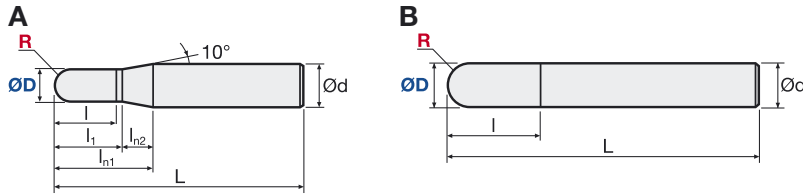
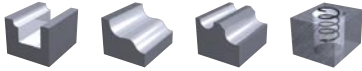


Solid Carbide 3-flute Ball End Mill for highly efficient milling

EMB-TH | Epoch Mega Feed Ball

V max High Speed	Q max High Efficient	▽ Roughing	▽▽ Semi-Finishing	▽▽▽ Finishing	HRC 65	No. of Teeth 3
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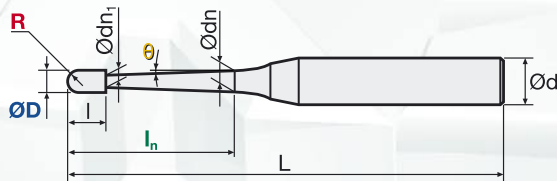


Carbide Micro Grain	TH45+ Nano-PVD Coating	Rake Angle Negative
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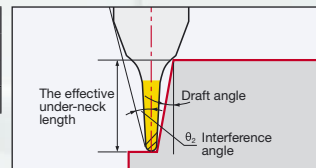
D	(0 / -0.02)
R	± 0.01
ød	h5
Helix angle	40°

ID Code	Item Code	ØD	R	l	l ₁	l _{n1}	l _{n2}	L	ød	Type
EP633	EMB-3020TH	2	1	3	4	15.3	11.3	50	6	A
EP634	EMB-3030TH	3	1.5	4.5	5.5	14	8.5	70		
EP635	EMB-3040TH	4	2	6	7	12.7	5.7	80		
EP636	EMB-3050TH	5	2.5	7.5	8.5	11.3	2.8	90		
EP637	EMB-3060TH	6	3	9	-	-	-	100	8	B
EP638	EMB-3080TH	8	4	12				10		
EP639	EMB-3100TH	10	5	15				12		
EP640	EMB-3120TH	12	6	18						

EMBP-TH | Epoch Mega Feed Ball Pencil Neck



D	(0 / -0.02)
R	± 0.01
ød	h5
Helix angle	40°



ID Code	Item Code	Size										Actual Effective Length in Incline Angles		
		ØD	l _n	R	θ	l	dn ₁	dn	L	ød	1°	2°	3°	
EP641	EMBP-3040-30-10TH	4	30	2	1°	6	3.9	4.738	80	6	31.41	x	x	
EP642	EMBP-3040-40-10TH		40					5.087	90		41.72	x	x	
EP643	EMBP-3040-50-10TH		50					5.436	100		51.72	x	x	
EP644	EMBP-3040-60-10TH		60					5.785	x		x	x		
EP645	EMBP-3050-40-10TH	5	40	2.5	7.5	4.9	6.035	90	8	41.50	44.46	x		
EP646	EMBP-3050-60-10TH		60				6.733	110		61.83	x	x		
EP647	EMBP-3060-50-10TH		50				7.331	100		51.58	x	x		
EP648	EMBP-3060-60-10TH	6	60	3	9	5.9	7.680	110	10	x	x	x		
EP649	EMBP-3060-70-10TH		70				8.030	120		71.93	x	x		
EP650	EMBP-3060-80-10TH		80				8.379	130		81.93	x	x		
EP651	EMBP-3080-60-10TH	8	60	4	12	7.9	9.576	120	10	x	x	x		
EP652	EMBP-3080-70-10TH		70				9.925	130		x	x	x		
EP653	EMBP-3080-80-10TH		80				10.274	140		82.11	x	x		
EP654	EMBP-3100-60-10TH	10	60	5	15	9.9	11.471	130	12	61.88	x	x		
EP655	EMBP-3100-75-10TH		75				11.995	140		x	x	x		

x = no contact