

2 Flutes CBN Long Neck Ball End Mills for Super Finishing

Total 36 models

Shank taper angle Bta is only for reference

Unit (mm)

Model Number	Radius of Ball Nose R	Effective Length ℓ_1	Length of Cut ℓ	Neck Diameter ϕd_1	Shank Taper Angle Bta	Overall Length L	Shank Diameter ϕd	Suggested Retail Price ¥	Effective Length by Inclined Angles				
									30°	1°	1°30'	2°	3°
CBN-LBSF 2001-003	RO.05	0.3	0.07	0.09	15°	50	4	46,700	0.30	0.30	0.30	0.30	0.33
CBN-LBSF 2001-005		0.5				50	4	48,600	0.50	0.50	0.51	0.53	0.57
CBN-LBSF 20015-0045	RO.075	0.45	0.1	0.14	15°	50	4	46,700	0.45	0.45	0.46	0.48	0.51
CBN-LBSF 20015-0075		0.75				50	4	48,600	0.75	0.76	0.78	0.81	0.88
CBN-LBSF 2002-003	RO.1	0.3	0.13	0.19	15°	50	4	35,000	0.30	0.30	0.30	0.30	0.32
CBN-LBSF 2002-006		0.6				50	4	35,000	0.60	0.60	0.62	0.64	0.69
CBN-LBSF 2003-005	RO.15	0.5	0.22	0.28	15°	50	4	33,900	0.51	0.53	0.54	0.56	0.60
CBN-LBSF 2003-0075		0.75				50	4	34,400	0.77	0.79	0.82	0.85	0.91
CBN-LBSF 2003-009		0.9				50	4	35,000	0.91	0.94	0.97	1.01	1.08
CBN-LBSF 2004-0075	RO.2	0.75	0.32	0.38	15°	50	4	30,600	0.77	0.79	0.81	0.84	0.90
CBN-LBSF 2004-010		1				50	4	31,200	1.03	1.06	1.09	1.13	1.21
CBN-LBSF 2004-012		1.2				50	4	31,700	1.22	1.26	1.30	1.35	1.44
CBN-LBSF 2005-010	RO.25	1	0.4	0.48	15°	50	4	31,200	1.01	1.04	1.07	1.11	1.18
CBN-LBSF 2005-015		1.5				50	4	32,200	1.53	1.58	1.63	1.68	1.80
CBN-LBSF 2006-010	RO.3	1	0.48	0.58	15°	50	4	28,700	1.01	1.04	1.07	1.10	1.17
CBN-LBSF 2006-015		1.5				50	4	29,300	1.53	1.57	1.62	1.68	1.79
CBN-LBSF 2006-020		2				50	4	29,300	2.05	2.11	2.18	2.25	2.41
CBN-LBSF 2008-020	RO.4	2	0.6	0.78	15°	50	4	29,300	2.04	2.10	2.17	2.24	2.39
CBN-LBSF 2008-040		4				50	4	31,240	4.11	4.24	4.38	4.54	4.88
CBN-LBSF 2010-015	RO.5	1.5	0.7	0.98	15°	50	4	28,700	1.53	1.57	1.61	1.66	1.76
CBN-LBSF 2010-020		2				50	4	28,700	2.05	2.11	2.17	2.23	2.38
CBN-LBSF 2010-025		2.5				50	4	29,300	2.57	2.64	2.72	2.81	3.00
CBN-LBSF 2010-030		3				50	4	29,300	3.09	3.18	3.28	3.38	3.62
CBN-LBSF 2010-040		4				50	4	31,200	4.12	4.25	4.38	4.53	4.87
CBN-LBSF 2010-060		6				50	4	31,200	6.19	6.39	6.60	6.83	7.35
CBN-LBSF 2015-025	RO.75	2.5	0.9	1.46	15°	50	4	30,000	2.60	2.67	2.74	2.81	2.99
CBN-LBSF 2015-030		3				50	4	30,000	3.12	3.20	3.29	3.39	3.61
CBN-LBSF 2015-038		3.8				50	4	30,500	3.94	4.06	4.18	4.31	4.61
CBN-LBSF 2015-060		6				50	4	30,500	6.22	6.41	6.62	6.84	7.34
CBN-LBSF 2015-080		8				50	4	33,200	8.28	8.55	8.83	9.14	9.83
CBN-LBSF 2020-030	R1	3	1.2	1.97	15°	50	4	30,500	3.09	3.16	3.24	3.33	3.53
CBN-LBSF 2020-040		4				50	4	30,500	4.12	4.23	4.35	4.48	4.77
CBN-LBSF 2020-050		5				50	4	30,500	5.16	5.30	5.46	5.63	6.01
CBN-LBSF 2020-060		6				50	4	32,200	6.19	6.37	6.57	6.78	7.26
CBN-LBSF 2020-080		8				50	4	33,200	8.26	8.51	8.79	9.08	9.74
CBN-LBSF 2020-100		10				50	4	33,600	10.32	10.65	11.00	11.38	12.23

- φ3mm Shank V Series
- UDC-PCD Series
- CBN Series**
- Square
- Long Neck Square
- Radius
- Long Neck Radius
- Taper Neck Radius
- Ball / Long Shank Ball
- Long Neck Ball
- Taper Neck Ball
- Taper
- Barrel
- Spiral V Cutter
- Drill
- Technical Data