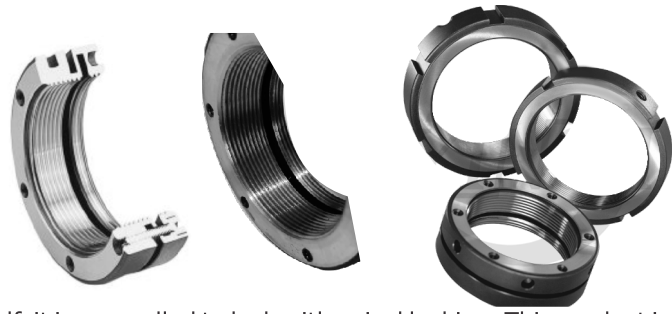
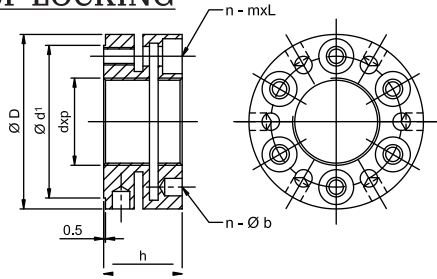


PRECISION LOCK NUT (BLC TYPE)

BLC CLASP LOCKING



The locking method utilize the elasticity of steel itself, it is compelled to lock with axial locking. This product is designed for bad work surroundings and easy let-off nut. It's ability of locking is 3 times as stronger as traditional locking, this is its advantage. For the locking method of BLC because of the miss of assembly, it can not assure the vertical deflection between ground end and threads, that is the defect of this type.

Remarks :

1) The data is for reference only.

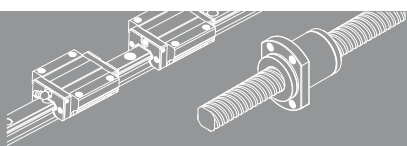
2) 1 Nm = 10.2 kg .cm = 0.731b.ft

Material = SCM440 (42CrM04) Hardness = HRC 28^o- 32^o

Thread tolerance : ISO 6H

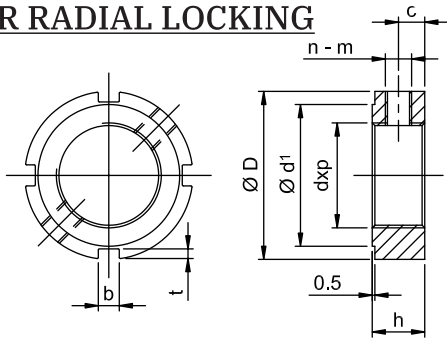
Ground end squareness : 0.007 mm

PART NO.	d X p	D	h	d ₁	n	b	n - m x L
BLC M12 X 1	M12 X 1	26	15	22	3	3	3 - M3 x 10
BLC M16 X 1.5	M16 X 1.5	34	18	29	4	4	4 - M4 x 12
BLC M17 X 1	M17 X 1	37		32			
BLC M18 X 1	M18 X 1	38		33			
BLC M20 X 1	M20 X 1	40		35			
BLC M20 X 1.5	M20 X 1.5			37			
BLC M22 X 1.5	M22 X 1.5	42		39			
BLC M24 X 1.5	M24 X 1.5	44		40			
BLC M25 X 1.5	M25 X 1.5	45		43			
BLC M28 X 1.5	M28 X 1.5	46		45			
BLC M30 X 1.5	M30 X 1.5	48		47			
BLC M32 X 1.5	M32 X 1.5	50	50	6	5	4 - M4 x 16	
BLC M35 X 1.5	M35 X 1.5	53	53				
BLC M38 X 1.5	M38 X 1.5	56	55				
BLC M40 X 1.5	M40 X 1.5	58	56				
BLC M42 X 1.5	M42 X 1.5	60	60				
BLC M45 X 1.5	M45 X 1.5	64	65				
BLC M48 X 1.5	M48 X 1.5	68	66				
BLC M50 X 1.5	M50 X 1.5	70	68				
BLC M52 X 1.5	M52 X 1.5	72	70				
BLC M55 X 1.5	M55 X 1.5	75	77				
BLC M58 X 1.5	M58 X 1.5	78	79	6	6	6 - M4 x 18	
BLC M60 X 1.5	M60 X 1.5	82	80				
BLC M62 X 1.5	M62 X 1.5	84	83				
BLC M65 X 1.5	M65 X 1.5	88	87				
BLC M70 X 2	M70 X 2	92	93				
BLC M75 X 2	M75 X 2	98	99				
BLC M80 X 2	M80 X 2	105	104				
BLC M85 X 2	M85 X 2	110	114				
BLC M90 X 2	M90 X 2	120	119				
BLC M95 X 2	M95 X 2	125	123				
BLC M100 X 2	M100 X 2	130	133				
BLC M105 X 2	M105 X 2	140	138				
BLC M110 X 2	M110 X 2	145	143				
BLC M115 X 2	M115 X 2	150	147				
BLC M120 X 2	M120 X 2	155	152				
BLC M125 X 2	M125 X 2	160	156				
BLC M130 X 2	M130 X 2	165	166				
BLC M135 X 2	M135 X 2	175	170				
BLC M140 X 2	M140 X 2	180	179				
BLC M145 X 2	M145 X 2	190	183				
BLC M150 X 2	M150 X 2	195	188				
BLC M155 X 3	M155 X 3	200	193				
BLC M160 X 3	M160 X 3	205	196				
BLC M165 X 3	M165 X 3	210	200				
BLC M170 X 3	M170 X 3	215	214				
BLC M180 X 3	M180 X 3	230	223				
BLC M190 X 3	M190 X 3	240	232				
BLC M200 X 3	M200 X 3	250					



PRECISION LOCKNUT (BLR LOCKNUT)

BLR RADIAL LOCKING



The locking method is radial three points thickness is much thinner than other product. It is suitable, especially when there is the restriction of space of screw thickness and you can't find any other substitutes.

Material : SCMM440 (42CrM04)

Hardness : HRC HRC 28°- 32°

Thread tolerance : ISO 4H

Ground end squareness : 0.002 mm

Remark :

- 1) The data is for reference only
- 2) 1 Nm = 10.2 kg.cm = 0.73 lb.ft

PART NO.	d x p	D	h	b	t	d ₁	c	n - m
BLR M6	M 6 x 0.5	16	8	3	2	12	4	2 - M4
BLR M8	M 8 x 0.75	16				12		
BLR M10	M 10 x 1	18				14		
BLR M12	M 12 x 1	22				18		
BLR M15	M 15 x 1	25	10	4	2	21	5	2 - M5
BLR M17	M 17 x 1	28				23		
BLR M20	M 20 x 1	32	12	5	2	27	6	3 - M5
BLR M22	M 22 x 1.5	34				29		
BLR M25	M 25 x 1.5	38				33		
BLR M30	M 30 x 1.5	45				40		
BLR M32	M 32 x 1.5	48	14	6	2.5	43	7	3 - M6
BLR M35	M 35 x 1.5	52				47		
BLR M38	M 38 x 1.5	56				50		
BLR M40	M 40 x 1.5	58				52		
BLR M42	M 42 x 1.5	60	16	7	3	54	8	3 - M6
BLR M45	M 45 x 1.5	65				59		
BLR M50	M 50 x 1.5	70	18	8	3.5	64	9	3 - M8
BLR M55	M 55 x 2.0	75				68		
BLR M60	M 60 x 2	80				73		
BLR M65	M 65 x 2	85				78		
BLR M70	M 70 x 2	92	20	10	4	85	10	3 - M8
BLR M75	M 75 x 2	98				90		
BLR M80	M 80 x 2	105				95		
BLR M85	M 85 x 2	110				102		
BLR M90	M 90 x 2	120	22	12	5	108	11	3 - M10
BLR M95	M 95 x 2	125				113		
BLR M100	M 100 x 2	130	24	14	6	120	12	3 - M10
BLR M105	M 105 x 2	140				126		
BLR M110	M 110 x 2	145				133		
BLR M120	M 120 x 2	155				138		
BLR M130	M 130 x 2	165	26	14	6	138	13	3 - M10
BLR M140	M 140 x 2	180				160		
BLR M150	M 150 x 2	195				171		

