



Lock screws intersect at a 30° angle. Superior to traditional locknuts with only 3 lock screws, the SBL-A employ 6 lock screws to the axis. Perfect mesh. Precision and balanced compression. Zero loosening under any load or speed. Inner threads, outer skirts, clamping and trailing rims are all precision ground, minimizing noise and vibration.

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

## SBL-A

Thread	D	h	d	U x V	C	F	m x n	MAX.Nm	Loosening Torque Nm	
SBL-A M20 x 1	38	16	33	Ø4.3 x 3	13	5	M5 x 6	4.5	28.9	
SBL-A M20 x 1.5							M6 x 6			8.0
SBL-A M25 x 1.5							16			30.4
SBL-A M30 x 1.5	45	18	40	19	32.4					
SBL-A M35 x 1.5	52	20	47	22	39.2					
SBL-A M40 x 1.5	58		52	25	46.1					
SBL-A M45 x 1.5	65		59	28	61.8					
SBL-A M50 x 1.5	70	24	64	30	70.6					
SBL-A M55 x 2	75		68	33	88.2					
SBL-A M60 x 2	80		73	35	98.0					
SBL-A M65 x 2	85	26	78	38	127.5					
SBL-A M70 x 2	92		84	41	147.1					
SBL-A M75 x 2	98		90	43	152.0					
SBL-A M80 x 2	105	28	96	46	156.9					
SBL-A M85 x 2	110		102	49	176.5					
SBL-A M90 x 2	120		108	53	186.3					
SBL-A M95 x 2	125	30	113	55	201.0					
SBL-A M100 x 2	130		118	58	220.6					
SBL-A M105 x 2	140		125	61	236.3					
SBL-A M110 x 2	145	32	132	64	252.0					
SBL-A M115 x 2	150		137	66	268.1					
SBL-A M120 x 2	155		142	69	279.4					
SBL-A M125 x 2	160	32	147	71	289.2					
SBL-A M130 x 2	165		152	74	313.7					
SBL-A M135 x 2	175		160	78	352.9					
SBL-A M140 x 2	180	32	165	80	392.2					
SBL-A M145 x 2	190		175	84	436.3					
SBL-A M150 x 2	195		180	86	480.4					

Notes: (1) The data are intended for reference only. (2) 1Nm=10.2kgf.cm=0.73lb.ft