000 400		905RCT 2000 400		
20.0	-0.035	20	19.5	82.0	100	160	4.00	5	905RCA 2001 400		905RCT 2001 400		
20.0	-0.035	20	19.5	64.0	80	140	5.00	5	905RCA 2000 500		905RCT 2000 500		
20.0	-0.035	20	19.5	82.0	100	160	5.00	5	905RCA 2001 200		905RCT 2001 200		

HB Weldon Shank available on request. Order Code for AlCrN Coated : 905RWA | Order Code for GX Coated: 905RWT

	MATERIAL		Hardness	ap max xD	ae max xD	Vc (m/min)	fz (mm/z) Ø					
	SLOTTING						6	8	10	12	16	20
	P	Steels, Alloy Steels and Tool Steels	<850 N/mm ²									
		Steels, Alloy Steels and Tool Steels	850-1200 N/mm ²									
		Steels, Alloy Steels and Tool Steels	<1400 N/mm ²									
	M	Stainless Steel : Easy To Machine	<750 N/mm ²									
		Stainless Steel : Difficult To Machine	<950 N/mm ²									
	K	Cast Irons, Grey, Spher., Malleable	<300 HB									
	N	Aluminiums, Aluminiums Alloys	<6% Si									
	S	Titanium , Titanium Alloys	<1100N/mm ²									
	S	HRSA (Nickel Alloys, Co. Alloys)	<1300N/mm ²									
SIDE MILLING												
	P	Steels, Alloy Steels and Tool Steels	<850 N/mm ²									
		Steels, Alloy Steels and Tool Steels	850-1200 N/mm ²									
		Steels, Alloy Steels and Tool Steels	<1400 N/mm ²	3	0.25	40	0.028	0.036	0.045	0.055	0.070	0.085
	M	Stainless Steel : Easy To Machine	<750 N/mm ²									
		Stainless Steel : Difficult To Machine	<950 N/mm ²	3	0.25	60	0.038	0.050	0.060	0.072	0.095	0.120
	K	Cast Irons, Grey, Spher., Malleable	<300 HB									
	N	Aluminiums, Aluminiums Alloys	<6% Si									
	S	Titanium , Titanium Alloys	<1100N/mm ²	3	0.25	40	0.028	0.036	0.045	0.055	0.070	0.085
	S	HRSA (Nickel Alloys, Co. Alloys)	<1300N/mm ²	3	0.25	40	0.028	0.036	0.045	0.055	0.070	0.085
RAMPING												
	P	Steels, Alloy Steels and Tool Steels	<850 N/mm ²									
		Steels, Alloy Steels and Tool Steels	850-1200 N/mm ²									
		Steels, Alloy Steels and Tool Steels	<1400 N/mm ²									
	M	Stainless Steel : Easy To Machine	<750 N/mm ²									
		Stainless Steel : Difficult To Machine	<950 N/mm ²									
	K	Cast Irons, Grey, Spher., Malleable	<300 HB									
	N	Aluminiums, Aluminiums Alloys	<6% Si									
	S	Titanium , Titanium Alloys	<1100N/mm ²									
	S	HRSA (Nickel Alloys, Co. Alloys)	<1300N/mm ²									
HELICAL MILLING												
	P	Steels, Alloy Steels and Tool Steels	<850 N/mm ²									
		Steels, Alloy Steels and Tool Steels	850-1200 N/mm ²									
		Steels, Alloy Steels and Tool Steels	<1400 N/mm ²									
	M	Stainless Steel : Easy To Machine	<750 N/mm ²									
		Stainless Steel : Difficult To Machine	<950 N/mm ²									
	K	Cast Irons, Grey, Spher., Malleable	<300 HB									
	N	Aluminiums, Aluminiums Alloys	<6% Si									
	S	Titanium , Titanium Alloys	<1100N/mm ²									
	S	HRSA (Nickel Alloys, Co. Alloys)	<1300N/mm ²									
DRILLING												
	P	Steels, Alloy Steels and Tool Steels	<850 N/mm ²									
		Steels, Alloy Steels and Tool Steels	850-1200 N/mm ²									
		Steels, Alloy Steels and Tool Steels	<1400 N/mm ²									
	M	Stainless Steel : Easy To Machine	<750 N/mm ²									
		Stainless Steel : Difficult To Machine	<950 N/mm ²									
	K	Cast Irons, Grey, Spher., Malleable	<300 HB									
	N	Aluminiums, Aluminiums Alloys	<6% Si									
	S	Titanium , Titanium Alloys	<1100N/mm ²									
	S	HRSA (Nickel Alloys, Co. Alloys)	<1300N/mm ²									
TROCHOIDAL MILLING												
	P	Steels, Alloy Steels and Tool Steels	<850 N/mm ²									
		Steels, Alloy Steels and Tool Steels	850-1200 N/mm ²									
		Steels, Alloy Steels and Tool Steels	<1400 N/mm ²	3	0.05	50	0.018	0.025	0.032	0.038	0.050	0.060
	M	Stainless Steel : Easy To Machine	<750 N/mm ²									
		Stainless Steel : Difficult To Machine	<950 N/mm ²	3	0.05	80	0.030	0.040	0.050	0.060	0.080	0.110
	K	Cast Irons, Grey, Spher., Malleable	<300 HB									
	N	Aluminiums, Aluminiums Alloys	<6% Si									
	S	Titanium , Titanium Alloys	<1100N/mm ²	3	0.05	50	0.018	0.025	0.032	0.038	0.050	0.060
	S	HRSA (Nickel Alloys, Co. Alloys)	<1300N/mm ²	3	0.05	50	0.018	0.025	0.032	0.038	0.050	0.060

Technical Data provided should be considered advisory only as variations may be necessary depending on the particular application