



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	38	12	33	M5 x 9	16	6	M6 x 3	8.0	26.5
SBL-D M30 x 1.5									
SBL-D M35 x 1.5	45	14	40	M6 x 9	19	8	M8 x 6	18.0	28.4
SBL-D M40 x 1.5									
SBL-D M45 x 1.5	52	16	47	M6 x 12	22	10	M10 x 6	35.0	34.3
SBL-D M50 x 1.5									
SBL-D M55 x 2	58	18	52	M8 x 12	25	12	M10 x 6	35.0	36.3
SBL-D M60 x 2									
SBL-D M65 x 2	65	20	59	M8 x 12	28	14	M10 x 6	35.0	56.9
SBL-D M70 x 2									
SBL-D M75 x 2	70	22	64	M8 x 12	30	16	M10 x 6	35.0	63.7
SBL-D M80 x 2									
SBL-D M85 x 2	75	24	68	M8 x 12	33	18	M10 x 6	35.0	68.6
SBL-D M90 x 2									
SBL-D M95 x 2	80	26	73	M8 x 12	35	20	M10 x 6	35.0	96.1
SBL-D M100 x 2									
SBL-D M105 x 2	85	28	78	M8 x 12	38	22	M10 x 6	35.0	112.7
SBL-D M110 x 2									
SBL-D M115 x 2	92	30	84	M8 x 12	41	24	M10 x 6	35.0	137.3
SBL-D M120 x 2									
SBL-D M125 x 2	98	32	90	M8 x 12	43	26	M10 x 6	35.0	145.1
SBL-D M130 x 2									
SBL-D M135 x 2	105	34	96	M8 x 12	46	28	M10 x 6	35.0	149.0
SBL-D M140 x 2									
SBL-D M145 x 2	110	36	102	M8 x 12	49	30	M10 x 6	35.0	168.6
SBL-D M150 x 2									
SBL-D M90 x 2	120	38	108	M8 x 12	53	32	M10 x 6	35.0	178.4
SBL-D M95 x 2									
SBL-D M100 x 2	125	40	113	M8 x 12	55	34	M10 x 6	35.0	193.1
SBL-D M105 x 2									
SBL-D M110 x 2	130	42	118	M8 x 12	58	36	M10 x 6	35.0	210.8
SBL-D M115 x 2									
SBL-D M120 x 2	140	44	125	M8 x 12	61	38	M10 x 6	35.0	215.7
SBL-D M125 x 2									
SBL-D M130 x 2	145	46	132	M8 x 12	64	40	M10 x 6	35.0	230.4
SBL-D M135 x 2									
SBL-D M140 x 2	150	48	137	M8 x 12	66	42	M10 x 6	35.0	250.0
SBL-D M145 x 2									
SBL-D M150 x 2	155	50	142	M8 x 12	69	44	M10 x 6	35.0	264.7
SBL-D M155 x 2									
SBL-D M160 x 2	160	52	147	M8 x 12	71	46	M10 x 6	35.0	274.5
SBL-D M165 x 2									
SBL-D M170 x 2	165	54	152	M8 x 12	74	48	M10 x 6	35.0	294.1
SBL-D M175 x 2									
SBL-D M180 x 2	175	56	160	M8 x 12	78	50	M10 x 6	35.0	328.4
SBL-D M185 x 2									
SBL-D M190 x 2	180	58	165	M8 x 12	80	52	M10 x 6	35.0	372.5
SBL-D M195 x 2									
SBL-D M200 x 2	190	60	175	M8 x 12	84	54	M10 x 6	35.0	402.0
SBL-D M205 x 2									
SBL-D M210 x 2	195	62	180	M8 x 12	86	56	M10 x 6	35.0	421.6
SBL-D M215 x 2									