

YSF

Locknut



Material	Manufacturing Method	Thread Accuracy	Run Out
SCM440(42CrMo4) Tempered	Precision Grinding	ISO 4H	M14~200 : 0.002mm

Hardness	Manufacturing Method	Thread Accuracy	Run Out
HRC 28° ~ 32°	Precision Turning	ISO 4H	M14~200 : 0.005mm M210~300 : 0.007mm

Features

30° Thread Angle Design

The 30° thread angle design effectively prevents any loosening.

3 Point Locking

Using a 3 point locking mechanism provides a more secure fastening effect.

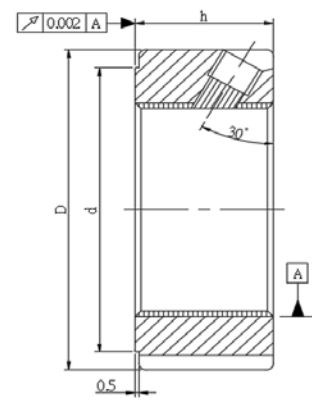
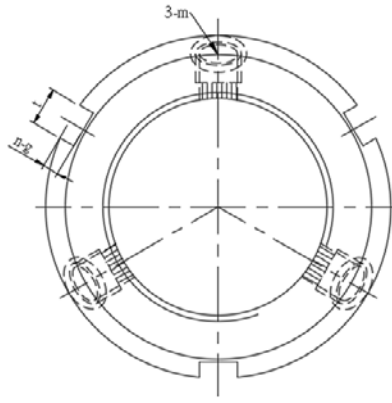
Excellent Locking Design

The excellent locking design allows the brass threads to fully match the external threads.

Reduce Torque Issues

The 30° angle design helps reduce torque issues caused by loose screws, improving safety and stability.

YSF Specifications



Thread	D	h	d	n-t x g	m	MAX Nm
YSF M14x1.5	30	14	25	3-4x2	M5	4.5
YSF M15x1	30	14	25	3-4x2	M5	4.5
YSF M16x1.5	30	14	25	3-4x2	M5	4.5
YSF M17x1	32	16	27	3-4x2	M5	4.5
YSF M18x1.5	32	16	27	3-4x2	M5	4.5
YSF M20x1	38	16	33	3-4x2	M6	4.5
YSF M20x1.5	38	16	33	3-4x2	M6	8
YSF M22x1.5	38	16	33	3-4x2	M6	8
YSF M24x1.5	38	18	33	3-5x2	M6	8
YSF M25x1.5	38	18	33	3-5x2	M6	8
YSF M27x1.5	40	18	35	3-5x2	M6	8
YSF M30x1.5	45	18	40	3-5x2	M6	8
YSF M33x1.5	50	18	45	3-5x2	M6	8
YSF M35x1.5	52	18	47	3-5x2	M8	18
YSF M36x1.5	52	18	47	3-5x2	M8	18
YSF M39x1.5	58	20	52	3-6x2.5	M8	18
YSF M40x1.5	58	20	52	3-6x2.5	M8	18
YSF M42x1.5	62	20	56	3-6x2.5	M8	18
YSF M45x1.5	65	20	59	3-6x2.5	M8	18
YSF M48x1.5	70	20	64	3-6x2.5	M8	18
YSF M50x1.5	70	20	64	3-6x2.5	M8	18
YSF M52x1.5	73	22	66	3-7x3	M8	18
YSF M55x1.5	75	22	68	3-7x3	M8	18
YSF M55x2	75	22	68	3-7x3	M8	18
YSF M56x2	75	22	68	3-7x3	M8	18
YSF M60x2	80	22	73	3-7x3	M8	18
YSF M64x2	85	22	78	3-7x3	M8	18
YSF M65x2	85	22	78	3-7x3	M8	18
YSF M68x2	92	24	84	3-8x3.5	M8	18
YSF M70x2	92	24	84	3-8x3.5	M8	18
YSF M72x2	94	24	86	3-8x3.5	M8	18
YSF M75x2	98	24	90	3-8x3.5	M8	18
YSF M76x2	98	24	90	3-8x3.5	M8	18

Thread	D	h	d	n-t x g	m	MAX Nm
YSF M80x2	105	24	96	3-8x3.5	M8	18
YSF M85x2	110	24	102	6-8x3.5	M8	18
YSF M90x2	120	26	108	6-10x4	M8	18
YSF M95x2	125	26	113	6-10x4	M8	18
YSF M100x2	130	26	118	6-10x4	M8	18
YSF M105x2	140	28	125	6-10x4	M10	35
YSF M110x2	145	28	132	6-10x4	M10	35
YSF M115x2	150	28	137	6-10x4	M10	35
YSF M120x2	155	30	142	6-12x5	M10	35
YSF M125x2	160	30	147	6-12x5	M10	35
YSF M130x2	165	30	152	6-12x5	M10	35
YSF M135x2	175	32	160	6-12x5	M10	35
YSF M140x2	180	32	165	6-12x5	M10	35
YSF M145x2	190	32	175	6-12x5	M10	35
YSF M150x2	195	32	180	6-12x5	M10	35
YSF M155x3	200	34	180	6-14x6	M10	35
YSF M160x3	210	34	190	6-14x6	M10	35
YSF M165x3	210	34	190	6-14x6	M10	35
YSF M170x3	220	34	200	6-14x6	M10	35
YSF M180x3	230	36	205	6-16x7	M12	60
YSF M190x3	240	36	215	6-16x7	M12	60
YSF M200x3	250	38	225	6-16x7	M12	60
YSF M210x3	260	38	245	6-16x7	M12	60
YSF M220x3	270	38	255	6-16x7	M12	60
YSF M230x3	280	40	258	6-16x9	M12	60
YSF M240x3	290	40	268	6-16x9	M12	60
YSF M250x3	300	40	278	6-16x9	M12	60
YSF M260x4	310	40	288	6-20x10	M14	100
YSF M270x4	320	40	298	6-20x10	M14	100
YSF M280x4	330	40	308	6-20x10	M14	100
YSF M290x4	340	42	315	6-22x11	M14	100
YSF M300x4	350	42	325	6-22x11	M14	100

YSR

Locknut



Material	Manufacturing Method	Thread Accuracy	Run Out
SCM440(42CrMo4) Tempered	Precision Grinding	ISO 4H	M6~200 : 0.002mm

Hardness	Manufacturing Method	Thread Accuracy	Run Out
HRC28° ~32°	Precision Turning	ISO 4H	M6~200 : 0.005mm M210~300 : 0.007mm

Features

3-way Radial Locking

Utilizes a radial three-point locking mechanism to ensure a secure locking effect

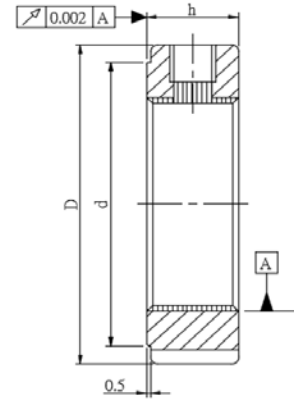
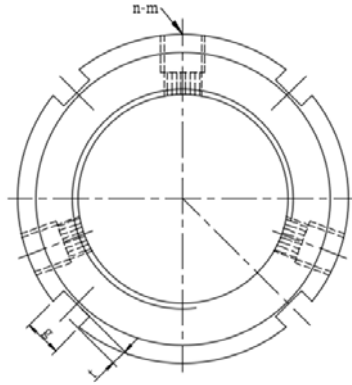
Suitable for situations where locknut space is limited

Especially suitable for applications where the locknut space is limited, making it impossible to use other thicker products

Thin Design

This product is thinner than others, making it suitable for when installation space is limited.

YSR Specifications



Thread	D	h	g	t	d	n - m	MAX Nm
YSR M6x0.5	16	8	3	2	11	2-M4	2.2
YSR M8x0.75	16	8	3	2	11	2-M4	2.2
YSR M10x0.75	18	8	3	2	13	2-M4	2.2
YSR M10x1	18	8	3	2	13	2-M4	2.2
YSR M12x1	20	8	3	2	15	2-M4	2.2
YSR M12x1.25	20	8	3	2	15	2-M4	2.2
YSR M14x1.5	25	8	3	2	20	2-M4	2.2
YSR M15x1	25	8	3	2	20	2-M4	2.2
YSR M16x1.5	28	10	4	2	23	2-M5	4.5
YSR M17x1	28	10	4	2	23	2-M5	4.5
YSR M18x1.5	30	10	4	2	25	2-M5	4.5
YSR M20x1	32	10	4	2	27	3-M5	4.5
YSR M20x1.5	32	10	4	2	27	3-M5	4.5
YSR M22x1.5	35	10	4	2	30	3-M5	4.5
YSR M24x1.5	38	12	5	2	33	3-M6	8
YSR M25x1.5	38	12	5	2	33	3-M6	8
YSR M27x1.5	42	12	5	2	37	3-M6	8
YSR M30x1.5	45	12	5	2	40	3-M6	8
YSR M33x1.5	52	12	5	2	45	3-M6	8
YSR M35x1.5	52	12	5	2	47	3-M6	8
YSR M36x1.5	55	14	6	2.5	49	3-M6	8
YSR M39x1.5	58	14	6	2.5	52	3-M6	8
YSR M40x1.5	58	14	6	2.5	52	3-M6	8
YSR M42x1.5	62	14	6	2.5	56	3-M6	8
YSR M45x1.5	65	14	6	2.5	59	3-M6	8
YSR M48x1.5	68	14	6	2.5	62	3-M6	8
YSR M50x1.5	70	14	6	2.5	64	3-M8	18
YSR M52x1.5	73	16	7	3	66	3-M8	18
YSR M55x1.5	75	16	7	3	68	3-M8	18
YSR M55x2	75	16	7	3	68	3-M8	18
YSR M56x2	77	16	7	3	70	3-M8	18
YSR M60x2	80	16	7	3	73	3-M8	18
YSR M64x2	85	16	7	3	78	3-M8	18
YSR M65x2	85	16	7	3	78	3-M8	18
YSR M68x2	92	18	8	3.5	84	3-M8	18
YSR M70x2	92	18	8	3.5	84	3-M8	18

Thread	D	h	g	t	d	n - m	MAX Nm
YSR M72x2	95	18	8	3.5	86	3-M8	18
YSR M75x2	98	18	8	3.5	90	3-M8	18
YSR M76x2	100	18	8	3.5	92	3-M8	18
YSR M80x2	105	18	8	3.5	96	3-M8	18
YSR M85x2	110	18	8	3.5	102	3-M8	18
YSR M90x2	120	20	10	4	108	3-M8	18
YSR M95x2	125	20	10	4	113	3-M8	18
YSR M100x2	130	20	10	4	118	3-M8	18
YSR M105x2	140	22	12	5	125	3-M8	18
YSR M110x2	145	22	12	5	132	3-M8	18
YSR M115x2	150	22	12	5	137	3-M8	18
YSR M120x2	155	24	12	5	142	3-M8	18
YSR M125x2	160	24	12	5	147	3-M8	18
YSR M130x2	165	24	12	5	152	3-M8	18
YSR M135x2	175	26	14	6	160	3-M10	35
YSR M140x2	180	26	14	6	165	3-M10	35
YSR M145x2	190	26	14	6	175	3-M10	35
YSR M150x2	195	26	14	6	180	3-M10	35
YSR M155x3	200	28	16	7	180	3-M10	35
YSR M160x3	210	28	16	7	190	3-M10	35
YSR M165x3	210	28	16	7	190	3-M10	35
YSR M170x3	220	28	16	7	200	3-M10	35
YSR M180x3	230	30	18	8	205	3-M12	60
YSR M190x3	240	30	18	8	215	3-M12	60
YSR M200x3	250	32	18	8	225	3-M12	60
YSR M210x3	260	32	18	8	240	3-M12	60
YSR M220x3	270	32	18	8	250	3-M12	60
YSR M230x3	280	34	20	9	258	3-M12	60
YSR M240x3	290	34	20	9	268	3-M12	60
YSR M250x3	300	34	20	9	278	3-M12	60
YSR M260x4	310	34	22	10	288	3-M14	100
YSR M270x4	320	34	22	10	298	3-M14	100
YSR M280x4	330	34	22	10	308	3-M14	100
YSR M290x4	340	36	24	11	315	3-M14	100
YSR M300x4	350	36	24	11	325	3-M14	100

YSRN

Locknut



Material	Hardness	Manufacturing Method	Thread Accuracy	Run Out
S45C(C45E4) Tempered	HRC 26° ~ 28°	Precision Turning	ISO 4H	M5~40 : 0.005mm

Features

Square Shape Design

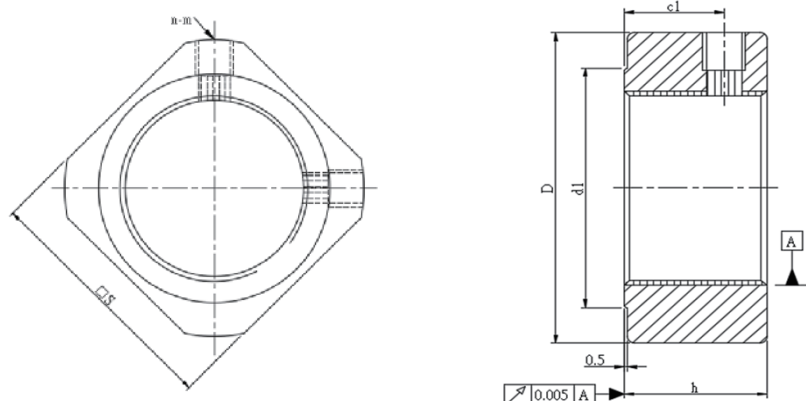
The YSRN nut is designed with a square appearance, which may provide better grip and fastening.

2 Point Locking Screws in a 90° Position

The nut is fixed at a 90° angle using two locking screws, making it suitable for bearing seat support.

Internal threads and end surfaces are machined simultaneously

Internal threads and end surfaces are machined simultaneously to ensure high accuracy.



Thread	D	h	d1	n-m	c1	S	MAX Nm
YSRN M5x0.5P	12.5	5	8	2-M3	2.7	11	0.9
YSRN M6x0.75P	13.5	5	9	2-M3	2.7	12	0.9
YSRN M8x1.0P	16	6.5	11	2-M3	4	14	0.9
YSRN-M10x1.0P	19	8	13	2-M3	5.5	16	0.9
YSRN M12x1.0P	22	8	16	2-M4	5.5	19	2.2
YSRN M15x1.0P	25	8	19	2-M4	4.75	22	2.2
YSRN M17x1.0P	29	13	21	2-M4	9	24	2.2
YSRN M20x1.0P	35	11	27	2-M4	7	30	8.0
YSRN M25x1.5P	43	15	32	2-M6	10	35	8.0
YSRN M30x1.5P	48	20	37	2-M6	14	40	8.0
YSRN M35x1.5P	60	21	47	2-M6	14	50	8.0
YSRN M40x1.5P	62	25	47	2-M6	18	50	8.0