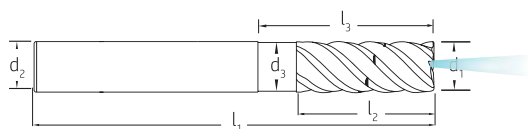


SUPERNOX 935H-955H

5 Flute 45° Helix & Unequal Pitch Endmills, Cup Centre, Micro Corner Radius, with Chipsplitters and Axial Coolant Hole

935H
945H
955H

TP



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Steels <35HRC	Stainless Steels <1100 N/mm ²	Cast Irons <300 HB	Hardened Steels -	Titaniums <1100 N/mm ²	Super Alloys <1100 N/mm ²	Aluminiums
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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

3xd										
6.0	-0.025	6	5.8	18.0	25	62	0.10	5	935HCA 0600	935HCT 0600
8.0	-0.025	8	7.6	24.0	30	68	0.15	5	935HCA 0800	935HCT 0800
10.0	-0.035	10	9.5	30.0	35	80	0.20	5	935HCA 1000	935HCT 1000
12.0	-0.035	12	11.5	36.0	45	93	0.20	5	935HCA 1200	935HCT 1200
16.0	-0.035	16	15.5	48.0	55	108	0.20	5	935HCA 1600	935HCT 1600
20.0	-0.035	20	19.5	60.0	70	126	0.20	5	935HCA 2000	935HCT 2000

4xd										
6.0	-0.025	6	5.8	24.0	29	70	0.15	5	945HCA 0600	945HCT 0600
8.0	-0.025	8	7.6	32.0	37	79	0.15	5	945HCA 0800	945HCT 0800
10.0	-0.035	10	9.5	40.0	45	90	0.20	5	945HCA 1000	945HCT 1000
12.0	-0.035	12	11.5	48.0	53	97	0.20	5	945HCA 1200	945HCT 1200
16.0	-0.035	16	15.5	64.0	69	129	0.35	5	945HCA 1600	945HCT 1600
20.0	-0.035	20	19.5	80.0	85	151	0.60	5	945HCA 2000	945HCT 2000

5xd										
6.0	-0.025	6	5.8	30.0	35	78	0.15	5	955HCA 0600	955HCT 0600
8.0	-0.025	8	7.6	40.0	45	90	0.15	5	955HCA 0800	955HCT 0800
10.0	-0.035	10	9.5	50.0	55	100	0.20	5	955HCA 1000	955HCT 1000
12.0	-0.035	12	11.5	60.0	65	120	0.20	5	955HCA 1200	955HCT 1200
16.0	-0.035	16	15.5	80.0	85	149	0.35	5	955HCA 1600	955HCT 1600
20.0	-0.035	20	19.5	100.0	105	175	0.60	5	955HCA 2000	955HCT 2000

HB Weldon Shank available on request. Order Code for AlCrN Coated : 935HWA | Order Code for GX Coated: 935HWT

	MATERIAL		Hardness		ap max ae max		Vc	6	8	fz (mm/z) Ø	10	12	16	20
	TROCHOIDAL MILLING [3xD] 934-H, 935-H		xD	xD										
	P	Steels, Alloy Steels and Tool Steels	<850 N/mm²	3	0.03-0.14	240-400	0.038-0.081	0.050-0.108	0.070-0.150	0.083-0.177	0.101-0.216	0.126-0.270		
		Steels, Alloy Steels and Tool Steels	850-1200 N/mm²	3	0.03-0.14	210-350	0.038-0.081	0.050-0.108	0.063-0.135	0.070-0.150	0.076-0.162	0.101-0.216		
		Steels, Alloy Steels and Tool Steels	<1400 N/mm²	3	0.03-0.14	240-400	0.032-0.069	0.045-0.146	0.063-0.135	0.076-0.162	0.088-0.189	0.113-0.243		
	M	Stainless Steel : Easy To Machine	<750 N/mm²	3	0.03-0.14	165-275	0.038-0.081	0.050-0.108	0.063-0.135	0.076-0.162	0.088-0.189	0.101-0.216		
		Stainless Steel : Difficult To Machine	<950 N/mm²	3	0.03-0.14	120-200	0.038-0.081	0.050-0.108	0.063-0.135	0.078-0.168	0.088-0.189	0.101-0.216		
	K	Cast Irons, Grey, Spher., Melleable	<300 HB	3	0.03-0.14	210-350	0.038-0.081	0.050-0.108	0.063-0.135	0.070-0.150	0.076-0.162	0.101-0.216		
	N	Aluminiums, Aluminiums Alloys	<6% Si											
	S	Titanium , Titanium Alloys	<1100N/mm²	3	0.03-0.14	90-150	0.038-0.081	0.050-0.108	0.063-0.135	0.076-0.162	0.088-0.189	0.113-0.243		
	S	HRSA (Nickel Alloys, Co. Alloys)	<1300N/mm²	3	0.03-0.14	98-163	0.038-0.081	0.050-0.108	0.063-0.135	0.076-0.162	0.083-0.177	0.101-0.216		
	TROCHOIDAL MILLING [3xD] 945-H													
	P	Steels, Alloy Steels and Tool Steels	<850 N/mm²	4	0.03-0.14	182-396	0.045-0.090	0.063-0.126	0.078-0.157	0.095-0.190	0.113-0.227	0.139-0.284		
		Steels, Alloy Steels and Tool Steels	850-1200 N/mm²	4	0.03-0.14	154-336	0.038-0.076	0.050-0.101	0.063-0.126	0.070-0.140	0.076-0.151	0.101-0.205		
		Steels, Alloy Steels and Tool Steels	<1400 N/mm²	4	0.03-0.14	176-384	0.032-0.064	0.045-0.090	0.063-0.126	0.076-0.151	0.088-0.176	0.113-0.231		
	M	Stainless Steel : Easy To Machine	<750 N/mm²	4	0.03-0.14	105-228	0.038-0.076	0.050-0.101	0.063-0.126	0.076-0.151	0.088-0.176	0.101-0.205		
		Stainless Steel : Difficult To Machine	<950 N/mm²	4	0.03-0.14	88-192	0.038-0.076	0.050-0.101	0.063-0.126	0.078-0.157	0.088-0.176	0.101-0.205		
	K	Cast Irons, Grey, Spher., Melleable	<300 HB	4	0.03-0.14	154-336	0.038-0.076	0.050-0.101	0.063-0.126	0.070-0.140	0.076-0.151	0.101-0.205		
	N	Aluminiums, Aluminiums Alloys	<6% Si											
	S	Titanium , Titanium Alloys	<1100N/mm²	4	0.03-0.14	66-144	0.038-0.076	0.050-0.101	0.063-0.126	0.076-0.151	0.088-0.176	0.113-0.231		
	S	HRSA (Nickel Alloys, Co. Alloys)	<1300N/mm²	4	0.03-0.14	72-156	0.032-0.064	0.045-0.090	0.057-0.115	0.063-0.126	0.083-0.165	0.101-0.205		
	TROCHOIDAL MILLING [3xD] 955-H													
	P	Steels, Alloy Steels and Tool Steels	<850 N/mm²	5	0.03-0.14	182-396	0.045-0.090	0.063-0.126	0.078-0.157	0.095-0.190	0.113-0.227	0.139-0.284		
		Steels, Alloy Steels and Tool Steels	850-1200 N/mm²	5	0.03-0.14	154-336	0.038-0.076	0.050-0.101	0.063-0.126	0.070-0.140	0.076-0.151	0.101-0.205		
		Steels, Alloy Steels and Tool Steels	<1400 N/mm²	5	0.03-0.14	176-384	0.032-0.064	0.045-0.090	0.063-0.126	0.076-0.151	0.088-0.176	0.113-0.231		
	M	Stainless Steel : Easy To Machine	<750 N/mm²	5	0.03-0.14	105-228	0.038-0.076	0.050-0.101	0.063-0.126	0.076-0.151	0.088-0.176	0.101-0.205		
		Stainless Steel : Difficult To Machine	<950 N/mm²	5	0.03-0.14	88-192	0.038-0.076	0.050-0.101	0.063-0.126	0.078-0.157	0.088-0.176	0.101-0.205		
	K	Cast Irons, Grey, Spher., Melleable	<300 HB	5	0.03-0.14	154-336	0.038-0.076	0.050-0.101	0.063-0.126	0.070-0.140	0.076-0.151	0.101-0.205		
	N	Aluminiums, Aluminiums Alloys	<6% Si											
	S	Titanium , Titanium Alloys	<1100N/mm²	5	0.03-0.14	66-144	0.038-0.076	0.050-0.101	0.063-0.126	0.076-0.151	0.088-0.176	0.113-0.231		
	S	HRSA (Nickel Alloys, Co. Alloys)	<1300N/mm²	5	0.03-0.14	72-156	0.032-0.064	0.045-0.090	0.057-0.115	0.063-0.126	0.083-0.165	0.101-0.205		