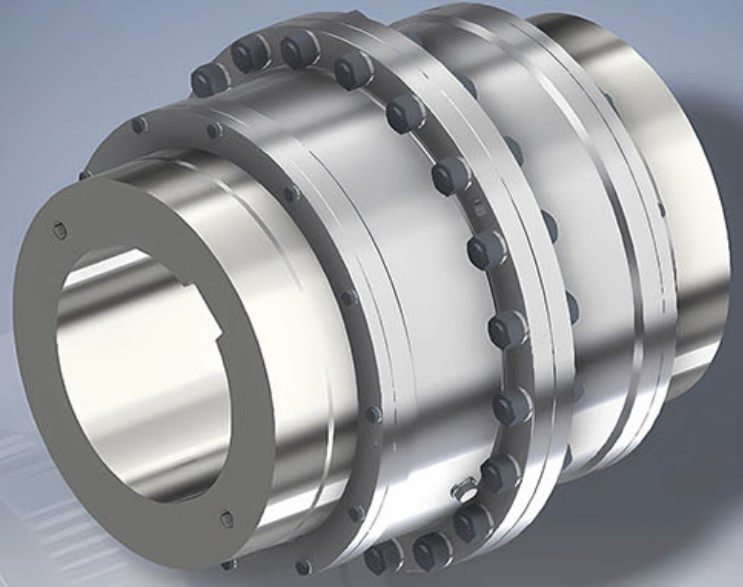
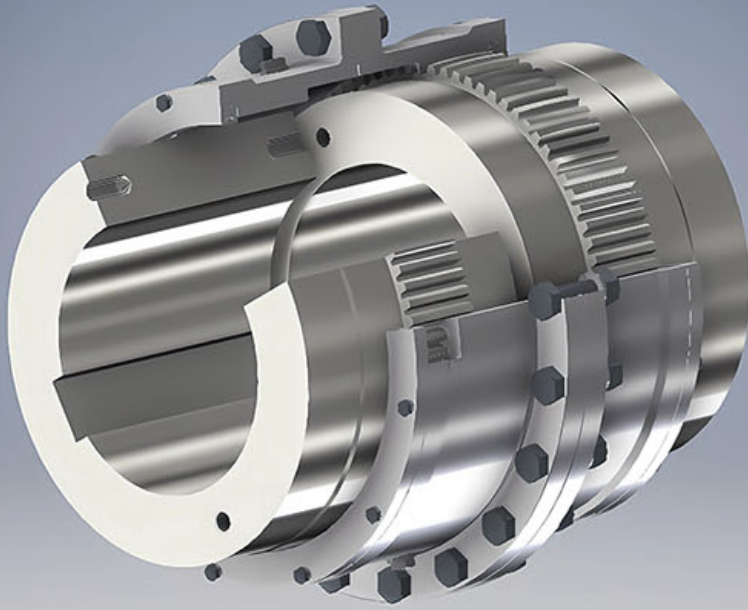


FORMOSA

FORMOSA HEAVY INDUSTRIES CORP

GEAR COUPLING



GREAT THINGS. SMALL BEGINNINGS

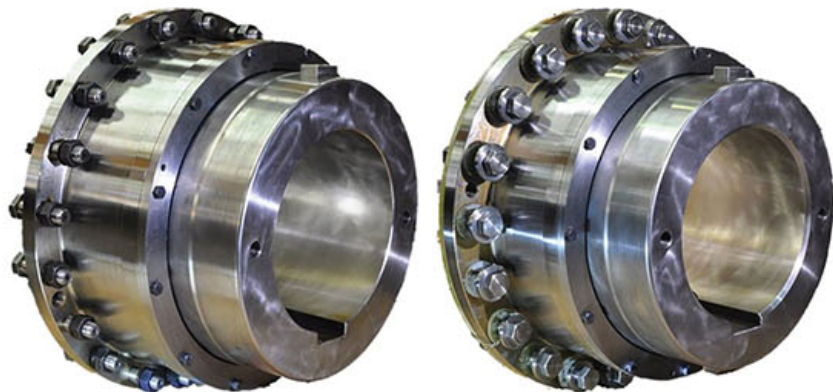


緣起微小、造就美好



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Introduction

Established in 1980, Formosa Heavy Industries (FHI) Gear Division introduced advanced technology from Germany, and has since become a leading manufacturer of gear products.

Many years of experience in the industry have enabled us to develop gear couplings that provide excellent solutions for a variety of applications and operating conditions.

FHI's strengths lie in strong design capabilities, use of high-quality materials, excellent process planning, and strict quality standards.

We are dedicated to maintaining the highest standards of quality and reliability throughout the entire production process.

Our gear couplings are designed to provide reliable and efficient power transmission.

The products have been widely applied in various industries and have demonstrated exceptional performance.

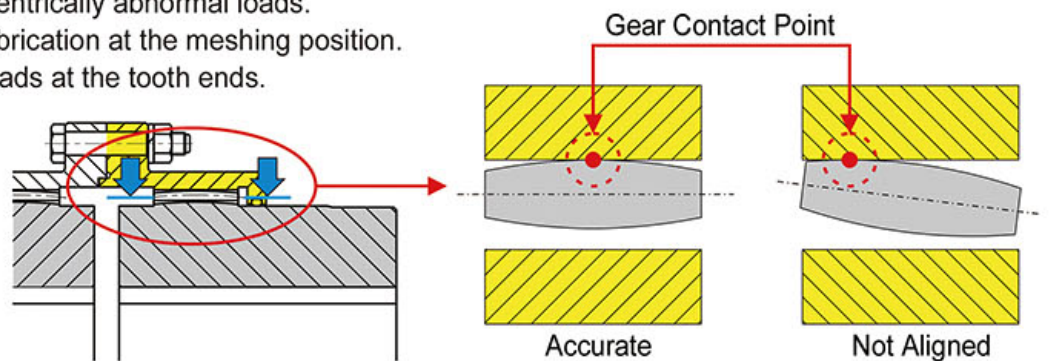
If you are looking for a reliable and high-quality gear coupling solution for your business, FHI Gear Couplings are an excellent choice for you.

Features

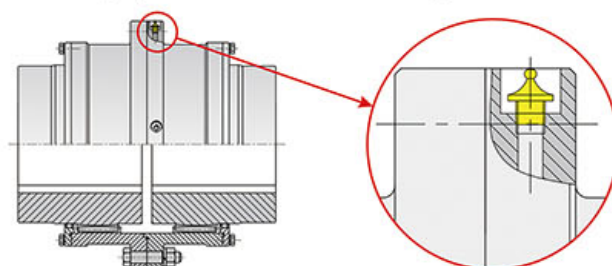
1. Designed with high-quality materials, including JIS standard reinforced steel, ensuring lifespan.
2. Precisely machined reamer bolts and highstrength nuts , withstand specified high load conditions with certain locking torque.
3. Strict production process planning and heat treatment, coupled with imported precision machining equipment.
4. Crowned tooth , accommodate certain amount of misalignment at the equipment connection, avoid breaking caused by certain displacement.

When Functioning:

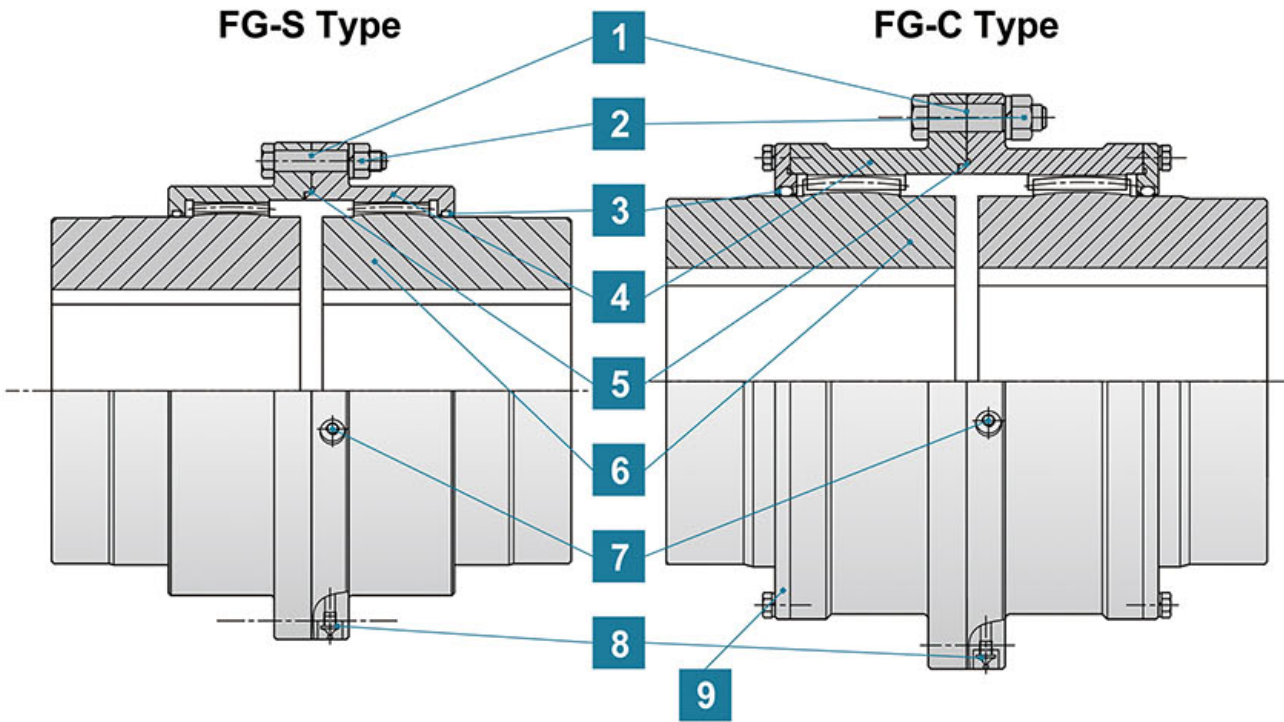
- a. Absorb eccentrically abnormal loads.
- b. Optimize lubrication at the meshing position.
- c. Eliminate loads at the tooth ends.



5. Additionally, for certain sizes (O.D. 280mm or above) feature a grease filling nipple design, allows for convenient control of the grease filling speed and amount, saving time for manual grease adding.



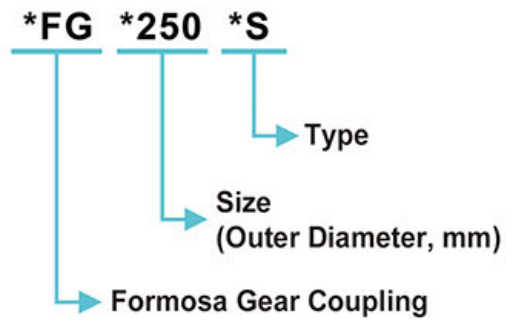
Main Structure



Item	Name	Material Designation
1	Reamer	SCM440
2	Bolt Nut	Grade 8
3	O-Ring	NBR
4	Gear Sleeve	S45C
5	O-Ring	NBR
6	Gear Hub	S45C
7	Grease Outlet Plug	SCM435
8	Grease Nipple	Brass
9	Cover	A36

*1. Item #9 "cover" only exist for O.D. \geq 450 mm(FG-C type).
 2. Grease plug #7 and nipple #8 are 180° diagonal arrangement.

Order Code





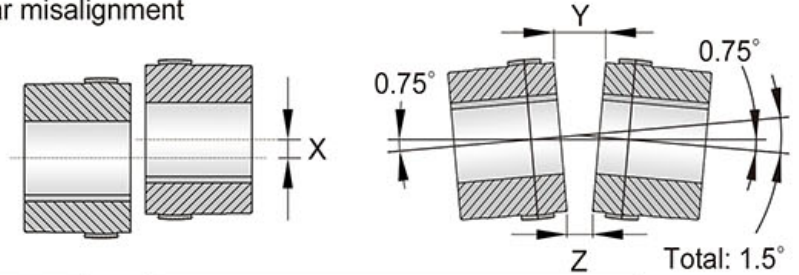
Misalignment Capacity

The misalignment can be caused by human or natural factors such as improper alignment during installation, equipment deformation due to temperature increase after operation, equipment displacement or changes in elevation.

Despite the maximum capacity, due to machining tolerance, accurate alignment per page 9's "Installation" instructions is strongly recommended for longer lifespan.

Permissible types of misalignment include:

1. Parallel : "X" In the table below.
2. Angular : The Maximum limit are based on 0.75° per half hub, converted to distance "Y minus Z"
3. Combined parallel and angular misalignment



Theoretical Misalignment					
Size	X	Y-Z	Size	X	Y-Z
104	0.5	1.15	450	2.35	7.55
116	0.55	1.55	500	2.70	8.90
127	0.60	1.80	527	2.50	9.40
140	0.60	2.0	560	2.80	10.05
160	0.60	2.45	630	3.40	11.85
180	0.65	2.70	710	3.55	12.75
200	0.78	2.85	800	4.0	14.40
224	0.85	3.50	900	4.5	16.20
250	0.90	4.15	1000	5.0	17.55
280	1.0	4.80	1120	6.15	21.80
315	1.45	5.45	1250	6.25	22.45
355	1.70	6.25	1400	7.0	25.20
400	1.74	7.30	1600	8.0	31.10

Recommended Installation Limit					
Size	X	Y-Z	Size	X	Y-Z
104	0.05	0.10	450	0.19	0.64
116	0.05	0.13	500	0.22	0.75
127	0.05	0.15	527	0.22	0.79
140	0.05	0.17	560	0.23	0.85
160	0.05	0.20	630	0.28	1.0
180	0.06	0.22	710	0.30	1.08
200	0.07	0.24	800	0.34	1.22
224	0.07	0.29	900	0.38	1.37
250	0.08	0.35	1000	0.42	1.49
280	0.09	0.40	1120	0.52	1.85
315	0.12	0.46	1250	0.53	1.90
355	0.14	0.53	1400	0.59	2.14
400	0.15	0.62	1600	0.68	2.64

How to Select

1. Calculate **System Torque** = $\frac{\text{Power (kW)} \times 974 \times 9.8}{\text{Speed(RPM)}}$
2. Determine Service Factor **[KA]**:
 - a. Check load group from Table.1 , Find application factor **[K1]** from Table.2 , based on system condition.
 - b. Find duty factor **[K2]** from Table.3
 - c. Service Factor **[KA] = [K1] x [K2]**
3. Rating Torque : **[Rating Torque] = [System Torque] x [KA]**
4. Size Selection :Choose type and size from page 12~15.

*The **[Basic Torque]** of selected coupling should exceed **[Rating Torque]** of system.
5. Bore Size :Check if the shaft diameter exceed **[Max. Bore]** of the selected size.
6. Max. Rotational Speed :Check if the running speed exceed the selected **[Max. speed]**.
7. System Dimensions :Consider dimensions of shaft gap, shaft extension, keyway size and other system components.
8. If you have any problem on selection , please contact FHI , refer to information on the last page.

Selection Example 1 :

Select a coupling to connect a metal-working shear system with 800 kW motor, 150mm output shaft diameter, to a gear reducer with 170mm input shaft diameter, rotational speed 900 RPM.

Operation condition : 12 hours per day , Starts : 1 per hour , Duty period : per hour 100%

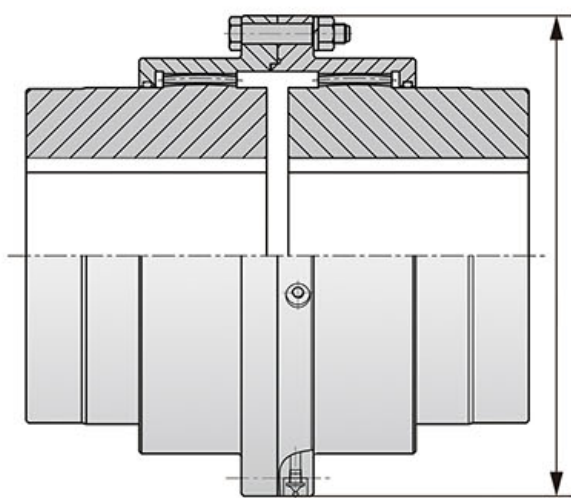
1. Calculation : System Torque : $(800 \text{ kW} \times 974 \times 9.8) / 900 \text{ RPM} = 8,485 \text{ N-m}$
Application factor $K1 = 1.5$ (Table.1 , Table.2) , duty factor $K2 = 1.25$ (Table.3)
 $KA = 1.5 \times 1.25 = 1.875 \Rightarrow$ Rating Torque = $1.875 \times 8,485 = 15,909 \text{ N-m}$
2. Size selection : From page 13 , the basic torque of type FG-S size 280 is 22,883 N-m, which exceed [Rating torque] of system, but the [Max.Bore] is 135 mm, which do not meet the required shaft diameter 170mm. Instead, choosing FG-S size 355 meets the requirement.
3. Check : [Max. speed] of size 355: 2,150 RPM > 900RPM \Rightarrow Selection OK
Check other dimensions if needed. (Order code: FG355S)

Selection Example 2 :

Select a coupling to connect a plastic mixer system with 15,000 kW motor, 300mm output shaft diameter, to a gear reducer with 300mm input shaft diameter, rotational speed 1,200 RPM.

Operation condition : 20 hours per day , Starts : 1 per hour , Duty period : per hour 100%

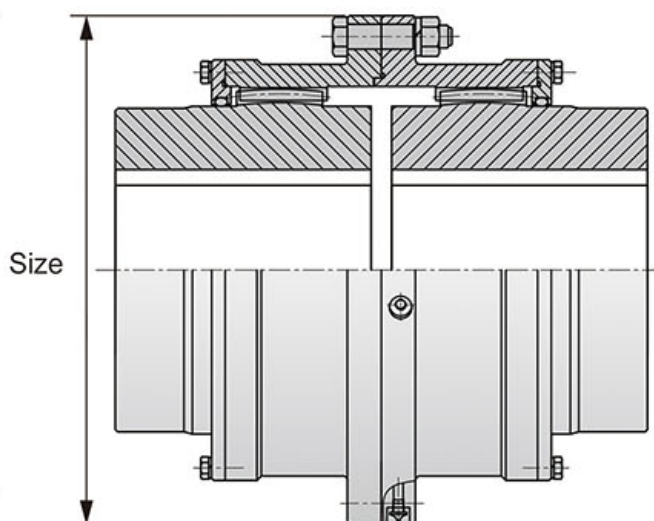
1. Calculation : System Torque : $(15,000 \text{ kW} \times 974 \times 9.8) / 1,200 \text{ RPM} = 119,315 \text{ N-m}$
Application factor $K1 = 1.25$ (Table.1 , Table.2) , duty factor $K2 = 1.25$ (Table.3)
 $KA = 1.25 \times 1.25 = 1.563 \Rightarrow$ Rating Torque = $1.563 \times 119,315 = 186,489 \text{ N-m}$
2. Size selection : From page 15 , the basic torque of type FG-C size 560 is 250,000 N-m , which exceed [Rating torque] of system, but the [Max.Bore] is 280 mm, which do not meet the required shaft diameter 300mm. Instead, choosing FG-C size 630 meets the requirement.
3. Check : [Max. speed] of size 630: 1,200 RPM \Rightarrow Selection OK
Check other dimensions if needed. (Order code: FG630C)



For size from 104 to 400 (mm)

Torque range from 400 to 77,000(N-m)

see page 12,13



For size from 450 to 1600 (mm)

Torque range from 100,000 to 6,500,000(N-m)

see page 14,15



Table 1. Driven Machine Load Group Number

1. Elevator		Tin skimming gate	2	8. Generator		Converter	3
Load elevator	3	Coal shearing machine	4	Frequency-transformer	2	Tipping mixer	2
Passenger elevator	4			Heating generator	2	Steel conveying car	2
Oblique elevator	2			Welding generator	3	Continuous driving pulley	2
		5. Chemical Machine					
		Calender	4				
2. Excavator		Reactor drive	3			13. Compressor	
Bucket chain excavator	4	Liquid static agitator	2	9. Rubber Plastics Machine		Axial compressor	1
Runner drive	3	Liquid variable agitator	4	Extruder	3	Rotary piston compressor	2
Railer drive	2	Spin nozzle	2	Calender	4	Piston compressor	3
Cable excavator	3	Drum drier	3	Squeezer	3		
Shovel excavator	4	Centrifuger	3	Mixer	3		
Suction pump excavator	4	Atomizer	2	Rolling mill	3		
Cutting edge head drive	5			Crusher	4	14. Metal-Working Machine	
Scoop wheel excavator	3	6. Conveyor				Bending machine	3
		Rubber belt conveyor	2	10. Hoist-Crane		Cutting machine	2
		Belt elevator	2	Drawing table	2	Wiring machine	2
		Overhead trolley	2	Driving gear	3	Hammer	4
3. Building Machine		Chain bucket elevator	2	Hoisting gear	2	Press	4
Concrete mixer	3	Pan conveyor	3	Tumbler gear	2	Forging press	4
Brick die-form	4	Table roller	1	Tilting table	2	Shear	4
Tile die-form	4	Worm conveyor	2				
Cement pipe diepress	4			11. Wood Working Machine		15. Food Machine	
				Planing machine	2	Removal machine	1
4. Mining Machine		7. Blower, Fan		Wood working machine	2	Squeezing machine	2
Sink conveying machine	2	Rotary blower	3	Sawing machine	3	Packing machine	1
Crushing plant	4	Axial-radial blower	1			Atomizer	2
Briquetting machine	4	Cooling tower fan	2			Sugar crusher	5
Winch	3	Induced draft fan	2			Sugar cutter	4
Coal mill	4	Turbo-fan	2	12. Metallurgical Industry		Sugar grinder	5
Cinder rotary furnace	3			Furnace hoist	2	Sugar washer	3
Cinder conveyor	3			Blast furnace blower	1		



16. Paper Machine		19. Stone Soil Cement		Reel	2		
Coacher	4	Breaker	5	Table roller	2		
Smooth cylinder	4	Rotary furnace	3	Straight machine	3		
Wood cutter	3	main drive		Shear	4		
Wood grinder	5	Rotary furnace	1	Conveyor	2		
Calender	4	auxiliary drive		Cooling bed drive	2		
Wet press	4	Hammer grinder	4	Shifting device	5		
Baking cylinder	3	Ball mill-pipe mill	4	Roller adjuster	2		
		Main drive	1	Plate reverser	3		
		Auxiliary drive					
17. Pump		Grain plate	3				
Drainage pump	2	Cooler drive	2				
Single-acting piston pump		Sinter drive	2				
1.&2. Cylinder	4	Roller mill	5				
Double-acting piston pump							
1.Cylinder	4	20. Textile Machine					
2. & more cylinder	3	General	1				
Plinger pump	3						
Centrifugal pump	1	21. Roller Work					
Gear pump		Main drive	4				
Incompressible fluid	1	Strip roller	4				
Compressible fluid	3	Block and slab roller	6				
Mud pump	3	Wire rod mill	3				
Feed water pump	2	Micrometer rolling train	4				
Delivery pump	2	Heavy plate rolling train	6				
18. Rope Trolley		Cold roller	3				
Main drive for passenger	4	Billet rolling train	5				
Auxiliary&reserve drive for load	1	Medium die-sink rolling train	4				
		Auxiliary drive					
		Block pusher	5				
		Block transporter	5				



Table 2. Application Factor K_1

Load Group Number of Driven Machine	Driving Group			
	I	II	III	IV
Table 1.	E-motor: Starting torque <2 times normal starting torque & starting frequency < 5/hr.	E-motor: Starting torque > 2 times normal starting torque & starting frequency > 5/hr.	Piston Machine > 2 cylinder	Piston Machine < 2 cylinder
	Gas Turbine	Hydraulic Motor	Water Turbine	
	Steam Turbine			
1	1.00	1.25	1.50	1.60
2	1.12	1.50	1.60	
3	1.25	1.60	1.75	2.00
4	1.50	1.75		
5	1.60	2.00	2.25	2.50
6	1.75	2.25		

Table 3. Duty Factor K_2

Operating hr. every day	<1/2	1/2~3	3~10	10~24
Operating hr. every year	~200	200~1,000	1,000~3,600	3,600~8,600
K_2	※	0.8	1.0	1.25

※ According to operating condition

Installation

Step 1:

All components should be cleaned thoroughly.

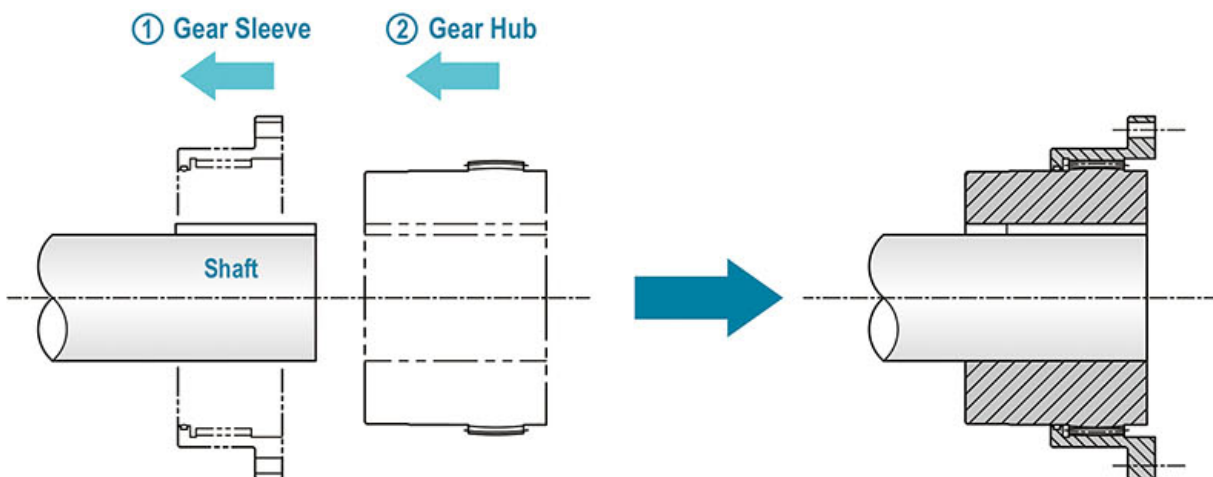
Impurities inside the gear coupling can accelerate wear at the meshing point. Use non-flammable solvents to clean the parts and avoid using solvents that may dissolve the O-ring.

Step 2:

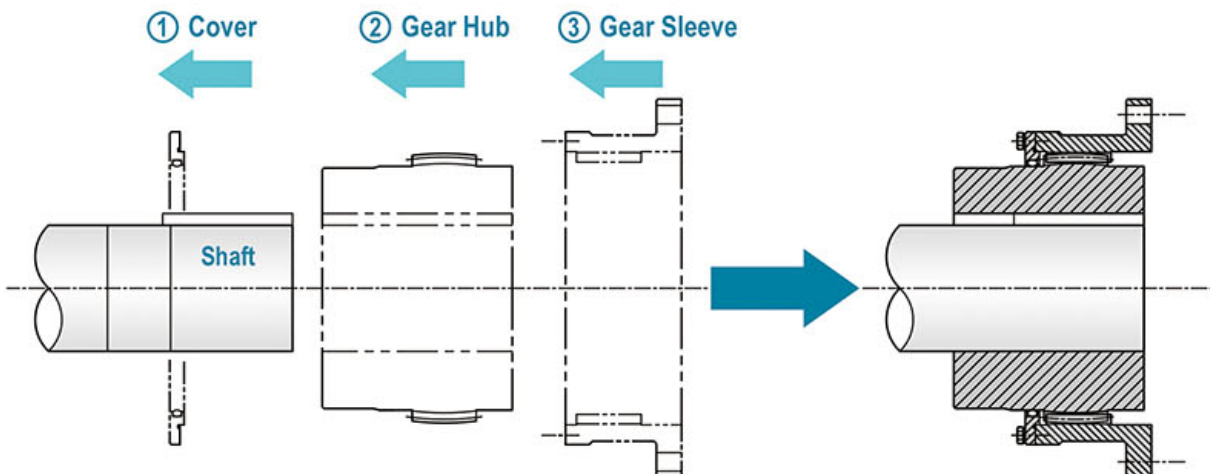
Based on structures, before installing the hub, move sleeve and its corresponding O-ring onto the shaft.

Then install the hub onto the shaft (for FG-C Type, place the cover before installing the hub). To prevent oil leakage, apply leak-proof adhesive to the keyway before installing the hub onto the shaft.

FG-S Type



FG-C Type





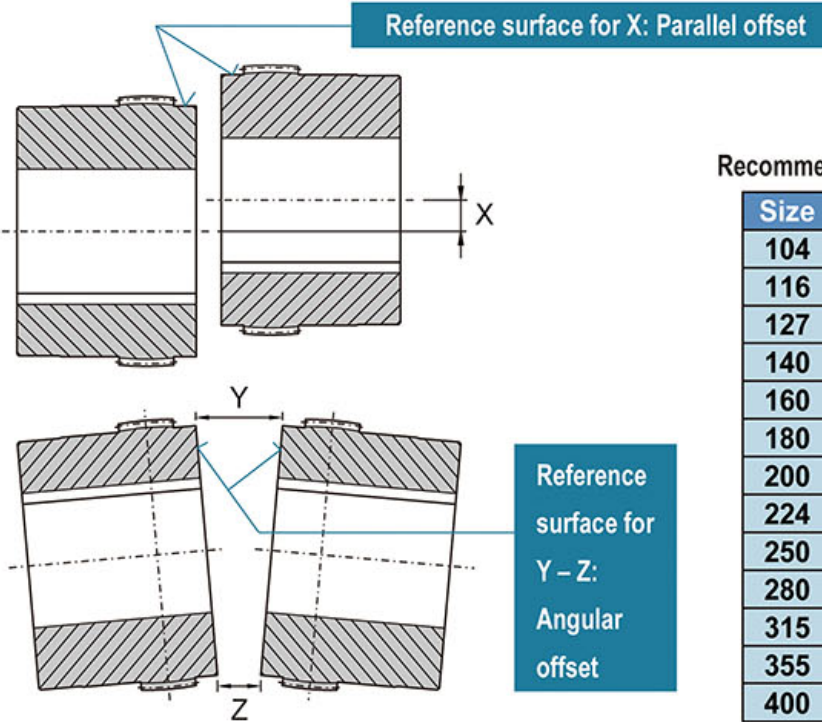
Installation

Step 3:

HUBs should be aligned concentrically. Refer to the reference surface shown in the diagram and use gauges to align the components according to the values in table below.

Advantages of correct alignment:

1. Prolonged coupling lifespan with minimum maintenance
2. Reduced bending moments and radial forces associated with misalignment
3. Enforce the capacity for drive systems to tolerate inevitable alignment shifts.

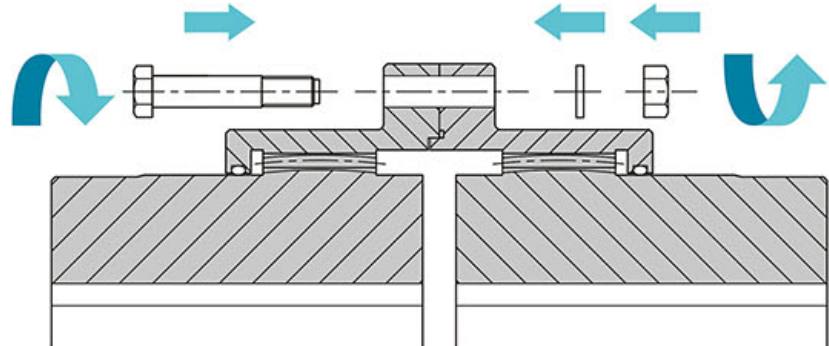


Recommended offset limit for Installation (mm)

Size	X	Y-Z	Size	X	Y-Z
104	0.05	0.10	450	0.19	0.64
116	0.05	0.13	500	0.22	0.75
127	0.05	0.15	527	0.22	0.79
140	0.05	0.17	560	0.23	0.85
160	0.05	0.20	630	0.28	1.0
180	0.06	0.22	710	0.30	1.08
200	0.07	0.24	800	0.34	1.22
224	0.07	0.29	900	0.38	1.37
250	0.08	0.35	1000	0.42	1.49
280	0.09	0.40	1120	0.52	1.85
315	0.12	0.46	1250	0.53	1.90
355	0.14	0.53	1400	0.59	2.14
400	0.15	0.62	1600	0.68	2.64

Step 4:

Before installing the sleeve, make sure that the gear contact surface is covered with grease. Install the sleeve and tighten the reamer bolts according to the required torque. See Table. 4 tightening torque.



Step 5:

Remove the grease output plug, then use grease fitting to add additional grease from the grease nipple until it is overflowing. Re-install the grease output plug. See Table. 5 recommended grease.

Table 4: The Tightening Torque of Bolt

Bolt Size	Tension Force F (kN)	Tightening Torque T (N-m)
M10	26.6	62.8
M12	38.7	108
M14	53.0	177
M16	73.6	270
M18	88.8	383
M20	115	530
M22	142	706
M24	166	912
M27	217	1373
M30	264	1815
M36	307	3247
M42	532	5209
M48	699	7868

Fig.2 Grease Input/Output position

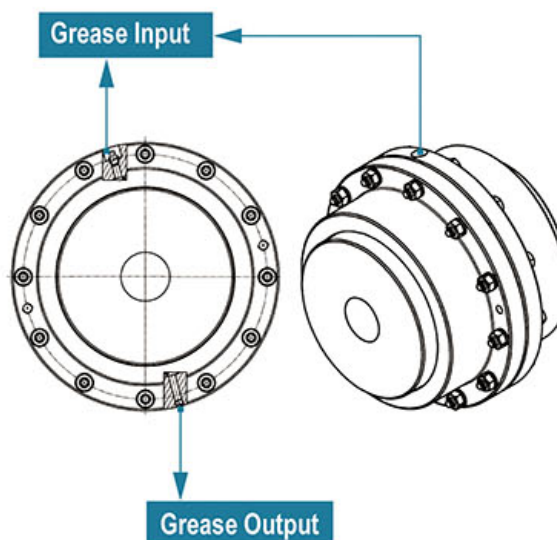


Table 5. Recommended Grease

Grease Vendor	ARAL	BP	KLÜBER	MOBIL	SHELL	TEXACO	CPC
Bearing Grease	Aralub HL3	Energreas-E LS3	BEM 41-132	Mobilgrease XHP 222	Alvania R2	Multifak 2	Lithium EP 2

Maintenance

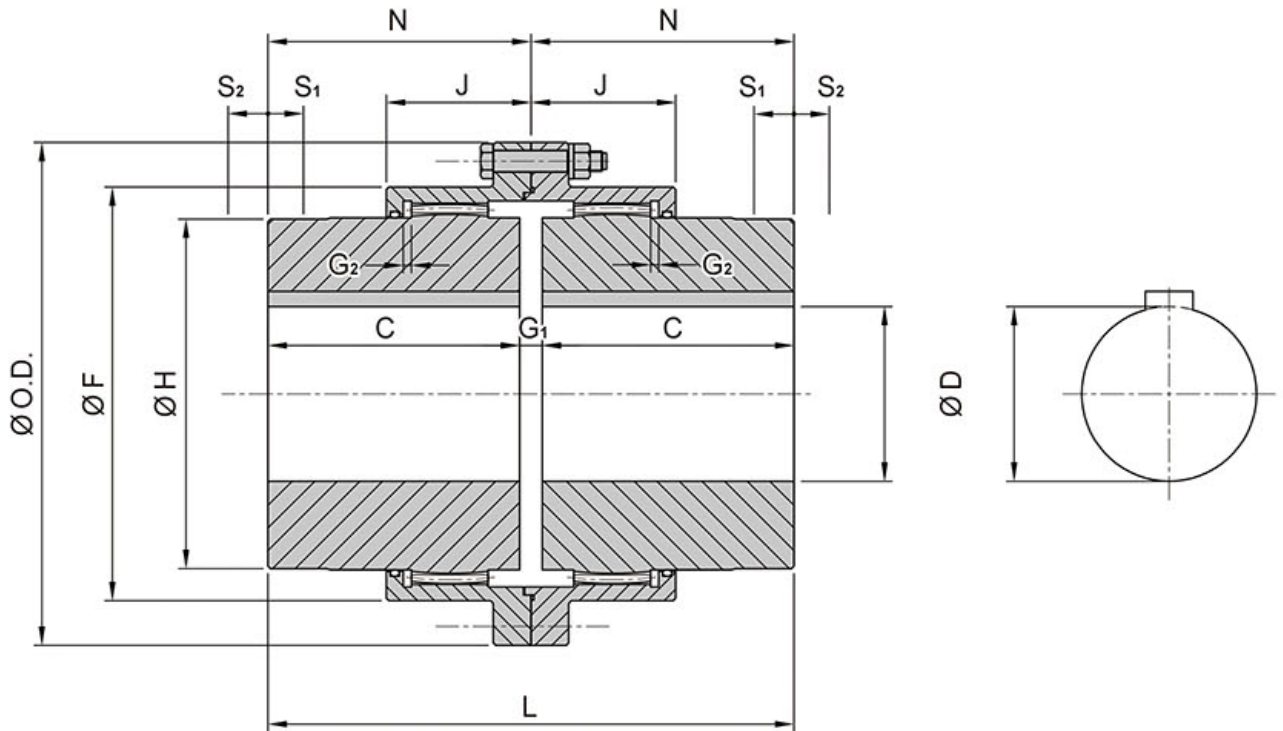
Proper maintenance is essential to ensure longevity and reliable performance. Instructions to follow:

1. Change grease regularly: Change the grease three months after the start of use and every six months thereafter. This will ensure gear stays lubricated and performs optimally.
2. Inspect for damage: Inspect tooth damage, O-ring deterioration, grease purity, and quantity loss. If any of these issues are detected, address them promptly to prevent further damage.
3. Examine vibration and noise: Regularly examine the equipment while in use for unusual vibrations or noises. These could be signs of impending failure, and immediate attention is required.
4. Check for lubricant leakage: Check the equipment regularly for lubricant leakage. Leaks could indicate a problem with the seals or other components and must be addressed promptly.

By following these instructions, you can keep your gear coupling in good condition, extend its lifespan, and prevent costly repairs or replacements.



Gear Coupling FG-S Type



Dimensions (mm)

Size	Bore	Dimensions										Lubricant Capacity [l]	Weight [kg]	GD ² [kgf-m ²]
		O.D.	Max/Min D	L	C	G ₁	H	F	J	N	G ₂			
104	30 / 17	98	45	8	44	68	39	49	2	3	11	0.04	3.1	0.012
116	40 / 17	108	50	8	59	80	41	54	2	1	14	0.055	4.5	0.055
127	50 / 20	134	63	8	69	92	45	67	2.5	7	9	0.072	6.6	0.039
140	56 / 20	150	71	8	79	107	48	75	2.5	10	8	0.11	9.2	0.0619
160	65 / 20	170	80	10	95	120	52	85	3	12	7	0.14	14	0.115
180	75 / 30	190	90	10	105	134	55	95	3	16	4	0.18	20	0.190
200	85 / 30	210	100	10	108	149	60	105	3	19	4	0.24	23	0.296
224	100 / 40	236	112	12	132	174	65	118	4	25	1	0.36	34.2	0.563
250	115 / 40	262	125	12	156	200	75	131	4	27	2	0.53	51.5	1.06
280	135 / 40	294	140	14	182	224	80	147	4.5	30	-1	0.69	77.9	1.93
315	160 / 100	356	170	16	213	260	100	178	5.5	31	3	1.1	108	4.23
355	180 / 125	396	190	16	238	288	110	198	5.5	32	3	1.3	141.7	7.33
400	200 / 140	418	200	18	278	329	115	209	6.5	38	1	2.0	198.6	13

Note : 1.Ordering Example: When choosing **FG-S Type, O.D.=250 mm**, order code is **FG250S**.

2.Weight and GD² are based on solid shaft without bore.

3.The bore size can be informed in advance for machining before delivery.

4.S₁ : Coupling Case position for alignment.

S₂ : Coupling Case position for tooth inspection.



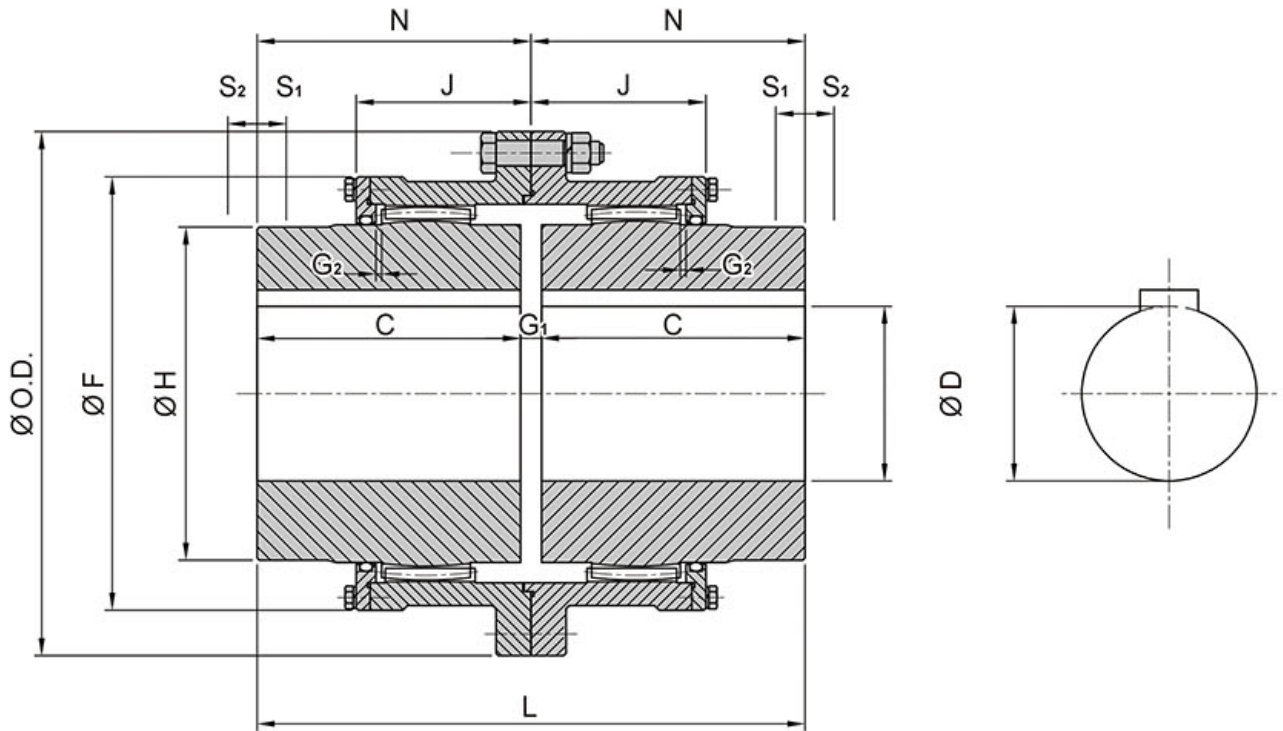
Gear Coupling FG-S Type

Transmission Torque

Size	Bore	Max. Speed [rpm]	Basic Torque [N-m]	Rotational Speed [rpm]										
				100	200	500	750	1000	1200	1500	1800	3000	3600	4000
O.D. [mm]	Max. / Min. [mm]			(kW)										
				(N-m)										
104	30/17	3900	420	4	8	18	26.5	34.5	40.5	49	57.5	89	104	113
				377	377	339	333	325	319	308	301	279	272	267
116	40/17	3900	780	7.5	14.5	33.5	48.5	63	73.5	89.5	105	160	185	204
				708	684	632	610	594	577	563	550	503	484	481
127	50/20	3900	1,300	13	25	59	84.5	109	128	155	180	275	320	350
				1,226	1,179	1,112	1,062	1,028	1,005	974	943	864	838	825
140	56/20	3900	2,000	18.5	36	83.5	120	150	180	215	250	385	445	485
				1,744	1,697	1,575	1,508	1,414	1,412	1,351	1,309	1,210	1,165	1,144
160	65/20	3900	3,048	28.5	54.5	125	180	230	270	325	380	575	665	725
				2,687	2,570	2,357	2,263	2,169	2,122	2,042	1,990	1,807	1,741	1,709
180	75/30	3900	4,679	43.5	83.5	190	270	350	410	490	575	865	1,000	1,090
				4,101	3,937	3,583	3,394	3,300	3,221	3,080	3,012	2,719	2,619	2,570
200	85/30	3800	6,713	62	115	270	385	490	575	690	800	1,210	1,390	
				5,846	5,421	5,091	4,840	4,620	4,518	4,337	4,190	3,802	3,641	
224	100/40	3400	9,751	89	165	380	545	695	810	970	1,130	1,690		
				8,391	7,778	7,166	6,851	6,552	6,364	6,097	5,919	5,312		
250	115/40	3050	14,390	130	245	550	780	995	1,160	1,390	1,610	2,400		
				12,257	11,549	10,371	9,806	9,382	9,114	8,737	8,433	7,543		
280	135/40	2700	22,883	205	385	865	1,220	1,550	1,800	2,160	2,490			
				19,328	18,150	16,311	15,337	14,614	14,142	13,577	13,043			
315	160/100	2400	36,064	315	595	1,330	1,880	2,380	2,750	3,290	3,800			
				29,699	28,050	25,079	23,634	22,439	21,606	20,679	19,904			
355	180/125	2150	54,390	475	890	1,980	2,780	3,520	4,070	4,860	5,600			
				44,784	41,956	37,336	34,948	33,188	31,977	30,548	29,332			
400	200/140	1900	76,342	660	1,230	2,720	3,810	4,800	5,550	6,610	7,610			
				62,227	57,984	51,290	47,896	45,255	43,606	41,547	39,861			



Gear Coupling FG-C Type



Dimensions (mm)

Size	Bore	Dimensions										Lubricant Capacity [l]	Weight [kg]	GD ² [kgf-m ²]
		O.D.	Max/Min D	L	C	G ₁	H	F	J	N	G ₂			
450	205 / 140	418	200	18	286	372	150	209	5	-2	5	2.6	263.1	21,418
500	250 / 170	494	236	22	335	427	168	247	6	10	-5	3.8	376.7	38.4
527	280 / 130	451.4	220.7	10	355	446	172	225.7	6	10	-5	3.9	450.8	46.41
560	295 / 190	552	265	22	381	478	187	276	6.5	7	-2	4.6	533.7	67.88
630	325 / 225	658	315	28	455	544	213	329	8	17	-10	6.7	1,010	138
710	360 / 250	738	355	28	510	622	242	369	8.5	17	-10	9.4	1,442	250
800	405 / 280	832	400	32	570	690	267	416	9.5	23	-15	13	2,030	440
900	475 / 315	932	450	32	670	792	295	466	10.5	27	-30	17	3,030	860
1000	510 / 355	1040	500	40	720	858	322	520	12	40	-30	23	4,120	1,380
1120	600 / 400	1160	560	40	840	990	360	580	13	55	-45	31	5,930	2,652
1250	710 / 500	1460	710	40	960	1126	399	730	14	150	-140	45	9,415	5,292
1400	800 / 560	1650	800	50	1070	1255	449	825	16.5	170	-160	66	13,200	9,280
1600	900 / 630	1850	900	50	1260	1450	503	925	18	200	-190	94	21,010	18,950

Note : 1. Ordering Example: When choosing **FG-C Type**, **O.D.=630 mm**, order code is **FG630C**.

2.Weight and GD2 are based on solid shaft without bore.

3.The bore size can be informed in advance for machining before delivery.

4.S1 : Coupling Case position for alignment.

S2 : Coupling Case position for tooth inspection.



Gear Coupling FG-C Type

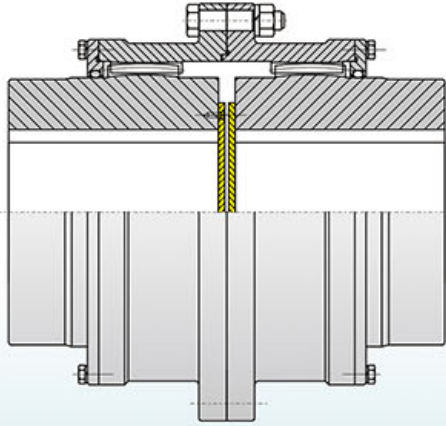
Transmission Torque

Size	Bore	Max. Speed [rpm]	Basic Torque [kN-m]	Rotational Speed [rpm]									
				1	10	50	75	100	250	500	1000	1200	1500
O.D. [mm]	Max. / Min. [mm]			(kW)									
				(kN-m)									
450	205/140	1650	105	11	105	490	715	930	2,110	3,830	6,760	7,810	9,300
				103.9	99	92.1	90.1	87.2	79.4	72.5	63.7	61.7	58.8
500	250/170	1500	160	16.5	155	730	1,070	1,390	3,130	5,630	9,880	11,400	13,500
				155.8	146	137.2	134.3	131.3	117.6	105.8	93.1	89.2	85.3
527	280/130	1500	135	14.2	129	606	890	1,159	2,595	4,667	8,213	9,441	11,283
				132.5	123.2	115.8	113.3	110.7	99.1	89.1	78.4	75.1	71.8
560	295/190	1350	250	25.5	240	1,120	1,620	2,110	4,730	8,480	14,800	17,100	
				240.1	226.4	211.7	203.8	199	178.4	159.7	139.2	134.3	
630	325/225	1200	410	40	395	1,820	2,630	3,400	7,600	13,600	23,500	27,000	
				377.3	372.4	343	330.3	320.5	286.2	256.8	221.5	211.7	
710	360/250	1050	600	60	575	2,620	3,790	4,900	10,900	19,300	33,200		
				565.5	542	494	476.3	461.6	410.6	363.6	312.6		
800	405/280	950	855	85	820	3,710	5,360	6,930	15,300	27,000			
				801.6	773.2	699.7	674.2	653.7	577.2	509.6			
900	475/315	840	1,220	120	1,160	5,220	7,510	9,600	21,200	37,300			
				1,130.9	1,093.7	984	943.7	870.2	799.7	703.6			
1000	510/355	750	1,700	170	1,590	7,110	10,200	13,200	28,800	50,300			
				1,603.3	1,499.4	1,340.6	1,281.8	1,244.6	1,085.8	948.6			
1120	600/400	680	2,358.8	235	2,220	9,850	14,100	18,200	39,400	68,600			
				2,215.8	2,093.3	1,857.1	1,772.8	1,716	1,485.7	1,293.6			
1250	710/500	610	3,248	335	3,140	13,900	19,800	25,500	54,900	94,900			
				3,158.5	2,960.6	2,621.5	2,489.2	2,403.9	2,070.7	1,789.5			
1400	800/560	540	4,477	470	4,470	19,600	28,000	35,900	76,900	132,000			
				4,431.6	4,214	3,695.6	2,540.2	3,384.9	2,899.8	2,489.2			
1600	900/630	470	6,455	675	6,330	27,500	39,200	50,100	106,000				
				6,364.1	6,968.2	5,185.2	4,927.4	4,723.6	3,997.4				



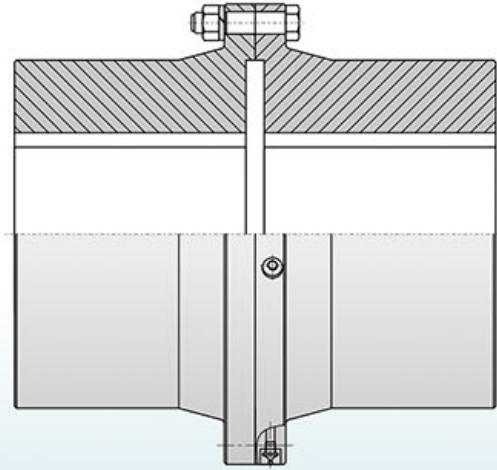
Customized Design

Adding Seal Cover



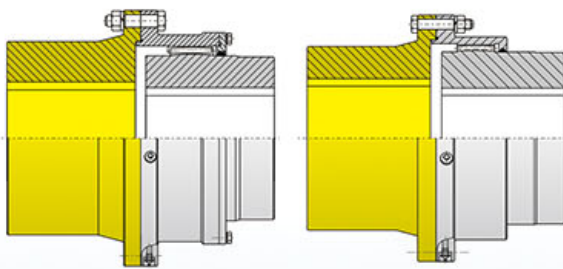
Seal covers keep out contaminants, improving equipment lifespan. They are easy to install, reducing downtime and maintenance needs.

Rigid Coupling



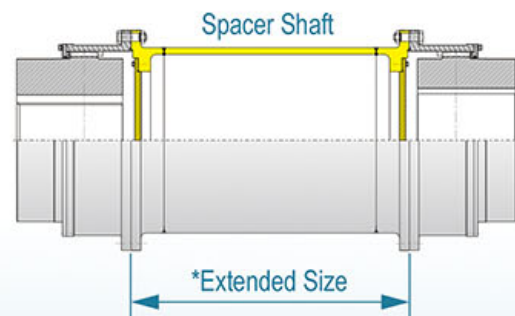
Rigid couplings has a strong and reliable connection with minimal misalignment and are ideal for high precision and torque transmission applications.

Half Rigid Coupling



Half rigid provide a combination of flexibility and stiffness. Improve torsional rigidity while still accommodate misalignment and shock loads.

Spacer Type



Add a spacer shaft to extend the standard distance. Keep the flexibility, customize according to the actual use requirements.

If you have specific requirements and need customized designs, contact FHI for assistance.



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