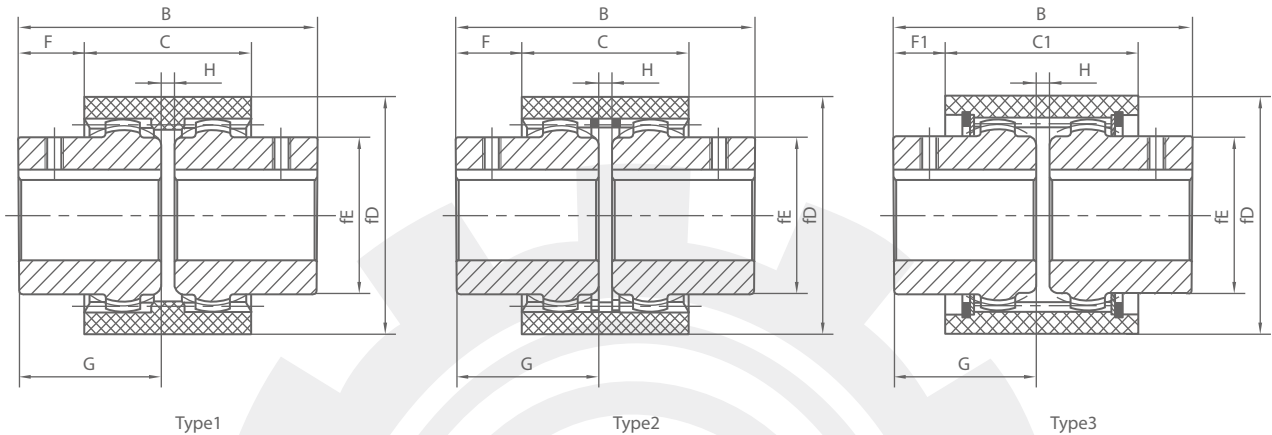


CAPT GF-Coupling

GF tooth coupling are widely used in variety mechanical engineering and hydraulic field. Suitable for horizontal and vertical installation. Axial shaft inserting assembly, which is very convenient for users. Adopting curve surface drum type tooth to avoid focal of stress when installation tolerances happen. Steel gear and nylon teeth sheath assembled together to avoid maintenance, which is capable to compensate axial, radial and angular tolerance in term of two shaft lines.



CAPT GF-coupling(standard series)(Type1 Type2)

Catalog	fundamental dimensions							Bore		Max Torque (Nm)	Max Revolution n(rpm)	Moment of inertia (kg.cm ²)	G (kg)
	D	E	B	C	F	G	H	Pilot	Max				
GF-14	41	25	51	38	6.5	23.5	4	6	14	23	14000	0.27	0.222
GF-19	48	32	55	38	8.5	25.5	4	8	19	37	12000	0.64	0.388
GF-24	52	36	57	42	7.5	26.5	4	10	24	46	10000	0.92	0.497
GF-28	68	45	86	48	19	41	4	10	28	103	8000	3.45	1.166
GF-32	75	50	84	48	18	40	4	12	32	138	7100	5.03	1.424
GF-38	85	58	84	50	17	40	4	14	38	176	6300	9.59	1.991
GF-42	95	63	88	50	19	42	4	20	42	220	6000	13.06	2.387
GF-48	100	68	104	50	27	50	4	20	48	308	5600	18.15	3.198
GF-55	120	82	124	65	29.5	60	4	25	55	570	4800	49.44	5.617
GF-65	140	95	144	72	36	70	4	25	65	840	4000	106.34	8.635

CAPT GF-coupling(standard series)(Type3)

Catalog	fundamental dimensions							Bore		Max Torque (Nm)	Max Revolution n(rpm)	Moment of inertia (kg.cm ²)	G (kg)
	D	E	B	C1	F1	G	H	Pilot	Max				
GF-24	52	36	57	52	2.5	26.5	4	10	24	46	10000	0.92	0.497
GF-28	68	45	86	58	14	41	4	10	28	103	8000	3.45	1.166
GF-32	75	50	84	58	13	40	4	12	32	138	7100	5.03	1.424
GF-38	85	58	84	62	14	40	4	14	38	176	6300	9.59	1.991
GF-42	95	63	88	62	14	42	4	20	42	220	6000	13.06	2.387
GF-48	100	68	104	66	14	50	4	20	48	308	5600	18.15	3.198
GF-55	120	82	124	81	15	60	4	25	55	570	4800	49.44	5.617
GF-65	140	95	144	88	15	70	4	25	65	840	4000	106.34	8.635

Keyway dimensions conform to DIN 6885, JIS B 1310-1976, UNI 6604-1969, GB 1095-1979 standards.

CAPT GF-Coupling

CAPT GF-coupling(lengthen series)(Type1 Type2)

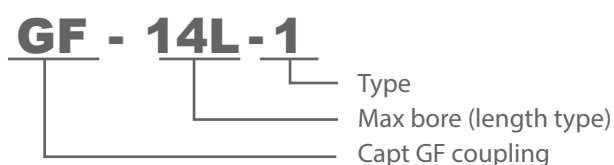
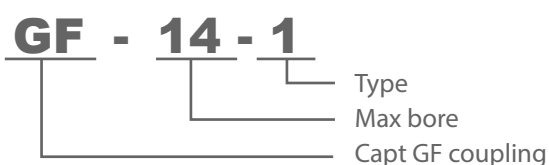
Catalog	fundamental dimensions							Bore		Max Torque (Nm)	Max Revolution (rpm)	Moment of inertia (kg.cm ²)	G (kg)
	D	E	B	C	F	G	H	min	max				
GF-14L	41	25	64	38	13	30	4	6	14	23	14000	0.32	0.282
GF-19L	48	32	84	38	23	40	4	8	19	37	12000	0.9	0.588
GF-24L	52	36	104	42	31	50	4	10	24	46	10000	1.7	0.877
GF-28L	68	45	124	48	38	60	4	10	28	103	8000	5.1	1.666
GF-32L	75	50	124	48	38	60	4	12	32	138	7100	7.68	2.044
GF-38L	85	58	164	50	57	80	4	14	38	176	6300	17.45	3.791
GF-42L	95	63	224	50	87	110	4	20	42	220	6000	32.15	5.707
GF-48L	100	68	224	50	87	110	4	20	48	308	5600	42.9	6.618
GF-55L	120	82	224	65	79.5	110	4	25	55	570	4800	92.97	13.597
GF-65L	140	95	224	72	76	140	4	25	65	840	4000	211.84	16.435

CAPT GF-coupling(lengthen series)(Type3)

Catalog	fundamental dimensions							Bore		Max Torque (Nm)	Max Revolution (rpm)	Moment of inertia (kg.cm ²)	G (kg)
	D	E	B	C1	F1	G	H	Pilot	Max				
GF-24L	52	36	104	52	26	50	4	10	24	46	10000	1.7	0.877
GF-28L	68	45	124	58	33	60	4	10	28	103	8000	5.1	1.666
GF-32L	75	50	124	58	33	60	4	12	32	138	7100	7.68	2.044
GF-38L	85	58	164	62	52	80	4	14	38	176	6300	17.45	3.791
GF-42L	95	63	224	62	82	110	4	20	42	220	6000	32.15	5.707
GF-48L	100	68	224	66	82	110	4	20	48	308	5600	42.9	6.618
GF-55L	120	82	224	81	71.5	110	4	25	55	570	4800	92.97	13.597
GF-65L	140	95	224	88	68	140	4	25	65	840	4000	211.84	16.435

Keyway dimensions conform to DIN 6885, JIS B 1310-1976, UNI 6604-1969, GB 1095-1979 standards.

Expressing method:



CAPT GF-Coupling

Conceptual diagram for installing error



Catalog	Parallel misalignment	angular misalignment	Shaft End-play
GF-14	0.7	$\pm 2^\circ$	± 1
GF-19	0.8	$\pm 2^\circ$	± 1
GF-24	0.8	$\pm 2^\circ$	± 1
GF-28	1.0	$\pm 2^\circ$	± 1
GF-32	1.0	$\pm 2^\circ$	± 1
GF-38	0.9	$\pm 2^\circ$	± 1
GF-42	0.9	$\pm 2^\circ$	± 1
GF-48	0.9	$\pm 2^\circ$	± 1
GF-55	1.2	$\pm 2^\circ$	± 1
GF-65	1.3	$\pm 2^\circ$	± 1

Direction for Installation:

When installing couplings, get shaft face parallelized gear face, guarantee slot existing between two gears or external length needed for installation and also radial eccentricity, angular and axial deviation should be ensured within allowed values.

