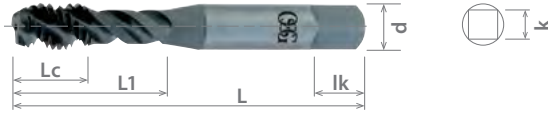




## List 299

HY-PRO® SFT

SPIRAL FLUTE	HSSE	BR	S/O	TiCN	C/2.5	45°	PACKED 1 PIECE
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EDP		Thread Size	Thread Limit	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	Surface Treatment
				L (mm)	Lc (mm)	L1 (mm)	d (mm)	k (mm)	lk (mm)		
2990400	●	M3 x 0.5	D3	49.20	4.08	16.00	3.58	2.79	4.76	3	Bright
2990401	●	M3 x 0.5	D3	49.20	4.08	16.00	3.58	2.79	4.76	3	Steam Oxide
2990408	●	M3 x 0.5	D3	49.20	4.08	16.00	3.58	2.79	4.76	3	TiCN
2993101	●	M3 x 0.5	D11	49.20	4.08	16.00	3.58	2.79	4.76	3	Steam Oxide
2990500	●	M3.5 x 0.6	D4	50.80	4.08	17.50	3.58	2.79	4.76	3	Bright
2990501	●	M3.5 x 0.6	D4	50.80	4.08	17.50	3.58	2.79	4.76	3	Steam Oxide
2990508	●	M3.5 x 0.6	D4	50.80	4.08	17.50	3.58	2.79	4.76	3	TiCN
2993301	●	M3.5 x 0.6	D11	50.80	4.08	17.50	3.58	2.79	4.76	3	Steam Oxide
2990600	●	M4 x 0.7	D4	54.00	4.80	19.10	4.27	3.33	6.35	3	Bright
2990601	●	M4 x 0.7	D4	54.00	4.80	19.10	4.27	3.33	6.35	3	Steam Oxide
2990608	●	M4 x 0.7	D4	54.00	4.80	19.10	4.27	3.33	6.35	3	TiCN
2993501	●	M4 x 0.7	D11	54.00	4.80	19.10	4.27	3.33	6.35	3	Steam Oxide
2990800	●	M5 x 0.8	D4	60.30	5.58	22.19	4.93	3.86	6.35	3	Bright
2990801	●	M5 x 0.8	D4	60.30	5.58	22.19	4.93	3.86	6.35	3	Steam Oxide
2990808	●	M5 x 0.8	D4	60.30	5.58	22.19	4.93	3.86	6.35	3	TiCN
2993701	●	M5 x 0.8	D11	60.30	5.58	22.19	4.93	3.86	6.35	3	Steam Oxide
2991000	●	M6 x 1	D5	63.50	8.00	25.40	6.48	4.85	7.94	3	Bright
2991001	●	M6 x 1	D5	63.50	8.00	25.40	6.48	4.85	7.94	3	Steam Oxide
2991008	●	M6 x 1	D5	63.50	8.00	25.40	6.48	4.85	7.94	3	TiCN
2993901	●	M6 x 1	D11	63.50	8.00	25.40	6.48	4.85	7.94	3	Steam Oxide
2991100	●	M7 x 1	D5	69.10	8.00	28.60	8.08	6.05	9.53	3	Bright
2991101	●	M7 x 1	D5	69.10	8.00	28.60	8.08	6.05	9.53	3	Steam Oxide
2991108	●	M7 x 1	D5	69.10	8.00	28.60	8.08	6.05	9.53	3	TiCN
2994101	●	M7 x 1	D11	69.10	8.00	28.60	8.08	6.05	9.53	3	Steam Oxide
2991300	●	M8 x 1	D5	69.10	10.00	28.60	8.08	6.05	9.53	3	Bright
2991301	●	M8 x 1	D5	69.10	10.00	28.60	8.08	6.05	9.53	3	Steam Oxide
2991308	●	M8 x 1	D5	69.10	10.00	28.60	8.08	6.05	9.53	3	TiCN
2994301	●	M8 x 1	D11	69.10	10.00	28.60	8.08	6.05	9.53	3	Steam Oxide
2991400	●	M8 x 1.25	D5	69.10	10.00	28.60	8.08	6.05	9.53	3	Bright
2991401	●	M8 x 1.25	D5	69.10	10.00	28.60	8.08	6.05	9.53	3	Steam Oxide
2991408	●	M8 x 1.25	D5	69.10	10.00	28.60	8.08	6.05	9.53	3	TiCN
2994501	●	M8 x 1.25	D11	69.10	10.00	28.60	8.08	6.05	9.53	3	Steam Oxide
2991600	●	M10 x 1	D5	74.60	11.98	31.80	9.68	7.26	11.11	3	Bright
2991601	●	M10 x 1	D5	74.60	11.98	31.80	9.68	7.26	11.11	3	Steam Oxide
2991608	●	M10 x 1	D5	74.60	11.98	31.80	9.68	7.26	11.11	3	TiCN
2994701	●	M10 x 1	D11	74.60	11.98	31.80	9.68	7.26	11.11	3	Steam Oxide
2991700	●	M10 x 1.25	D5	74.60	11.98	31.80	9.68	7.26	11.11	3	Bright
2991701	●	M10 x 1.25	D5	74.60	11.98	31.80	9.68	7.26	11.11	3	Steam Oxide
2991708	●	M10 x 1.25	D5	74.60	11.98	31.80	9.68	7.26	11.11	3	TiCN
2994901	●	M10 x 1.25	D11	74.60	11.98	31.80	9.68	7.26	11.11	3	Steam Oxide
2991800	●	M10 x 1.5	D6	74.60	11.98	31.80	9.68	7.26	11.11	3	Bright
2991801	●	M10 x 1.5	D6	74.60	11.98	31.80	9.68	7.26	11.11	3	Steam Oxide
2991808	●	M10 x 1.5	D6	74.60	11.98	31.80	9.68	7.26	11.11	3	TiCN
2995101	●	M10 x 1.5	D11	74.60	11.98	31.80	9.68	7.26	11.11	3	Steam Oxide
2992100	●	M12 x 1.25	D5	85.70	13.99	49.90	9.32	6.99	11.11	3	Bright
2992101	●	M12 x 1.25	D5	85.70	13.99	49.90	9.32	6.99	11.11	3	Steam Oxide
2992108	●	M12 x 1.25	D5	85.70	13.99	49.90	9.32	6.99	11.11	3	TiCN
2995201	●	M12 x 1.25	D11	85.70	13.99	49.90	9.32	6.99	11.11	3	Steam Oxide
2992200	●	M12 x 1.5	D6	85.70	13.99	49.90	9.32	6.99	11.11	3	Bright
2992201	●	M12 x 1.5	D6	85.70	13.99	49.90	9.32	6.99	11.11	3	Steam Oxide
2992208	●	M12 x 1.5	D6	85.70	13.99	49.90	9.32	6.99	11.11	3	TiCN
2995501	●	M12 x 1.5	D11	85.70	13.99	49.90	9.32	6.99	11.11	3	Steam Oxide
2992300	●	M12 x 1.75	D6	85.70	13.99	49.90	9.32	6.99	11.11	3	Bright

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
 Note: Other coatings are available upon request.





## List 299 (Continued)

HY-PRO® SFT

SPIRAL FLUTE	HSSE	BR	S/O	TiCN	C/2.5	45°	PACKED 1 PIECE
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EDP		Thread Size	Thread Limit	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	Surface Treatment
				L (mm)	Lc (mm)	L1 (mm)	d (mm)	k (mm)	lk (mm)		
2992301	●	M12 x 1.75	D6	85.70	13.99	49.90	9.32	6.99	11.11	3	Steam Oxide
2992308	●	M12 x 1.75	D6	85.70	13.99	49.90	9.32	6.99	11.11	3	TiCN
2995701	●	M12 x 1.75	D11	85.70	13.99	49.90	9.32	6.99	11.11	3	Steam Oxide
2992501	●	M14 x 1.5	D6	91.30	16.00	50.08	10.90	8.18	12.70	3	Steam Oxide
2992601	●	M14 x 2	D7	91.30	16.00	50.08	10.90	8.18	12.70	3	Steam Oxide
2992801	●	M16 x 1.5	D6	96.80	16.00	54.00	12.19	9.14	14.29	3	Steam Oxide
2992901	●	M16 x 2	D7	96.80	16.00	54.00	12.19	9.14	14.29	3	Steam Oxide
2993001	●	M18 x 1.5	D6	102.40	19.98	54.99	13.77	10.31	15.88	4	Steam Oxide
2993201	●	M18 x 2.5	D7	102.40	19.98	54.99	13.77	10.31	15.88	4	Steam Oxide
2993401	●	M20 x 1.5	D6	113.50	19.98	61.79	16.56	12.42	17.46	4	Steam Oxide
2993601	●	M20 x 2.5	D8	113.50	19.98	61.79	16.56	12.42	17.46	4	Steam Oxide
2993801	●	M22 x 1.5	D6	119.10	19.98	67.41	17.70	13.28	19.05	4	Steam Oxide
2994001	●	M22 x 2.5	D8	119.10	19.98	67.41	17.70	13.28	19.05	4	Steam Oxide
2994201	●	M24 x 1.5	D6	124.60	24.00	68.40	19.30	14.48	19.05	4	Steam Oxide
2994401	●	M24 x 3	D8	124.60	24.00	68.40	19.30	14.48	19.05	4	Steam Oxide
2994601	●	M27 x 1.5	D6	101.60	24.00	51.10	22.76	17.07	22.23	4	Steam Oxide
2994801	●	M27 x 3	D8	130.20	24.00	76.50	22.76	17.07	22.23	4	Steam Oxide
2995001	●	M30 x 1.5	D6	101.60	27.99	78.10	25.93	19.46	25.40	4	Steam Oxide
2995301	●	M30 x 3.5	D9	101.60	27.99	78.10	25.93	19.46	25.40	4	Steam Oxide

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
 Note: Other coatings are available upon request.



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P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel	300	400	17-4 PH		Aluminum		Nickel Alloy	Titanium				
Low	Medium	High							6061	Casting			Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC
1010	1035	1065	4140	4340				7075								
○	◎	◎	◎	○	○	○	○					○				
50-90 SFM	40-80 SFM	40-60 SFM	40-80 SFM	20-60 SFM	40-80 SFM	40-80 SFM	30-50 SFM	30-80 SFM				20-60 SFM				

○ Good ◎ Best

