

High Speed Deep Precision Machining

ETRP | Epoch Turbo Rib Pencil Neck

V max High Speed

▽ Roughing

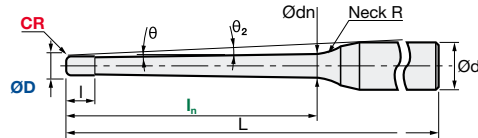
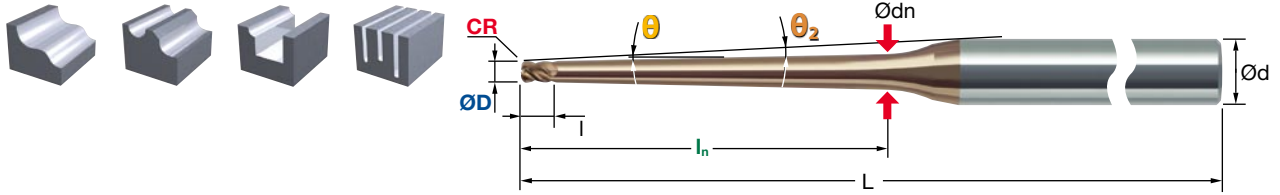
▽▽ Semi-Finishing

▽▽▽ Finishing

HRC 65

Rib. Miniature

No. of Teeth 4

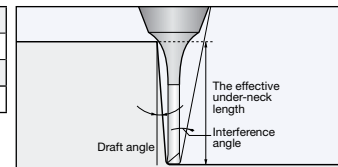


Carbide Micro Grain

TH45+ Nano-PVD Coating

Rake Angle Negative

D	(0 / -0.02)
CR	± 0.01
ød	h5
Helix angle	45°



ID Code	Item Code	Z	Size										Actual Effective Length in Incline Angles							
			ØD	CR	l _n	l	dn	L	d	Neck R	θ°	θ ₂ °	0°	1°	1.5°	2°	3°			
EP676	ETRP-4010-5-0902-TH	4	1	0.2	5	1	1.066	60	4	8.67	0.9°	2.91	5.70	5.96	6.17	6.51				
EP677	ETRP-4010-10-0902-TH				10	1.223	7	6.78	11.04	11.60			12.03	12.70						
EP678	ETRP-4010-15-0902-TH				15	1.380	10	5.57	16.35	17.25			17.89	18.89						
EP679	ETRP-4010-20-0902-TH				20	1.537		70	4.72	21.42			22.49	23.22	24.80					
EP680	ETRP-4010-25-0902-TH				25	1.694		80	4.10	26.49			27.70	28.52	30.95					
EP681	ETRP-4010-30-0902-TH				30	1.851	10	3.62	31.55	32.90			33.79	37.09						
EP682	ETRP-4010-35-0902-TH				35	2.008		80	3.24	36.61			38.08	39.03	43.24					
EP683	ETRP-4010-40-0902-TH				40	2.165		90	2.94	41.67			43.25	44.54	x					
EP684	ETRP-4010-45-0902-TH				45	2.322	10	2.68	46.73	48.41			50.08	x						
EP685	ETRP-4010-50-0902-TH				50	2.480		100	2.47	51.78			53.56	55.62	x					
EP686	ETRP-40125-10-0902-TH				10	1.455		60	6.62	11.10			11.65	12.06	12.73					
EP687	ETRP-40125-20-0902-TH				20	1.769	70	4.57	21.49	22.52			23.25	24.86						
EP688	ETRP-40125-30-0902-TH				30	2.083	80	3.49	31.61	32.93			33.81	37.15						
EP689	ETRP-40125-40-0902-TH				40	2.397	90	2.82	41.73	43.28			44.59	x						
EP690	ETRP-40125-50-0902-TH				50	2.712	100	2.37	51.83	53.59			55.67	x						
EP691	ETRP-4015-10-0903-TH	4	1.5	0.3	10	1.687	60	7	6.47	0.9°	4.04	11.15	11.67	12.08	12.74					
EP692	ETRP-4015-20-0903-TH				20	2.001	70	4.43	21.54			22.55	23.27	24.88						
EP693	ETRP-4015-30-0903-TH				30	2.315	80	3.36	31.66			32.95	33.83	37.17						
EP694	ETRP-4015-40-0903-TH				40	2.630	90	2.71	41.77			43.30	44.62	x						
EP695	ETRP-4015-50-0903-TH				50	2.944	100	2.27	51.88			53.60	55.70	x						
EP696	ETRP-40175-10-0903-TH				1.75	1.75	2.538	10	1.909			60	7	6.28	4.93	4.54	11.24	11.74	12.13	12.77
EP697	ETRP-40175-20-0903-TH							20	2.223			70	4.26	21.64			22.61	23.32	24.97	
EP698	ETRP-40175-30-0903-TH							30	2.538			80	3.22	31.75			33.00	33.86	37.26	
EP699	ETRP-40175-40-0903-TH				40	2.852	90	2.59	41.86			43.34	44.70	x						
EP700	ETRP-40175-50-0903-TH				50	3.166	100	2.16	51.95			53.64	55.78	x						
EP701	ETRP-4020-20-0905-TH				2	2	3.742	20	2.486			70	7	4.12	5.68	7.45	21.29	22.10	22.67	24.86
EP702	ETRP-4020-30-0905-TH							30	2.800			80	3.10	31.69			32.96	33.83	37.16	
EP703	ETRP-4020-40-0905-TH							40	3.114			90	2.48	41.80			43.31	44.63	x	
EP704	ETRP-4020-50-0905-TH							50	3.428			100	2.07	51.90			53.16	55.71	x	
EP705	ETRP-4020-60-0905-TH							60	3.742			110	1.77	62.00			63.89	x	x	
EP706	ETRP-4025-20-0905-TH	2.5	2.5	3.992				20	2.950	70	7	3.76	5.68	7.45			21.39	22.16	22.72	24.98
EP707	ETRP-4025-30-0905-TH				30	3.264	80	2.79	31.80	33.02	33.88	x								
EP708	ETRP-4025-40-0905-TH				40	3.578	90	2.22	41.90	43.36	44.73	x								
EP709	ETRP-4025-50-0905-TH				50	3.892	100	1.85	52.00	53.66	x	x								
EP710	ETRP-4025-60-0905-TH				60	4.207	110	1.58	62.09	63.93	x	x								
EP711	ETRP-4030-20-0908-TH				3	3	4.651	20	3.394	70	7	3.39			7.45	7.45	21.50	22.22	22.76	25.05
EP712	ETRP-4030-30-0908-TH	30	3.708	80				2.49	31.59	32.54	33.74	x								
EP713	ETRP-4030-40-0908-TH	40	4.022	90				1.96	42.03	43.42	x	x								
EP714	ETRP-4030-50-0908-TH	50	4.337	100				1.62	52.12	53.72	x	x								
EP715	ETRP-4030-60-0908-TH	60	4.651	110				1.37	62.20	x	x	x								

x = no contact