

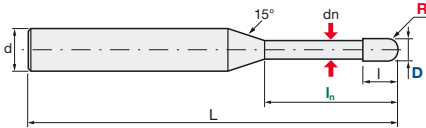
Ultra Micro Grain Solid Carbide End Mill

EPHPB-PN | Epoch High Precision Ball PaNacea

HPC High Precision
Micro Grain
PaNacea Coating
Rake Angle Positive
HRC 55
No. of Teeth 2

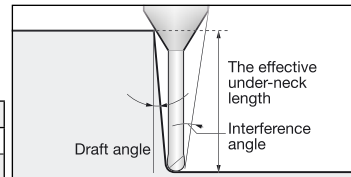


A



Carbide	PN	Rake Angle
Micro Grain	PaNacea Coating	Positive

Helix angle	30°
R	± 0.003 mm
d	h4



Size											Actual Effective Length in Incline angles				
ID Code	Item Code	Z	D	R	ln	l	dn	L _s	L	d	0.5°	1°	1.5°	2°	3°
EP1462	EPHPB-2001-0.2-PN	2	0.1	0.05	0.2	0.08	0.08	33.8	45		0.24	0.25	0.25	0.26	0.28
EP1463	EPHPB-2001-0.3-PN				0.3			33.7			0.34	0.35	0.36	0.38	0.40
EP1464	EPHPB-2001-0.5-PN				0.5			33.5			0.55	0.57	0.59	0.61	0.65
EP1465	EPHPB-2002-0.5-PN		0.2	0.1	0.5	0.15	0.17	38.6			1.08	1.12	1.15	1.19	1.28
EP1466	EPHPB-2002-1-PN				1			38.1			1.60	1.65	1.71	1.77	1.91
EP1467	EPHPB-2002-1.5-PN				1.5			37.6			1.08	1.11	1.15	1.19	1.27
EP1468	EPHPB-2003-0.5-PN		0.3	0.15	0.5	0.25	0.27	38.8			0.56	0.58	0.60	0.61	0.65
EP1469	EPHPB-2003-1-PN				1			38.3			1.08	1.11	1.15	1.19	1.27
EP1470	EPHPB-2004-1-PN				1			38.5			1.08	1.11	1.14	1.18	1.26
EP1471	EPHPB-2004-2-PN		0.4	0.2	2	0.3	0.37	37.5			2.11	2.18	2.25	2.33	2.50
EP1472	EPHPB-2004-3-PN				3			36.5			3.15	3.25	3.36	3.48	3.75
EP1473	EPHPB-2005-1-PN				1			38.7			1.08	1.11	1.14	1.17	1.25
EP1474	EPHPB-2005-2-PN	0.5	0.25	2	0.35	0.47	37.7	2.11	2.18	2.25	2.32	2.49			
EP1475	EPHPB-2005-3-PN			3			36.7	3.15	3.25	3.36	3.47	3.73			
EP1476	EPHPB-2005-4-PN			4			35.7	4.18	4.32	4.46	4.62	4.98			
EP1477	EPHPB-2005-6-PN	6	33.7	6.25	6.46	6.68	6.92	7.46							
EP1478	EPHPB-2006-2-PN	0.6	0.3	2	0.4	0.57	37.9	2.11	2.17	2.24	2.31	2.48			
EP1479	EPHPB-2006-3-PN			3			36.9	3.14	3.24	3.35	3.46	3.72			
EP1480	EPHPB-2006-4-PN			4			35.9	4.18	4.31	4.46	4.61	4.97			
EP1481	EPHPB-2006-6-PN	6	33.9	6.24	6.45	6.67	6.91	7.45							
EP1482	EPHPB-2006-8-PN	8	31.9	8.31	8.59	8.89	9.21	9.94							
EP1483	EPHPB-2008-2-PN	0.8	0.4	2	0.5	0.77	38.2	2.11	2.17	2.23	2.30	2.46			
EP1484	EPHPB-2008-4-PN			4			36.2	4.17	4.31	4.45	4.60	4.94			
EP1485	EPHPB-2008-6-PN			6			34.2	6.24	6.45	6.66	6.90	7.43			
EP1486	EPHPB-2008-8-PN	8	32.2	8.31	8.58	8.88	9.20	9.92							
EP1487	EPHPB-2008-10-PN	10	30.2	10.38	10.72	11.10	11.50	12.40							
EP1488	EPHPB-2010-2-PN	1	0.5	2	0.8	0.96	38.6	2.12	2.18	2.24	2.31	2.46			
EP1489	EPHPB-2010-4-PN			4			36.6	4.19	4.32	4.46	4.61	4.94			
EP1490	EPHPB-2010-6-PN			6			34.6	6.26	6.46	6.67	6.91	7.43			
EP1491	EPHPB-2010-8-PN	8	32.6	8.32	8.60	8.89	9.21	9.91							
EP1492	EPHPB-2010-10-PN	10	30.6	10.39	10.74	11.11	11.51	12.40							
EP1493	EPHPB-2010-12-PN	12	33.6	12.46	12.88	13.32	13.81	14.89							
EP1494	EPHPB-2015-4-PN	1.5	0.75	4	1.35	1.45	37.5	4.20	4.32	4.45	4.59	4.91			
EP1495	EPHPB-2015-8-PN			8			33.5	8.34	8.60	8.88	9.19	9.88			
EP1496	EPHPB-2015-12-PN			12			34.5	12.47	12.88	13.32	13.79	14.85			
EP1497	EPHPB-2015-16-PN	16	30.5	16.60	17.16	17.75	18.39	19.82							
EP1498	EPHPB-2015-20-PN	20	31.5	20.74	21.44	22.18	22.99	24.80							
EP1499	EPHPB-2020-4-PN	2	1	4	1.7	1.95	38.4	4.19	4.30	4.42	4.55	4.85			
EP1500	EPHPB-2020-6-PN			6			36.4	6.26	6.44	6.64	6.85	7.33			
EP1501	EPHPB-2020-8-PN			8			34.4	8.33	8.58	8.86	9.15	9.82			
EP1502	EPHPB-2020-10-PN	10	32.4	10.39	10.72	11.07	11.45	12.31							
EP1503	EPHPB-2020-12-PN	12	35.4	12.46	12.86	13.29	13.75	14.79							
EP1504	EPHPB-2020-16-PN	16	31.4	16.60	17.14	17.72	18.35	19.76							
EP1505	EPHPB-2020-20-PN	20	32.4	20.73	21.42	22.16	22.95	24.74							
EP1506	EPHPB-2020-25-PN	25	32.4	25.90	26.77	27.70	28.70	30.95							
EP1507	EPHPB-2030-8-PN	3	1.5	8	2.5	2.9	41.2	8.41	8.65	8.91	9.19	9.82			
EP1508	EPHPB-2030-12-PN			12			42.2	12.54	12.93	13.34	13.79	14.79			
EP1509	EPHPB-2030-16-PN			16			38.2	16.68	17.21	17.77	18.39	19.76			
EP1510	EPHPB-2030-20-PN	20	39.2	20.81	21.48	22.21	22.99	24.73							
EP1511	EPHPB-2030-25-PN	25	39.2	25.98	26.83	27.75	28.74	-							
EP1512	EPHPB-2040-10-PN	4	2	10	3	3.9	55	10.46	10.75	11.07	11.41	12.18			
EP1513	EPHPB-2040-20-PN			20			65	20.79	21.45	22.15	22.91	-			
EP1514	EPHPB-2040-30-PN			30			75	31.13	32.15	33.24	-	-			
EP1515	EPHPB-2040-40-PN	40	36.1	41.47	42.84	-	-	-							