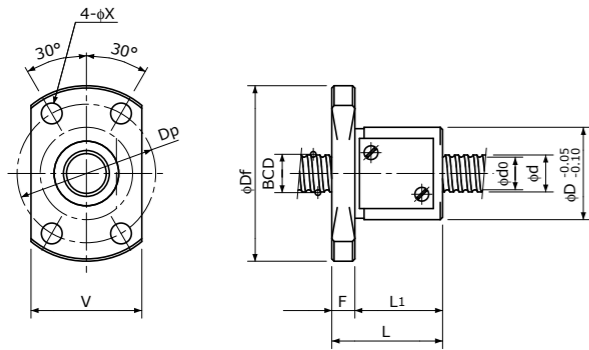


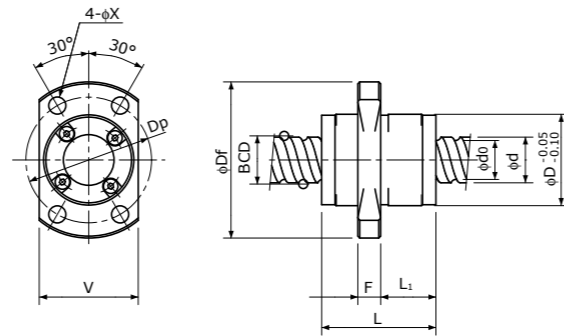
# Rolled Ball Screws 冷轧滚珠丝杠

## Single Nut with Flange 带法兰单螺母

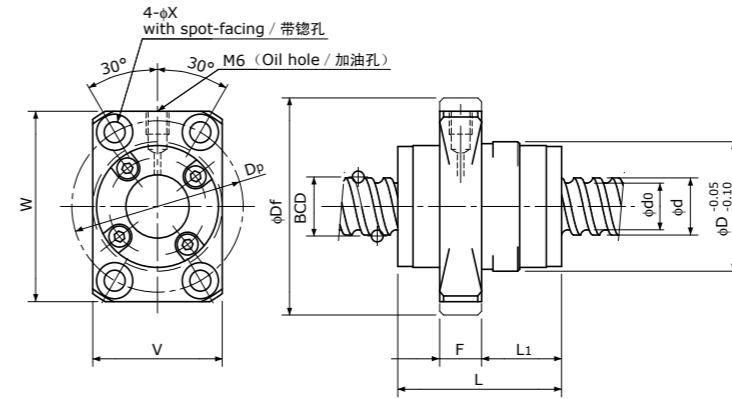
Backlash type  
齿侧间隙型



Type-1: Return-plate type  
复式回路板循环方式



Type-3: End-cap type or End-deflector type  
端盖循环方式或偏转器式循环方式



Type-4: End-deflector type  
偏转器式循环方式

Unit (单位): mm

Ball Nut Model number 螺母型号	Shaft nominal dia. 丝杠轴公称外径 d	Lead 导程	Ball size 丝杠直径	BCD 钢珠中心直径	Lead angle 导程角	Root dia. 底径 d <sub>0</sub>	Number of Circuit 循环数	Basic Load Rating 基本额定负载 N		Nut Rigidity 螺母刚性 N/∩m	Nut dimension 螺母尺寸										Ball Nut Model number 螺母型号
								Dynamic 额定动负载 Ca	Static 额定静负载 Coa		Nut type 螺母类型	D	Df	L	L <sub>1</sub>	F	W	V	Dp	Bolt Hole 安装孔 X	
MRB 1312	13	12	2.381	13.50	15° 48'	11.0	1.6×2	5000	9900	151	3	28	45	30	17	5	—	30	37	4.5	MRB 1312
MRB 1315	13	15	2.381	13.50	19° 29'	11.0	1.6×2	5000	10300	147	3	28	45	35	22	5	—	30	37	4.5	MRB 1315
MRB 1320	13	20	2.381	13.50	25° 15'	11.0	1.6×2	5000	10700	142	3	28	45	43	29	5	—	30	37	4.5	MRB 1320
MRB 1402	14	2	1.5875	14.30	2° 33'	12.6	3.7×1	3200	7500	176	1	26	45	25	19	6	—	28	36	5.5	MRB 1402
MRB 1404	14	4	2.381	14.30	5° 05'	11.8	3.7×1	5700	11600	187	1	30	49	33	27	6	—	32	40	5.5	MRB 1404
MRB 1505	15	5	3.175	15.50	5° 41'	12.2	3.7×1	8900	17000	208	4	34	57	33	16	11	50	34	45	5.5	MRB 1505
MRB 1510	15	10	3.175	15.50	11° 36'	12.2	2.7×2	12000	25000	289	4	34	57	43	21	11	50	34	45	5.5	MRB 1510
MRB 1520	15	20	3.175	15.75	22° 01'	12.7	1.7×2	8000	16000	178	4	34	57	52	28.5	11	50	34	45	5.5	MRB 1520

- 注1) 标准螺纹旋向为右旋。
- 注2) 设计时, 由于生产及组装螺母的关系, 请使滚珠丝杠的两个轴端不超过丝杠轴底径。需要单侧台阶型时, 请垂询本公司。
- 注3) 标准螺母不带密封。不能安装密封, 敬请注意。
- 注4) 刚性  
表中的刚性值, 是在相当于基本额定动负载Ca的30%的轴向负载作用时, 根据轴向弹性位移量计算的理论值。轴向负载与上述条件不同时, 可通过p-A823的公式计算。
- 注5) 不锈钢冷轧滚珠丝杠  
螺母型号后带\*\*者可提供不锈钢冷轧滚珠丝杠。

- Note 1) All models are Right-hand screw.
- Note 2) The diameter of the Screw Shaft both ends must be less than the Screw Shaft Root diameter, because of production and Nut assembly reason. If bigger end-journal than Shaft diameter is required, please consult KSS.
- Note 3) Ball Nut dimension is without seal at the both ends. All type of Ball Nuts cannot equip with seals.
- Note 4) Rigidity  
The Rigidity values shown in the table are theoretical values calculated from the amount of Elastic Displacement under the Axial load equivalent to 30% of the Basic Dynamic Load Rating Ca. For Axial load condition other than the above, see the formula in p-A823, you can calculate Rigidity using this formula.
- Note 5) Stainless Rolled Ball Screw  
Stainless Rolled Ball Screw is available for Ball Nut Model Number marked \*\*.