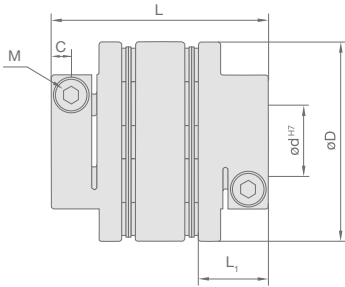
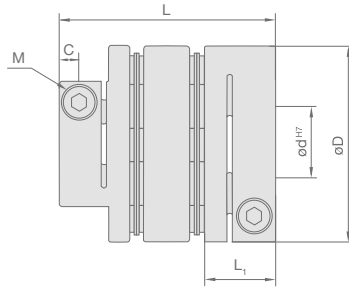


Double Flex

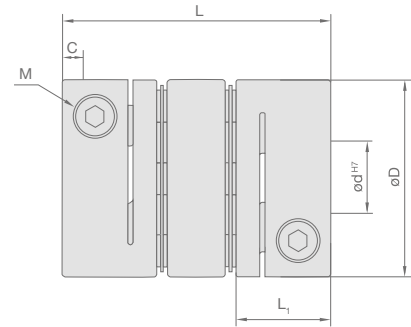
Type A



Type B



Type C



Specifications

Size	D mm	L mm	L ₁ mm	C mm	M	M _A Nm	Type*	m g	J kgm ² ×10 ⁻⁶	T _{KN} Nm	C _T Nm/rad	max rpm min ⁻¹	Misalignment		
													angular ¹ °	radial mm	axial mm
SFC-002D	12	15,7	5,9	1,9	M1,6	0,25	C	4	0,07	0,25	95	10.000	0,5	0,03	0,08
SFC-005D	16	23,2	7,85	2,5	M2	0,5	C	10	0,36	0,6	250	10.000	0,5	0,05	0,1
SFC-010D	19	25,9	9,15	3,15	M2,5	1	C	15	0,79	1	700	10.000	1	0,11	0,2
SFC-020D	26	32,3	10,75	3,3	M2,5	1	C	35	3,40	2	1.850	10.000	1	0,15	0,33
SFC-025D	29	32,8	10,75	3,3	M2,5	1	C	40	5,26	4	2.800	10.000	1	0,16	0,38
SFC-030D	34	37,8	12,4	3,75	M3	1,7	A	53	7,33	5	4.000	10.000	1	0,18	0,4
							B	61	9,39						
							C	69	11,45						
SFC-035D	39	48	15,5	4,5	M4	3,8	C	123	26,78	8	9.000	10.000	1	0,24	0,5
SFC-040D	44	48	15,5	4,5	M4	3,8	A	122	29,49	10	10.000	10.000	1	0,24	0,6
							B	136	36,05						
							C	151	42,61						

* Three different types of hub designs are available depending of the combination of bore diameters you use. For further information please have look into following table "bore diameters". Torsional stiffness values given are measured for the element only; The moment of inertia and mass are measured for the maximum bore diameter

M = Size of screw, M_A = Tightening torque, T_{KN} = Nominal torque, C_T = Torsional stiffness, m = Mass, J = Moment of inertia

Bore diameters

Size	d mm																						
	3	4	5	6	8	9	10	11	12	14	16	18	19	20	22	24	25	30	32	35	40	42	45
SFC-002D	■	■	■																				
SFC-005D	■	■	■	■																			
SFC-010D	■	■	■	■	■																		
SFC-020D		■	■	■	■	■	■																
SFC-025D				■	■	■	■	■	■	■													
SFC-030D					□	□	□	■	■	■													
SFC-035D					■	■	■	■	■	■	■												
SFC-040D						□	□	□	□	□	■	■	■										

- Choosing a coupling with these bore diameters the coupling is equipped with offset hubs for smallest possible moment of inertia (Type A);
- Choosing d1 and/or d2 with larger bore diameters than the ones marked with □, the Servoflex is equipped partially (Type B) or on both sides with solid hubs (Type C)

Combinations of different bore diameters are possible. Additionally bore diameters are available on request.

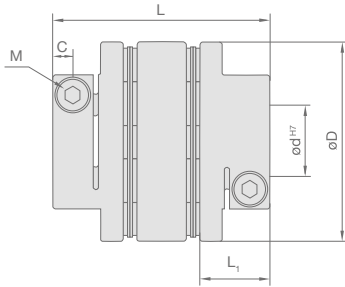
Ordering example:

SFC-030D Ø10 Ø12

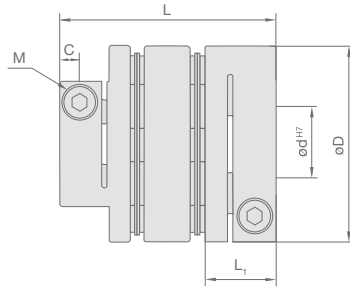
Servoflex size 030 Double Flex, bore 10 mm (offset clamp hub), 12 mm (solid clamp hub); Servoflex Type B

Double Flex

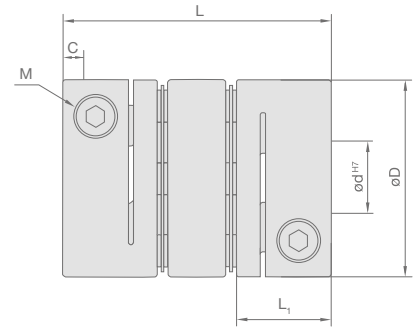
Type A



Type B



Type C



Specifications

Size	D mm	L mm	L ₁ mm	C mm	M	M _A Nm	Type*	m g	J kgm ² ×10 ⁻⁶	T _{KN} Nm	C _T Nm/ rad	max rpm min ⁻¹	Misalignment		
													angular ¹ °	radial mm	axial mm
SFC-050D	56	59,8	20,5	6	M5	8	A	246	96,94	25	16.000	10.000	1	0,28	0,8
							B	275	119,20						
							C	304	141,40						
SFC-055D	63	68,7	24	7,75	M6	14	C	459	265,00	40	25.000	10.000	1	0,31	0,84
SFC-060D	68	73,3	25,2	7,75	M6	14	A	440	252,40	60	35.000	10.000	1	0,34	0,9
							B	498	314,80						
							C	556	377,30						
SFC-080D	82	98	30	9	M8	28	C	1.051	1034,00	100	70.000	10.000	1	0,52	1,1
SFC-090D	94	98,6	30	9	M8	28	C	1.373	1776,00	180	50.000	10.000	1	0,52	1,3
SFC-100D	104	101,6	30	9	M8	28	C	1.707	2704,00	250	60.000	10.000	1	0,55	1,48

* Three different types of hub designs are available depending of the combination of bore diameters you use. For further information please have look into following table "bore diameters". Torsional stiffness values given are measured for the element only; The moment of inertia and mass are measured for the maximum bore diameter

M = Size of screw, M_A = Tightening torque, T_{KN} = Nominal torque, C_T = Torsional stiffness, m = Mass, J = Moment of inertia

Bore diameters

Size	d mm																						
	3	4	5	6	8	9	10	11	12	14	16	18	19	20	22	24	25	30	32	35	40	42	45
SFC-050D								□	□	□	□	□	□	■	■	■	■						
SFC-055D										■	■	■	■	■	■	■	■	■					
SFC-060D										□	□	□	□	□	□	□	■	■					
SFC-080D														■	■	■	■	■	■	■			
SFC-090D																	■	■	■	■	■	■	
SFC-100D																				■	■	■	■

□ Choosing a coupling with these bore diameters the coupling is equipped with offset hubs for smallest possible moment of inertia (Type A);

■ Choosing d1 and/or d2 with larger bore diameters than the ones marked with □, the Servoflex is equipped partially (Type B) or on both sides with solid hubs (Type C)

Combinations of different bore diameters are possible. Additionally bore diameters are available on request.

Ordering example:

SFC-050D Ø16 Ø20

Servoflex size 050 Double Flex, bore 16 mm (offset clamp hub), 20 mm (solid clamp hub); Servoflex Type B