SFS－S－M－C SERVOFLEX

- **Design best suited to servo motors.**
  Shaft bores suiting servo motor shafts (tapered shafts) are drilled as a standard specification.
- **Compact design with built-in shaft fixing mechanism**
  A unique shaft fixing mechanism contained in flange hubs. Centering with the shaft accomplished simultaneously.
- **Easy Handling**
  The plate spring is a monoblock construction by caulking, allowing quick and correct mounting.

Specification

Model		SFS-06S-[]M-11C	SFS-06S-[]M-16C	SFS-08S-[]M-16C	SFS-09S-[]M-16C
Permissible Torque	〔N・m〕	40	40	80	180
Maximum Speed	〔r/min〕	5000	5000	5000	5000
Torsional Spring Constant	〔N・m/rad〕	29×10^{3}	29×10^{3}	83×10^{3}	170×10^{3}
Axial Spring Constant	〔N/mm〕	45	45	60	122
※1 Inertia	〔kg・m²〕	0.29×10^{-3}	0.34×10^{-3}	0.84×10^{-3}	1.5×10^{-3}
Maximum Permissible misalignment	Angular misalignment 〔°〕	1	1	1	1
	Axial Displacement 〔mm〕	±0.8	±0.8	±1.0	±1.2
※1 Mass	〔g〕	0.6	0.7	1.2	1.6

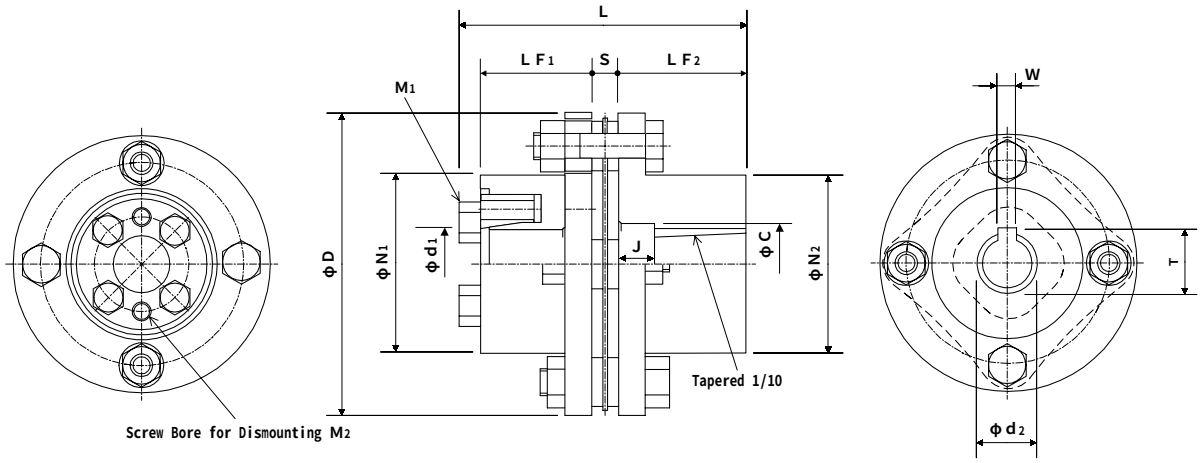
• Values marked ※1 are those when bore diameter is maximum.

■ Ordering Information : Specify

SFS－□ S －□ M－□ C

d1 Bore Diameter　d2 Tapered Diameter

Design Types and Dimensions



Model	SFS-06S-[]M-11C	SFS-06S-[]M-16C	SFS-08S-[]M-16C	SFS-09S-[]M-16C
d1	12・14・15	15	15・16・20・22	25・28
d2	11	16	16	16
W	$4^{+0.030}_{0}$	$5^{+0.030}_{0}$	$5^{+0.030}_{0}$	$5^{+0.030}_{0}$
T	$12.2^{+0.3}_{0}$	$17.3^{+0.3}_{0}$	$17.3^{+0.3}_{0}$	$17.3^{+0.3}_{0}$
C	18	28	28	28
J	9	10	10	10
D	68	68	82	94
N1	40	40	54	58
N2	30	40	40	40
L	60.8	75.8	80.8	82.8
LF1	25	25	30	30
LF2	25	40	40	40
S	6	6	6	8
M1	4-M5	4-M5	4-M6	6-M6
M2	2-M5	2-M5	2-M6	2-M6

• The recommended machining tolerance of the mate mounting shaft is h7.