

Material

Hardness

(mm)

F(mm)

H(mm)

N(mm)

Q(mm)

S(mm)

P(mm)

U(mm)

Z(mm)

Add Wrench Flats at One

Location [SC](mm)

**Surface Finish** 

Shaft Dia. D(mm)

Change to Fine Threads [MMC]

Thread (Fine) [QMS] in place of

Coarse Thread [M](mm)

## **Precision Linear Shaft with Configurable Shaft Ends (MISUMI)**



Part Number FSSF,ICB-D12-I 193 5-F12-M5-B10-N5-SC30

[Stainless Steel] SUS440C(13Cr) Stainless Steel

Induction Hardened (56HRC~)

Equivalent

None

12

5

12

30

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Basic Shape	Straight	End Shape (Left)	Threaded	

**Heat Treated** 

Length L(mm)

place of M(mm)

place of N(mm)

B(mm)

(mm)

M(mm)

J(mm)

R(mm)

T(mm)

W(mm)

**Shaft Fits Tolerance** 

Change to Fine Threads [MMS]

Thread (Super-Fine) [PMC] in

Thread (Fine) [PMS] in place of

Thread (Super-Fine) [QMC] in

Thread (Super-Fine) [PMC](mm)

Thread (Coarse) [N](mm)

I F				
Basic Shape	Straight	End Shape (Left)	Threaded	_
End Shape (Right)	Tapped	Shaft End Perpendicularity	Perpendicularity (0.2)	

eaded	
pendicularity (0.2)	

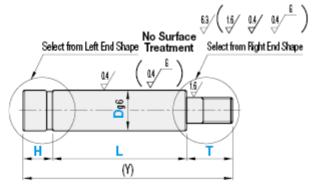
Induction Hardened

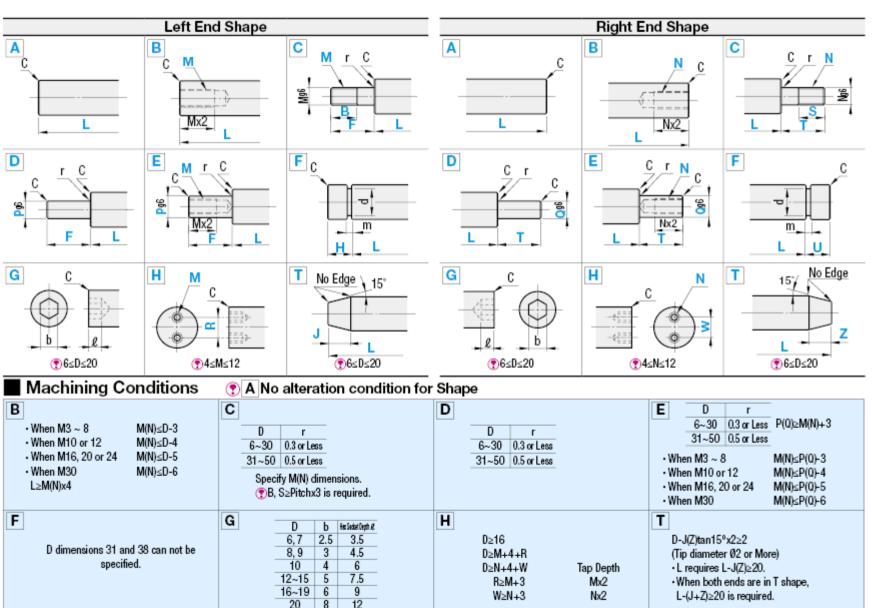
g6

10

5

193.5





When only one end requires alteration, select Shape A for the opposite end.
 G and H will not be symmetrical when applied to both ends of the shaft.

• When D=P or D=N is selected for shaft shape C, B(S) needs to be specified as F=B(T=S).
However, L, F, and T dimensions have manufacturing priority and B(S) dimension will be F(T)-(Pitch x2).



For details, please see Alteration Overview **See below**Alterations • Applicable to LKC, SC, WSC, PMC, PMS, QMC and QMS only.

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