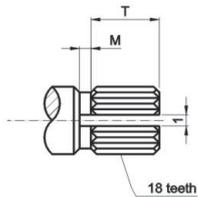


Type of shaft : 軸的型式

With bushing

W	5	7	0	
A	5	7	10	



18 TEETH TYPE  
A=5mm

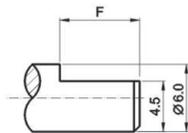
X	1	2	3	4
L	12	15	20	25
T	3.5	7.5	12	12
M	0.5	1	2	2

A=7mm

X	1	2	3	4
L	12	15	20	25
T	3.5	6	10	12
M	0.5	0.5	1	2

A=10mm

X	2	3	4
L	15	20	25
T	3.5	6.5	12
M	0.5	2	2



F TYPE  
A=5mm

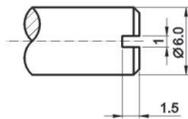
X	A	B	C	V
L	15	20	25	12
F	7.0	12	12	5.3

A=7mm

X	A	B	C
L	15	20	25
F	7.0	12	12

A=10mm

X	A	B	C
L	15	20	25
F	3.5	12	12



S TYPE  
A=5mm

X	Q	R	S
L	15	20	25

A=7mm

X	Q	R	S
L	15	20	25

A=10mm

X	Q	R	S
L	15	20	25

**Mechanical characteristics: 機械的性能**

Total rotational angle 全迴轉角度	$300^{\circ} \pm 10^{\circ}$
Rotational torque 迴轉扭力	10~200 gf.cm
Rotation stopper strength 止迴轉強度	Outer shaft 4Kgf.cm Inner shaft 3Kgf.cm
Push pull strength 軸堆拉強度	push 4 kgf / pull 3kgf

**Electrical characteristics: 電氣的性能**

Total resistance 總阻值	10K $\Omega$ ~500K $\Omega$
Total resistance tolerance 總阻值容許差	$\pm 20\%$
Rated power 定格電力	curve B:0.05W other curve B:0.025W
Max.operating voltage 最高使用電壓	curve B:50V AC other curve B:25V AC
Slide noise 滑動噪音	less than 100mV
Resistance taper 阻值線性	A, B, C
Residual resistance 殘留阻值	$R \geq 250K\Omega$ 0.1% max. of total resistance $250K\Omega > R > 10K\Omega$ 20 $\Omega$ max. $10K\Omega \geq R$ 10 $\Omega$ max.
Insulation resistance 絕緣抵抗	more than 100M at DC 250V
Gang error 相互偏差	-40dB to 0dB 3dB max.

**Durability: 耐久的性能**

Rotational life 迴轉壽命	10,000 cycles
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