

Total 143 models

\*Shank taper angle Bta is only for reference.

Unit (mm)

Model Number	Outside Diameter $\phi D$	Corner Radius CR	Effective Length $\ell_1$	Length of Cut $\ell$	Neck Diameter $\phi d_1$	Shank Taper Angle Bta	Overall Length L	Shank Diameter $\phi d$	Suggested Retail Price ¥	Effective Length by Inclined Angles				
										30°	1°	1°30'	2°	3°
CBN-LRF 2001-002002	0.1	RO.02	0.2	0.04	0.09	15°	50	4	44,500	0.20	0.20	0.20	0.20	0.21
CBN-LRF 2001-002003			0.3				50	4	45,200	0.30	0.30	0.30	0.30	0.33
CBN-LRF 2001-002005			0.5				50	4	46,500	0.50	0.50	0.51	0.53	0.58
CBN-LRF 2001-003002		RO.03	0.2				50	4	42,500	0.20	0.20	0.20	0.20	0.21
CBN-LRF 2001-003003			0.3				50	4	43,200	0.30	0.30	0.30	0.30	0.33
CBN-LRF 2001-003005			0.5				50	4	44,500	0.50	0.50	0.51	0.53	0.58
CBN-LRF 20015-002X2	0.15	RO.02	0.2	0.06	0.14	15°	50	4	44,500	0.20	0.20	0.20	0.20	0.21
CBN-LRF 20015-002X3			0.3				50	4	45,200	0.30	0.30	0.30	0.30	0.33
CBN-LRF 20015-002X5			0.5				50	4	46,500	0.50	0.50	0.51	0.53	0.58
CBN-LRF 20015-003X2		RO.03	0.2				50	4	42,500	0.20	0.20	0.20	0.20	0.21
CBN-LRF 20015-003X3			0.3				50	4	43,200	0.30	0.30	0.30	0.30	0.33
CBN-LRF 20015-003X5			0.5				50	4	44,500	0.50	0.50	0.51	0.53	0.58
CBN-LRF 2002-002005	0.2	RO.02	0.5	0.08	0.19	15°	50	4	33,900	0.50	0.50	0.51	0.53	0.58
CBN-LRF 2002-002X75			0.75				50	4	34,400	0.75	0.76	0.79	0.82	0.89
CBN-LRF 2002-002010			1				50	4	34,900	1.00	1.03	1.07	1.11	1.20
CBN-LRF 2002-003005		RO.03	0.5				50	4	30,500	0.50	0.50	0.51	0.53	0.58
CBN-LRF 2002-003X75			0.75				50	4	30,900	0.75	0.76	0.79	0.82	0.89
CBN-LRF 2002-003010			1				50	4	31,400	1.00	1.03	1.07	1.11	1.20
CBN-LRF 2002-005005	0.25	RO.05	0.5	0.1	0.24	15°	50	4	30,500	0.50	0.50	0.51	0.53	0.57
CBN-LRF 2002-005X75			0.75				50	4	30,900	0.75	0.76	0.79	0.82	0.88
CBN-LRF 2002-005010			1				50	4	31,400	1.00	1.03	1.06	1.10	1.19
CBN-LRF 20025-005X5		RO.01	0.5				50	4	33,900	1.02	1.06	1.10	1.14	1.24
CBN-LRF 20025-005X75			0.75				50	4	33,500	0.51	0.53	0.55	0.57	0.62
CBN-LRF 20025-005010			1				50	4	33,700	0.77	0.79	0.82	0.86	0.93
CBN-LRF 2003-001010	0.3	RO.02	1	0.13	0.28	15°	50	4	33,900	1.02	1.06	1.10	1.14	1.24
CBN-LRF 2003-002005			0.5				50	4	33,900	1.02	1.06	1.10	1.14	1.24
CBN-LRF 2003-002X75			0.75				50	4	34,400	1.54	1.60	1.65	1.72	1.86
CBN-LRF 2003-002010			1				50	4	34,900	2.05	2.12	2.20	2.28	2.47
CBN-LRF 2003-002015			1.5				50	4	30,100	0.51	0.53	0.55	0.57	0.62
CBN-LRF 2003-002020			2				50	4	30,300	0.77	0.79	0.82	0.85	0.93
CBN-LRF 2003-003005		RO.03	0.5				50	4	30,500	1.02	1.06	1.10	1.14	1.24
CBN-LRF 2003-003X75			0.75				50	4	30,900	1.54	1.60	1.65	1.72	1.86
CBN-LRF 2003-003010			1				50	4	31,300	2.05	2.12	2.20	2.28	2.47
CBN-LRF 2003-003015			1.5				50	4	30,100	0.51	0.52	0.54	0.56	0.61
CBN-LRF 2003-003020			2				50	4	30,300	0.76	0.79	0.82	0.85	0.92
CBN-LRF 2003-005005			RO.05				0.5	50	4	30,500	1.02	1.06	1.10	1.14
CBN-LRF 2003-005X75		0.75					50	4	30,900	1.54	1.59	1.65	1.71	1.85
CBN-LRF 2003-005010		1					50	4	31,300	2.05	2.12	2.20	2.28	2.46
CBN-LRF 2003-005015		1.5												
CBN-LRF 2003-005020		2												

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φ3mm Shank  
V SeriesUDC-PCD  
SeriesCBN  
Series

Square

Square  
Long Neck  
Square

Radius

Radius  
Long Neck  
RadiusTaper Neck  
RadiusBall / Long  
Shank BallBall  
Long Neck  
BallTaper Neck  
BallTaper  
Taper

Barrel

Spiral  
V Cutter

Drill

Technical Data