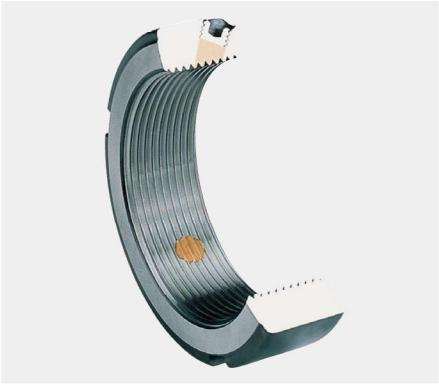
Product Specification Lock Nuts



The GFG 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.

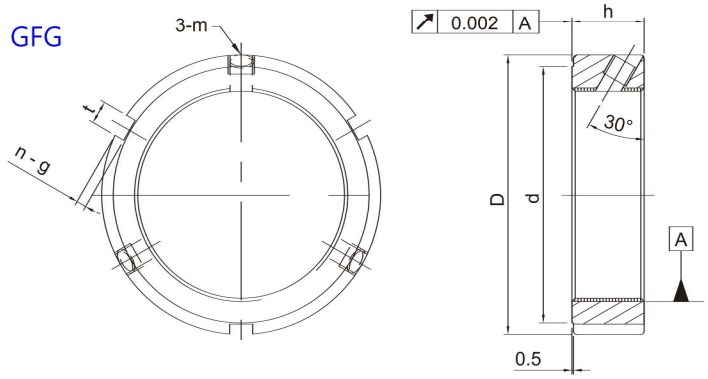
- Material Composition: SCM440(42CrMo4)
- Hardness: HRC28°~32°
- Thread Accuracy: ISO 4H
- Manufacturing Method:High Precision Grinding
- Run Out：M14 ~ 200 : 0.002mm

Specification Description

Thread	D	h	d	n x g / t	m	MAX. Nm
GFG M14 x 1.5	30	14	25	3-4 x 2	M5	4.5
GFG M15 x 1.0	30	14	25	3-4 x 2	M5	4.5
GFG M16 x 1.5	30	14	25	3-4 x 2	M5	4.5
GFG M17 x 1.0	32	16	27	3-4 x 2	M5	4.5
GFG M18 x 1.5	32	16	27	3-4 x 2	M5	4.5
GFG M20 x 1.0	38	16	33	3-4 x 2	M6	4.5
GFG M20 x 1.5	38	16	33	3-4 x 2	M6	8.0
GFG M22 x 1.5	38	16	33	3-4 x 2	M6	8.0
GFG M24 x 1.5	38	18	33	3-5 x 2	M6	8.0
GFG M25 x 1.5	38	18	33	3-5 x 2	M6	8.0
GFG M27 x 1.5	40	18	35	3-5 x 2	M6	8.0
GFG M30 x 1.5	45	18	40	3-5 x 2	M6	8.0
GFG M33 x 1.5	50	18	45	3-5 x 2	M6	8.0
GFG M35 x 1.5	52	18	47	3-5 x 2	M8	18.0
GFG M36 x 1.5	52	18	47	3-5 x 2	M8	18.0
GFG M39 x 1.5	58	20	52	3-6 x 2.5	M8	18.0
GFG M40 x 1.5	58	20	52	3-6 x 2.5	M8	18.0
GFG M42 x 1.5	62	20	56	3-6 x 2.5	M8	18.0
GFG M45 x 1.5	65	20	59	3-6 x 2.5	M8	18.0
GFG M48 x 1.5	70	20	64	3-6 x 2.5	M8	18.0
GFG M50 x 1.5	70	20	64	3-6 x 2.5	M8	18.0
GFG M52 x 1.5	73	22	68	3-7 x 3	M8	18.0
GFG M55 x 1.5	75	22	68	3-7 x 3	M8	18.0
GFG M55 x 2.0	75	22	68	3-7 x 3	M8	18.0
GFG M56 x 2.0	75	22	68	3-7 x 3	M8	18.0
GFG M60 x 2.0	80	22	73	3-7 x 3	M8	18.0
GFG M64 x 2.0	85	22	78	3-7 x 3	M8	18.0
GFG M65 x 2.0	85	22	78	3-7 x 3	M8	18.0
GFG M68 x 2.0	92	24	84	3-8 x 3.5	M8	18.0
GFG M70 x 2.0	92	24	84	3-8 x 3.5	M8	18.0
GFG M72 x 2.0	94	24	86	3-8 x 3.5	M8	18.0
GFG M75 x 2.0	98	24	90	3-8 x 3.5	M8	18.0
GFG M76 x 2.0	98	24	90	3-8 x 3.5	M8	18.0

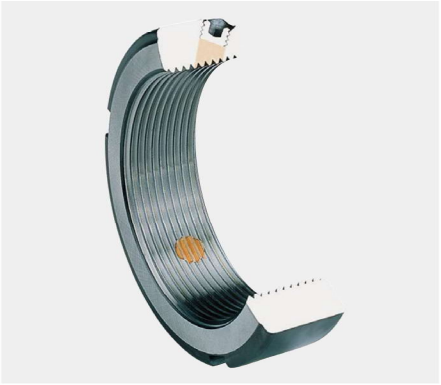
Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft

Linear Motion Component ▶ Precision Grinding Lock Nuts-30° Locking
GFG



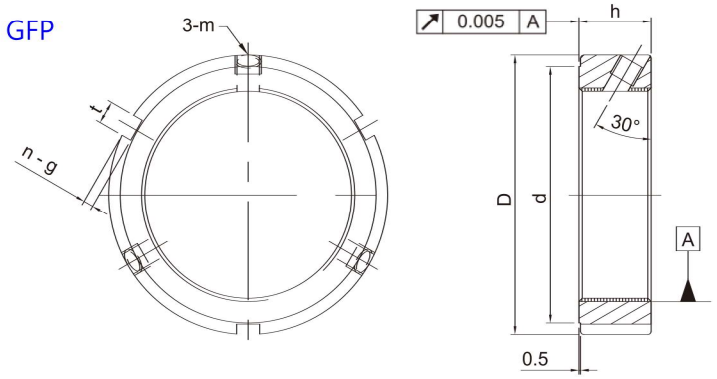
Thread	D	h	d	n x g / t	m	MAX. Nm
GFG M80 x 2	105	24	96	3-8 x 3.5	M8	18.0
GFG M85 x 2	110	24	102	6-8 x 3.5	M8	18.0
GFG M90 x 2	120	26	108	6-10 x 4	M8	18.0
GFG M95 x 2	125	26	113	6-10 x 4	M8	18.0
GFG M100 x 2	130	26	118	6-10 x 4	M8	18.0
GFG M105 x 2	140	28	125	6-10 x 4	M10	35.0
GFG M110 x 2	145	28	132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

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft



The GFP 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 Turning
- Run Out：M14~200: 0.005mm
- Run Out：M210~300: 0.007mm



Specification Description

Thread	D	h	d	n x g / t	m	MAX. Nm
GFP M14 x 1.5	30	14	25	3-4 x 2	M5	4.5
GFP M15 x 1.0	30	14	25	3-4 x 2	M5	4.5
GFP M16 x 1.5	30	14	25	3-4 x 2	M5	4.5
GFP M17 x 1.0	32	16	27	3-4 x 2	M5	4.5
GFP M18 x 1.5	32	16	27	3-4 x 2	M5	4.5
GFP M20 x 1.0	38	16	33	3-4 x 2	M6	4.5
GFP M20 x 1.5	38	16	33	3-4 x 2	M6	8.0
GFP M22 x 1.5	38	16	33	3-4 x 2	M6	8.0
GFP M24 x 1.5	38	18	33	3-5 x 2	M6	8.0
GFP M25 x 1.5	38	18	33	3-5 x 2	M6	8.0
GFP M27 x 1.5	40	18	35	3-5 x 2	M6	8.0
GFP M30 x 1.5	45	18	40	3-5 x 2	M6	8.0
GFP M33 x 1.5	50	18	45	3-5 x 2	M6	8.0
GFP M35 x 1.5	52	18	47	3-5 x 2	M8	18.0
GFP M36 x 1.5	52	18	47	3-5 x 2	M8	18.0
GFP M39 x 1.5	58	20	52	3-6 x 2.5	M8	18.0
GFP M40 x 1.5	58	20	52	3-6 x 2.5	M8	18.0
GFP M42 x 1.5	62	20	56	3-6 x 2.5	M8	18.0
GFP M45 x 1.5	65	20	59	3-6 x 2.5	M8	18.0
GFP M48 x 1.5	70	20	64	3-6 x 2.5	M8	18.0
GFP M50 x 1.5	70	20	64	3-6 x 2.5	M8	18.0
GFP M52 x 1.5	73	22	68	3-7 x 3	M8	18.0
GFP M55 x 1.5	75	22	68	3-7 x 3	M8	18.0
GFP M55 x 2.0	75	22	68	3-7 x 3	M8	18.0
GFP M56 x 2.0	75	22	68	3-7 x 3	M8	18.0
GFP M60 x 2.0	80	22	73	3-7 x 3	M8	18.0
GFP M64 x 2.0	85	22	78	3-7 x 3	M8	18.0
GFP M65 x 2.0	85	22	78	3-7 x 3	M8	18.0
GFP M68 x 2.0	92	24	84	3-8 x 3.5	M8	18.0
GFP M70 x 2.0	92	24	84	3-8 x 3.5	M8	18.0
GFP M72 x 2.0	94	24	86	3-8 x 3.5	M8	18.0
GFP M75 x 2.0	98	24	90	3-8 x 3.5	M8	18.0
GFP M76 x 2.0	98	24	90	3-8 x 3.5	M8	18.0

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft

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

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft

The GRG 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.

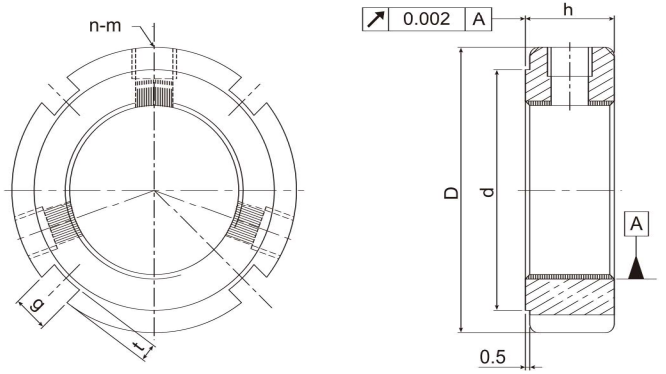
- Material Composition: SCM440(42CrMo4)
- Hardness: HRC28°~32°
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Grinding
- Run Out：M6~200: 0.002mm

Specification Description

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

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft

Linear Motion Component ▶ Precision Grinding Lock Nuts-Radial Locking
GRG



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

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft

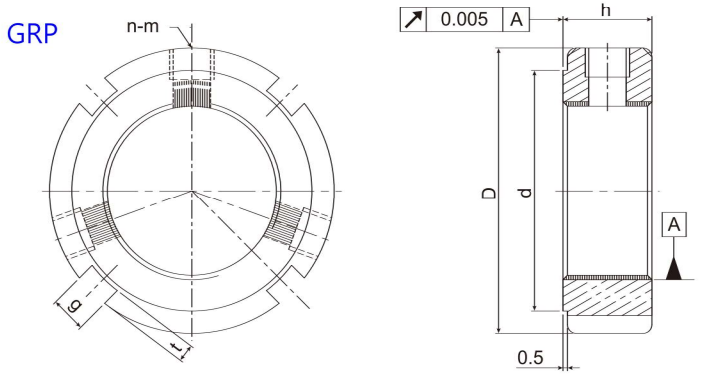
The GRP Series locknuts employ 3-way radial locking. Thickness is comparatively thinner than other products. This series is especially applicable for use when locknut space is limited. Aside from where other products are not usable due to space restrictions.

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

Specification Description

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

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft



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

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft

The GKP 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.

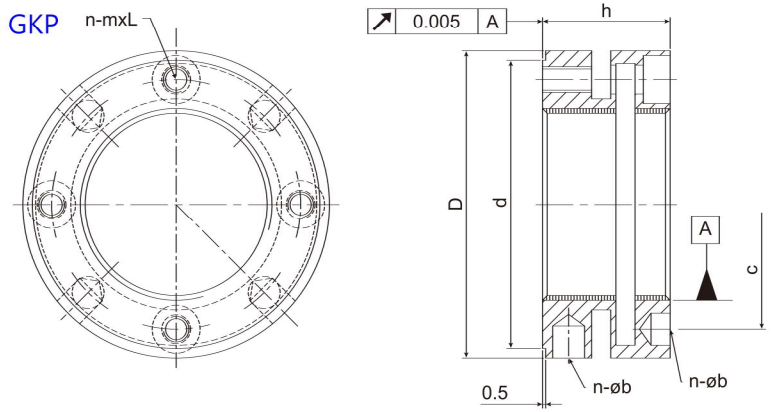
- Material Composition: SCM440(42CrMo4)
- Hardness: HRC28°~32°
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Turning
- Run Out: M16~200: 0.005mm
- Run Out: M210~300: 0.007mm

Specification Description

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

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft

Linear Motion Component ▶ Precision Turning Lock Nuts-Clasp Locking
GKP
GMT GLOBAL INC.
Product Specification

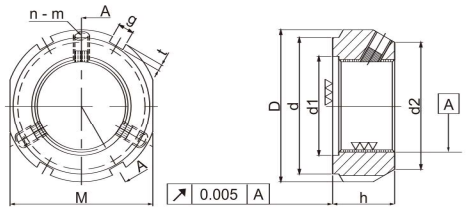


Thread	D	h	d	n - m x L	n	b	c	MAX. Nm
GKP M72 x 1.5	97	28	91	6 - M5 x 20	6	7	84	4.5
GKP M75 x 1.5	100	28	94	6 - M5 x 20	6	7	87	4.5
GKP M75 x 2	100	28	94	6 - M5 x 20	6	7	87	4.5
GKP M80 x 2	110	32	103	6 - M6 x 22	6	8	95	8.0
GKP M85 x 2	115	32	108	6 - M6 x 22	6	8	100	8.0
GKP M90 x 2	120	32	113	6 - M6 x 22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

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft

GTG

GTG Locks the threads from 30° angle direction with three point locks. The advantages of this design is the brass locking threads can fully contact with male threads, thus ensuring the assembled accuracy.



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

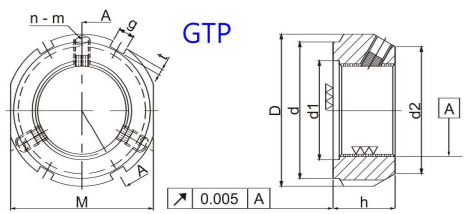
Specification Description

Thread	D	h	g	t	d	d1	d2	M	n - m	MAX. Nm
GTG M10 x 0.75P	28	14	4	2	23	11	21	24	3 - M5	4.5
GTG M12 x 1.0P	30	14	4	2	25	13	23	27	3 - M5	4.5
GTG M15 x 1.0P	33	16	4	2	28	16	26	30	3 - M5	4.5
GTG M17 x 1.0P	37	18	5	2	33	18	29	34	3 - M6	8
GTG M20 x 1.0P	40	18	5	2	35	21	32	36	3 - M6	8
GTG M25 x 1.5P	44	20	5	2	39	26	36	41	3 - M6	8
GTG M30 x 1.5P	49	20	5	2	44	32	41	46	3 - M6	8
GTG M35 x 1.5P	54	22	5	2	49	38	46	50	3 - M6	8
GTG M40 x 1.5P	65	22	6	2.5	59	42	56	60	3 - M6	8
GTG M45 x 1.5P	70	22	6	2.5	64	48	61	65	3 - M6	8
GTG M50 x 1.5P	75	25	7	3	68	52	65	70	3 - M6	8
GTG M55 x 2.0P	85	25	7	3	78	58	74	80	3 - M8	18
GTG M60 x 2.0P	90	26	8	3.5	82	62	78	85	3 - M8	18
GTG M65 x 2.0P	95	28	8	3.5	87	68	83	90	3 - M8	18
GTG M70 x 2.0P	100	28	8	3.5	92	72	88	95	3 - M8	18
GTG M75 x 2.0P	105	28	8	3.5	97	77	93	100	3 - M8	18
GTG M80 x 2.0P	110	32	8	3.5	100	83	98	-	3 - M8	18
GTG M85 x 2.0P	120	32	10	4	110	88	107	-	3 - M10	35
GTG M90 x 2.0P	125	32	10	4	115	93	112	-	3 - M10	35
GTG M95 x 2.0P	130	32	10	4	120	98	117	-	3 - M10	35
GTG M100 x 2.0P	135	32	10	4	125	103	122	-	3 - M10	35
GTG M110 x 2.0P	145	32	10	4	134	112	132	-	3 - M10	35
GTG M120 x 2.0P	155	32	10	4	144	122	142	-	3 - M10	35
GTG M130 x 2.0P	165	32	12	5	154	132	152	-	3 - M10	35
GTG M140 x 2.0P	175	32	14	6	164	142	162	-	3 - M10	35
GTG M150 x 2.0P	185	32	14	6	174	152	172	-	3 - M10	35
GTG M160 x 3.0P	195	32	14	6	184	162	182	-	3 - M10	35
GTG M170 x 3.0P	205	32	14	6	194	172	192	-	3 - M10	35
GTG M180 x 3.0P	215	32	16	7	204	182	202	-	3 - M10	35
GTG M190 x 3.0P	225	32	16	7	214	192	212	-	3 - M10	35
GTG M200 x 3.0P	235	32	18	8	224	202	222	-	3 - M10	35

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft

GTP

GTP Locks the threads from 30° angle direction with three point locks. The advantages of this design is the brass locking threads can fully contact with male threads, thus ensuring the assembled accuracy.

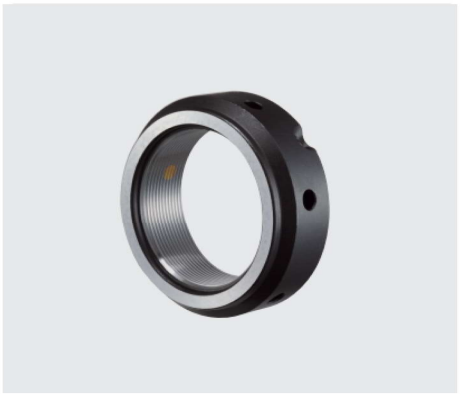


- Material Composition: SCM440(42CrMo4)
- Hardness: HRC28°~32°
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Turning
- Run Out: 0.005mm

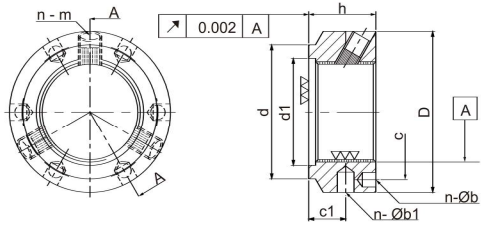
Specification Description

Thread	D	h	g	t	d	d1	d2	M	n - m	MAX. Nm
GTP M10 x 0.75P	28	14	4	2	23	11	21	24	3 - M5	4.5
GTP M12 x 1.0P	30	14	4	2	25	13	23	27	3 - M5	4.5
GTP M15 x 1.0P	33	16	4	2	28	16	26	30	3 - M5	4.5
GTP M17 x 1.0P	37	18	5	2	33	18	29	34	3 - M6	8
GTP M20 x 1.0P	40	18	5	2	35	21	32	36	3 - M6	8
GTP M25 x 1.5P	44	20	5	2	39	26	36	41	3 - M6	8
GTP M30 x 1.5P	49	20	5	2	44	32	41	46	3 - M6	8
GTP M35 x 1.5P	54	22	5	2	49	38	46	50	3 - M6	8
GTP M40 x 1.5P	65	22	6	2.5	59	42	56	60	3 - M6	8
GTP M45 x 1.5P	70	22	6	2.5	64	48	61	65	3 - M6	8
GTP M50 x 1.5P	75	25	7	3	68	52	65	70	3 - M6	8
GTP M55 x 2.0P	85	25	7	3	78	58	74	80	3 - M8	18
GTP M60 x 2.0P	90	26	8	3.5	82	62	78	85	3 - M8	18
GTP M65 x 2.0P	95	28	8	3.5	87	68	83	90	3 - M8	18
GTP M70 x 2.0P	100	28	8	3.5	92	72	88	95	3 - M8	18
GTP M75 x 2.0P	105	28	8	3.5	97	77	93	100	3 - M8	18
GTP M80 x 2.0P	110	32	8	3.5	100	83	98	-	3 - M8	18
GTP M85 x 2.0P	120	32	10	4	110	88	107	-	3 - M10	35
GTP M90 x 2.0P	125	32	10	4	115	93	112	-	3 - M10	35
GTP M95 x 2.0P	130	32	10	4	120	98	117	-	3 - M10	35
GTP M100 x 2.0P	135	32	10	4	125	103	122	-	3 - M10	35
GTP M110 x 2.0P	145	32	10	4	134	112	132	-	3 - M10	35
GTP M120 x 2.0P	155	32	10	4	144	122	142	-	3 - M10	35
GTP M130 x 2.0P	165	32	12	5	154	132	152	-	3 - M10	35
GTP M140 x 2.0P	175	32	14	6	164	142	162	-	3 - M10	35
GTP M150 x 2.0P	185	32	14	6	174	152	172	-	3 - M10	35
GTP M160 x 3.0P	195	32	14	6	184	162	182	-	3 - M10	35
GTP M170 x 3.0P	205	32	14	6	194	172	192	-	3 - M10	35
GTP M180 x 3.0P	215	32	16	7	204	182	202	-	3 - M10	35
GTP M190 x 3.0P	225	32	16	7	214	192	212	-	3 - M10	35
GTP M200 x 3.0P	235	32	18	8	224	202	222	-	3 - M10	35

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft



GTAG Uses the same locking method as GTP locknut, but this nut has wrench holes on the radius side and back surface side, making it easy for different assembly environment requirements.



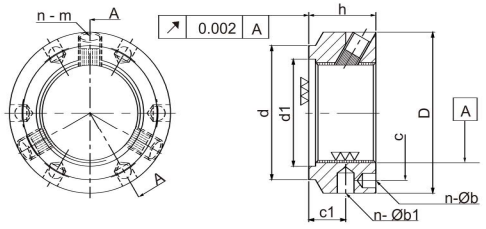
- Material Composition: SCM440(42CrMo4)
- Hardness: HRC28°~32°
- Thread Accuracy: ISO 4H
- Manufacturing Method: High Precision Grinding
- Run Out: 0.002mm

Specification Description

Thread	D	h	d	d1	c	c1	n-Øb	n-Øb1	n - m	MAX. Nm
GTAG M25 x 1.5P	42	20	35	26	32.5	11	6-Ø4.3	6-Ø4	3 - M6	8
GTAG M30 x 1.5P	48	20	40	32	40.5	11	6-Ø4.3	6-Ø5	3 - M6	8
GTAG M35 x 1.5P	53	20	47	38	45.5	11	6-Ø4.3	6-Ø5	3 - M6	8
GTAG M40 x 1.5P	58	22	52	42	50.5	12	6-Ø4.3	6-Ø5	3 - M6	8
GTAG M45 x 1.5P	68	22	58	48	58	12	6-Ø4.3	6-Ø6	3 - M6	8
GTAG M50 x 1.5P	70	24	63	52	61.5	13	6-Ø4.3	6-Ø6	3 - M6	8
GTAG M55 x 1.5P	75	24	70	58	66.8	13	6-Ø4.3	6-Ø6	3 - M6	8
GTAG M60 x 1.5P	84	24	75	62	74.5	13	6-Ø5.3	6-Ø6	3 - M8	18
GTAG M65 x 1.5P	88	25	80	68	78.5	13	6-Ø5.3	6-Ø6	3 - M8	18
GTAG M70 x 1.5P	95	26	86	72	85	14	6-Ø5.3	6-Ø8	3 - M8	18
GTAG M75 x 1.5P	100	26	91	77	88	13	6-Ø6.4	6-Ø8	3 - M8	18
GTAG M80 x 2.0P	110	30	97	83	95	16	6-Ø6.4	6-Ø8	3 - M8	18
GTAG M85 x 2.0P	115	32	102	88	100	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAG M90 x 2.0P	120	32	110	93	108	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAG M95 x 2.0P	125	32	114	98	113	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAG M100 x 2.0P	130	32	120	103	118	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAG M110 x 2.0P	140	32	132	112	128	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAG M120 x 2.0P	155	32	142	122	140	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAG M130 x 3.0P	165	32	156	132	153	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAG M140 x 3.0P	180	32	166	142	165	17	6-Ø6.4	6-Ø10	3 - M10	35
GTAG M150 x 3.0P	190	32	180	152	175	17	6-Ø6.4	6-Ø10	3 - M10	35
GTAG M160 x 3.0P	205	32	190	162	185	17	6-Ø8.4	6-Ø10	3 - M10	35
GTAG M170 x 3.0P	215	32	205	172	195	17	6-Ø8.4	6-Ø10	3 - M10	35
GTAG M180 x 3.0P	230	32	215	182	210	17	6-Ø8.4	6-Ø10	3 - M10	35
GTAG M190 x 3.0P	240	32	225	192	224	17	6-Ø8.4	6-Ø10	3 - M10	35
GTAG M200 x 3.0P	245	32	237	202	229	17	6-Ø8.4	6-Ø10	3 - M10	35

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft

GTAP Uses the same locking method as GTP locknut, but this nut has wrench holes on the radius side and back surface side, making it easy for different assembly environment requirements.



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

Specification Description

Thread	D	h	d	d1	c	c1	n-Øb	n-Øb1	n - m	MAX. Nm
GTAP M25 x 1.5P	42	20	35	26	32.5	11	6-Ø4.3	6-Ø4	3 - M6	8
GTAP M30 x 1.5P	48	20	40	32	40.5	11	6-Ø4.3	6-Ø5	3 - M6	8
GTAP M35 x 1.5P	53	20	47	38	45.5	11	6-Ø4.3	6-Ø5	3 - M6	8
GTAP M40 x 1.5P	58	22	52	42	50.5	12	6-Ø4.3	6-Ø5	3 - M6	8
GTAP M45 x 1.5P	68	22	58	48	58	12	6-Ø4.3	6-Ø6	3 - M6	8
GTAP M50 x 1.5P	70	24	63	52	61.5	13	6-Ø4.3	6-Ø6	3 - M6	8
GTAP M55 x 1.5P	75	24	70	58	66.8	13	6-Ø4.3	6-Ø6	3 - M6	8
GTAP M60 x 1.5P	84	24	75	62	74.5	13	6-Ø5.3	6-Ø6	3 - M8	18
GTAP M65 x 1.5P	88	25	80	68	78.5	13	6-Ø5.3	6-Ø6	3 - M8	18
GTAP M70 x 1.5P	95	26	86	72	85	14	6-Ø5.3	6-Ø8	3 - M8	18
GTAP M75 x 1.5P	100	26	91	77	88	13	6-Ø6.4	6-Ø8	3 - M8	18
GTAP M80 x 2.0P	110	30	97	83	95	16	6-Ø6.4	6-Ø8	3 - M8	18
GTAP M85 x 2.0P	115	32	102	88	100	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAP M90 x 2.0P	120	32	110	93	108	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAP M95 x 2.0P	125	32	114	98	113	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAP M100 x 2.0P	130	32	120	103	118	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAP M110 x 2.0P	140	32	132	112	128	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAP M120 x 2.0P	155	32	142	122	140	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAP M130 x 3.0P	165	32	156	132	153	17	6-Ø6.4	6-Ø8	3 - M10	35
GTAP M140 x 3.0P	180	32	166	142	165	17	6-Ø6.4	6-Ø10	3 - M10	35
GTAP M150 x 3.0P	190	32	180	152	175	17	6-Ø6.4	6-Ø10	3 - M10	35
GTAP M160 x 3.0P	205	32	190	162	185	17	6-Ø8.4	6-Ø10	3 - M10	35
GTAP M170 x 3.0P	215	32	205	172	195	17	6-Ø8.4	6-Ø10	3 - M10	35
GTAP M180 x 3.0P	230	32	215	182	210	17	6-Ø8.4	6-Ø10	3 - M10	35
GTAP M190 x 3.0P	240	32	225	192	224	17	6-Ø8.4	6-Ø10	3 - M10	35
GTAP M200 x 3.0P	245	32	237	202	229	17	6-Ø8.4	6-Ø10	3 - M10	35

Notes : (1) Above information is for reference only. GMT may change specs without prior notice.
(2) 1Nm=10.2kgf.cm=0.73lb.ft