

# MFS-C

Flexible couplings

# MFSS-C



## Features

- Ideal one-body metallic spring flexible couplings.
- Zero backlash.
- Complete absorption of eccentricity angularity, and end-play by spring action.
- High torsional stiffness and response.
- Identical clockwise and anticlockwise rotational characteristics.
- Maintenance-free, oil and chemical resistant.
- Clamp type.
- MFS-C Body : Extra Super Duralumin.
- MFSS-C Body : Stainless steel.

## 特性

- 完美單一本體，撓性聯軸器。
- 零作用力。
- 藉由彈性作用，完美吸收軸偏移、角偏差、軸端部位插。
- 高扭力，高負荷
- 可正逆轉特性。
- 免保養、抗油、抗化學性。
- 夾鉗式固定。
- MFS-C 本體：鋁合金材質。
- MFSS-C 本體：不銹鋼材質。

## Specifications

unit:mm

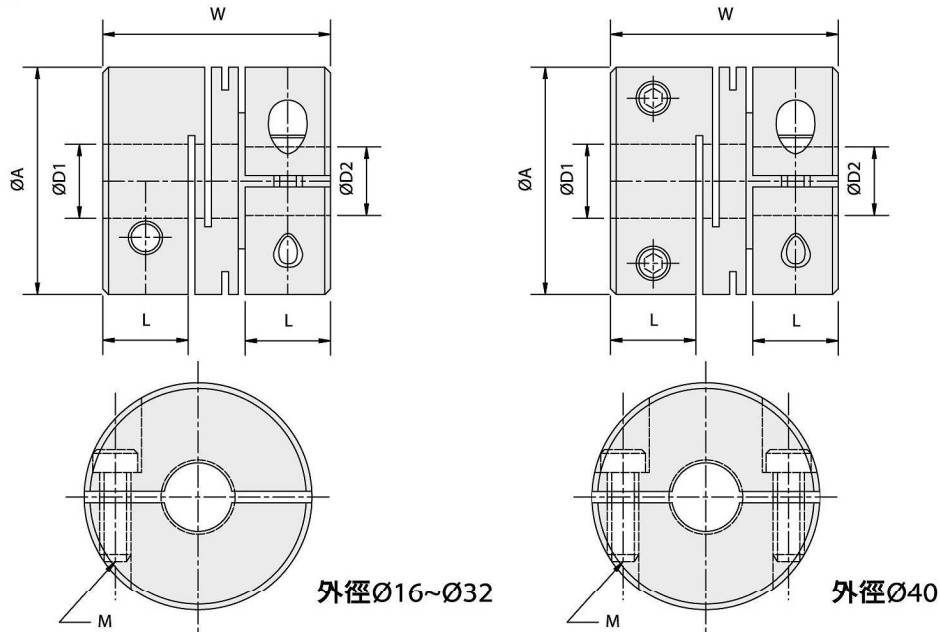
Product No 產品編號	Rated Torque 常用扭矩 (N.m)	Max. Torque 最大扭矩 (N.m)	Max. Rotational Frequency 最高迴轉數 (min <sup>-1</sup> )	Moment* Of Inertia 慣性 (kg. m <sup>2</sup> )	Error of Angularity 容許角偏差 (°)	Error of Shaft End-play 容許軸向位差 (mm)	Mass** 質量 (g)
MFS-16C	0.3	0.6	9500	$2.8 \times 10^{-7}$	1°	±0.2	8.1
MFS-20C	0.5	1.0	7600	$7.5 \times 10^{-7}$	1°	±0.2	13.0
MFS-25C	1.1	2.2	6100	$2.2 \times 10^{-6}$	1°	±0.2	25.0
MFS-32C	2.0	4.0	4800	$8.1 \times 10^{-6}$	1°	±0.2	53.0
MFS-40C	5.0	10.0	3800	$1.9 \times 10^{-5}$	1°	±0.3	110.0
MFSS-16C	0.5	1.0	9500	$7.8 \times 10^{-7}$	1°	±0.1	21.0
MFSS-20C	1.0	2.0	7600	$2.1 \times 10^{-6}$	1°	±0.1	36.0
MFSS-25C	2.1	4.2	6100	$6.3 \times 10^{-6}$	1°	±0.2	70.0
MFSS-32C	3.5	7.0	4800	$2.2 \times 10^{-5}$	1°	±0.2	150.0

\*Max. Bore Moment of Inertia/最大孔徑時慣性矩

\*\*Max. Bore Mass/最大孔徑時質量

## Clamp type

● MFS-C



## Dimension

unit:mm

Product No 產品編號	A	L	W	Stock Bores 標準孔徑 D1×D2(公差 H8)		M
				Min D1	Max D2	
MFS-16C	16	6.8	18	5	6	M2.5
MFS-20C	20	7.6	20	5	8	M2.5
MFS-25C	25	9.5	25	5	10	M3
MFS-32C	32	12.6	32	8	14	M4
MFS-40C	40	15.8	40	8	16	M5
MFSS-16C	16	6.8	18	5	6	M2.5
MFSS-20C	20	7.6	20	5	8	M2.5
MFSS-25C	25	9.5	25	5	10	M3
MFSS-32C	32	12.6	32	8	14	M4

## When Ordering

When placing an order, make sure to include product no.  
And stock bores(both sides) of product.

## MFS-25C - Ø6 X Ø10

Product No    D1    D2