

PRECISION LOCKNUTS FOR BEARINGS

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Video

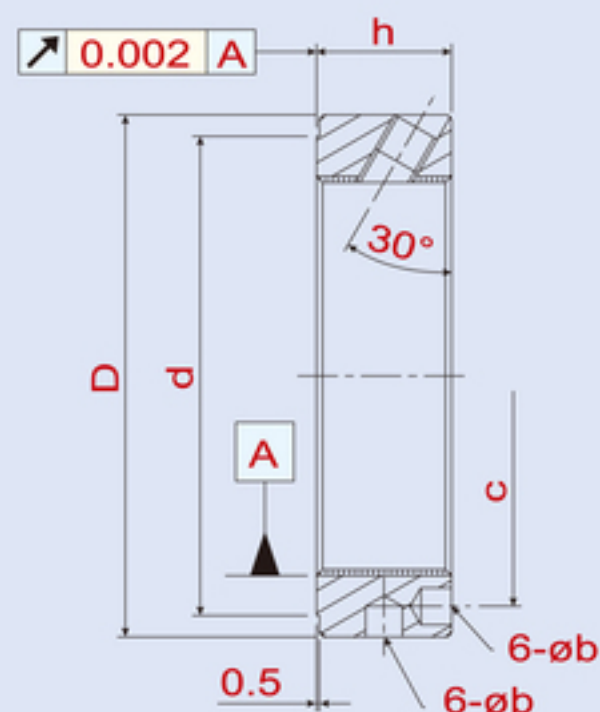
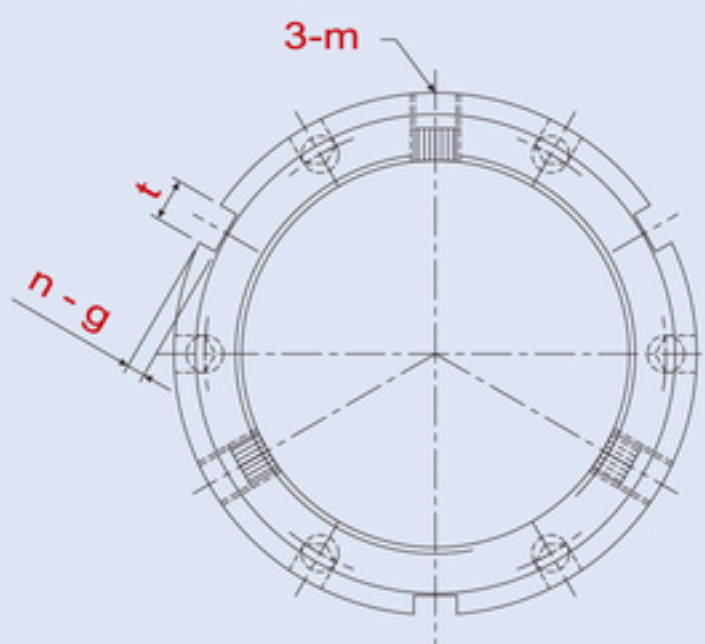




PRECISION LOCKNUTS FOR BEARINGS

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YSF

Thread	D	h	d	n - g x t	m	MAX. Nm
YSF M14 x 1.5	30	14	25	3-4 x 2	M5	4.5
YSF M15 x 1	30	14	25	3-4 x 2	M5	4.5
YSF M16 x 1.5	30	14	25	3-4 x 2	M5	4.5
YSF M17 x 1	32	16	27	3-4 x 2	M5	4.5
YSF M18 x 1.5	32	16	27	3-4 x 2	M5	4.5
YSF M20 x 1	38	16	33	3-4 x 2	M6	4.5
YSF M20 x 1.5	38	16	33	3-4 x 2	M6	8.0
YSF M22 x 1.5	38	16	33	3-4 x 2	M6	8.0
YSF M24 x 1.5	38	18	33	3-5 x 2	M6	8.0
YSF M25 x 1.5	38	18	33	3-5 x 2	M6	8.0
YSF M27 x 1.5	40	18	35	3-5 x 2	M6	8.0
YSF M30 x 1.5	45	18	40	3-5 x 2	M6	8.0
YSF M33 x 1.5	50	18	45	3-5 x 2	M6	8.0
YSF M35 x 1.5	52	18	47	3-5 x 2	M8	18.0
YSF M36 x 1.5	52	18	47	3-5 x 2	M8	18.0
YSF M39 x 1.5	58	20	52	3-6 x 2.5	M8	18.0
YSF M40 x 1.5	58	20	52	3-6 x 2.5	M8	18.0
YSF M42 x 1.5	62	20	56	3-6 x 2.5	M8	18.0
YSF M45 x 1.5	65	20	59	3-6 x 2.5	M8	18.0
YSF M48 x 1.5	70	20	64	3-6 x 2.5	M8	18.0
YSF M50 x 1.5	70	20	64	3-6 x 2.5	M8	18.0
YSF M52 x 1.5	73	22	68	3-7 x 3	M8	18.0
YSF M55 x 1.5	75	22	68	3-7 x 3	M8	18.0
YSF M55 x 2	75	22	68	3-7 x 3	M8	18.0
YSF M56 x 2	75	22	68	3-7 x 3	M8	18.0
YSF M60 x 2	80	22	73	3-7 x 3	M8	18.0
YSF M64 x 2	85	22	78	3-7 x 3	M8	18.0
YSF M65 x 2	85	22	78	3-7 x 3	M8	18.0
YSF M68 x 2	92	24	84	3-8 x 3.5	M8	18.0
YSF M70 x 2	92	24	84	3-8 x 3.5	M8	18.0
YSF M72 x 2	94	24	86	3-8 x 3.5	M8	18.0
YSF M75 x 2	98	24	90	3-8 x 3.5	M8	18.0
YSF M76 x 2	98	24	90	3-8 x 3.5	M8	18.0

YSF Flank Locking

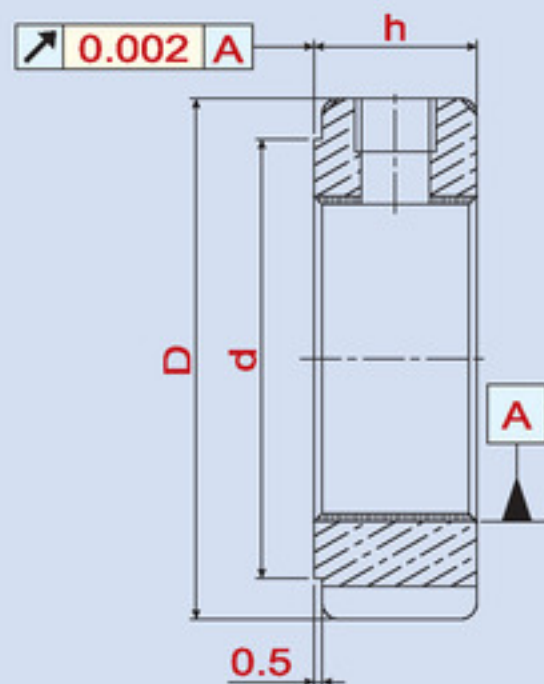
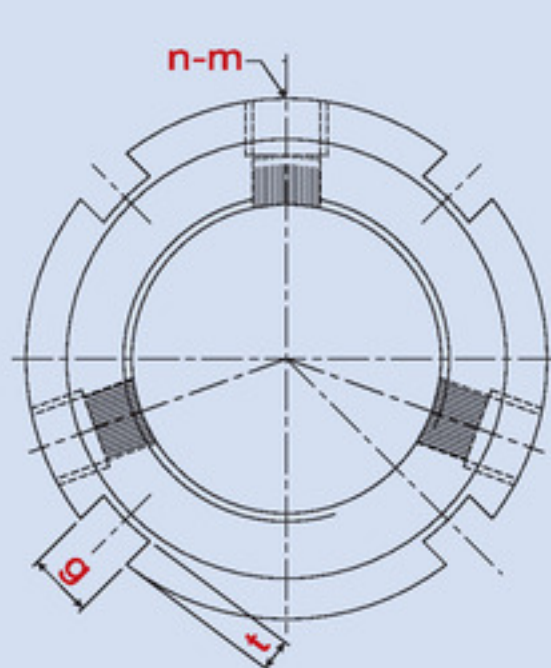
The YSF Series locknuts employ 30°, 3 point locking. The outstanding design of the brass threads are perfectly matched and prevent any loosening whatsoever. 30° design locking screws also reduce torque on this product.

- Material Composition: SCM440(42CrMo4)
- Hardness: HRC28°~32°
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Grinding
- Run Out
M14~200: 0.002mm
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Turning
- Run Out
M14~200: 0.005mm
M210~300: 0.007mm



YSF

Thread	D	h	d	n - g x t	m	MAX. Nm
YSF M80 x 2	105	24	96	3-8 x 3.5	M8	18.0
YSF M85 x 2	110	24	102	6-8 x 3.5	M8	18.0
YSF M90 x 2	120	26	108	6-10 x 4	M8	18.0
YSF M95 x 2	125	26	113	6-10 x 4	M8	18.0
YSF M100 x 2	130	26	118	6-10 x 4	M8	18.0
YSF M105 x 2	140	28	125	6-10 x 4	M10	35.0
YSF M110 x 2	145	28	132	6-10 x 4	M10	35.0
YSF M115 x 2	150	28	137	6-10 x 4	M10	35.0
YSF M120 x 2	155	30	142	6-12 x 5	M10	35.0
YSF M125 x 2	160	30	147	6-12 x 5	M10	35.0
YSF M130 x 2	165	30	152	6-12 x 5	M10	35.0
YSF M135 x 2	175	32	160	6-12 x 5	M10	35.0
YSF M140 x 2	180	32	165	6-12 x 5	M10	35.0
YSF M145 x 2	190	32	175	6-12 x 5	M10	35.0
YSF M150 x 2	195	32	180	6-12 x 5	M10	35.0
YSF M155 x 3	200	34	180	6-14 x 6	M10	35.0
YSF M160 x 3	210	34	190	6-14 x 6	M10	35.0
YSF M165 x 3	210	34	190	6-14 x 6	M10	35.0
YSF M170 x 3	220	34	200	6-14 x 6	M10	35.0
YSF M180 x 3	230	36	205	6-16 x 7	M12	60.0
YSF M190 x 3	240	36	215	6-16 x 7	M12	60.0
YSF M200 x 3	250	38	225	6-16 x 7	M12	60.0
YSF M210 x 3	260	38	245	6-16 x 7	M12	60.0
YSF M220 x 3	270	38	255	6-16 x 7	M12	60.0
YSF M230 x 3	280	40	258	6-16 x 9	M12	60.0
YSF M240 x 3	290	40	268	6-16 x 9	M12	60.0
YSF M250 x 3	300	40	278	6-16 x 9	M12	60.0
YSF M260 x 4	310	40	288	6-20 x 10	M14	100.0
YSF M270 x 4	320	40	298	6-20 x 10	M14	100.0
YSF M280 x 4	330	40	308	6-20 x 10	M14	100.0
YSF M290 x 4	340	42	315	6-22 x 11	M14	100.0
YSF M300 x 4	350	42	325	6-22 x 11	M14	100.0



YSR

Thread	D	h	g	t	d	n - m	MAX. Nm
YSR M6 x 0.5	16	8	3	2	11	2 - M4	3.5
YSR M8 x 0.75	16	8	3	2	11	2 - M4	3.5
YSR M10 x 0.75	18	8	3	2	13	2 - M4	3.5
YSR M10 x 1	18	8	3	2	13	2 - M4	3.5
YSR M12 x 1	20	8	3	2	16	2 - M4	3.5
YSR M12 x 1.25	20	8	3	2	16	2 - M4	3.5
YSR M14 x 1.5	25	8	3	2	21	2 - M4	3.5
YSR M15 x 1	25	8	3	2	21	2 - M4	3.5
YSR M16 x 1.5	28	10	4	2	23	2 - M5	4.5
YSR M17 x 1	28	10	4	2	23	2 - M5	4.5
YSR M18 x 1.5	30	10	4	2	25	2 - M5	4.5
YSR M20 x 1	32	10	4	2	27	3 - M5	4.5
YSR M20 x 1.5	32	10	4	2	27	3 - M5	4.5
YSR M22 x 1.5	35	10	4	2	30	3 - M5	4.5
YSR M24 x 1.5	38	12	5	2	33	3 - M6	8.0
YSR M25 x 1.5	38	12	5	2	33	3 - M6	8.0
YSR M27 x 1.5	42	12	5	2	37	3 - M6	8.0
YSR M30 x 1.5	45	12	5	2	40	3 - M6	8.0
YSR M33 x 1.5	52	12	5	2	45	3 - M6	8.0
YSR M35 x 1.5	52	12	5	2	47	3 - M6	8.0
YSR M36 x 1.5	55	14	6	2.5	49	3 - M6	8.0
YSR M39 x 1.5	58	14	6	2.5	52	3 - M6	8.0
YSR M40 x 1.5	58	14	6	2.5	52	3 - M6	8.0
YSR M42 x 1.5	62	14	6	2.5	56	3 - M6	8.0
YSR M45 x 1.5	65	14	6	2.5	59	3 - M6	8.0
YSR M48 x 1.5	68	14	6	2.5	62	3 - M6	8.0
YSR M50 x 1.5	70	14	6	2.5	64	3 - M8	18.0
YSR M52 x 1.5	73	16	7	3	66	3 - M8	18.0
YSR M55 x 1.5	75	16	7	3	68	3 - M8	18.0
YSR M55 x 2	75	16	7	3	68	3 - M8	18.0
YSR M56 x 2	77	16	7	3	70	3 - M8	18.0
YSR M60 x 2	80	16	7	3	73	3 - M8	18.0
YSR M64 x 2	85	16	7	3	78	3 - M8	18.0
YSR M65 x 2	85	16	7	3	78	3 - M8	18.0
YSR M68 x 2	92	18	8	3.5	84	3 - M8	18.0
YSR M70 x 2	92	18	8	3.5	84	3 - M8	18.0

YSR Radial Locking

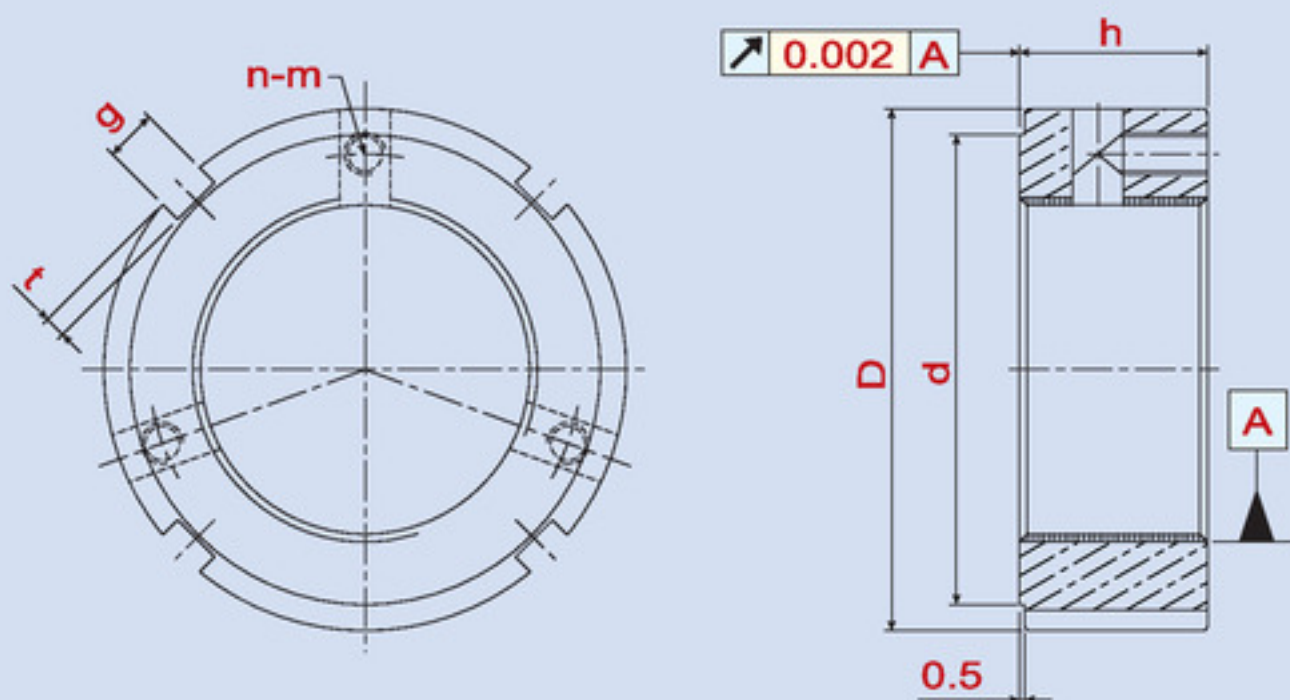
The YSR Series locknuts employ 3-way radial locking. Thickness is comparatively thinner than other products. This series is especially applicable for use when locknut space is limited. Aside from where other products are not usable due to space restrictions.

- Material Composition: SCM440(42CrMo4)
- Hardness: HRC28°~32°
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Grinding
- Run Out
M6~200: 0.002mm
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Turning
- Run Out
M6~200: 0.005mm
M210~300: 0.007mm



YSR

Thread	D	h	g	t	d	n - m	MAX. Nm
YSR M72 x 2	95	18	8	3.5	86	3 - M8	18.0
YSR M75 x 2	98	18	8	3.5	90	3 - M8	18.0
YSR M76 x 2	100	18	8	3.5	92	3 - M8	18.0
YSR M80 x 2	105	18	8	3.5	96	3 - M8	18.0
YSR M85 x 2	110	18	8	3.5	102	3 - M8	18.0
YSR M90 x 2	120	20	10	4	108	3 - M8	18.0
YSR M95 x 2	125	20	10	4	113	3 - M8	18.0
YSR M100 x 2	130	20	10	4	118	3 - M8	18.0
YSR M105 x 2	140	22	12	5	125	3 - M8	18.0
YSR M110 x 2	145	22	12	5	132	3 - M8	18.0
YSR M115 x 2	150	22	12	5	137	3 - M8	18.0
YSR M120 x 2	155	24	12	5	142	3 - M8	18.0
YSR M125 x 2	160	24	12	5	147	3 - M8	18.0
YSR M130 x 2	165	24	12	5	152	3 - M8	18.0
YSR M135 x 2	175	26	14	6	160	3 - M10	35.0
YSR M140 x 2	180	26	14	6	165	3 - M10	35.0
YSR M145 x 2	190	26	14	6	175	3 - M10	35.0
YSR M150 x 2	195	26	14	6	180	3 - M10	35.0
YSR M155 x 3	200	28	16	7	180	3 - M10	35.0
YSR M160 x 3	210	28	16	7	190	3 - M10	35.0
YSR M165 x 3	210	28	16	7	190	3 - M10	35.0
YSR M170 x 3	220	28	16	7	200	3 - M10	35.0
YSR M180 x 3	230	30	18	8	205	3 - M12	60.0
YSR M190 x 3	240	30	18	8	215	3 - M12	60.0
YSR M200 x 3	250	32	18	8	225	3 - M12	60.0
YSR-M210 x 3	260	32	18	8	240	3 - M12	60.0
YSR-M220 x 3	270	32	18	8	250	3 - M12	60.0
YSR-M230 x 3	280	34	20	9	258	3 - M12	60.0
YSR-M240 x 3	290	34	20	9	268	3 - M12	60.0
YSR-M250 x 3	300	34	20	9	278	3 - M12	60.0
YSR-M260 x 4	310	34	22	10	288	3 - M14	100.0
YSR-M270 x 4	320	34	22	10	298	3 - M14	100.0
YSR-M280 x 4	330	34	22	10	308	3 - M14	100.0
YSR-M290 x 4	340	36	24	11	315	3 - M14	100.0
YSR-M300 x 4	350	36	24	11	325	3 - M14	100.0



YSA

Thread	D	h	g	t	d	n - m	MAX. Nm
YSA M14 x 1.5	30	14	4	2	25	2 - M4	3.5
YSA M15 x 1	30	14	4	2	25	2 - M4	3.5
YSA M16 x 1.5	30	14	4	2	25	2 - M4	3.5
YSA M17 x 1	32	16	4	2	27	2 - M4	3.5
YSA M18 x 1.5	32	16	4	2	27	3 - M4	3.5
YSA M20 x 1	38	16	4	2	33	3 - M4	3.5
YSA M20 x 1.5	38	16	4	2	33	3 - M4	3.5
YSA M22 x 1.5	38	16	4	2	33	3 - M4	3.5
YSA M24 x 1.5	38	18	5	2	33	3 - M4	3.5
YSA M25 x 1.5	38	18	5	2	33	3 - M4	3.5
YSA M27 x 1.5	40	18	5	2	35	3 - M4	3.5
YSA M30 x 1.5	45	18	5	2	40	3 - M4	3.5
YSA M33 x 1.5	50	18	5	2	45	3 - M4	3.5
YSA M35 x 1.5	52	18	5	2	47	3 - M6	8.0
YSA M36 x 1.5	52	18	5	2	47	3 - M6	8.0
YSA M39 x 1.5	58	20	6	2.5	52	3 - M6	8.0
YSA M40 x 1.5	58	20	6	2.5	52	3 - M6	8.0
YSA M42 x 1.5	62	20	6	2.5	56	3 - M6	8.0
YSA M45 x 1.5	65	20	6	2.5	59	3 - M6	8.0
YSA M48 x 1.5	70	20	6	2.5	64	3 - M6	8.0
YSA M50 x 1.5	70	20	6	2.5	64	3 - M6	8.0
YSA M52 x 1.5	73	22	7	3	68	3 - M6	8.0
YSA M55 x 1.5	75	22	7	3	68	3 - M6	8.0
YSA M55 x 2	75	22	7	3	68	3 - M6	8.0
YSA M56 x 2	75	22	7	3	68	3 - M6	8.0
YSA M60 x 2	80	22	7	3	73	3 - M6	8.0
YSA M64 x 2	85	22	7	3	78	3 - M6	8.0
YSA M65 x 2	85	22	7	3	78	3 - M6	8.0
YSA M68 x 2	92	24	8	3.5	84	3 - M8	18.0
YSA M70 x 2	92	24	8	3.5	84	3 - M8	18.0
YSA M72 x 2	94	24	8	3.5	86	3 - M8	18.0
YSA M75 x 2	98	24	8	3.5	90	3 - M8	18.0
YSA M76 x 2	98	24	8	3.5	90	3 - M8	18.0

YSA Axial Locking

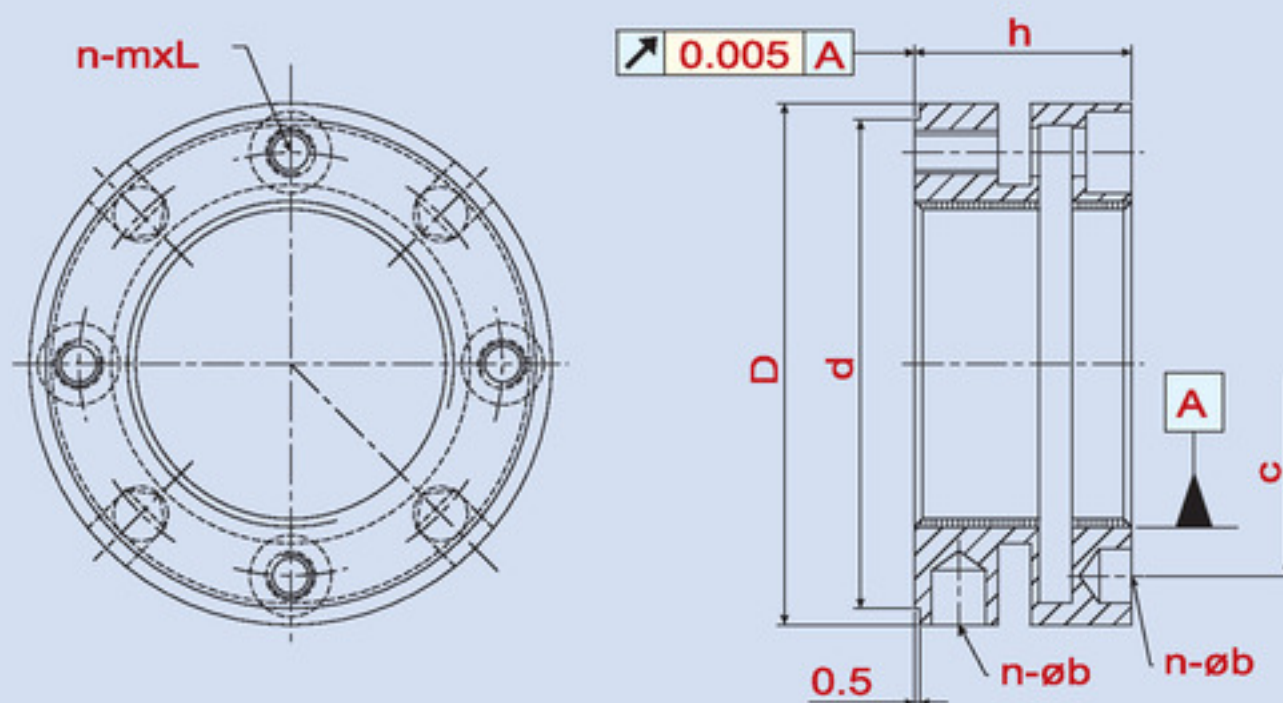
This locknut employs 3 way axial locking with the same thickness as the YSF series. 3 way axial locking is especially applicable to assembly work within special space constraints.

- Material Composition: SCM440(42CrMo4)
- Hardness: HRC28°~32°
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Grinding
- Run Out
M14~200: 0.002mm
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Turning
- Run Out
M14~200: 0.005mm
M210~300: 0.007mm



YSA

Thread	D	h	g	t	d	n - m	MAX. Nm
YSA M80 x 2	105	24	8	3.5	96	3 - M8	18.0
YSA M85 x 2	110	24	8	3.5	102	3 - M8	18.0
YSA M90 x 2	120	26	10	4	108	3 - M8	18.0
YSA M95 x 2	125	26	10	4	113	3 - M8	18.0
YSA M100 x 2	130	26	10	4	118	3 - M8	18.0
YSA M105 x 2	140	28	12	5	125	3 - M8	18.0
YSA M110 x 2	145	28	12	5	132	3 - M8	18.0
YSA M115 x 2	150	28	12	5	137	3 - M8	18.0
YSA M120 x 2	155	30	12	5	142	3 - M8	18.0
YSA M125 x 2	160	30	12	5	147	3 - M8	18.0
YSA M130 x 2	165	30	12	5	152	3 - M8	18.0
YSA M135 x 2	175	32	14	6	160	3 - M10	35.0
YSA M140 x 2	180	32	14	6	165	3 - M10	35.0
YSA M145 x 2	190	32	14	6	175	3 - M10	35.0
YSA M150 x 2	195	32	14	6	180	3 - M10	35.0
YSA M155 x 3	200	34	16	7	180	3 - M10	35.0
YSA M160 x 3	210	34	16	7	190	3 - M10	35.0
YSA M165 x 3	210	34	16	7	190	3 - M10	35.0
YSA M170 x 3	220	34	16	7	200	3 - M10	35.0
YSA M180 x 3	230	36	18	8	205	3 - M12	60.0
YSA M190 x 3	240	36	18	8	215	3 - M12	60.0
YSA M200 x 3	250	38	18	8	225	3 - M12	60.0
YSA-M210 x 3	260	38	18	8	240	3 - M12	60.0
YSA-M220 x 3	270	38	18	8	250	3 - M12	60.0
YSA-M230 x 3	280	40	20	9	258	3 - M12	60.0
YSA-M240 x 3	290	40	20	9	268	3 - M12	60.0
YSA-M250 x 3	300	40	20	9	278	3 - M12	60.0
YSA-M260 x 4	310	40	22	10	288	3 - M14	100.0
YSA-M270 x 4	320	40	22	10	298	3 - M14	100.0
YSA-M280 x 4	330	40	22	10	308	3 - M14	100.0
YSA-M290 x 4	340	42	24	11	315	3 - M14	100.0
YSA-M300 x 4	350	42	24	11	325	3 - M14	100.0



YSK

Thread	D	h	d	n - m x L	n	b	c	MAX. Nm
YSK M16 x 1.5	34	18	29	4 - M4 x 12	4	4	24	3.5
YSK M17 x 1	37	18	32	4 - M4 x 12	4	4	26	3.5
YSK M18 x 1.5	38	18	33	4 - M4 x 12	4	4	28	3.5
YSK M20 x 1	40	18	35	4 - M4 x 12	4	4	30	3.5
YSK M20 x 1.5	40	18	35	4 - M4 x 12	4	4	30	3.5
YSK M22 x 1.5	42	18	37	4 - M4 x 12	4	4	32	3.5
YSK M24 x 1.5	44	18	39	4 - M4 x 12	4	4	34	3.5
YSK M25 x 1.5	45	20	40	4 - M4 x 14	4	5	35	3.5
YSK M26 x 1.5	45	20	40	4 - M4 x 14	4	5	35	3.5
YSK M28 x 1.5	46	20	43	4 - M4 x 14	4	5	37	3.5
YSK M30 x 1.5	48	20	45	4 - M4 x 14	4	5	39	3.5
YSK M32 x 1.5	50	22	47	4 - M4 x 16	4	5	41	3.5
YSK M35 x 1.5	53	22	50	4 - M4 x 16	4	5	44	3.5
YSK M38 x 1.5	56	22	53	4 - M4 x 16	4	5	47	3.5
YSK M40 x 1.5	58	22	55	4 - M4 x 16	4	5	49	3.5
YSK M42 x 1.5	60	22	55	4 - M4 x 16	4	5	51	3.5
YSK M45 x 1.5	68	22	63	6 - M4 x 18	6	6	57	3.5
YSK M48 x 1.5	69	25	65	6 - M4 x 18	6	6	58	3.5
YSK M50 x 1.5	70	25	66	6 - M4 x 18	6	6	60	3.5
YSK M52 x 1.5	72	25	68	6 - M4 x 18	6	6	62	3.5
YSK M55 x 1.5	75	25	71	6 - M4 x 18	6	6	65	3.5
YSK M55 x 2	75	25	71	6 - M4 x 18	6	6	65	3.5
YSK M58 x 1.5	82	26	77	6 - M5 x 20	6	6	70	4.5
YSK M60 x 1.5	84	26	79	6 - M5 x 20	6	6	72	4.5
YSK M60 x 2	84	26	79	6 - M5 x 20	6	6	72	4.5
YSK M62 x 1.5	86	28	82	6 - M5 x 20	6	6	75	4.5
YSK M65 x 1.5	88	28	84	6 - M5 x 20	6	6	77	4.5
YSK M65 x 2	88	28	84	6 - M5 x 20	6	6	77	4.5
YSK M68 x 1.5	93	28	87	6 - M5 x 20	6	7	80	4.5
YSK M70 x 1.5	95	28	89	6 - M5 x 20	6	7	82	4.5
YSK M70 x 2	95	28	89	6 - M5 x 20	6	7	82	4.5

YSK Clasp Locking

The YSK Series locknuts utilize the elasticity of the steel body itself, axial locking, and forced locking. With locking capabilities more than three times higher compared to traditional locknuts, this series is aimed at harsh working conditions where locknuts are easily loosened.

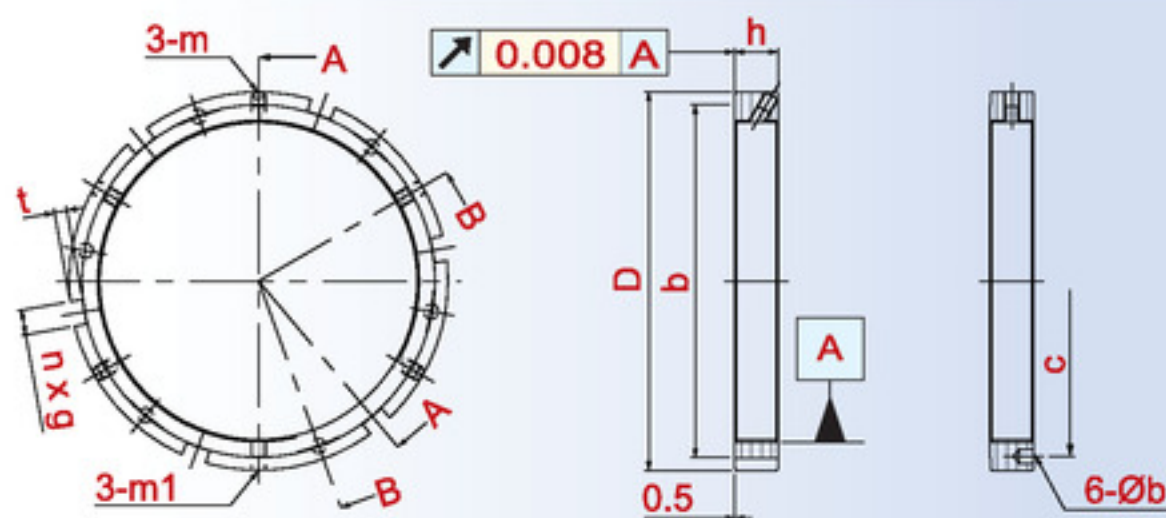
- Material Composition: SCM440(42CrMo4)
- Hardness: HRC28°~32°
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Turning
- Run Out
M16~200: 0.005mm
M210~300: 0.007mm



YSK

Thread	D	h	d	n - m x L	n	b	c	MAX. Nm
YSK M72 x 1.5	97	28	91	6 - M5 x 20	6	7	84	4.5
YSK M75 x 1.5	100	28	94	6 - M5 x 20	6	7	87	4.5
YSK M75 x 2	100	28	94	6 - M5 x 20	6	7	87	4.5
YSK M80 x 2	110	32	103	6 - M6 x 22	6	8	95	8.0
YSK M85 x 2	115	32	108	6 - M6 x 22	6	8	100	8.0
YSK M90 x 2	120	32	113	6 - M6 x 22	6	8	105	8.0
YSK M95 x 2	125	32	118	6 - M6 x 22	6	8	110	8.0
YSK M100 x 2	130	32	123	6 - M6 x 22	6	8	115	8.0
YSK M105 x 2	135	32	128	6 - M6 x 22	6	8	120	8.0
YSK M110 x 2	140	32	133	6 - M6 x 22	6	8	125	8.0
YSK M115 x 2	145	34	137	6 - M6 x 22	6	8	130	8.0
YSK M120 x 2	155	36	146	6 - M6 x 25	6	8	136	8.0
YSK M125 x 2	160	36	150	6 - M6 x 25	6	8	140	8.0
YSK M130 x 2	165	36	155	6 - M6 x 25	6	8	148	8.0
YSK M140 x 2	180	38	168	8 - M6 x 25	8	10	160	8.0
YSK M150 x 2	190	38	178	8 - M6 x 25	8	10	170	8.0
YSK M160 x 3	205	40	190	8 - M8 x 30	8	10	178	18.0
YSK M170 x 3	215	40	200	8 - M8 x 30	8	10	193	18.0
YSK M180 x 3	230	40	213	8 - M8 x 30	8	10	205	18.0
YSK M190 x 3	240	40	223	8 - M8 x 30	8	10	215	18.0
YSK M200 x 3	245	40	230	8 - M8 x 30	8	10	223	18.0
YSK-M210 x 3	255	42	240	8 - M8 x 30	8	10	232	18.0
YSK-M220 x 3	260	42	250	8 - M8 x 30	8	10	240	18.0
YSK-M230 x 3	270	42	260	8 - M8 x 30	8	10	250	18.0
YSK-M240 x 3	280	42	270	8 - M8 x 30	8	10	260	18.0
YSK-M250 x 3	290	42	280	8 - M8 x 30	8	10	270	18.0
YSK-M260 x 4	300	43	290	8 - M10 x 30	8	12	280	35.0
YSK-M270 x 4	310	43	300	8 - M10 x 30	8	12	290	35.0
YSK-M280 x 4	320	43	310	8 - M10 x 30	8	12	300	35.0
YSK-M290 x 4	330	43	320	8 - M10 x 30	8	12	310	35.0
YSK-M300 x 4	340	43	330	8 - M10 x 30	8	12	320	35.0

Precision Locknuts for Bearings of Ballscrews, Spindles . . .



The YSFR type locking nut is equipped with three flank fixing thread screws and three radial locking screws. This is especially suitable for customers' requirements for large shaft size locking nut tightening methods and excellent locking torque.

- Material Composition: SCM440(42CrMo4)
- Hardness: HRC28°~32°
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Turning
- Run Out: 0.008mm

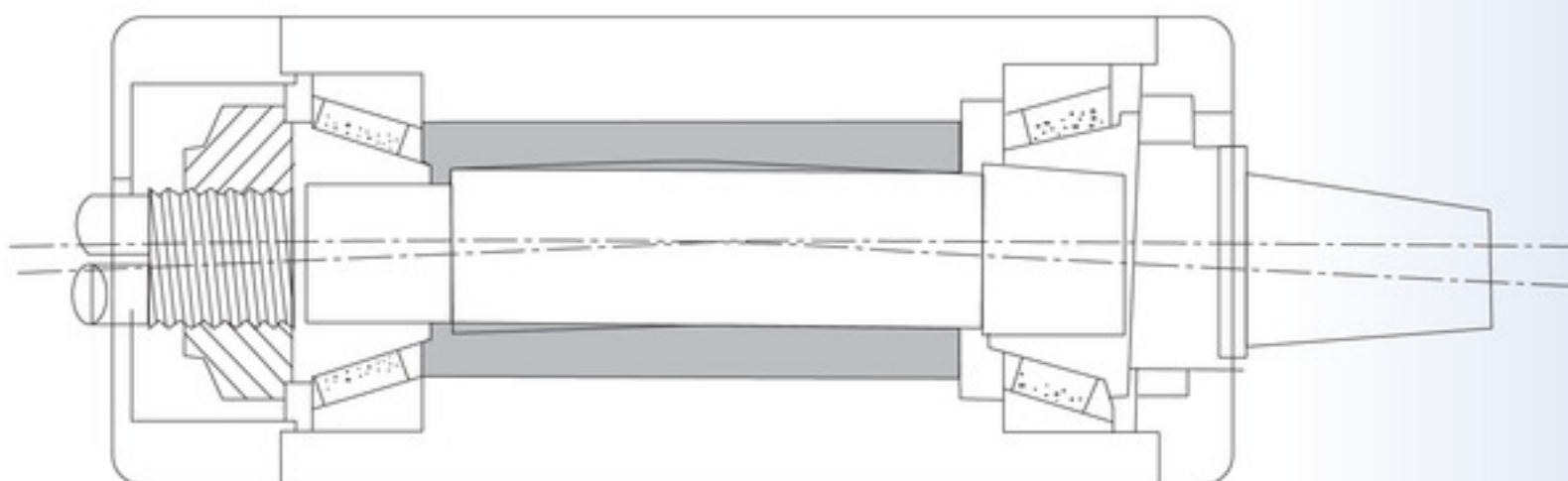
YSFR[illegible]

Thread	Axial Load Static kN	Loosening Torque Nm			
		YSF	YSR	YSA	YSK
M8	30	-	17.6	-	-
M10	35	-	18.1	-	-
M12	40	-	19.1	-	-
M15	60	-	20.6	-	-
M17	80	27.5	21.6	24.5	90.0
M20	90	28.9	24.0	26.0	99.0
M25	130	30.4	26.5	27.5	101.0
M30	160	32.4	28.4	29.4	102.0
M35	190	39.2	34.3	37.3	109.8
M40	210	46.1	36.3	42.2	110.8
M45	240	61.8	56.9	58.8	127.5
M50	300	70.6	63.7	65.7	137.3
M55	340	88.2	68.6	73.5	166.7
M60	380	98.0	96.1	81.4	205.9
M65	460	127.5	112.7	88.2	254.9
M70	490	147.1	137.3	96.1	313.7
M75	520	152.0	145.1	102.9	382.4
M80	620	156.9	149.0	112.7	460.8
M85	650	176.5	168.6	127.5	549.0
M90	680	186.3	178.4	137.3	656.9
M95	710	201.0	193.1	152.0	745.1
M100	740	220.6	210.8	171.6	833.3
M105	770	236.3	215.7	186.3	957.2
M110	800	252.0	230.4	205.9	1127.5
M115	830	268.1	250.0	220.6	1242.3
M120	860	279.4	264.7	235.3	1323.5
M125	890	289.2	274.5	250.0	1389.4
M130	920	313.7	294.1	264.7	1421.5
M135	950	352.9	328.4	303.9	1576.0
M140	980	392.2	372.5	323.5	1610.3
M145	1010	436.3	402.0	352.9	1680.4
M150	1040	480.4	421.6	392.2	1710.0
M155	1070	519.6	460.8	421.6	1850.2
M160	1100	563.7	509.8	460.8	1931.1
M165	1130	598.0	529.4	495.1	1989.2
M170	1160	647.1	558.8	519.6	2052.0
M180	1220	686.3	558.2	558.8	2214.1
M190	1280	735.3	627.5	598.0	2596.4
M200	1340	794.1	666.7	637.3	2731.2

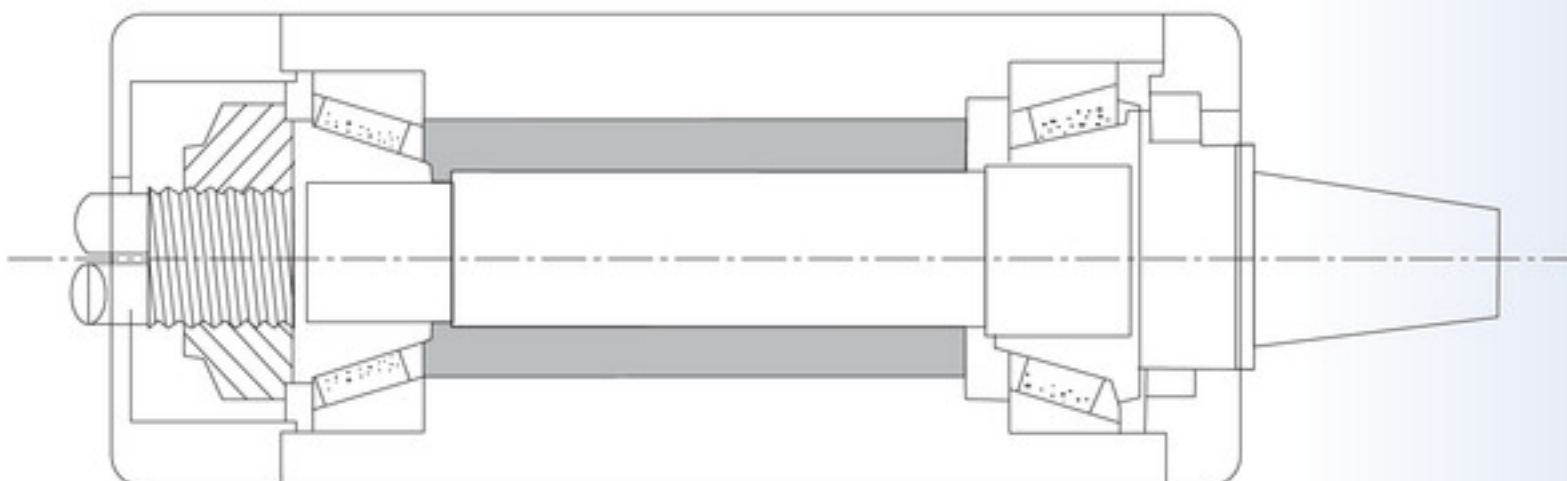
The mounting of a ballscrew bearing or thrust bearing (usually because of the traditional locknut's thread precision or ground end squareness) is often so big that it can cause problems that affect the precision of the machine itself, the life of the machine, and mounting. Our company produces a series of precision locknuts, and these products are especially manufactured according to the machine design requirements of your company.

We have developed a series of precision nut products with inner-hole threads and ground ends that can be finely ground at the same time.

Diagram of Locknuts in Use



Without YINSH Precision Locknut



With YINSH Precision Locknut

Why Use The Precision Locknuts

The important accuracy requirements of a locknut bearing and the V-thread on a ballscrew or spindle are the fitness between the two and the squareness of the end where the locknut attaches the bearing. These factors directly affect the life, reliability, and quality of the bearings and the ballscrews/spindles; this, of course, also affects the image and quality of your products. The YINSH Precision Locknuts are specially manufactured to meet your requirements.

How To Use the Precision Locknuts

- Ascertain the tolerance between the axle V-thread and the Precision Locknut.
- Clean up the V-thread and the Locknut (don't remove the fastening screws).
- Assemble and fasten the locknut with suitable tools and a torque wrench to achieve the required load. (Never force it just on a single point.)
- According to proper twisting force, tighten the anti-loosen screw.
- Clean each locknut before using

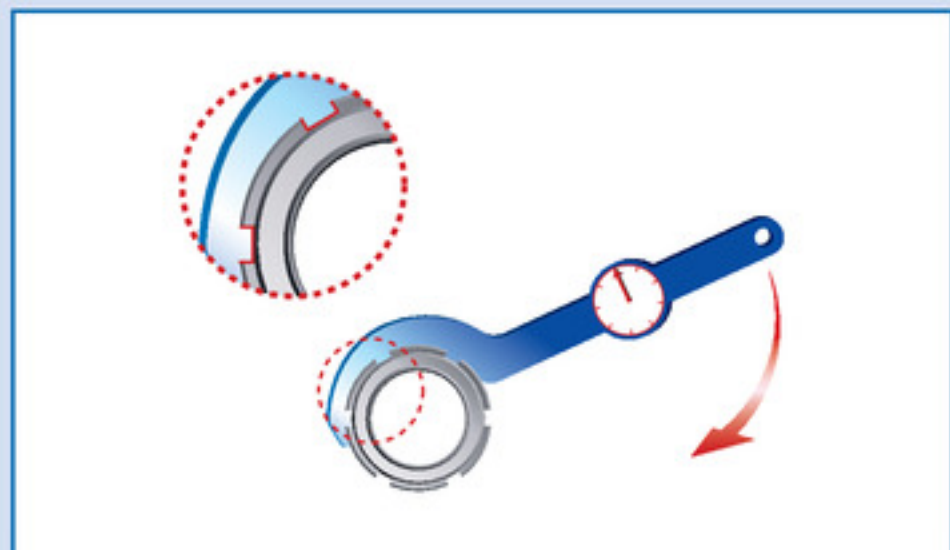
Notes on Installation



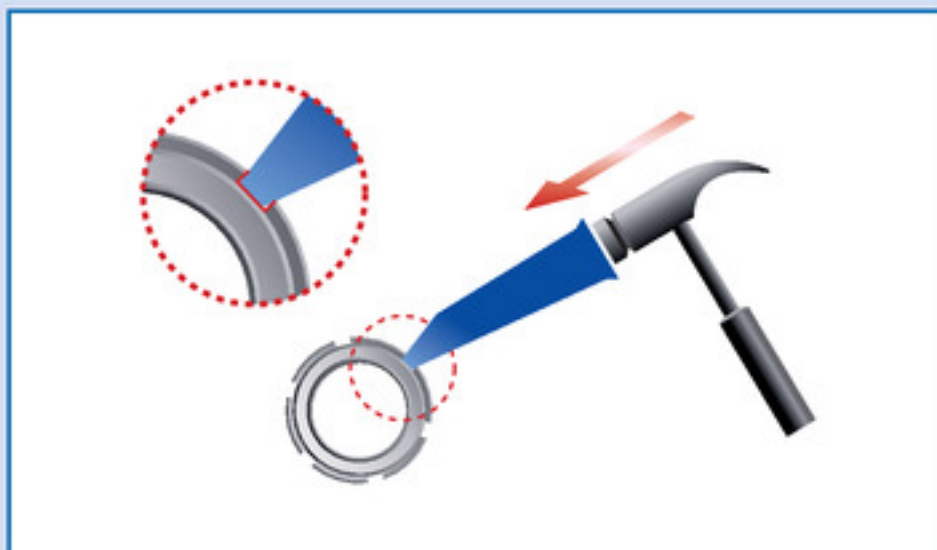
- ✓ Clean the locknut with naphtha or appropriate industrial degreaser before installation.



- ✓ Apply a small drop of lubricant to inner threads.



- ✓ Use appropriate tools or spanner to set the correct preload.



- ✗ Avoid applying direct pressure to any single point.



Scan Now!

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**PRECISION
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OF OUTSTANDING QUALITY



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THE 11TH
RISING STAR AWARD



THE 10TH
NATIONAL BRAND
YUSHAN AWARD



TAIWAN
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ISO9001
ISO14001
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