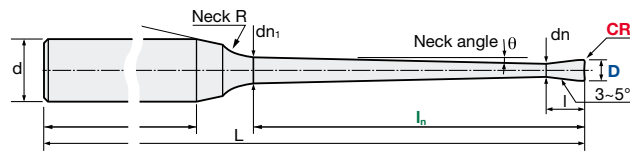


High Speed Deep Precision Machining

EPDRP | Epoch Deep Radius Pencil Neck

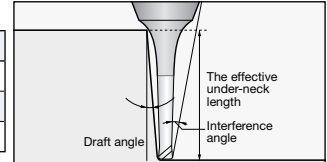
V max High Speed	▽▽▽ Finishing	HRC 70	Rib. Miniature	No. of Teeth 2
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※ Back Draft is not available for Diameters 4–6 mm

Carbide Micro Grain	TH45+ Nano-PVD Coating	Rake Angle Positive
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Helix angle	30°
CR	0.005 mm
D	(0/-0.01 mm)
d	h5



Size													Actual Effective Length in Incline angles																										
ID Code	Item Code	Z	D	CR	I _n	Neck angle θ	l	dn	dn ₁	Neck R	L	d	0°	0.5°	1°	2°	3°																						
EP 437	EPDRP-2002-2-09	2	0.2	0.05	2	0.9	0.15	0.17	0.228	10	50	4	1.10	2.34	2.82	3.44	3.93																						
EP 438	EPDRP-2004-4-09		0.4	4	0.3		0.37	0.486	1.25				2.69	4.90	5.74	6.37																							
EP 439	EPDRP-2004-5-09		0.5				5	0.35	0.47				0.518	1.25	2.69	5.92	6.87	7.55																					
EP 440	EPDRP-2005-5-09								0.6				0.616	1.30	2.81	5.93	6.88	7.55																					
EP 441	EPDRP-2005-8-09		0.6	8	0.4		0.57	0.934	0.710				1.30	2.81	9.00	10.21	11.02																						
EP 442	EPDRP-2005-10-09								0.8				0.773	1.30	2.81	11.04	12.40	13.28																					
EP 443	EPDRP-2006-12-09		0.8	12	0.4		0.5	1.029	0.847				1.35	2.92	13.08	14.57	15.52																						
EP 444	EPDRP-2006-15-09								1.0				1.029	1.35	2.92	16.14	17.81	18.84																					
EP 445	EPDRP-2008-6-04		0.8	6	0.4		0.5	0.847	0.77				1.24	6.68	7.16	7.82	8.34																						
EP 446	EPDRP-2008-12-09								1.0				1.131	1.45	3.02	13.08	14.57	15.51																					
EP 447	EPDRP-2010-8-04		1	0.2	8	0.4	1.041	0.8	0.94	1.543	10	65	6	5.09	8.87	9.39	10.11	10.66																					
EP 448	EPDRP-2010-10-09													7	1.229	2.70	5.84	11.24	12.48	13.34																			
EP 449	EPDRP-2010-15-09													7	15	1.386	0.8	1.543	0.94	1.700	1.700	10	70	6	2.70	5.84	16.32	17.88	18.88										
EP 450	EPDRP-2010-20-09																								7	2.015	2.70	5.84	26.46	28.51	30.93								
EP 451	EPDRP-2010-25-09													1.5	15	2.015	1.35	1.42	1.35	1.42	2.163	7	75	6	2.70	5.84	31.53	33.78	37.07										
EP 452	EPDRP-2010-30-09																								7	2.163	2.70	5.84	36.59	39.03	43.22								
EP 453	EPDRP-2010-35-09													1.5	25	1.849	1.35	1.42	1.35	1.42	2.163	7	80	6	3.89	8.51	16.47	17.95	18.93										
EP 454	EPDRP-2015-15-09																								7	2.320	3.89	8.51	26.60	28.57	31.04								
EP 455	EPDRP-2015-25-09													1.5	25	1.849	1.35	1.42	1.35	1.42	2.163	7	75	6	3.89	8.51	31.66	33.83	37.19										
EP 456	EPDRP-2015-30-09																								7	2.320	3.89	8.51	31.66	33.83	37.19								
EP 457	EPDRP-2020-30-0902	2	0.2	30	0.9	2.809	1.7	1.92	3.123	10	70	6	4.24	9.30	31.69	33.84	37.22																						
EP 458	EPDRP-2020-30-0905												7	2.809	4.24	8.93	31.66	33.82	37.13																				
EP 459	EPDRP-2020-40-0902												8	0.5	40	0.9	3.123	1.7	1.92	3.123	10	80	6	4.24	9.30	41.80	44.66	x											
EP 460	EPDRP-2020-40-0905																							7	4.24	8.93	41.77	44.60	x										
EP 461	EPDRP-2020-50-0902												2	0.5	50	0.9	3.438	1.7	1.92	3.438	10	90	6	4.24	9.30	51.90	55.74	x											
EP 462	EPDRP-2020-50-0905																							7	4.24	8.93	51.87	55.68	x										
EP 463	EPDRP-2030-40-0902												3	0.2	40	0.9	4.038	2.5	2.86	4.352	10	80	6	6.95	15.40	42.04	x	x											
EP 464	EPDRP-2030-40-0905																							7	6.95	15.02	42.01	x	x										
EP 465	EPDRP-2030-50-0902																							90	0.2	50	0.9	4.352	2.5	2.86	4.352	10	90	6	6.95	15.40	52.13	x	x
EP 466	EPDRP-2030-50-0905																																		7	6.95	15.02	52.10	x
EP 467	EPDRP-2030-60-0902	3	0.2	60	0.9	4.667	2.5	2.86	4.667	10	100	6												6.95	15.40	62.21	x	x											
EP 468	EPDRP-2030-60-0905																							7	6.95	15.02	62.19	x	x										