

 Points of comparison between similar products | Consider using this product if the usage environment is a high-load, and high-frequency drive application.

[illegible]

Technical drawing of the M6x1.0 (Oil Inlet) showing side and front views with dimensions and tolerances.

Side View Dimensions:

- Overall length: 52
- Section 1 (Left): $\varnothing 10_{-0.012}^{+0.004}$, $\varnothing 9.6_{-0.09}^{+0}$, R0.3 or less, C0.5, 12, 9.15 $\begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$, 1.15 $\begin{smallmatrix} +0.14 \\ 0 \end{smallmatrix}$
- Section 2: $\varnothing 34_{-0.025}^{+0.009}$, 40, 12
- Section 3: $\varnothing 15$, 12, $\varnothing 12_{-0.011}^{+0.003}$, R0.3 or less, C0.2, 5, 5, 10, 15
- Section 4: $\varnothing 10_{-0.009}^{+0}$, M12x1.0

Front View Dimensions:

- Overall width: 34
- Overall height: 50
- Top holes: $\varnothing 45$, 30° chamfer
- Bottom holes: $\varnothing 58$, 4-6 Through, 9.5 Counterbore Depth 6
- Center hole: $\varnothing 12$

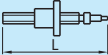
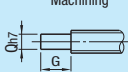
Other Labels:

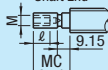
- Y (Nut Motion Range)
- 2-Seal
- Arrow View X-X

[illegible]
$$\text{Kgf} = \text{Nx}0.101972$$

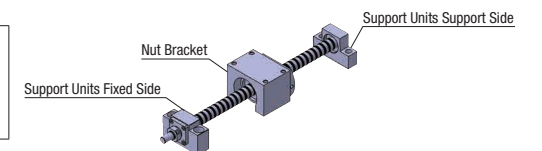
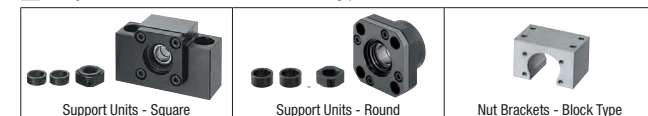

■ Notes

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Alterations	Code	Spec.
No Machining on Support Side Shaft End 	NC	No machining added on the support side shaft end. <u>Ordering Code</u> NC
Ball Nut Orientation Reversed (Support Side) (Fixed Side) Std.  Revised 	RLC	Changes the nut direction. <u>Ordering Code</u> RLC
No Retaining Ring Groove on Support Side Shaft End 	RNC	Retaining ring groove is not machined on the support side shaft end. <u>Ordering Code</u> RNC ⚠ Combination with FC is not available.
Change Support Side Shaft End Length 	FC	Changes the length of the support side shaft end. FC=1mm Increment <u>Ordering Code</u> FC20 ⚠ 13≤FC≤30 ⚠ Y dimension is shortened.
Change Support Side Shaft End Machining 	GC	Changes the machining on the support side. Q is selectable from 8, 10 and 12. G=1mm Increment <u>Ordering Code</u> GC-Q8-G20 ⚠ 5≤G≤Q/3 ⚠ Y dimension is shortened.

Alterations	Code	Spec.				
Tapped Hole on Support Side Shaft End 	MC	Adds a tapped hole on the support side shaft end. MC=1mm Increment Ordering Code MC20 <table><tr><td>M</td><td>l</td></tr><tr><td>M5x0.8</td><td>12</td></tr></table> Y dimension is shortened. 18≤MC≤30	M	l	M5x0.8	12
M	l					
M5x0.8	12					
Keyway on Fixed Side Shaft End Detailed Keyway Dimensions P684 	KC	Adds a keyway on the fixed side shaft end. KC=1mm Increment Ordering Code KC10 3≤KC≤14				
Keyway on Fixed Side Shaft End 	KLC	Adds a keyway at a customer specified area on the fixed side shaft end. (Keyway dim. is same as KC.) K, S=1mm Increment Ordering Code KLC-K5-S3 4≤K+S≤14				
Flat Machined on Fixed Side Shaft End 	SC	Adds a flat on the fixed side shaft end. SC=1mm Increment Ordering Code SC7 5≤SC≤14				
2 Flats Machined on Fixed Side Shaft End 	SWC SGC	Adds two flats on the fixed side shaft end. SWC: 90° Position SGC: 120° Position 1mm Increment Ordering Code SWC10 5≤SWC, SGC≤14				

■ **Peripherals:** Combination of the following parts is available.



■ Combination with Support Units

❗ Other than the part numbers shown above, a rich variety of Support Units are also available. (P.761~P.780)

■ Combination with Nut Brackets

Other than the part numbers shown above, a wide variety of Nut Brackets are also available. (P.780)

Other than the part numbers shown above, a wide variety of Nut Brackets are also available. (P.780)