



For spindles with exceptionally restricted or narrow space, this model is ideal in that it is super thin and requires no additional tooling or components to do its job. For thread sizes under M45 we offer the SBL-D with 3 lock screws, and for larger threads we offer the SBL-D with 6 lock screws. Balance adjustment screw holes can be fitted with screw-in plugs (option), eliminating high frequency noise and subsequent vibration.

- Material Composition: SCM440(42CrMo4)
- Thread Precision: ISO 4H
- Edge Bevel: 0.002mm
- Hardness: HRC48° ~ 52°
- Parallelism: 0.002mm
- Concentricity: 0.005mm

## SBL-D

Thread	D	h	d	U x V	C	F	m x n	MAX.Nm	Loosening Torque Nm
SBL-D M20 x 1	32	10	27	M4 x 6	13	5	M5 x 3	4.5	24.0
SBL-D M20 x 1.5									
SBL-D M25 x 1.5	45	12	33	M5 x 9	16	6	M6 x 3	8.0	26.5
SBL-D M30 x 1.5			40						28.4
SBL-D M35 x 1.5			47						34.3
SBL-D M40 x 1.5	65	14	52	M6 x 9	25	8	M8 x 6	18.0	36.3
SBL-D M45 x 1.5			59						56.9
SBL-D M50 x 1.5			64						63.7
SBL-D M55 x 2			68						68.6
SBL-D M60 x 2	80	16	73	M6 x 12	35	10	M8 x 6	18.0	96.1
SBL-D M65 x 2			78						112.7
SBL-D M70 x 2			84						137.3
SBL-D M75 x 2			90						145.1
SBL-D M80 x 2			96						149.0
SBL-D M85 x 2	110	18	102	M8 x 12	49	12	M10 x 6	35.0	168.6
SBL-D M90 x 2			108						178.4
SBL-D M95 x 2			113						193.1
SBL-D M100 x 2			118						210.8
SBL-D M105 x 2			125						215.7
SBL-D M110 x 2			132						230.4
SBL-D M115 x 2	145	22	137	M8 x 12	66	16	M10 x 6	35.0	250.0
SBL-D M120 x 2			142						264.7
SBL-D M125 x 2			147						274.5
SBL-D M130 x 2			152						294.1
SBL-D M135 x 2			160						328.4
SBL-D M140 x 2	180	26	165	M8 x 12	80	20	M10 x 6	35.0	372.5
SBL-D M145 x 2			175						402.0
SBL-D M150 x 2			180						421.6