

Slotted Locknuts

Steel / Stainless Steel, Self-Locking, with Polyamide Insert

SPECIFICATION

Nut

- Steel
 - Property class 5
 - Zinc plated, blue passivated
- Stainless steel AISI 304 **NI**

Insert

Plastic, polyamide (PA)
Operating temperature -30 °C to +90 °C

INFORMATION

Slotted locknuts GN 1804.1 are self-locking owing to their polyamide insert. They can therefore also be used as a setting nut and may be used more than once.

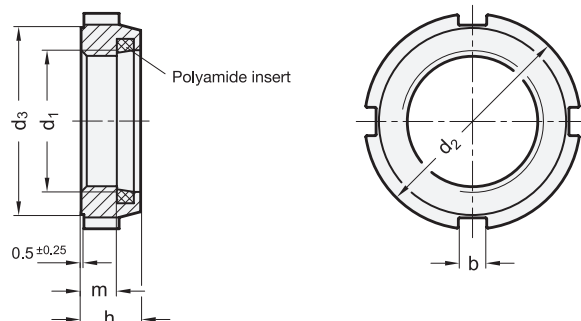
The thread series largely corresponds to roller bearing slotted locknuts according to DIN 981. The additionally available dimensions listed above cover typical thread sizes used in machine and device construction.

ACCESSORY

- DIN 1810 C-Spanner (Code no. see table) (see page 994)

TECHNICAL INFORMATION

- Metric ISO fine thread DIN 13 (see page A19)
- Strength Values of Nuts (see page A20)
- Plastic Characteristics (see page A2)
- Stainless Steel Characteristics (see page A26)



GN 1804.1-ST

Description	d ₁ 6H	d ₂ d ₃ b	h	m	Number of slots	C-Spanner	Δ
GN 1804.1-M10x0.75	M 10 x 0.75	18 15 3	7.5	4.5	4	DIN 1810-A16-20	6
GN 1804.1-M10x1	M 10 x 1	18 15 3	7.6	4.4	4	DIN 1810-A16-20	7
GN 1804.1-M12x1	M 12 x 1	21 18 3	7.5	4.5	4	DIN 1810-A16-20	10
GN 1804.1-M12x1.5	M 12 x 1.5	21 18 3	9.2	5.7	4	DIN 1810-A16-20	8
GN 1804.1-M14x1.5	M 14 x 1.5	24 21 4	10.7	6	4	DIN 1810-A25-28	28
GN 1804.1-M15x1	M 15 x 1	24 21 4	8.5	5.5	4	DIN 1810-A25-28	13
GN 1804.1-M16x1.5	M 16 x 1.5	28 24 4	10.7	6	4	DIN 1810-A25-28	29
GN 1804.1-M17x1	M 17 x 1	28 24 4	8.5	5.5	4	DIN 1810-A25-28	16
GN 1804.1-M18x1.5	M 18 x 1.5	28 24 4	10.7	7.3	4	DIN 1810-A25-28	30
GN 1804.1-M20x1	M 20 x 1	32 27 4	9.5	6.5	4	DIN 1810-A30-32	24
GN 1804.1-M20x1.5	M 20 x 1.5	32 27 4	9.6	6	4	DIN 1810-A30-32	31
GN 1804.1-M22x1.5	M 22 x 1.5	38 33 5	12.7	7	4	DIN 1810-A40-42	44
GN 1804.1-M24x1.5	M 24 x 1.5	38 33 5	10.7	6.2	4	DIN 1810-A40-42	37
GN 1804.1-M25x1.5	M 25 x 1.5	38 33 5	10.5	6.5	4	DIN 1810-A40-42	36
GN 1804.1-M28x1.5	M 28 x 1.5	44 38 5	11.2	6.9	4	DIN 1810-A45-50	52
GN 1804.1-M30x1.5	M 30 x 1.5	44 38 5	11	6.5	4	DIN 1810-A45-50	45
GN 1804.1-M32x1.5	M 32 x 1.5	50 44 5	11.2	6.6	4	DIN 1810-A45-50	68
GN 1804.1-M40x1.5	M 40 x 1.5	56 50 6	12	8.2	4	DIN 1810-A58-62	78
GN 1804.1-M35x1.5	M 35 x 1.5	50 44 5	11	7	4	DIN 1810-A45-50	58
GN 1804.1-M38x1.5	M 38 x 1.5	53 47 5	12.2	6.6	4	DIN 1810-A52-55	68
GN 1804.1-M40x1.5	M 40 x 1.5	56 50 6	12	8.2	4	DIN 1810-A58-62	78
GN 1804.1-M42x1.5	M 42 x 1.5	62 55 6	15.2	10.6	4	DIN 1810-A58-62	150
GN 1804.1-M45x1.5	M 45 x 1.5	62 55 6	12	8.2	4	DIN 1810-A58-62	74
GN 1804.1-M50x1.5	M 50 x 1.5	68 61 6	13	8.5	4	DIN 1810-A68-75	102
GN 1804.1-M55x2	M 55 x 2	75 68 7	13.5	8.5	6	DIN 1810-A68-75	141
GN 1804.1-M60x2	M 60 x 2	80 73 7	13.5	8.5	6	DIN 1810-A80-90	148

GN 1804.1-NI

STAINLESS STEEL

Description	d ₁ 6H	d ₂ d ₃ b	h	m	Number of slots	C-Spanner	Δ
GN 1804.1-M10x0.75-NI	M 10 x 0.75	18 15 3	7.5	4.5	4	DIN 1810-A16-20	6
GN 1804.1-M12x1-NI	M 12 x 1	21 18 3	7.5	4.5	4	DIN 1810-A16-20	8
GN 1804.1-M15x1-NI	M 15 x 1	24 21 4	8.5	5.5	4	DIN 1810-A25-28	11
GN 1804.1-M17x1-NI	M 17 x 1	28 24 4	8.5	5.5	4	DIN 1810-A25-28	17
GN 1804.1-M20x1-NI	M 20 x 1	32 27 4	9.5	6.5	4	DIN 1810-A30-32	24
GN 1804.1-M25x1.5-NI	M 25 x 1.5	38 33 5	10.5	6.5	4	DIN 1810-A40-42	34
GN 1804.1-M30x1.5-NI	M 30 x 1.5	44 38 5	11	6.5	4	DIN 1810-A45-50	44
GN 1804.1-M35x1.5-NI	M 35 x 1.5	50 44 5	11	7	4	DIN 1810-A45-50	61
GN 1804.1-M40x1.5-NI	M 40 x 1.5	56 50 6	12	8.2	4	DIN 1810-A58-62	79
GN 1804.1-M45x1.5-NI	M 45 x 1.5	62 55 6	12	8.2	4	DIN 1810-A58-62	94