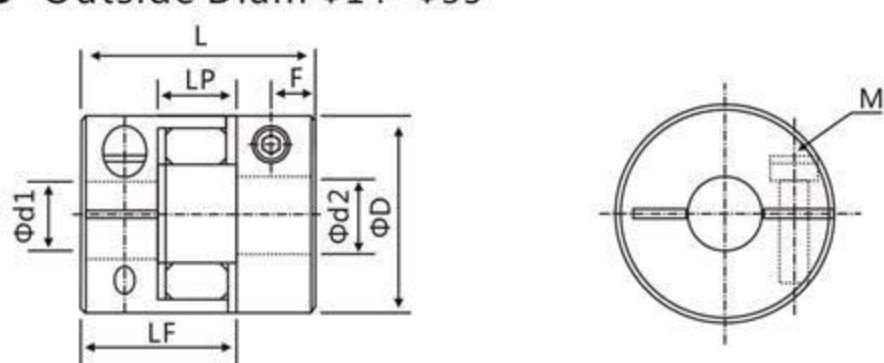


GFCS 45# steel plum flower Clamp series

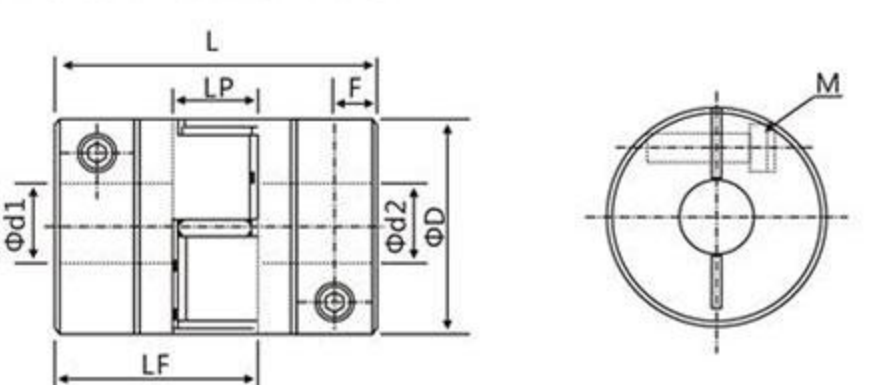
Features :

- > Bushings made of 45# steel
- > Zero backlash, Suitable for forward reverse
- > Colloid using TPU, with good abrasion resistance
Oil resistance and Insulation
- > Colloid can absorb vibration, parallel, angular misalignments and shaft end-play
- > Detachable design, Easy installation
- > Clamp type

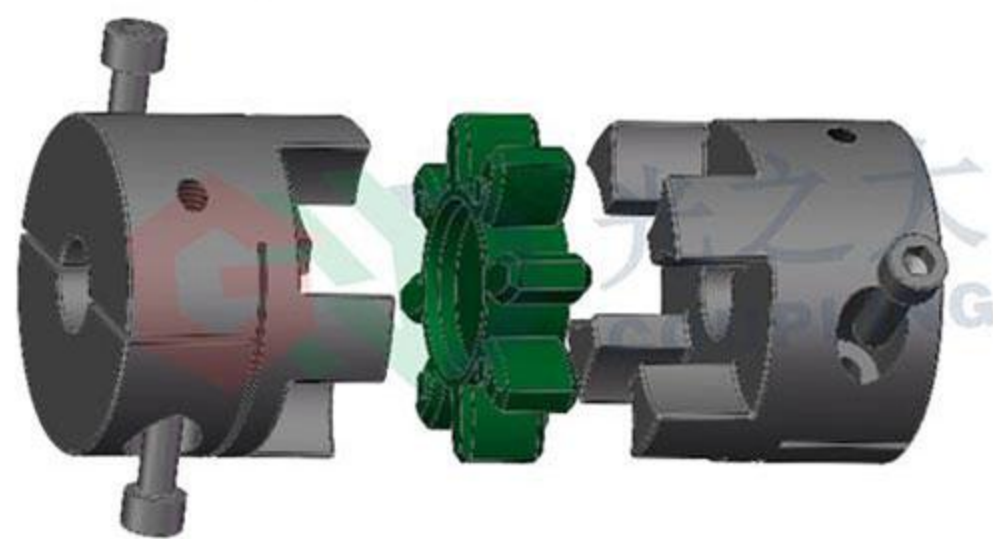
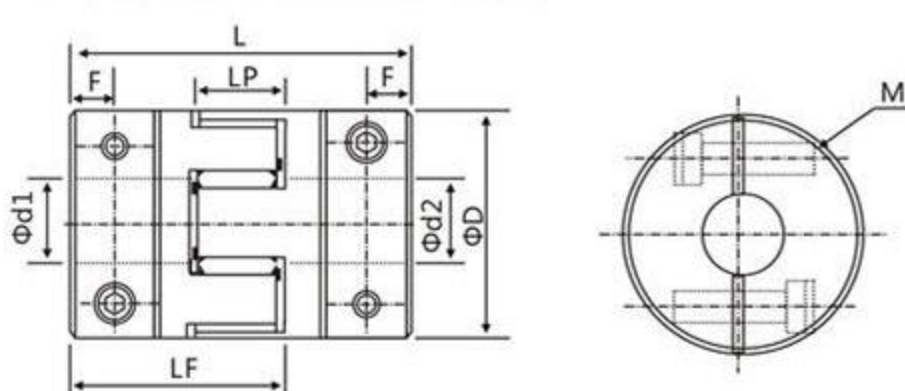
● Outside Diam $\Phi 14 \sim \Phi 35$



● Outside Diam $\Phi 40$



● Outside Diam $\Phi 55 \sim \Phi 120$



Example: GFCS - $\square \square \times \square \square$ - $\square \square \times \square \square$
Series Diameter Length d1Bore d2Bore

Example: GFCS-55 \times 78-16 \times 20
G:Guangzhida
F:Plum flower
C:Clamp
S: 45# Steel
55:Diameter
78:Length
16:d1 bore
20:d2 bore

Dimensions (unit : mm)

Parameter Model NO.	Common $\Phi d1, \Phi d2$ shaft diameter	ΦD	L	LF	LP	F	M	Wrench Torque (N.m)
GFCS-14 \times 22	3,4,5,6,6.35,7	14	22	14.3	6.6	3.8	M2.5	0.8
GFCS-20 \times 25	3,4,5,6,6.35,7,8,9,10,	20	25	16.8	8.6	4.6	M3	1.2
GFCS-20 \times 30	3,4,5,6,6.35,7,8,9,10,	20	30	19.25	8.6	5.4	M3	1.2
GFCS-25 \times 30	4,5,6,6.35,7,8,9,10,11,12	25	30	20.82	11.6	4.6	M4	2.5
GFCS-25 \times 34	4,5,6,6.35,7,8,9,10,11,12	25	34	22.82	11.6	5.6	M4	2.5
GFCS-30 \times 35	5,6,6.35,7,8,9,10,11,12,12.7,14,15,16	30	35	23	10.9	5.9	M4	2.5
GFCS-30 \times 40	5,6,6.35,7,8,9,10,11,12,12.7,14,15,16	30	40	25.6	10.9	7.0	M4	2.5
GFCS-35 \times 50	5,6,6.35,7,8,9,10,11,12,12.7,14,15,16,17,18,19	35	50	30.5	11.5	6.5	M5	5
GFCS-40 \times 50	6,8,9,10,11,12,12.7,14,15,16,17,18,19,20,22,24	40	50	32.1	13.7	6.7	M5	5
GFCS-40 \times 55	6,8,9,10,11,12,12.7,14,15,16,17,18,19,20,22,24	40	55	34.5	13.7	7.2	M5	5
GFCS-40 \times 66	6,8,9,10,11,12,12.7,14,15,16,17,18,19,20,22,24	40	66	40	13.7	8.0	M5	5
GFCS-55 \times 49	12,12.7,14,15,16,17,18,19,20,22,24,25,28,30,32	55	49	32	16.1	6.5	M6	8
GFCS-55 \times 78	12,12.7,14,15,16,17,18,19,20,22,24,25,28,30,32	55	78	46.4	16.1	10.3	M6	8
GFCS-65 \times 90	14,15,16,17,18,19,20,22,24,25,28,30,32,35,38,40	65	90	53.5	16.7	11.9	M8	20
GFCS-80 \times 114	17,18,19,20,22,24,25,28,30,32,35,38,40,42,45	80	114	68.0	22.5	15.5	M8	20
GFCS-95 \times 126	19,20,22,24,25,28,30,32,35,38,40,42,45,48,50,55	95	126	74.5	24.0	15.0	M10	40
GFCS-105 \times 140	20,22,24,25,28,30,32,35,38,40,42,45,48,50,55,60	105	140	83.2	26.4	21.0	M10	40
GFCS-120 \times 160	22,24,25,28,30,32,35,38,40,42,45,48,50,55,60,65	120	160	93.7	27.4	26.0	M12	75

Specifications

Parameter Model NO.	Rated Torque (N.m)*	Errors of Eccentricity (mm)*	Errors of Angularity ($^{\circ}$)*	Errors of Shaft end-play (mm)*	Max.Rotational Frequency (rpm)	Static Torsional Stiffness (N.m/rad)	Moment of Inertia (kg.m 2)	Bushings' material	Colloid' material	Surface treatment	Mass (g)
GFCS-14 \times 22	1.6	0.02	1	+0.6 0	19000	46	2.0×10^{-7}	45# Steel	TPU	blacken-ing	25
GFCS-20 \times 25	4.2	0.02	1	+0.6 0	17000	55	1.0×10^{-6}				34
GFCS-20 \times 30	4.2	0.02	1	+0.6 0	17000	55	1.1×10^{-6}				43
GFCS-25 \times 30	9	0.02	1	+0.6 0	16000	65	5.2×10^{-6}				68
GFCS-25 \times 34	9	0.02	1	+0.6 0	16000	65	5.2×10^{-6}				75
GFCS-30 \times 35	9.8	0.02	1	+0.6 0	12000	72	6.2×10^{-6}				114
GFCS-30 \times 40	9.8	0.02	1	+0.6 0	12000	72	6.2×10^{-6}				135
GFCS-35 \times 50	21	0.02	1	+0.6 0	10000	200	8.1×10^{-6}				185
GFCS-40 \times 50	48	0.02	1	+0.8 0	10000	450	3.8×10^{-5}				220
GFCS-40 \times 55	48	0.02	1	+0.8 0	10000	500	3.8×10^{-5}				289
GFCS-40 \times 66	48	0.02	1	+0.8 0	10000	550	3.9×10^{-5}				380
GFCS-55 \times 49	69	0.02	1	+0.8 0	8000	1200	1.6×10^{-3}				490
GFCS-55 \times 78	69	0.02	1	+0.8 0	8000	1500	1.6×10^{-3}				778
GFCS-65 \times 90	164	0.02	1	+0.8 0	6000	2800	3.8×10^{-3}				1329
GFCS-80 \times 114	200	0.02	1	+1.0 0	4600	3500	1.8×10^{-3}				2280
GFCS-95 \times 126	350	0.02	1	+1.0 0	3800	4500	2.0×10^{-3}				3300
GFCS-105 \times 140	580	0.02	1	+1.0 0	3400	5400	3.2×10^{-3}				5200
GFCS-120 \times 160	730	0.02	1	+1.0 0	3000	6500	4.5×10^{-3}	6400			

Moment of inertia and mass figures based on the maximum shaft bores