

梯形丝杠螺母

钢 / 不锈钢 / 铜锡合金 / 塑料, 单线或多线, 圆柱形

规格

螺纹旋向

- RH: 右旋螺纹
- LH: 左旋螺纹

识别号

- 1 号: 短款 (材质 ST / NI)
- 2 号: 长款 (材质 ST / RG / POM)

钢 1.0718 **ST**

AISI 303 不锈钢 **NI**

铜锡合金 (Rg7) **RG**

塑料、聚甲醛 **POM**

- 白色
- 耐受温度上限为 90 °C

信息

梯形丝杠螺母 GN 103.3 与梯形丝杠螺钉 GN 103 一起使用。根据材料和强度, 螺母有多种长度。螺母可以通过平面或圆周上单独加工的表面、凹槽或螺纹来紧固。

为了最大限度减少磨损, 应润滑梯形丝杠螺母。不过, 如果润滑不足, 铜合金 (铜锡合金) 通常具有紧急运行性能。钢和不锈钢螺母主要用于偶尔的调整。

附件

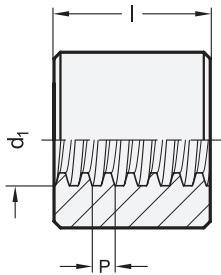
- 梯形丝杠螺钉 GN 103 (参见页)

技术信息

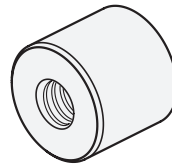
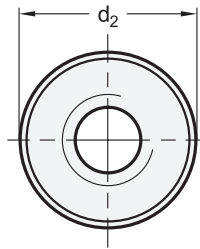
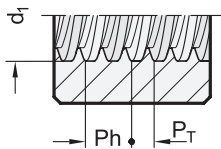
- 梯形丝杠螺钉 (参见页)
- 塑料特性 (参见页 A2)
- 不锈钢特性 (参见页 A26)



单线螺纹



多线螺纹

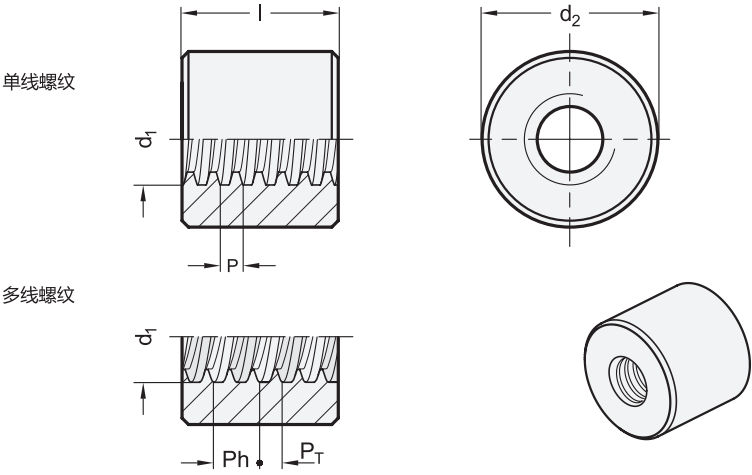


GN 103.3-ST

说明	d1 x P 单线	d1 x Ph 多线	P _T 螺距	螺纹函数 Ph / P _T	d2	条长 l 识别号 1	条长 l 识别号 2	📏
GN 103.3-8x1,5-RH-1-ST	8 x 1,5	-	-	-	18	12	-	40
GN 103.3-8x1,5-LH-1-ST	8 x 1,5	-	-	-	18	12	-	40
GN 103.3-8x1,5-RH-2-ST	8 x 1,5	-	-	-	18	-	16	60
GN 103.3-8x1,5-LH-2-ST	8 x 1,5	-	-	-	18	-	16	60
GN 103.3-10x2-RH-1-ST	10 x 2	-	-	-	22	15	-	40
GN 103.3-10x2-LH-1-ST	10 x 2	-	-	-	22	15	-	40
GN 103.3-10x2-RH-2-ST	10 x 2	-	-	-	22	-	20	60
GN 103.3-10x2-LH-2-ST	10 x 2	-	-	-	22	-	20	60
GN 103.3-10x3-RH-1-ST	10 x 3	-	-	-	22	15	-	40
GN 103.3-10x3-LH-1-ST	10 x 3	-	-	-	22	15	-	40
GN 103.3-10x3-RH-2-ST	10 x 3	-	-	-	22	-	20	60
GN 103.3-10x3-LH-2-ST	10 x 3	-	-	-	22	-	20	60
GN 103.3-12x3-RH-1-ST	12 x 3	-	-	-	26	18	-	60
GN 103.3-12x3-LH-1-ST	12 x 3	-	-	-	26	18	-	60
GN 103.3-12x3-RH-2-ST	12 x 3	-	-	-	26	-	24	80
GN 103.3-12x3-LH-2-ST	12 x 3	-	-	-	26	-	24	80
GN 103.3-14x4-RH-1-ST	14 x 4	-	-	-	30	21	-	100
GN 103.3-14x4-LH-1-ST	14 x 4	-	-	-	30	21	-	100
GN 103.3-14x4-RH-2-ST	14 x 4	-	-	-	30	-	28	120
GN 103.3-14x4-LH-2-ST	14 x 4	-	-	-	30	-	28	120
GN 103.3-16x4-RH-1-ST	16 x 4	-	-	-	36	24	-	160
GN 103.3-16x4-LH-1-ST	16 x 4	-	-	-	36	24	-	160
GN 103.3-16x4-RH-2-ST	16 x 4	-	-	-	36	-	32	220
GN 103.3-16x4-LH-2-ST	16 x 4	-	-	-	36	-	32	220
GN 103.3-18x4-RH-1-ST	18 x 4	-	-	-	40	27	-	220
GN 103.3-18x4-LH-1-ST	18 x 4	-	-	-	40	27	-	220
GN 103.3-18x4-RH-2-ST	18 x 4	-	-	-	40	-	36	320
GN 103.3-18x4-LH-2-ST	18 x 4	-	-	-	40	-	36	320
GN 103.3-20x4-RH-1-ST	20 x 4	-	-	-	45	30	-	320
GN 103.3-20x4-LH-1-ST	20 x 4	-	-	-	45	30	-	320
GN 103.3-20x4-RH-2-ST	20 x 4	-	-	-	45	-	40	420
GN 103.3-20x4-LH-2-ST	20 x 4	-	-	-	45	-	40	420
GN 103.3-24x5-RH-1-ST	24 x 5	-	-	-	50	36	-	440
GN 103.3-24x5-LH-1-ST	24 x 5	-	-	-	50	36	-	440
GN 103.3-24x5-RH-2-ST	24 x 5	-	-	-	50	-	48	600
GN 103.3-24x5-LH-2-ST	24 x 5	-	-	-	50	-	48	600
GN 103.3-30x6-RH-1-ST	30 x 6	-	-	-	60	45	-	780
GN 103.3-30x6-LH-1-ST	30 x 6	-	-	-	60	45	-	780
GN 103.3-30x6-RH-2-ST	30 x 6	-	-	-	60	-	60	1060
GN 103.3-30x6-LH-2-ST	30 x 6	-	-	-	60	-	60	1060
GN 103.3-36x6-RH-1-ST	36 x 6	-	-	-	75	54	-	1480
GN 103.3-36x6-LH-1-ST	36 x 6	-	-	-	75	54	-	1480
GN 103.3-36x6-RH-2-ST	36 x 6	-	-	-	75	-	72	1980
GN 103.3-36x6-LH-2-ST	36 x 6	-	-	-	75	-	72	1980
GN 103.3-40x7-RH-1-ST	40 x 7	-	-	-	80	60	-	1800
GN 103.3-40x7-LH-1-ST	40 x 7	-	-	-	80	60	-	1800
GN 103.3-40x7-RH-2-ST	40 x 7	-	-	-	80	-	80	2440
GN 103.3-40x7-LH-2-ST	40 x 7	-	-	-	80	-	80	2440
GN 103.3-50x8-RH-1-ST	50 x 8	-	-	-	90	75	-	2720
GN 103.3-50x8-LH-1-ST	50 x 8	-	-	-	90	75	-	2720
GN 103.3-50x8-RH-2-ST	50 x 8	-	-	-	90	-	100	3640
GN 103.3-50x8-LH-2-ST	50 x 8	-	-	-	90	-	100	3640
GN 103.3-12x6-RH-1-ST	-	12 x 6	P3	2	26	18	-	60
GN 103.3-12x6-RH-2-ST	-	12 x 6	P3	2	26	-	24	80
GN 103.3-16x8-RH-1-ST	-	16 x 8	P4	2	36	24	-	160
GN 103.3-16x8-RH-2-ST	-	16 x 8	P4	2	36	-	32	220
GN 103.3-20x8-RH-1-ST	-	20 x 8	P4	2	45	30	-	300
GN 103.3-20x8-RH-2-ST	-	20 x 8	P4	2	45	-	40	420
GN 103.3-24x10-RH-1-ST	-	24 x 10	P5	2	50	36	-	440
GN 103.3-24x10-RH-2-ST	-	24 x 10	P5	2	50	-	48	600
GN 103.3-30x12-RH-1-ST	-	30 x 12	P6	2	60	45	-	800
GN 103.3-30x12-RH-2-ST	-	30 x 12	P6	2	60	-	60	1060
GN 103.3-40x14-RH-1-ST	-	40 x 12	P7	2	80	60	-	1800
GN 103.3-40x14-RH-2-ST	-	40 x 12	P7	2	80	-	80	2440



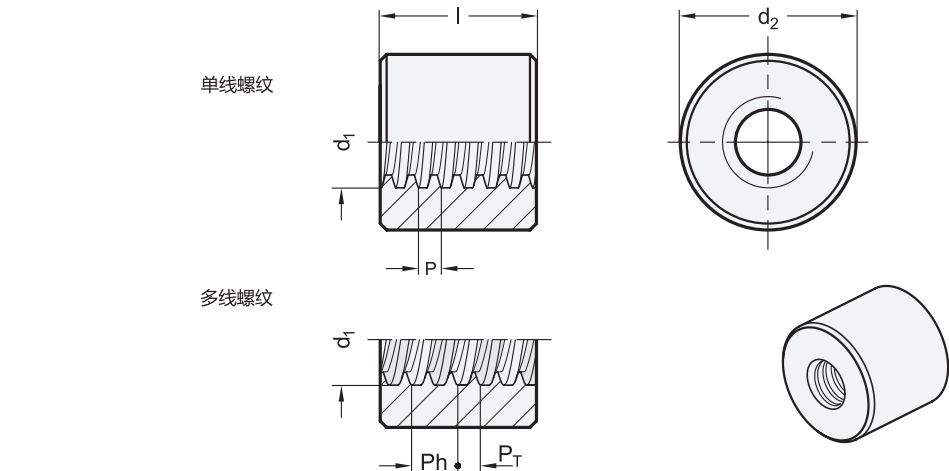
直线运动部件 20



GN 103.3-NI

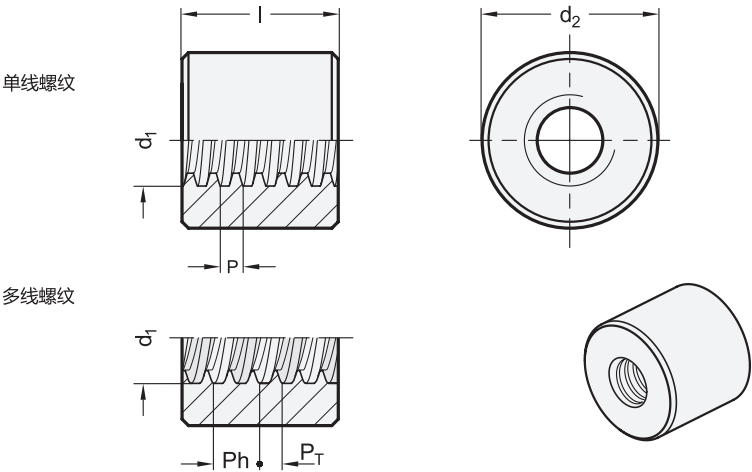
不锈钢

说明	d1 x P 单线	d1 x Ph 多线	PT 螺距	螺纹圈数 Ph / PT	d2	条长 l 识别号 1	
GN 103.3-8x1.5-RH-1-NI	8 x 1.5	-	-	-	18	12	40
GN 103.3-8x1.5-LH-1-NI	8 x 1.5	-	-	-	18	12	40
GN 103.3-10x2-RH-1-NI	10 x 2	-	-	-	22	15	40
GN 103.3-10x2-LH-1-NI	10 x 2	-	-	-	22	15	40
GN 103.3-10x3-RH-1-NI	10 x 3	-	-	-	22	15	40
GN 103.3-10x3-LH-1-NI	10 x 3	-	-	-	22	15	40
GN 103.3-12x3-RH-1-NI	12 x 3	-	-	-	26	18	60
GN 103.3-12x3-LH-1-NI	12 x 3	-	-	-	26	18	60
GN 103.3-14x4-RH-1-NI	14 x 4	-	-	-	30	21	100
GN 103.3-14x4-LH-1-NI	14 x 4	-	-	-	30	21	100
GN 103.3-16x4-RH-1-NI	16 x 4	-	-	-	36	24	160
GN 103.3-16x4-LH-1-NI	16 x 4	-	-	-	36	24	160
GN 103.3-18x4-RH-1-NI	18 x 4	-	-	-	40	27	220
GN 103.3-18x4-LH-1-NI	18 x 4	-	-	-	40	27	220
GN 103.3-20x4-RH-1-NI	20 x 4	-	-	-	45	30	320
GN 103.3-20x4-LH-1-NI	20 x 4	-	-	-	45	30	320
GN 103.3-24x5-RH-1-NI	24 x 5	-	-	-	50	36	440
GN 103.3-24x5-LH-1-NI	24 x 5	-	-	-	50	36	440
GN 103.3-30x6-RH-1-NI	30 x 6	-	-	-	60	45	780
GN 103.3-30x6-LH-1-NI	30 x 6	-	-	-	60	45	780
GN 103.3-36x6-RH-1-NI	36 x 6	-	-	-	75	54	1480
GN 103.3-36x6-LH-1-NI	36 x 6	-	-	-	75	54	1480
GN 103.3-40x7-RH-1-NI	40 x 7	-	-	-	80	60	1800
GN 103.3-40x7-LH-1-NI	40 x 7	-	-	-	80	60	1800
GN 103.3-50x8-RH-1-NI	50 x 8	-	-	-	90	75	2720
GN 103.3-50x8-LH-1-NI	50 x 8	-	-	-	90	75	2720
GN 103.3-12x6-RH-1-NI	-	12 x 6	P3	2	26	18	60
GN 103.3-16x8-RH-1-NI	-	16 x 8	P4	2	36	24	160
GN 103.3-20x8-RH-1-NI	-	20 x 8	P4	2	45	30	300
GN 103.3-24x10-RH-1-NI	-	24 x 10	P5	2	50	36	440
GN 103.3-30x12-RH-1-NI	-	30 x 12	P6	2	60	45	800
GN 103.3-40x14-RH-1-NI	-	40 x 14	P7	2	80	60	1800



GN 103.3-RG

说明	d1 x P 单线	d1 x Ph 多线	PT 螺距	螺纹圈数 Ph / PT	d2	条长 l 识别号 2	⚖
GN 103.3-8x1.5-RH-2-RG	8 x 1.5	-	-	-	18	16	60
GN 103.3-8x1.5-LH-2-RG	8 x 1.5	-	-	-	18	16	60
GN 103.3-10x2-RH-2-RG	10 x 2	-	-	-	22	20	60
GN 103.3-10x2-LH-2-RG	10 x 2	-	-	-	22	20	60
GN 103.3-10x3-RH-2-RG	10 x 3	-	-	-	22	20	60
GN 103.3-10x3-LH-2-RG	10 x 3	-	-	-	22	20	60
GN 103.3-12x3-RH-2-RG	12 x 3	-	-	-	26	24	80
GN 103.3-12x3-LH-2-RG	12 x 3	-	-	-	26	24	80
GN 103.3-14x4-RH-2-RG	14 x 4	-	-	-	30	28	120
GN 103.3-14x4-LH-2-RG	14 x 4	-	-	-	30	28	120
GN 103.3-16x4-RH-2-RG	16 x 4	-	-	-	36	32	220
GN 103.3-16x4-LH-2-RG	16 x 4	-	-	-	36	32	220
GN 103.3-18x4-RH-2-RG	18 x 4	-	-	-	40	36	320
GN 103.3-18x4-LH-2-RG	18 x 4	-	-	-	40	36	320
GN 103.3-20x4-RH-2-RG	20 x 4	-	-	-	45	40	420
GN 103.3-20x4-LH-2-RG	20 x 4	-	-	-	45	40	420
GN 103.3-24x5-RH-2-RG	24 x 5	-	-	-	50	48	600
GN 103.3-24x5-LH-2-RG	24 x 5	-	-	-	50	48	600
GN 103.3-30x6-RH-2-RG	30 x 6	-	-	-	60	60	1060
GN 103.3-30x6-LH-2-RG	30 x 6	-	-	-	60	60	1060
GN 103.3-36x6-RH-2-RG	36 x 6	-	-	-	75	72	1980
GN 103.3-36x6-LH-2-RG	36 x 6	-	-	-	75	72	1980
GN 103.3-40x7-RH-2-RG	40 x 7	-	-	-	80	80	2440
GN 103.3-40x7-LH-2-RG	40 x 7	-	-	-	80	80	2440
GN 103.3-50x8-RH-2-RG	50 x 8	-	-	-	90	100	3640
GN 103.3-50x8-LH-2-RG	50 x 8	-	-	-	90	100	3640
GN 103.3-12x6-RH-2-RG	-	12 x 6	P3	2	26	24	80
GN 103.3-16x8-RH-2-RG	-	16 x 8	P4	2	36	32	220
GN 103.3-20x8-RH-2-RG	-	20 x 8	P4	2	45	40	420
GN 103.3-24x10-RH-2-RG	-	24 x 10	P5	2	50	48	600
GN 103.3-30x12-RH-2-RG	-	30 x 12	P6	2	60	60	1060
GN 103.3-40x14-RH-2-RG	-	40 x 14	P7	2	80	80	2440



GN 103.3-POM

说明	d1 x P 单线	d1 x Ph 多线	PT 螺距	螺纹圈数 Ph / PT	d2	条长 l 识别号 2	
GN 103.3-8x1.5-RH-2-POM	8 x 1.5	-	-	-	18	16	60
GN 103.3-8x1.5-LH-2-POM	8 x 1.5	-	-	-	18	16	60
GN 103.3-10x2-RH-2-POM	10 x 2	-	-	-	22	20	60
GN 103.3-10x2-LH-2-POM	10 x 2	-	-	-	22	20	60
GN 103.3-10x3-RH-2-POM	10 x 3	-	-	-	22	20	60
GN 103.3-10x3-LH-2-POM	10 x 3	-	-	-	22	20	60
GN 103.3-12x3-RH-2-POM	12 x 3	-	-	-	26	24	20
GN 103.3-12x3-LH-2-POM	12 x 3	-	-	-	26	24	20
GN 103.3-14x4-RH-2-POM	14 x 4	-	-	-	30	28	30
GN 103.3-14x4-LH-2-POM	14 x 4	-	-	-	30	28	30
GN 103.3-16x4-RH-2-POM	16 x 4	-	-	-	36	32	40
GN 103.3-16x4-LH-2-POM	16 x 4	-	-	-	36	32	40
GN 103.3-18x4-RH-2-POM	18 x 4	-	-	-	40	36	50
GN 103.3-18x4-LH-2-POM	18 x 4	-	-	-	40	36	50
GN 103.3-20x4-RH-2-POM	20 x 4	-	-	-	45	40	60
GN 103.3-20x4-LH-2-POM	20 x 4	-	-	-	45	40	60
GN 103.3-24x5-RH-2-POM	24 x 5	-	-	-	50	48	80
GN 103.3-24x5-LH-2-POM	24 x 5	-	-	-	50	48	80
GN 103.3-30x6-RH-2-POM	30 x 6	-	-	-	60	60	160
GN 103.3-30x6-LH-2-POM	30 x 6	-	-	-	60	60	160
GN 103.3-36x6-RH-2-POM	36 x 6	-	-	-	75	72	280
GN 103.3-36x6-LH-2-POM	36 x 6	-	-	-	75	72	280
GN 103.3-40x7-RH-2-POM	40 x 7	-	-	-	80	80	360
GN 103.3-40x7-LH-2-POM	40 x 7	-	-	-	80	80	360
GN 103.3-50x8-RH-2-POM	50 x 8	-	-	-	90	100	540
GN 103.3-50x8-LH-2-POM	50 x 8	-	-	-	90	100	540
GN 103.3-12x6-RH-2-POM	-	12 x 6	P3	2	26	24	20
GN 103.3-16x8-RH-2-POM	-	16 x 8	P4	2	36	32	40
GN 103.3-20x8-RH-2-POM	-	20 x 8	P4	2	45	40	60
GN 103.3-24x10-RH-2-POM	-	24 x 10	P5	2	50	48	80
GN 103.3-30x12-RH-2-POM	-	30 x 12	P6	2	60	60	160
GN 103.3-40x14-RH-2-POM	-	40 x 14	P7	2	80	80	360