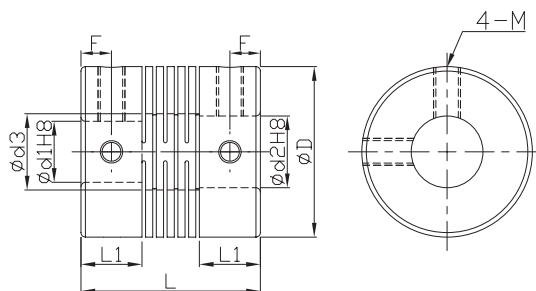


Flexible | Spiral Beam Coupling

GOOFAMS



- Zero rotation backlash.
- The flexure allowed by the beam portion of the coupling is capable of accommodating angular, parallel, and axial misalignment.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



*Ød3=Ød2+0.5

Material	Surface Finish	Accessories
Super Duralumin	Anodized	Nylon Set Screw

Dimensions		Ød1	Ød2												L	L1	F	M
Model No.	ØD		5	6	6.35	7	8	9.525	10	11	12	14	15	16				
GOOFAMS	16	5	•	•											17.4	6	3	3
		6		•														
	19	5	•	•		•	•								20	6.8	3.4	3
		6		•		•	•											
		6.35			•		•											
		8					•		•									
	24	10							•						25	8.5	4.25	4
		6		•			•		•									
		6.35			•		•		•									
		7					•											
		8					•	•	•									
		9.525							•	•								
	29	10							•	•	•				30	10.2	5.1	4
		11								•	•	•						
		12									•	•						
		10										•			35	12	6	5
	34	11										•						
		12										•	•	•				
		14										•		•				
		15											•	•				
		16												•				

★Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)					
GOOFAMS	16	0.5	0.5	0.05	±0.1	200	24000	2.8*10 ⁻⁷	0.7	7
	19	1				270	20000	6.2*10 ⁻⁷		10
	24	1.5				790	16000	2.0*10 ⁻⁶	1.7	22
	29	2				1400	13000	5.2*10 ⁻⁶		40
	34	3				2200	11000	1.1*10 ⁻⁵		64

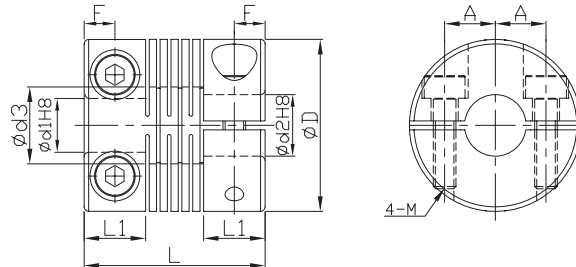
Ordering Example: GOOFAMS24 - 8 - 12 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Spiral Beam Coupling

GOOFACS



- Zero rotation backlash.
- The flexure allowed by the beam portion of the coupling is capable of accommodating angular, parallel, and axial misalignment.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- Offset, deflection, shaft deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



$$*\text{Ød3}=\text{Ød2}+0.5$$

Material	Surface Finish	Accessories
Super Duralumin	Anodized	Hexagon Socket Screw

Dimensions		Ød1	Ød2													L	L1	F	M	A
Model No.	ØD		5	6	6.35	7	8	9.525	10	11	12	14	15	16						
GOOFACS	16	5	•	•											17.4	6	3	2	4.74	
		6		•																
	19	5	•	•		•	•								20	6.8	3.4	2.5	5.6	
		6		•	•	•	•													
		6.35			•		•													
		8				•														
	24	6		•			•		•						25	8.5	4.25	3	8	
		6.35			•		•		•											
		7					•													
		8					•	•												
		9.525						•												
		10							•											
	29	8					•		•	•	•				30	10.2	5.1	3	9	
		10							•	•	•									
		11									•									
		12									•									
	34	10										•			35	12	6	3	11	
		11										•								
		12									•	•		•						
		14										•	•	•						
		15											•	•						
		16												•						

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)					
GOOFACS	16	0.5	0.5	0.05	±0.1	200	9500	2.5*10 ⁻⁷	0.5	7
	19	1				270	8000	5.8*10 ⁻⁷		12
	24	1.5				790	6300	1.8*10 ⁻⁶	1	23
	29	2				1400	5200	4.7*10 ⁻⁶		41
	34	3				2200	4400	1.1*10 ⁻⁵	1.5	62

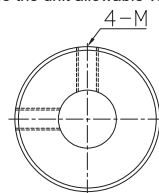
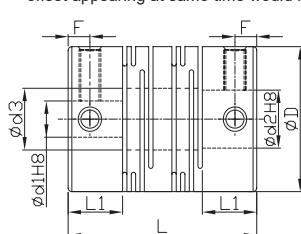
Ordering Example: GOOFACS24 - 8 - 12 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Spiral Beam Coupling

GOOFAMML



- Zero rotation backlash.
- The flexure allowed by the beam portion of the coupling is capable of accommodating parallel, angular, and axial misalignment.
- High wrench torque rigidity and sensitivity.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



$$*\text{Ød3} = \text{Ød2} + 0.5$$

*When $\text{Ød1} < 4$ and $\text{Ød2} > 5$, there would be 3 set screws.
When Ød1 and Ød2 both smaller than 4, there would be 2 set screws.

Material	Surface Finish	Accessories
Super Duralumin	Anodized	Nylon Set Screw

Dimensions		Ød1	Ød2																L	L1	M Rough thread	F
Model No.	ØD		2	3	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18				
GOOFAMML	8	2	•	•															14	3.5	2	1.7
		3		•																		
	12	3		•															18.5	5	2.5	2.5
		4			•																	
	16	5			•	•													23	6.5	3	3
		4			•	•				•												
		5			•	•				•												
		6			•	•				•												
	20	6.35				•	•			•									26	7.5	3	3
		5				•	•			•												
		6				•	•			•												
		6.35				•	•			•												
		8								•	•											
	25	9.525									•								31	8.5	4	4
		10									•											
		12									•											
		5				•				•												
		6				•	•			•												
		6.35								•												
	32	8								•									41	12	4	6
		9.525								•												
		10								•												
		12								•	•											
		14									•											
	40	15									•								56	17	5	8.5
		16									•											
		18									•											
		8									•											
		9.525									•											
		10									•											
		12									•											
		14										•										

★ Moment of inertial torque and weight calculated by maximum diameter.

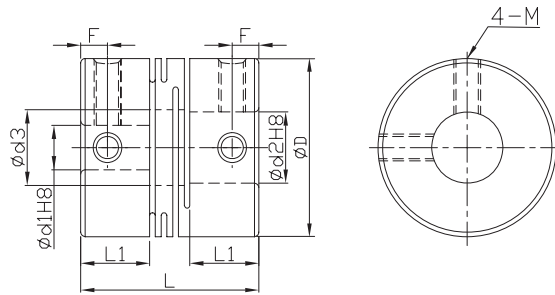
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)					
GOOFAMML	8	0.1	2	0.10	±0.2	25	48000	1.2*10 ⁻⁸	0.3	1.4
	12	0.4			±0.3	45	32000	8.3*10 ⁻⁸	0.5	3.7
	16	0.5			±0.4	80	24000	3.3*10 ⁻⁷	0.7	8.1
	20	1				170	19000	9.0*10 ⁻⁷		14
	25	2		0.15	±0.5	380	15000	2.6*10 ⁻⁶	1.7	27
	32	4				500	12000	9.6*10 ⁻⁶		60
	40	8				600	9600	3.2*10 ⁻⁵	4	130
				0.20						

Ordering Example: GOOFAMML25 * 10 * 12 * 100 PCS
Model no. Ød1 Ød2 Q'ty

GOOFAMMS



- Zero rotation backlash.
- The flexure allowed by the beam portion of the coupling is capable of accommodating angular, and axial misalignment.
- No accommodating to parallel misalignment.
- High wrench torque rigidity and sensitivity.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- FAMMS can't allow axial deviation caused by offset
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



$$*Ød3 = Ød2 + 0.5$$

*When $Ød1 < 4$ and $Ød2 > 5$, there would be 3 set screws.
When $Ød1$ and $Ød2$ both smaller than 4, there would be 2 set screws.

Material	Surface Finish	Accessories
Super Duralumin	Anodized	Nylon Set Screw

Dimensions		Ød1	Ød2										L	L1	M Rough thread	F		
Model No.	ØD		2	3	4	5	6	7	8	10	12	14						
GOOFAMMS	8	2	*										10	3.4	2	1.7		
		3		*														
	12	4			*	*							14	5.2	2.5	2.5		
		5				*												
	16	5				*	*						18	6.8	3	3		
		6					*											
	20	5					*	*	*				20	7.65				
		6					*	*	*									
		8						*	*									
	25	5					*			*	*		25	9.6	4	4		
		6					*			*	*							
		6.35							*	*								
		8							*	*								
	32	10								*	*		32	12.6				
		8								*	*							
		10									*	*				*		
12											*	*				*		

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD		Angular (°)	Axial (mm)					
GOOFAMMS	8	0.1	1	±0.1	24	48000	1.0×10^{-8}	0.3	1
	12	0.4			80	32000	7.0×10^{-8}	0.5	3.1
	16	0.5			180	24000	2.8×10^{-7}	0.7	7.4
	20	1		±0.2	200	19000	7.5×10^{-7}		12
	25	2			780	15000	2.3×10^{-6}	1.7	24
	32	4			1100	12000	8.0×10^{-6}		50

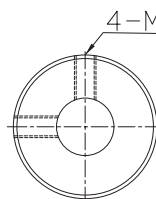
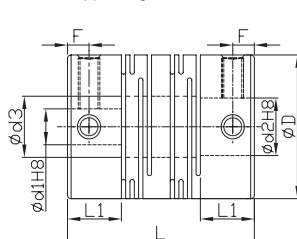
Ordering Example: GOOFAMMS25 * 8 * 10 * 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Spiral Beam Coupling

GOOFSMML



- Zero rotation backlash.
- The flexure allowed by the beam portion of the coupling is capable of accommodating parallel, angular, and axial misalignment.
- High wrench torque rigidity and sensitivity.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



$$*Ød3=Ød2+0.5$$

*When $Ød1 < 4$ and $Ød2 > 5$, there would be 3 set screws.
When $Ød1$ and $Ød2$ both smaller than 4, there would be 2 set screws.

Material	Accessories
SUS303	Nylon Set Screw

Dimensions		Ød1	Ød2																L	L1	M Rough thread	F
Model No.	ØD		2	3	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18				
GOOFSMML	8	2	*	*															14	3.5	2	1.7
		3		*																		
	12	3		*															18.5	5	2.5	2.5
		4			*																	
	16	5			*	*																
		4			*	*			*	*									23	6.5	3	3
		5			*	*	*		*	*												
		6			*	*	*	*	*	*												
	20	6.35			*	*	*	*	*	*									26	7.5	3	3
		5			*	*	*	*	*	*												
		6			*	*	*	*	*	*												
		8			*	*	*	*	*	*												
	25	9.525			*	*	*	*	*	*									31	8.5	4	4
		10			*	*	*	*	*	*												
		12			*	*	*	*	*	*												
		14			*	*	*	*	*	*												
		16			*	*	*	*	*	*												
		18			*	*	*	*	*	*												
	32	6			*	*	*	*	*	*									41	12	4	6
		6.35			*	*	*	*	*	*												
		8			*	*	*	*	*	*												
		9.525			*	*	*	*	*	*												
		10			*	*	*	*	*	*												
	40	12			*	*	*	*	*	*									56	17	5	8.5
		14			*	*	*	*	*	*												
		15			*	*	*	*	*	*												
		16			*	*	*	*	*	*												
		18			*	*	*	*	*	*												
		20			*	*	*	*	*	*												
		22			*	*	*	*	*	*												
		24			*	*	*	*	*	*												

★ Moment of inertial torque and weight calculated by maximum diameter.

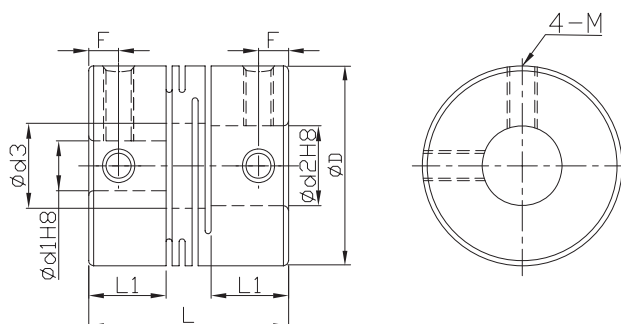
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)					
GOOFSMML	8	0.2	2	0.10	±0.2	50	48000	3.1*10 ⁻⁸	0.3	3
	12	0.3			±0.3	64	32000	2.1*10 ⁻⁷	0.5	9.3
	16	0.5				85	24000	8.4*10 ⁻⁷	0.7	21
	20	1			250	19000	2.4*10 ⁻⁶	38		
	25	2		0.15	±0.4	330	15000	6.8*10 ⁻⁶	1.7	71
	32	3.5			±0.5	850	12000	2.6*10 ⁻⁵		160
	40	8		0.20		1000	9600	9.7*10 ⁻⁵	4	350

Ordering Example: GOOFSMML25 8 10 100 PCS
Model no. Ød1 Ød2 Q'ty

GOOFSMMS



- Zero rotation backlash.
- The flexure allowed by the beam portion of the coupling is capable of accommodating angular, and axial misalignment.
- No accommodating to parallel misalignment.
- High wrench torque rigidity and sensitivity.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- FSMMS can't allow axial deviation caused by offset
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



$$*\text{Ød3}=\text{Ød2}+0.5$$

*When $\text{Ød1} < 4$ and $\text{Ød2} > 5$, there would be 3 set screws.
When Ød1 and Ød2 both smaller than 4, there would be 2 set screws.

Material	Accessories
SUS303	Nylon Set Screw

Dimensions		Ød1	Ød2										L	L1	M Rough thread	F
Model No.	ØD		2	3	4	5	6	7	8	10	12	14				
GOOFSMMS	8	2	*										10	3.4	2	1.7
		3		*												
	12	4			*	*							14	5.2	2.5	2.5
		5				*										
	16	5				*	*						18	6.8	3	3
		6					*									
	20	5					*	*	*				20	7.65		
		6					*	*	*							
		8							*							
	25	5					*	*	*				25	9.6	4	4
		6					*		*	*						
		6.35							*	*	*					
		8							*	*	*					
	32	10							*	*	*		32	12.6	4	6
8								*	*	*						
10									*	*	*					
			12								*	*	*			

★Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD		Angular (°)	Axial (mm)					
GOOFSMMS	8	0.2	1	±0.1	49	48000	2.4×10^{-8}	0.3	2.7
	12	0.3			140	32000	1.8×10^{-7}	0.5	7.8
	16	0.5			240	24000	7.2×10^{-7}	0.7	18
	20	1			330	19000	2.0×10^{-6}		32
	25	2	±0.2	±0.2	720	15000	6.1×10^{-6}	1.7	63
	32	3.5			1300	12000	2.1×10^{-5}		130

Ordering Example:

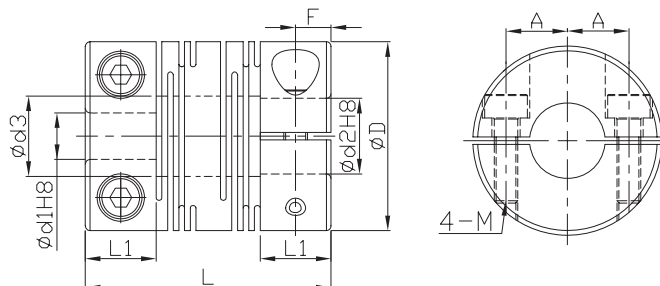
GOOFSMMS25	8	10	100 PCS
Model no.	Ød1	Ød2	Q'ty

Flexible | Spiral Beam Coupling

GOOFACML



- The flexure allowed by the beam portion of the coupling is capable of accommodating angular, parallel, and axial misalignment.
- High wrench torque rigidity and sensitivity.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



$$*Ød3=Ød2+0.5$$

Material	Surface Finish	Accessories
Super Duralumin	Anodized	Hexagon Socket Screw

Dimensions		Ød1	Ød2													L	L1	M Rough thread	A	F	
Model No.	ØD		4	5	6	6.35	7	8	9.525	10	11	12	14	15	16						
GOOFACML	12	4	*	*												18.5	5	2	4	2.5	
		5		*																	
	16	5		*	*											23	6.5	2.5	5	3.25	
		6			*																
	20	5			*	*	*	*								26	7.5				
		6			*	*	*	*													
		6.35						*											6.5	3.75	
		8						*													
	25	5			*											31	8.5	3	9	4.25	
		6			*	*		*		*											
		6.35						*		*											
		8						*	*	*											
		9.525								*											
	32	10								*						41	12	4	11	6	
		8						*	*	*		*									
		9.525								*		*									
		10								*	*	*	*								
	40	12									*		*	*			56	17	5	14	8.5
		8						*		*											
		10								*											
		12										*	*								
		14											*	*	*						
		15												*							
		16													*						

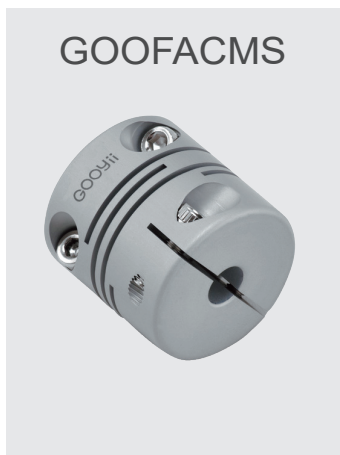
★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)					
GOOFACML	12	0.4	2	0.10	±0.3	45	12000	7.8*10 ⁻⁸	0.5	3.6
	16	0.5			±0.4	80	9500	3.4*10 ⁻⁷	1	9.2
	20	1				170	7600	9.1*10 ⁻⁷		16
	25	2		0.15	±0.5	380	6100	2.6*10 ⁻⁶	1.5	28
	32	4				500	4800	9.7*10 ⁻⁶	2.5	64
	40	8				600	3800	3.3*10 ⁻⁵	4	140

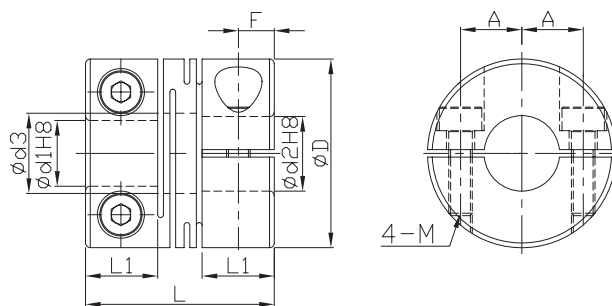
Ordering Example:

GOOFACML32 * 10 * 12 * 100 PCS
Model no. Ød1 Ød2 Q'ty

GOOFACMS



- Zero rotation backlash.
- The flexure allowed by the beam portion of the coupling is capable of accommodating angular, and axial misalignment.
- No accommodating to parallel misalignment.
- High wrench torque rigidity and sensitivity.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- FACMS can't allow axial deviation caused by offset
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



$$*\text{Ød3}=\text{Ød2}+0.5$$

Material	Surface Finish	Accessories
Super Duralumin	Anodized	Hexagon Socket Screw

Dimensions		Ød1	Ød2								L	L1	M Rough thread	A	F
Model No.	ØD		4	5	6	7	8	10	12	14					
GOOFACMS	12	4	•	•							14	5.2	2	4	2.6
		5		•											
	16	5		•	•						18	6.8	2.5	5	3.4
		6			•										
	20	5			•	•	•				20	7.65	2.5	6.5	3.8
		6			•	•	•								
		8					•								
	25	5			•						25	9.6	3	9	4.8
		6			•		•	•							
		8					•	•							
	32	8					•	•			32	12.6	4	11	6.3
		10						•	•	•					
		12							•	•					

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ⁻²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD		Angular (°)	Axial (mm)					
GOOFACMS	12	0.4	1	±0.1	80	12000	6.4*10 ⁻⁸	0.5	3
	16	0.5		±0.2	180	9500	2.9*10 ⁻⁷		8
	20	1			200	7600	7.5*10 ⁻⁷	1	13
	25	2			780	6100	2.3*10 ⁻⁶		25
	32	4			1100	4800	8.1*10 ⁻⁶	2.5	53

Ordering Example:

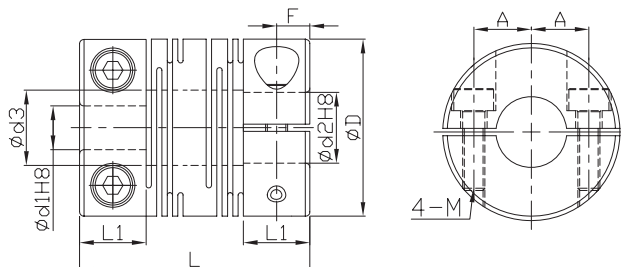
GOOFAMS25 - 8 - 10 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Spiral Beam Coupling

GOOFSCML



- The flexure allowed by the beam portion of the coupling is capable of accommodating angular, parallel, and axial misalignment.
- High wrench torque rigidity and sensitivity.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



$$*\text{Ød3}=\text{Ød2}+0.5$$

*1pc clamping screw in ØD12~DØ32 of stainless steel type.

Material	Accessories
SUS303	Hexagon Socket Screw

Dimensions		Ød1	Ød2													L	L1	M Rough thread	A	F
Model No.	ØD		4	5	6	6.35	7	8	9.525	10	11	12	14	15	16					
GOOFSCML	12	4	•	•												18.5	5	2	4	2.5
		5		•																
	16	5		•	•											23	6.5	2.5	5	3.25
		6			•															
	20	5			•	•	•	•								26	7.5	2.5	6.5	3.75
		6			•	•	•	•												
		6.35						•												
		8						•												
	25	5			•			•		•						31	8.5	3	9	4.25
		6			•	•		•		•										
		6.35						•		•										
		8						•	•	•										
		9.525								•										
	32	8						•	•	•		•				41	12	4	11	6
		9.525								•		•								
		10								•		•	•							
		12										•	•							
	40	8						•		•						56	17	5	14	8.5
		10								•										
		12										•	•							
		14											•		•					
		15													•					
	40	16													•					

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)					
GOOFSCML	12	0.3	2	0.10	±0.2	64	12000	2.2*10 ⁻⁷	0.5	10
	16	0.5			±0.3	85	9500	9.0*10 ⁻⁷		25
	20	1				250	7600	2.5*10 ⁻⁶		43
	25	2		0.15	±0.4	330	6100	7.1*10 ⁻⁶	1.5	78
	32	3.5			±0.5	850	4800	2.7*10 ⁻⁵	2.5	170
	40	8				1000	3800	9.0*10 ⁻⁵	4	370

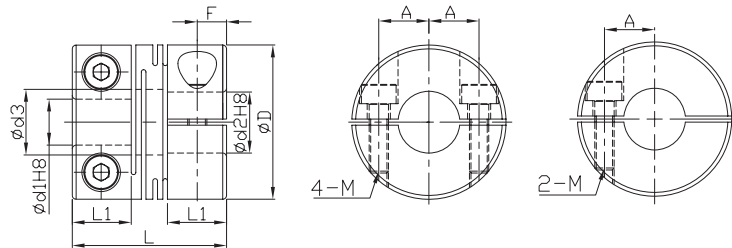
Ordering Example: GOOFSCML32 - 12 - 14 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Spiral Beam Coupling

GOOFSCMS



- Zero rotation backlash.
- The flexure allowed by the beam portion of the coupling is capable of accommodating angular, and axial misalignment.
- No accommodating to parallel misalignment.
- High wrench torque rigidity and sensitivity.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- FSCMS can't allow axial deviation caused by offset
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



* $\text{Ød3} = \text{Ød2} + 0.5$

*1pc clamping screw in $\text{ØD12} \sim \text{DØ32}$ of stainless steel type.

Material	Accessories
SUS303	Hexagon Socket Screw

Dimensions		Ød1	Ød2								L	L1	M Rough thread	A	F		
Model No.	ØD		4	5	6	7	8	10	12	14							
GOOFSCMS	12	4	•	•							14	5.2	2	4	2.6		
		5		•													
	16	5		•	•						18	6.8	2.5	5	3.4		
		6			•												
	20	5			•	•	•				20	7.65		6.5	3.8		
		6			•	•	•										
		8					•										
	25	5			•						25	9.6	3			9	4.8
		6			•			•	•								
		8						•	•								
		10							•								
	32	8						•	•		32	12.6	4	11	6.3		
10								•	•								
12									•	•							

★ Moment of inertial torque and weight calculated by maximum diameter.

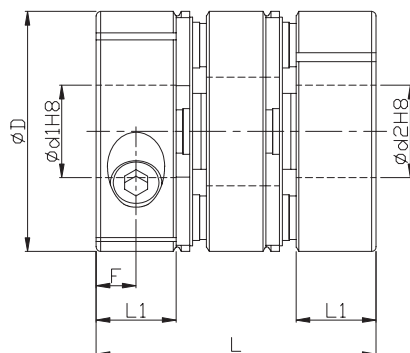
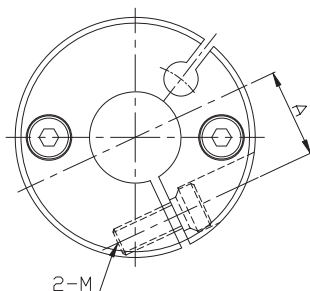
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD		Angular (°)	Axial (mm)					
GOOFSCMS	12	0.3	1	±0.1	140	12000	1.8×10^{-7}	0.5	8.5
	16	0.5			240	9500	7.8×10^{-7}		21
	20	1		±0.2	330	7600	2.1×10^{-6}	1	36
	25	2			720	6100	6.3×10^{-6}		69
	32	3.5			1300	4800	2.2×10^{-5}		150

Flexible | Disk Coupling

GOOFACCL



- High wrench torque load, high wrench torque rigidity capacity and excellent sensibility.
- Zero rotation backlash.
- The flexure allowed by the stainless steel disk portion of the coupling is capable of accommodating angular, parallel, and axial misalignment.
- Clockwise character is exactly the same as anti-clockwise one.
- Free maintenance, oil-resist and anti-corrosiveness.
- Teethless screw to lock disks.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Disk	SUS301	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2																	L	L1	A	F	Clamping screw	
Model No.	ØD	4	5	6	8	9	10	11	12	14	15	17	19	20	22	24	25	M					Lock torque (N·m)	
FACCL	21	•	•	•	•	•												24.5	7	7	3.5	M2.5	1.2	
	28		•	•	•	•	•											32	9	9.5	4	M3	1.5	
	34			•	•	•	•	•	•	•								35	9.8	12	5	M3	1.5	
	46				•	•	•	•	•	•	•	•	•					44	12.6	16.5	6	M4	3.5	
	55									•	•	•	•	•	•	•	•	55	16	20.5	7	M5	6	

★Moment of inertial torque and weight calculated by maximum diameter.

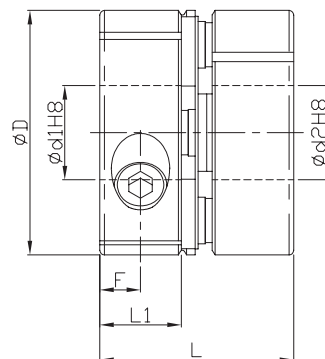
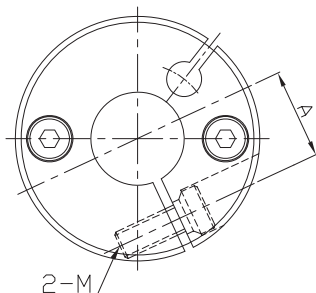
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
FACCL	21	1.2	1.0	0.10	±0.20	1000	10000	1.11*10 ⁻⁶	17
	28	1.6	1.2	0.15		1300		4.68*10 ⁻⁶	42
	34	4	1.5	0.20		2800		1.10*10 ⁻⁵	65
	46	10		0.25	±0.30	6200		4.70*10 ⁻⁵	151
	55	25				12000		1.19*10 ⁻⁴	260

Ordering Example: FACCL46 * 10 * 12 * 100 PCS
Model no. Ød1 Ød2 Q'ty

GOOFACCS



- High wrench torque load, high wrench torque rigidity capacity and excellent sensibility.
- Zero rotation backlash.
- The flexure allowed by the stainless steel disk portion of the coupling is capable of accommodating angular, and axial misalignment.
- Clockwise character is exactly the same as anti-clockwise one.
- Free maintenance, oil-resist and anti-corrosiveness.
- Teethless screw to lock disks.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Disk	SUS301	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2																L	L1	A	F	Clamping screw	
Model No.	ØD	4	5	6	8	9	10	11	12	14	15	17	19	20	22	24	25					M	Lock torque (N·m)
FACCS	21	•	•	•	•	•												16.7	7	7	3.5	M2.5	1.2
	28		•	•	•	•	•											21	9	9.5	4	M3	1.5
	34			•	•	•	•	•	•									23.3	9.8	12	5	M3	1.5
	46				•	•	•	•	•	•	•	•	•					29.8	12.6	16.5	6	M4	3.5
	55								•	•	•	•	•	•	•	•	•	37.2	16	20.5	7	M5	6

★Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m²)	★ Weight (g)
Model No.	ØD		Angular (°)	Axial (mm)				
FACCS	21	1.2	1.0	±0.10	1500	10000	7.90*10 ⁻⁷	12
	28	1.6	1.2		1800		3.24*10 ⁻⁶	30
	34	4	1.5		3600		7.60*10 ⁻⁶	45
	46	10		±0.15	10000		3.23*10 ⁻⁵	105
	55	25			20000		8.19*10 ⁻⁵	180

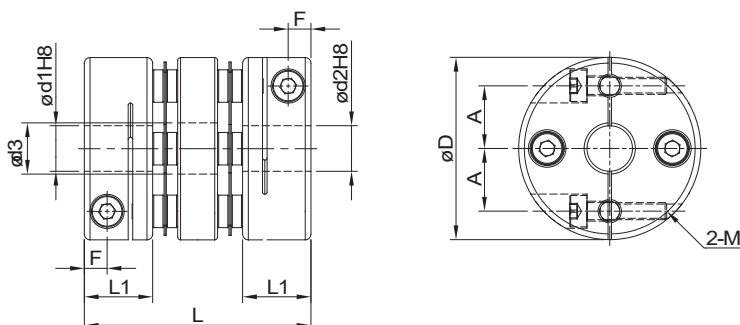
Ordering Example: FACCS34 * 10 * 14 * 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Disk Coupling

GOOFACHL



- High wrench torque load, high wrench torque rigidity capacity and excellent sensibility.
- Zero rotation backlash.
- Dual stainless steel disk to correct angular and axial deviation.
- Clockwise character is exactly the same as anti-clockwise one.
- Free maintenance, oil-resist and anti-corrosiveness.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Disk	SUS301	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2																								L	L1	d3	A	F	Clamping screw	
Model No.	ØD	4	4.5	5	6	6.35	7	8	9.525	10	11	12	14	15	16	17	18	19	20	22	24	25	M	Lock torque (N.m)								
GOOFACHL	19	•	•	•	•	•	•	•																27	8	8.5	6.5	2.5	2	0.5		
	25				•	•	•	•	•	•	•	•												31	10	12.5	9	3.5	2.5	1		
	32							•	•	•	•	•	•	•										40	12	16	11	4	3	1.5		
	40							•	•	•	•	•	•	•	•	•	•	•	•					44	14	21	15	5	4	2.5		
	50													•	•	•	•	•	•	•	•	•	•		57	18	26	18	6	5	7	

★Moment of inertial torque and weight calculated by maximum diameter.

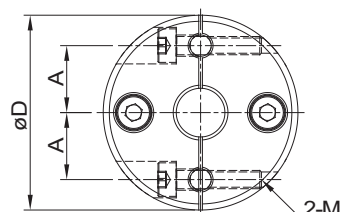
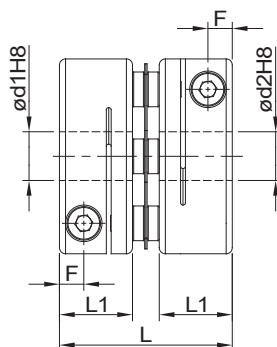
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)	
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)					
GOOFACHL	19	0.7	1.5	0.12	±0.5	200	10000	8.7*10 ⁻⁷	18	
	25	1				450	8000	2.7*10 ⁻⁶	25	
	32	2.5		0.15			1100	6000	9.6*10 ⁻⁶	60
	40	3.5					1400	5000	1.9*10 ⁻⁵	100
	50	9					2200	4000	8.1*10 ⁻⁵	210

Ordering Example: GOOFACHL40 - 10 - 12 - 100 PCS
Model no. Ød1 Ød2 Q'ty

GOOFACHS



- Hard torque load · high torque rigidity and excellent sensibility.
- Zero rotation backlash.
- Miniature coupling has short length.
- Dual stainless steel disk to correct angular and axial deviation.
- No correction for radial deviation.
- Clockwise character is exactly the same as anti-clockwise one.
- Free maintenance, oil-resist and anti-corrosiveness.
- FACH-S can't allow axial deviation caused by offset.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Disk	SUS301	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2																							L	L1	F	A	Clamping screw	
Model No.	ØD	4	4.5	5	6	6.35	7	8	9.525	10	11	12	14	15	16	17	18	19	20	22	24	25	M	Lock torque (N·m)						
GOOFACHS	19	•	•	•	•	•	•	•																20	8	2.5	6.5	2	0.5	
	25					•	•	•	•	•	•	•												24	10	3.5	9	2.5	1	
	32								•	•	•	•	•	•										29	12	4	11	3	1.5	
	40								•	•	•	•	•	•	•	•	•	•	•					33	14	5	15	4	2.5	
	50													•	•	•	•	•	•	•	•	•	•	•	42	18	6	18	5	7

★Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Axial (mm)				
GOOFACHS	19	0.7	0.7	±0.2	280	10000	6.3*10 ⁻⁷	9
	25	1			630	8000	2.1*10 ⁻⁶	19
	32	2.5			1600	6000	7.2*10 ⁻⁶	41
	40	3.5			2600	5000	1.3*10 ⁻⁵	68
	50	9			3100	4000	6.1*10 ⁻⁵	140

Ordering Example:

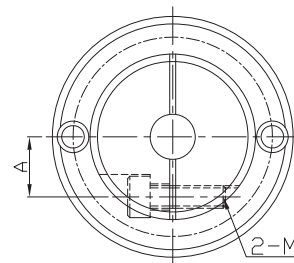
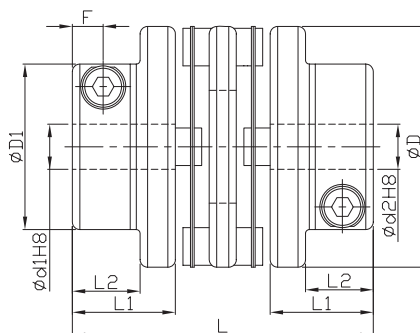
GOOFACHS40	10	12	100 PCS
Model no.	Ød1	Ød2	Q'ty

Flexible | Disk Coupling

GOOFACTL



- High wrench torque load, high wrench torque rigidity capacity and excellent sensibility.
- Zero rotation backlash.
- Dual stainless steel rings to correct radial \ angular and axial deviation.
- Clockwise character is exactly the same as anti-clockwise one.
- Free maintenance, oil-resist and anti-corrosiveness.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Disk	SUS301	—	
Pin	SUS303	—	

Dimensions		ØD1	Ød1&Ød2 selection *Ød1 ≤ Ød2													L	L1	L2	A	F	Clamping screw	
Model No.	ØD		6	7	8	10	11	12	14	15	16	18	19	20	25						M	Lock torque (N·m)
GOOFACTL	32	22	•	•	•	•										40	13.7	9	8	4	3	1.5
	40	28		•	•	•	•	•	•							46	16.5	12	10.5	6	4	2.5
	50	39						•	•	•	•	•	•	•		52	19.4	15	14.8	7	5	7
	63	45								•	•	•	•	•	•	58	22.3	18	17	8	6	12

★Moment of inertial torque and weight calculated by maximum diameter.

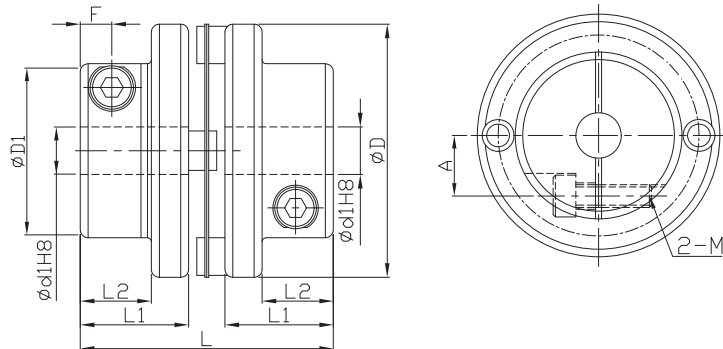
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
GOOFACTL	32	2	2	0.15	±0.4	1000	4800	6.2*10 ⁻⁶	48
	40	4		0.2	±0.5	1500	3800	1.6*10 ⁻⁵	81
	50	7.5			±0.6	2000	3100	4.6*10 ⁻⁵	150
	63	10		0.3	±0.8	2500	2400	1.1*10 ⁻⁴	230

Ordering Example: GOOFACTL40 - 12 - 14 - 100 PCS
Model no. Ød1 Ød2 Q'ty

GOOFACTS



- Hard torque load · high torque rigidity and excellent sensibility.
- Zero rotation backlash.
- Dual stainless steel disk to correct angular and axial deviation.
- No correction for radial deviation.
- Clockwise character is exactly the same as anti-clockwise one.
- Free maintenance, oil-resist and anti-corrosiveness.
- FACTS can't allow axial deviation caused by offset.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Disk	SUS301	—	
Pin	SUS303		

Dimensions		ØD1	Ød1&Ød2 selection *Ød1 ≤ Ød2													L	L1	L2	A	F	Clamping screw	
Model No.	ØD		6	7	8	10	11	12	14	15	16	18	19	20	25						M	Lock torque (N·m)
GOOFACTS	32	22	•	•	•	•										32	13.7	9	8	4	3	1.5
	40	28		•	•	•	•	•	•							38	16.5	12	10.5	6	4	2.5
	50	39						•	•	•	•	•	•	•		44	19.4	15	14.8	7	5	7
	63	45								•	•	•	•	•	•	50	22.3	18	17	8	6	12

★Moment of inertial torque and weight calculated by maximum diameter.

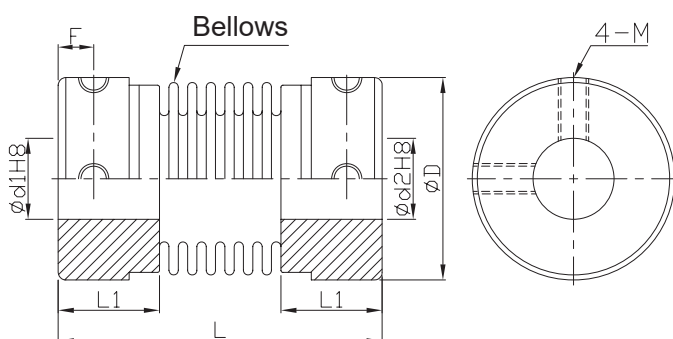
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Axial (mm)				
GOOFACTS	32	2	1	±0.2	1300	4800	4.5*10 ⁻⁶	38
	40	4			2800	3800	1.2*10 ⁻⁵	66
	50	7.5			3700	3100	3.7*10 ⁻⁵	120
	63	10			5000	2400	8.4*10 ⁻⁵	190

Flexible | Bellows Coupling

GOOFAMB



- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



*When $\text{Ød1} < 4$ and $\text{Ød2} > 5$, there would be 3 set screws.

*When Ød1 and Ød2 both smaller than 4, there would be 2 set screws.

Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Nylon Set Screw
Bellows	C5191	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2										L	L1	F	Set screw	
Model No.	ØD	3	4	5	6	6.35	8	9.525	10	12	14				M	Lock torque (N·m)
GOOFAMB	12	•	•	•	•	•						23.5	7.5	2.5	2.5	0.5
	16		•	•	•	•	•					26.5	9	3	3	0.7
	20			•	•	•	•	•	•			32	10	3.5		
	25				•	•	•	•	•	•		36.5	12	4.5	4	1.7
	32				•	•	•	•	•	•	•	42	13.5	5.5		

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
GOOFAMB	12	0.3	1.5	0.10	+0.4	82	32000	9.0×10^{-8}	4
	16	0.5			-1.2	110	24000	3.5×10^{-7}	9
	20	0.8	2	0.15	+0.6	180	19000	9.9×10^{-7}	16
	25	1.3			-1.8	240	15000	3.1×10^{-6}	32
	32	2			+0.8 -2.5	330	12000	9.2×10^{-6}	57

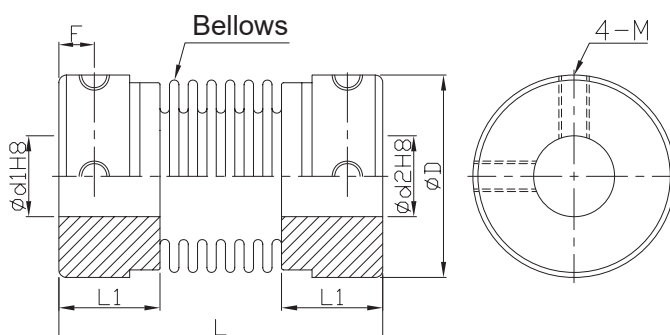
Ordering Example: GOOFAMB20 - 6 - 8 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Bellows Coupling

GOOFSMB



- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



*When $\text{Ød1} < 4$ and $\text{Ød2} > 5$, there would be 3 set screws.

*When Ød1 and Ød2 both smaller than 4, there would be 2 set screws.

Component	Material	Accessories
Main frame	SUS303	Nylon Set Screw
Bellows	SUS316	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2										L	L1	F	Set screw	
Model No.	ØD	3	4	5	6	6.35	8	9.525	10	12	14				M	Lock torque (N·m)
GOOFSMB	12	•	•	•	•	•						23.5	7.5	2.5	2.5	0.5
	16		•	•	•	•	•					26.5	9	3	3	0.7
	20			•	•	•	•	•	•			32	10	3.5		
	25				•	•	•	•	•	•		36.5	12	4.5	4	1.7
	32				•	•	•	•	•	•	•	42	13.5	5.5		

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
GOOFSMB	12	0.5	1.5	0.10	+0.4	100	32000	2.1×10^{-7}	9
	16	1			-1.2	150	24000	8.0×10^{-7}	20
	20	1.5	2	0.15	+0.6	220	19000	2.3×10^{-6}	37
	25	2			-1.8	330	15000	7.0×10^{-6}	73
	32	3		0.20	+0.8 -2.5	490	12000	2.1×10^{-5}	130

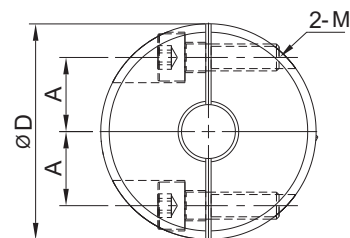
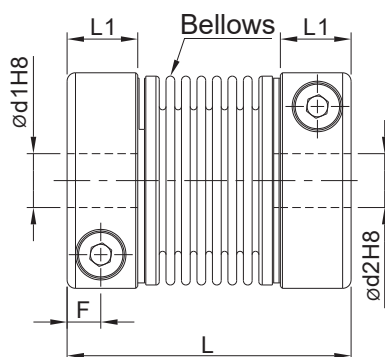
Ordering Example:

GOOFAMB25 - 8 - 10 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Bellows Coupling



- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Bellows	C5191	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2									L	L1	F	A	Clamping screw	
Model No.	ØD	4	5	6	6.35	8	9.525	10	12	14					M	Lock torque (N·m)
GOOFACB	12	•	•								23.5	7.5	2.3	4	2	0.5
	16	•	•	•	•						26.5	9	3	5	2.5	1
	20		•	•	•	•					32	10	3.5	6.5		
	25			•	•	•	•	•			36.5	12	4.5	9	3	1.5
	32					•	•	•	•	•	42	13.5	5	11	4	2.5

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
GOOFACB	12	0.3	1.5	0.10	+0.4	82	13000	9.7*10 ⁻⁸	4
	16	0.5			-1.2	110	9500	3.7*10 ⁻⁷	10
	20	0.8	2	0.15	+0.6	180	7700	1.0*10 ⁻⁶	16
	25	1.3			-1.8	240	6100	3.1*10 ⁻⁶	32
	32	2			+0.8 -2.5	330	4800	9.6*10 ⁻⁶	58

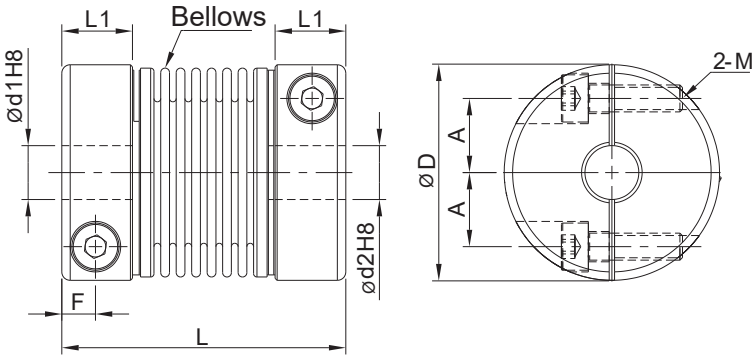
Ordering Example: GOOFACB25 - 6 - 8 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Bellows Coupling

GOOFSCB



• Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Accessories
Main frame	SUS303	Hexagon Socket Screw
Bellows	SUS316	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2									L	L1	F	A	Clamping screw	
Model No.	ØD	4	5	6	6.35	8	9.525	10	12	14					M	Lock torque (N·m)
GOOFSCB	12	•	•								23.5	7.5	2.3	4	2	0.5
	16	•	•	•	•						26.5	9	3	5	2.5	1
	20		•	•	•	•					32	10	3.5	6.5		
	25			•	•	•	•	•			36.5	12	4.5	9	3	1.5
	32					•	•	•	•	•	42	13.5	5	11	4	2.5

★Moment of inertial torque and weight calculated by maximum diameter.

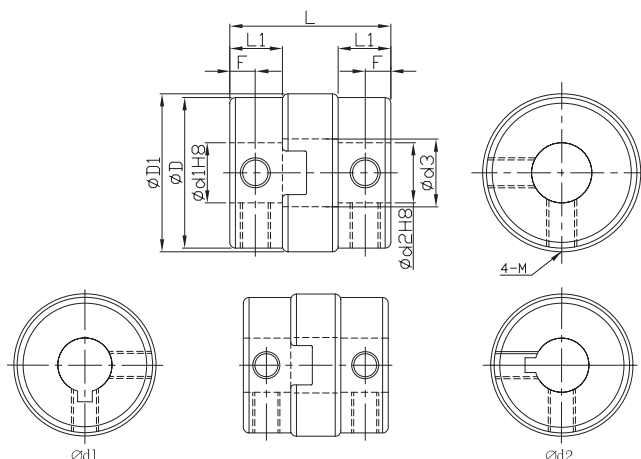
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
GOOFSCB	12	0.5	1.5	0.10	+0.4	100	13000	2.1*10 ⁻⁷	9
	16	1			-1.2	150	9500	8.1*10 ⁻⁷	22
	20	1.5	2	0.15	+0.6	220	7700	2.3*10 ⁻⁶	38
	25	2			-1.8	330	6100	6.9*10 ⁻⁶	74
	32	3		0.20	+0.8 -2.5	490	4800	2.1*10 ⁻⁵	130

Flexible | Oldham Coupling

GOOFSMG



- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.
- Suit for high wrench torque, high rotation.
- In case of parallel deviation over 0.1, abrasion of the insert is direct ration to load torque, offset, and rotation numbers.
- Available options for key way per inner diameter is bigger than 6mm. (Refer to page 38)



FSMGLK (key way Ød1 side)
 FSMGRK (key way Ød2 side)
 FSMGWK (key way Ød1 and Ød2 side)

Component	Material	Accessories
Main frame	SUS303	Nylon Set Screw
Spacer	Aluminum bronze	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2																ØD	ØD1	Ød3	L	L1	F	Set screw	
Model No.	ØD	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18	20	M							Lock torque (N.m)	
GOOFSMG	15	*	*	*	*	*	*											14.5	15	7.2	16	5.4	2.6	3	0.7
	17		*	*	*	*	*											16.8	17.5	8.2	19.8	6.7	3.2	4	1.7
	20			*	*	*	*	*	*	*	*							20	21	9	21.6	7	3.4		
	26			*	*	*	*	*	*	*	*	*						26	27	12	25.6	9	4		
	30						*		*	*	*	*						30	31	14	33	12	6		
	34									*	*	*	*	*	*			34	35	17	34	13	5.5	5	4.0
	38									*	*	*	*	*	*	*	*	38	41	17	39.5	15	7		

★ Moment of inertial torque and weight calculated by maximum diameter.

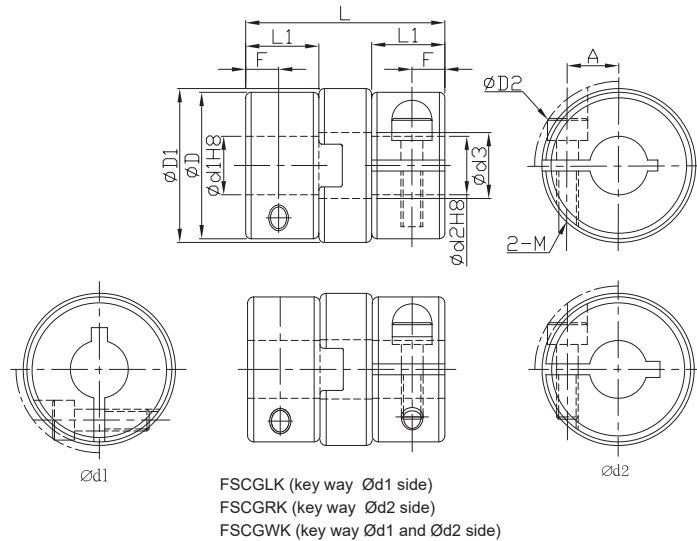
Specification		Allowable Wrench Torque (N.m)	Allowable Misalignment			Static Torsional Stiffness (N-m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg-m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
GOOFSMG	15	3	1.5	0.5	±0.1	800	8000	4*10 ⁻⁸	15
	17	5		0.5	±0.1	1000	7000	1*10 ⁻⁷	25
	20	7		0.5	±0.1	2200	6000	2*10 ⁻⁶	37
	26	10		0.8	±0.2	4000	5000	6*10 ⁻⁶	79
	30	30		1	±0.3	5500	5000	2.5*10 ⁻⁵	120
	34	32		1	±0.2	8000	4000	4*10 ⁻⁵	180
	38	50		1	±0.3	11000	4000	1*10 ⁻⁴	256

Ordering Example: GOOFSMG26 - 8 - 12 - 100 PCS
 Model no. Ød1 Ød2 Q'ty

GOOFSCG



- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.
- Suit for high wrench torque, high rotation.
- In case of parallel deviation over 0.1, abrasion of the insert is direct ratio to load torque, offset, and rotation numbers.
- Available options for key way per inner diameter is bigger than 6mm. (Refer to page 38)



Component	Material	Accessories
Main frame	SUS303	Hexagon Socket Screw
Spacer	Aluminum bronze	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2																ØD	ØD1	ØD2	Ød3	L	L1	A	F	Clamping screw		
Model No.	ØD	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18	20											M	Lock torque (N·m)
GOOFSCG	15	*	*	*													14.5	15	16	7.2	18.4	6.6	4.5	3.2	2.5	1.0		
	17		*	*	*												16.8	17.5	19	8.2	24.4	9	5	4	3	1.8		
	20			*	*	*	*	*	*								20	21	23	9	27.2	10	7	4.5				
	26			*	*	*	*	*	*	*	*						26	27	29	12	30.4	11.5	8.4	5	4	3.0		
	30						*		*		*	*					30	31	32	14	33	12	9	6	4	4.5		
	34								*	*	*	*	*	*			34	35	37	17	34	13	11		5	8.0		
	38								*		*	*	*	*	*	*	38	41	41	17	39.5	15	13.7	7				

★Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
GOOFSCG	15	3	1.5	0.5	±0.1	800	8000	6*10 ⁻⁷	17
	17	5		0.5	±0.1	1000	7000	1.2*10 ⁻⁶	30
	20	7		0.5	±0.1	2200	6000	3*10 ⁻⁶	48
	26	10		0.8	±0.2	4000	5000	1*10 ⁻⁵	90
	30	30		1	±0.3	5500	5000	2.5*10 ⁻⁵	120
	34	32		1	±0.2	8000	4000	4*10 ⁻⁵	172
	38	50		1	±0.3	11000	4000	1*10 ⁻⁴	246

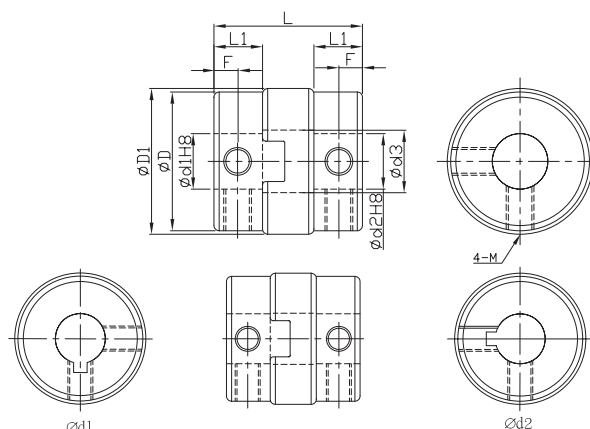
Ordering Example: GOOFSCG26 - 10 - 12 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Oldham Coupling

GOOFSMP



- Operating temperature : -40°C~90°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.
- Available options for key way per inner diameter is bigger than 6mm. (Refer to page 38)



*When $\text{Ød1} < 4$ and $\text{Ød2} > 5$, there would be 3 set screws.
 *When Ød1 and Ød2 both smaller than 4, there would be 2 set screws.

FSMPLK (key way Ød1 side)
 FSMPRK (key way Ød2 side)
 FSMPPWK (key way Ød1 and Ød2 side)

Component	Material	Accessories
Main frame	SUS303	Nylon Set Screw
Spacer	Carbon resin	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2																			ØD	ØD1	Ød3	L	L1	F	Set screw	
Model No.	ØD	1	1.5	2	3	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18	20							M	Lock torque (N·m)
GOOFSMP	6	.	.	.																	6	6.2	2.4	8.4	3	1.5	1.6	0.15
	8	.		.	.																8	8.2	3.4	9.6	3.5	1.7		
	10			.	.	.															10	10.2	4.4	10.2	3.7	1.8		
	12				.	.	.														12	12.5	4.0	14.2	5.2	2.5	3	0.7
	15					.	.	.	.	.	.										14.5	15	5.0	16	5.4	2.6		
	17						.	.	.	.	.										16.8	17.5	7.2	19.8	6.7	3.2	4	1.7
	20							.	.	.	.	.	.	.	.						20	21	8.2	21.4	7	3.4		
	26								.	.	.	.	.	.	.	.	.	.	.		26	27	12.0	25.6	9	4		
	30										.	.	.	.	.	.	.	.	.		30	31	13.0	33	12	6		
	34													.	.	.	.	.	.		34	35	13.0	34.2	13	5.5	5	4.0
38													.	.	.	.	.	.	.	38	41	17.0	40	15	7			

★ Moment of inertial torque and weight calculated by maximum diameter.

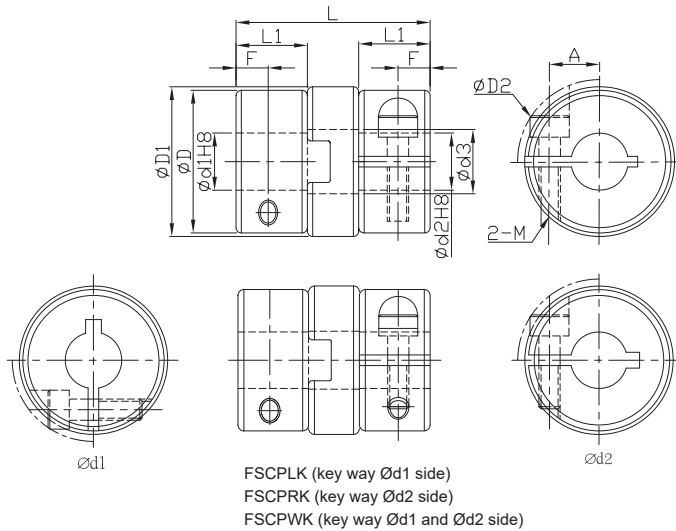
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
GOOFSMP	6	0.3	3	0.3	±0.25	9	12000	1.5*10 ⁻⁸	1.5
	8	0.5		0.4	±0.3	13		2.2*10 ⁻⁸	2.5
	10	0.8		0.4	±0.32	21		3.6*10 ⁻⁸	4
	12	1		0.5	±0.35	44		1.6*10 ⁻⁷	8
	15	1.6		0.8	±0.45	90	3.5*10 ⁻⁷	11	
	17	2.2		1	±0.55	250	7.8*10 ⁻⁷	18	
	20	3.2	1.5	±0.6	340	8000	1.7*10 ⁻⁶	29	
	26	6			420	6500	6.2*10 ⁻⁶	65	
	30	15	2		1200	6200	2*10 ⁻⁵	100	
	34	16			2400	6000	2.5*10 ⁻⁵	155	
	38	28			2.5	3500	5800	8*10 ⁻⁵	240

Ordering Example: GOOFSMP26 - 8 * 10 - 100 PCS
 Model no. Ød1 Ød2 Q'ty

GOOFSCP



- Operating temperature : -40°C~90°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.
- FSCP lock torque of clamping screw is 5.4 (N · m) based on shaft dia (Ød1, Ød2) over Ø16.
- Available options for key way per inner diameter is bigger than 6mm. (Refer to page 38)



Component	Material	Accessories
Main frame	SUS303	Hexagon Socket Screw
Spacer	Carbon resin	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2																ØD	ØD1	ØD2	Ød3	L	L1	A	F	Clamping screw	
Model No.	ØD	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18	20										M	Lock torque (N·m)
GOOFSCP	15	*	*	*													14.5	15	16	5.0	18.4	6.6	4.5	3.2	2.5	1.0	
	17		*	*	*												16.8	17.5	19	7.2	24.4	9	5	4	3	1.8	
	20			*	*	*	*	*	*								20	21	23	8.2	27.2	10	7	4.5			
	26			*	*	*	*	*	*	*	*						26	27	29	12	30.4	11.5	8.4	5	4	3.0	
	30						*		*	*	*	*					30	31	32	13	33	12	9	6	4	4.5	
	34									*	*	*	*	*	*		34	35	37	13	34	13	11		5	8.0	
	38									*	*	*	*	*	*	*	38	41	41	17	40	15	13.7	7			

★Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment			Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
GOOFSCP	15	1.6	3	0.8	±0.45	90	10000	5.0*10 ⁻⁷	15
	17	2.2		1	±0.55	250		1.0*10 ⁻⁶	28
	20	3.2		1.5	±0.6	340	8000	2.4*10 ⁻⁶	40
	26	6		2		420	6500	8.0*10 ⁻⁶	85
	30	15		2.5		1200	6200	2.0*10 ⁻⁵	100
	34	16				2400	6000	2.5*10 ⁻⁵	155
	38	18				3500	5800	8.0*10 ⁻⁵	240

© FSMP&FSCP spacer selection, please refer to P.42

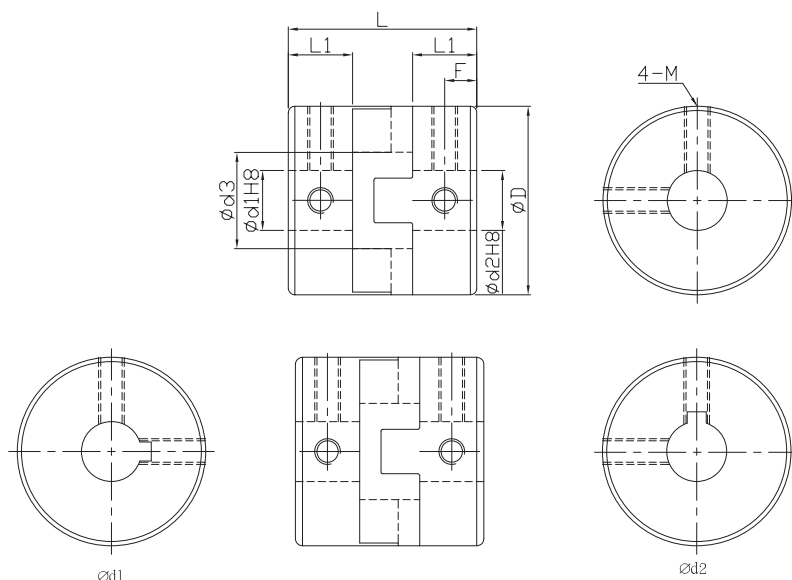
Ordering Example:	GOOFSCP26	10	12	100 PCS
	Model no.	Ød1	Ød2	Q'ty

Flexible | Oldham Coupling



GOOFAMJ

- Operating temperature : -20°C~80°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.
- Available options for key way per inner diameter is bigger than 6mm. (Refer to page 39)



FAMJLK(key way Ød1 side)

FAMJRK (key way Ød2 side)

FAMJWK (key way Ød1 and Ød2 side)

Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Nylon Set Screw
Spacer	Black (POM)	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2												Ød3	L	L1	F	Set screw	
Model No.	ØD	14	15	16	18	20	22	25	26	28	30	35	38					M	Lock torque (N·m)
GOOFAMJ	44	•	•	•	•	•	•							22.5	44	15	7.5	6	7.0
	55				•	•	•	•						28	55	19	9.5	8	15.0
	70						•	•		•	•	•	•	39	75	25	12.5	10	30.0

★Moment of inertial torque and weight calculated by maximum diameter.

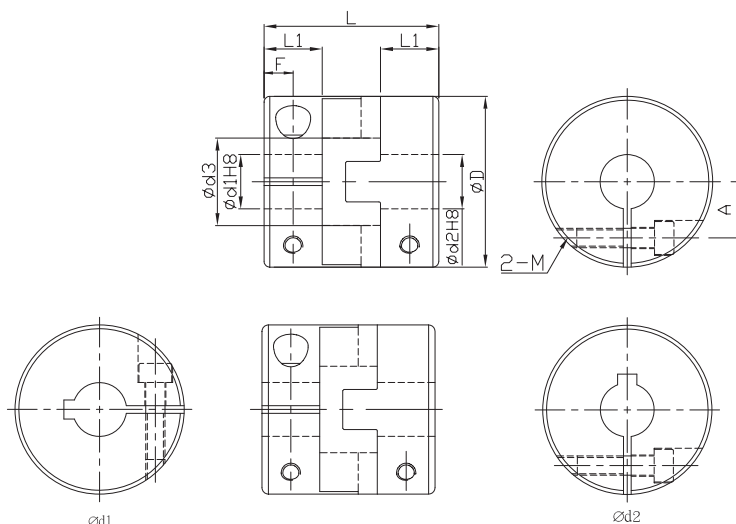
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)				
GOOFAMJ	44	30	2	1	1500	12000	4*10 ⁻⁵	140
	55	45		1.5	2800	10000	11*10 ⁻⁵	260
	70	80		2	4800	8000	40*10 ⁻⁵	450

Ordering Example: GOOFAMJ44 - 18 - 22 - 100 PCS
 Model no. Ød1 Ød2 Q'ty

GOOFACJ



- Operating temperature : -20°C~80°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.
- Select bigger lock torque of clamping screw than listed values on catalogs when shaft diameter is too small.
- List torque tightness values are only for general standard.
- Available options for key way per inner diameter is bigger than 6mm. (Refer to page 39)



FACJLK (key way Ød1 side)
 FACJRK (key way Ød2 side)
 FACJWK(key way Ød1 and Ød2 side)

Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Spacer	Black (POM)	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2										Ød3	L	L1	F	A	Clamping screw	
Model No.	ØD	14	15	16	18	20	22	25	28	30	35						M	Lock torque (N·m)
GOOFACJ	44	•	•	•	•	•						22.5	44	15	7.5	14.5	5	*8.4
	55				•	•	•	•				28	55	19	9.5	17	6	*14.4
	70						•	•	•	•	•	39	75	25	12.5	24	8	*30.0

★Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)				
GOOFACJ	44	26	2	1	1500	12000	4*10 ⁻⁵	140
	55	40		1.5	2800	10000	11*10 ⁻⁵	260
	70	72		2	4800	8000	40*10 ⁻⁵	450

©FAMJ&FACJ spacer selection, please refer to P.43

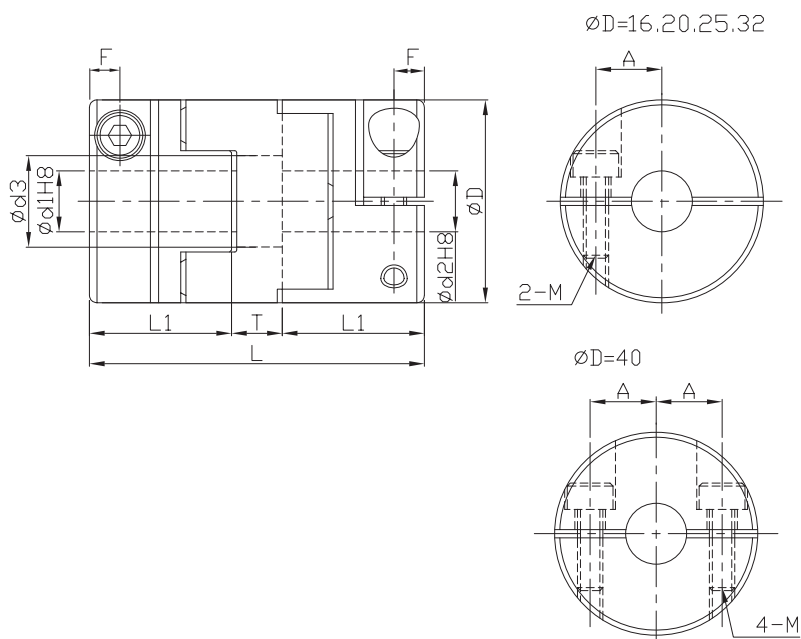
Ordering Example:	GOOFACJ44	16	18	100 PCS
	Model no.	Ød1	Ød2	Q'ty

Flexible | Oldham Coupling

GOOFACPL



- Operating temperature : -20°C~80°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Spacer	(POM)	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2														Ød3	L	L1	T	F	A	Clamping screw Set screw	
Model No.	ØD	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	M							Lock torque (N·m)	
GOOFACPL	16	•	•	•											7	29	13	3	3	5	2.5	1	
	20		•	•	•	•	•								9	33	14	5		6.5			
	25			•	•	•	•	•	•						11	39	17	5	3.8	9	3	1.5	
	32						•	•	•	•	•	•			14.5	45	19	7	4.5	11	4	2.5	
	40											•	•	•	•	17	50	23	4	7	13	5	4

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)				
GOOFACPL	16	0.7	3	1.0	31	9500	5.8*10 ⁻⁷	12
	20	1.2		1.5	60	7600	1.5*10 ⁻⁶	19
	25	2		2.0	140	6100	4.4*10 ⁻⁶	36
	32	4.5		2.5	280	4800	1.4*10 ⁻⁵	69
	40	9		3.0	540	3800	4.1*10 ⁻⁵	130

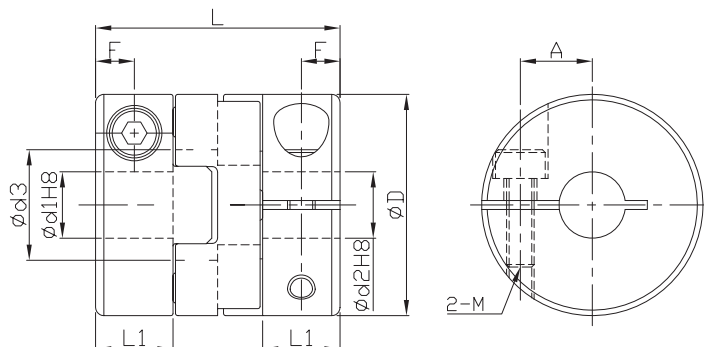
Ordering Example:

GOOFACPL16 - 8 - 10 - 100 PCS
Model no. Ød1 Ød2 Q'ty

GOOFACPS



- Operating temperature : -20°C~80°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Spacer	(POM)	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2												Ød3	L	L1	F	A	Clamping screw Set screw	
Model No.	ØD	3	4	5	6	6.35	7	8	9.525	10	11	12	14						M	Lock torque (N·m)
GOOFACPS	12	•	•	•										6	14.9	5	2.5	4	2	0.5
	16	•	•	•	•									8	21			5	2.5	1
	20			•	•	•	•	•						10	22	7	3.5	6.5		
	25					•	•	•	•	•				14	27.2	8	4	9	3	1.5
	32						•	•	•	•	•	•	•	18	33.3	10	5	11	4	2.5

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)				
GOOFACPS	12	0.2	2	0.6	9	13000	7.1×10^{-8}	3
	16	0.4		1.0	30	9500	3×10^{-7}	8
	20	0.7		1.3	47	7600	7.4×10^{-7}	13
	25	1.2		1.5	85	6100	2.2×10^{-6}	24
	32	2.8		2.0	190	4800	7.3×10^{-6}	48

© FACPL&FACPS spacer selection, please refer to P.44

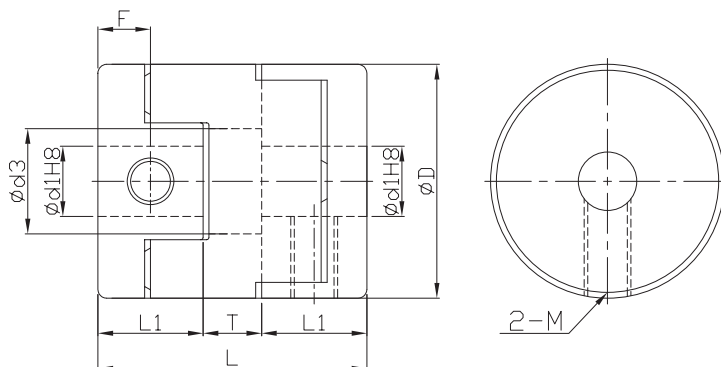
Ordering Example: GOOFACPS25 - 8 - 10 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Oldham Coupling



GOOFAMN

- Operating temperature : -20°C~80°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Nylon Set Screw
Spacer	(POM)	—	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2														Ød3	L	L1	T	F	Clamping screw Set screw	
Model No.	ØD	3	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	Ød3	L	L1	T	F	M	Lock torque (N·m)
GOOFAMN	16	•	•	•	•	•										7	18	7	4	3.5	3	0.7
	20		•	•	•	•	•	•								9	23	9	5	4.5	4	1.7
	25			•	•	•	•	•	•							11	28	11	6	5.5	5	4
	32							•	•	•	•	•	•			14.5	33	13	7	6.5	6	7
	40							•	•	•	•	•	•	•		17	32	14	4	7		

★ Moment of inertial torque and weight calculated by maximum diameter.

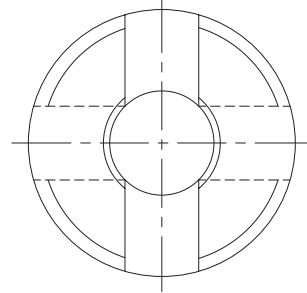
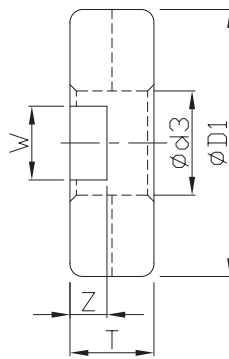
Specification		Allowable Wrench Torque (N·m)	Allowable Misalignment		Static Torsional Stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD		Angular (°)	Parallel (mm)				
GOOFAMN	16	0.7	3	1.0	31	9500	3.2*10 ⁻⁷	7
	20	1.2		1.5	60	7600	1.0*10 ⁻⁶	14
	25	2		2.0	140	6100	3.0*10 ⁻⁶	27
	32	4.5		2.5	280	4800	9.5*10 ⁻⁶	50
	40	9		3.0	540	3800	2.3*10 ⁻⁵	80

◻ FAMN spacer selection, please refer to P.44

Ordering Example:	GOOFAMN25	6	8	100 PCS
	Model no.	Ød1	Ød2	Q'ty

Flexible | Oldham Coupling

GOOFS-PC

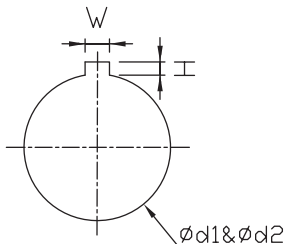


◆ Spacer

Material : carbon resin

Dimensions		ØD1	T	Ød3	W	Z	Coupling
Model No.	ØD						
GOOFS-PC	6	6.2	2.2	2.4	1.3	1.3	FSMP6
	8	8.2	2.4	3.4	1.6	1.5	FSMP8
	10	10.2	2.6	4.4	1.6	1.6	FSMP10
	12	12.5	3.8	4.0	3	1.8	FSMP12
	15	15	4.8	5.0	3.4	2.3	FSMP15 FSCP15
	17	17.5	6	7.2	4.6	2.9	FSMP17 FSCP17
	20	21	6.6	8.2	5.8	3.2	FSMP20 FSCP20
	26	27	7	12.0	7	4	FSMP26 FSCP26
	30	31	8.5	13.0	7	4	FSMP30 FSCP30
	34	35	7	13.0	7	4	FSMP34 FSCP34
	38	41	9.5	16.0	7	4	FSMP38 FSCP38

◆ W dimension is made in strict standard, and inter-inlaid adjustment.

Ordering Example: FS-PC 26
Model no. ØD


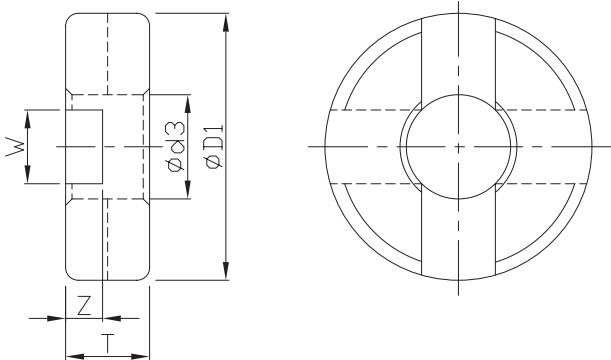
◆ Key way dimensions (keyway is unsuitable for flexible coupling-spiral beam type & rigidity coupling)

Shaft dia. Ød1 · Ød2	w		H		Key dimensions W*H
	Datum dimension	Allowable Tolerance	Datum dimension	Allowable tolerance	
6~7.9	2	±0.0125	1.0	+0.1 0	2*2
8~10	3		1.4		3*3
10.1~12	4		1.8		4*4
12.1~17	5	±0.0150	2.3		5*5
17.1~20	6		2.8		6*6

Oldham Spacer | Black POM

Product Introduction

Couplings

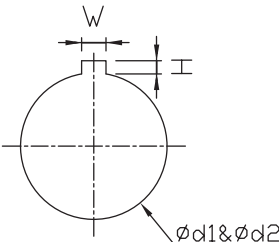


◆ Spacer

Material : Polyacetal (POM)

Dimensions		ØD1	T	Ød3	W	Z	Coupling
Model No.	ØD						
GOOFS-PP	44	44.3	14	22.5	10.4	9	FAMJ44 FACJ44
	55	55	17	28	13	11	FAMJ55 FACJ55
	70	69	25	39	15	16.5	FAMJ70 FACJ70

Ordering Example: FS-PP 44
Model no. ØD

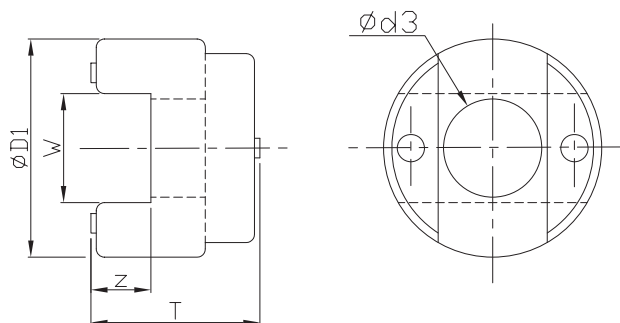


◆ Key way dimensions (keyway is unsuitable for flexible coupling-spiral beam type & rigidity coupling)

Shaft dia. Ød1 · Ød2	w		H		Key dimensions W*H
	Datum dimension	Allowable tolerance	Datum dimension	Allowable tolerance	
14~17	5	±0.0150	2.3	+0.1	5*5
17.1~22	6		2.8	0	6*6
22.1~30	8	±0.0180	3.3	+0.2	8*7
30.1~42	10			0	10*8

Oldham Spacer | Black POM

GOOFA-PB



◆ Spacer

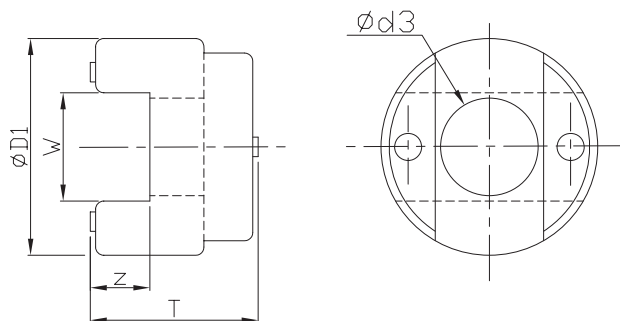
Material : Polycetal (POM)

Dimensions		ØD1	T	Ød3	W	Z	Coupling
Model No.	ØD						
GOOFA-PB	16	16	12	7	8	4.5	FAMN16 FACPL16
	20	20	15	9	10	5.5	FAMN20 FACPL20
	25	25	18	11	12	6.5	FAMN25 FACPL25
	32	32	21	14.5	15	7.5	FAMN32 FACPL32
	40	40	18	17	19	7.5	FAMN40 FACPL40

Ordering Example:

FA-PB	32
Model no.	ØD

GOOFA-PG



◆ Spacer

Material : Polycetal (POM)

Dimensions		ØD1	T	Ød3	W	Z	Coupling
Model No.	ØD						
GOOFA-PG	12	12	4.9	6	4	2.5	FACPS12
	16	16	7	8	5	3.5	FACPS16
	20	20	8	10	7	4	FACPS20
	25	25	11.2	14	9	5.5	FACPS25
	32	32	13.3	18	10	6.5	FACPS32

Ordering Example:

GOOFA-PG	32
Model no.	ØD

Flexible | Jaw Coupling

GOOFAME



(B)

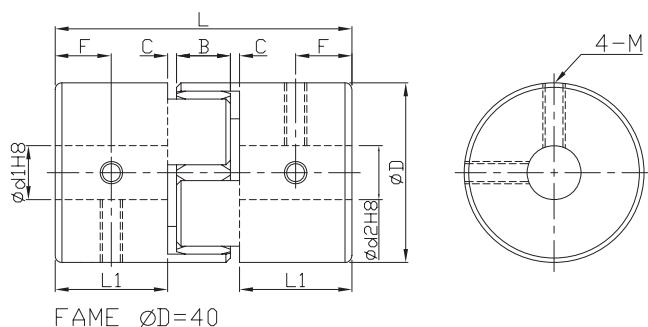
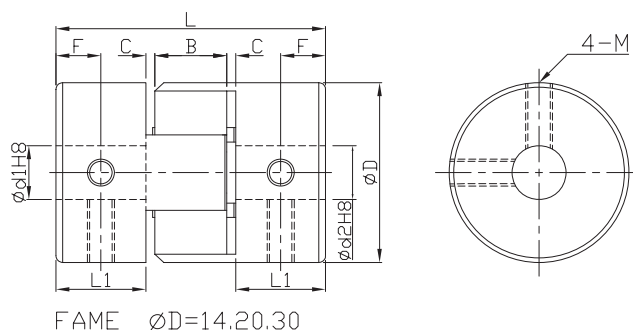


(W)



(R)

- Operating temperature : -20°C~60°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Lylon Set Screw
Spider	TPEE	—	

★ Dimension "C", must be previously reserved while assembly by users, otherwise it would affect allowed deflection, accelerating shaft and coupling damage.

Dimensions		Spider (color selection)	Ød1&Ød2 selection *Ød1 ≤ Ød2														L	L1	B	C	F	Set screw	
Model No.	ØD		3	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16						M	Lock torque (N.m)
GOOFAME	14	B (Blue)	•	•	•	•											22	7	6	1	3.5	3	0.7
	20	W (White)			•	•	•	•	•								30	10	8		5		
	30							•	•	•	•	•	•				35	11	10	1.5	5.5	4	1.7
	40	R (Red)									•	•	•	•	•	•	66	25	12	2	12.5	5	4

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N-m)			Allowable Misalignment					Static Torsional Stiffness (N-m/rad)			Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg-m ²)	★ Weight (g)
Model No.	ØD				Angular (°)	Parallel (mm)			Axial (mm)	B	W	R			
		B	W	R		B	W	R							
GOOFAME	14	0.7	1.2	2	1.0	0.15	0.10	0.10	+0.6 0	8	14	22	27000	2.1*10 ⁻⁷	7.3
	20	1.8	3	5		0.20	0.15		+0.8 0	16	29	55	19000	1.0*10 ⁻⁶	18
	30	4	7.5	12.5		0.20	0.15		+1.0 0	46	73	130	13000	5.9*10 ⁻⁶	46
	40	4.9	10	17		0.15	0.10		+1.2 0	380	570	1200	9600	4.0*10 ⁻⁵	150

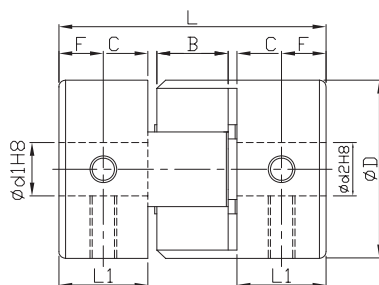
Ordering Example: GOOFAME30 - 10 - 12 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Jaw Coupling

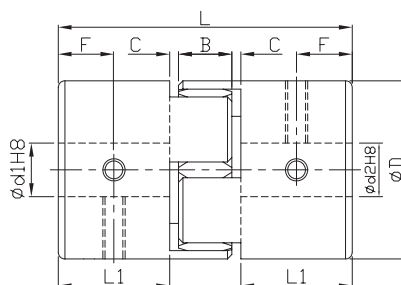
GOOFAMK



- Operating temperature : -20°C~60°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



F AMK ØD=30



F AMK ØD=40

Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Lylon Set Screw
Spider	TPEE	—	

★ Dimension "C", must be previously reserved while assembly by users, otherwise it would affect allowed deflection, accelerating shaft and coupling damage.

Dimensions		Spider (color selection)	Ød1&Ød2 selection *Ød1 ≤ Ød2						L	L1	B	C	F	Set screw	
Model No.	ØD		10	11	12	14	15	16						M	Lock torque (N·m)
GOOFAMK	30	B (Blue)	•	•	•	•			35	11	10	1.5	5.5	4	1.7
		W (White)													
	40	R (Red)	•	•	•	•	•	•	66	25	12	2	12.5	5	4

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)			Allowable Misalignment					Static Torsional Stiffness (N·m/rad)			Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD				Angular (°)	Parallel (mm)			Axial (mm)	B	W	R			
		B	W	R		B	W	R		B	W	R			
GOOFAMK	30	4	7.5	12.5	1.0	0.20	0.15	0.10	+1.00 0	46	73	130	5100	5.8*10 ⁻⁶	45
	40	4.9	10	17		0.15	0.10		+1.20 0	380	570	1200	3800	3.8*10 ⁻⁵	150

©FAME&FAMK spider selection and installation remark please refer to P.51

Flexible | Jaw Coupling

GOOFACE



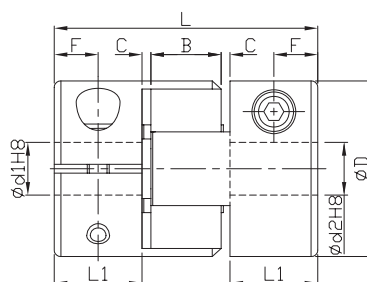
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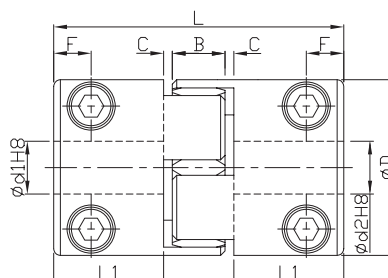
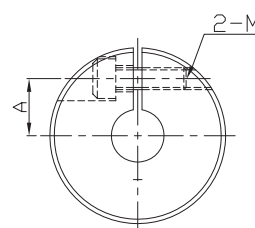
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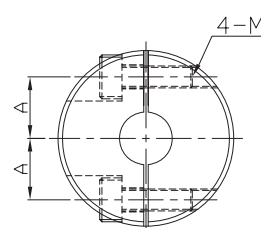
(R)



FACE ØD=14.20.30



FACE ØD=40



- Operating temperature : -20°C~60°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.

Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Spider	TPEE	—	

★ Dimension "C", must be previously reserved while assembly by users, otherwise it would affect allowed deflection, accelerating shaft and coupling damage.

Dimensions		Spider (color selection)	Ød1&Ød2 selection *Ød1 ≤ Ød2														L	L1	B	C	F	A	Clamping screw	
Model No.	ØD		3	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16							M	Lock torque (N·m)
GOOFACE	14	B (Blue)	•	•	•												22	7	6	1	3.5	4	2	0.5
	20	W (White)			•	•	•	•	•								30	10	8		5	6.5	2.5	1
	30							•	•	•	•	•	•				35	11	10		5.5	10	4	2.5
	40	R (Red)									•	•	•	•	•	•	66	25	12		8.5	14	5	4

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)			Allowable Misalignment						Static Torsional Stiffness (N·m/rad)			Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
Model No.	ØD				Angular (°)			Parallel (mm)								
		B	W	R				B	W	R	B	W	R			
GOOFACE	14	0.7	1.2	2	1.0	0.15	0.10	0.10	+0.6 0	8	14	22	11000	1.6*10 ⁻⁷	6	
	20	1.8	3	5		0.20	0.15		+0.8 0	16	29	55	7600	1.1*10 ⁻⁶	19	
	30	4	7.5	12.5		0.20	0.15		+1.0 0	46	73	130	5100	6.2*10 ⁻⁶	50	
	40	4.9	10	17		0.15	0.10		+1.2 0	380	570	1200	3800	3.9*10 ⁻⁵	160	

Ordering Example: GOOFACE14 - 10 - 12 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Jaw Coupling

GOOFAK



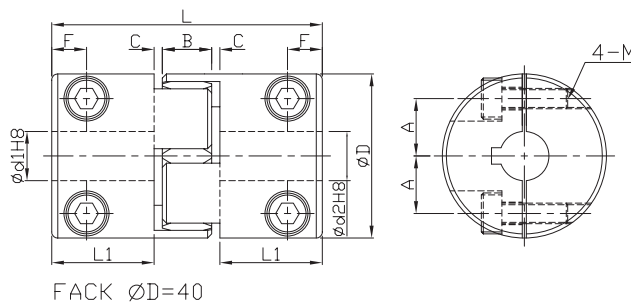
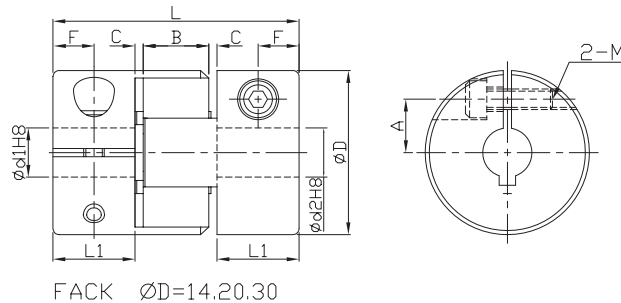
(B)



(W)



(R)



- Operating temperature : -20°C~60°C
- Offset, deflection, shaft deviation are individual allowed values, so axial offsets in all reasons appearing at same time would reduce values.

Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Spider	TPEE	—	

★ Dimension "C", must be previously reserved while assembly by users, otherwise it would affect allowed deflection, accelerating shaft and coupling damage.

Dimensions		Spider (color selection)	Ød1&Ød2 selection *Ød1 ≤ Ød2						L	L1	B	C	F	A	Clamping screw	
Model No.	ØD		10	11	12	14	15	16							M	Lock torque (N.m)
GOOFAK	30	B (Blue)	•	•	•				35	11	10	1.5	5.5	10	4	2.5
		W (White)														
	40	R (Red)	•	•	•	•	•	•	66	25	12	2	8.5	14	5	4

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)			Allowable Misalignment					Static Torsional Stiffness (N·m/rad)			Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	★ Weight (g)
					Angular (°)	Parallel (mm)			Axial (mm)						
Model No.	ØD	B	W	R		B	W	R		B	W	R			
GOOFAK	30	4	7.5	12.5	1.0	0.20	0.15	0.10	+1.0 0	46	73	130	5100	4.2*10 ⁻⁶	50
	40	4.9	10	17		0.15	0.10		+1.2 0	380	570	1200	3800	3.7*10 ⁻⁵	160

©FACE&FACK spider selection and installation remark please refer to P.51

Ordering Example: GOOFAK30 - 10 - 12 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Jaw Coupling

GOOFACE

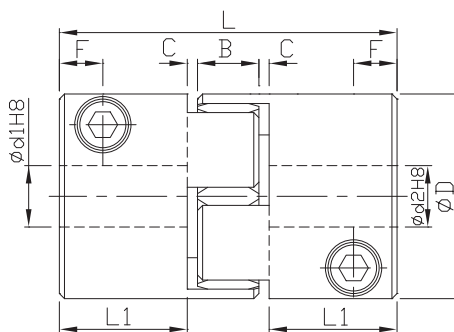


(W)

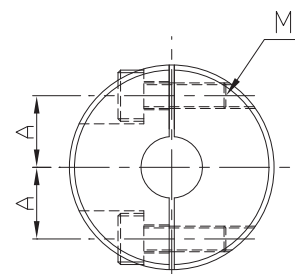


(R)

- Operating temperature : -20°C~90°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.
- Key way available on request per indicated as LK(Ød1 bore), RK(Ød2 bore), WK(Ød1.Ød2 bore)



FACE D=55.65.80



Component	Material	Surface Finish	Accessories
Main frame	Aluminum Alloy	Anodized	Hexagon Socket Screw
Spider	TPEE	—	

Size		Spider Elastic strength (Color)	Ød1&Ød2 selection* Ød1 ≤ Ød2							L	L1	B	C	F	A	Clamping screw	
Model	ØD		16	20	24	32	35	40	42							M	Lock Torque (N·m)
GOOFACE	55	92sh A(W) 98sh A(R)	•	•	•					78	30	14	2	10.5	20	M6	10.5
	65		•	•	•	•	•			90	35	15	2.5	11.5	25	M8	25
	80		•	•	•	•	•	•	•	114	45	18	3	15.5	25	M8	30

★ Moment of inertial torque and weight calculated by maximum diameter.

Specifications		Allowable Torque (N·m)		Allowable Angle Mis-alignment	Allowable Parallel Mis-alignment (mm)		Allowable Axile Mis-alignment (mm)	Static torsional stiffness (N·m/rad)		Max. RPM (r/min ⁻¹)	Moment of inertia (kg·m)	Weight (g)
Model	ØD	R	W		R	W		R	W			
GOOFACE	55	60	35	0.9°	0.1	0.1	1.2	2600	1600	8650	1.6*10 ⁻⁴	330
	65	160	95					4900	3000	7350	3.8*10 ⁻⁴	560
	80	325	190					6500	5300	5950	1.0*10 ⁻³	560

Ordering Example:

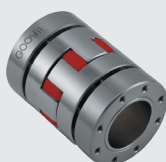
GOOFACE65 - 24 - 55 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Flexible | Jaw Coupling

GOOFASE

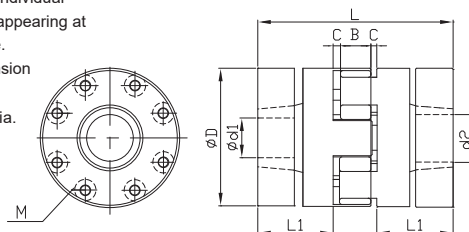


(W)



(R)

- Operating temperature : -20°C~90°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.
- Zero rotation backlash and high precision expansion sleeve design.
- Aluminum sleeve, light and low rotatory inertia.
- Tighted axle to have high friction torque.
- Stable rotation in maximum speed to 40m/s.



Component	Material	Surface finished	Accessories
Main frame	Aluminum	Anodized	Hexagon Socket Screw
Spider	TPEE	—	

Size		Spider Elastic strength (Color)	ØDd1&Ød2 selection *Ød1≤ Ød2								L	L1	B	C	Cinch Bolt		
Model	ØD		16	20	24	26	28	29	32	36					38	M	Lock Torque (N·m)
GOOFASE GOOFCSE	55	92sh A(W) 98sh A(R)	●	●	●							78	30	14	2	M5	6
	65					●	●	●	●	●	●	90	35	15	2.5	M5	7
	80					●	●	●	●	●	●	114	45	18	3	M6	12
	95						●	●	●	●	●	126	50	20	3	M8	30

★Moment of inertial torque and weight calculated by maximum diameter.

Specifications		Allowable Torque (N·m)		Allowable Angle Misalignment	Allowable Parallel Misalignment (mm)		Allowable Axle Misalignment (mm)	Static Torsional Stiffness (N·m/rad)		Max. RPM (r/min ⁻¹)	Moment of Inertia (kg·m)	Weight (g)
Model	ØD	R	W		R	W		R	W			
GOOFASE	55	60	35	0.9°	0.1	0.1	1.2	2600	1600	8650	0.78×10^{-4}	162
	65	160	95				1.2	2600	1600	7350	1.70×10^{-4}	240
	80	325	190				1.2	4900	3000	5950	5.17×10^{-4}	490
	95	450	265				1.2	2600	1600	5000	11.7×10^{-4}	772

GOOFCSE

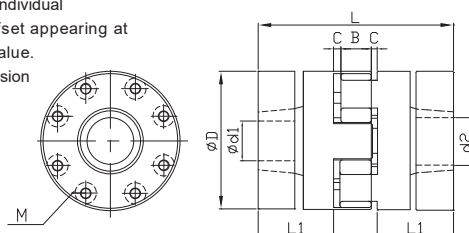


(W)



(R)

- Operating temperature : -20°C~90°C
- Offset of angular, parallel, or axial deviation are individual allowed value , so couple reasons of axial offset appearing at same time would reduce the unit allowable value.
- Zero rotation backlash and high precision expansion sleeve design.
- Tighted axle to have high friction torque.
- Stable rotation in maximum speed to 40m/s.



Component	Material	Surface finished	Accessories
Main frame	Mid-carbon steel	Black dyed	Hexagon Socket Screw
Spider	TPEE	—	

Specifications		Allowable Torque (N·m)		Allowable Angle Misalignment	Allowable Parallel Misalignment (mm)		Allowable Axle Misalignment (mm)	Static Torsional Stiffness (N·m/rad)		Max. RPM (r/min ⁻¹)	Moment of Inertia (kg·m)	Weight (g)
Model												
GOOFCSE	55	60	35	0.9°	0.1	0.1	1.2	2600	1600	6950	1.91×10^{-4}	399
	65	160	95				1.2	2600	1600	5850	4.18×10^{-4}	592
	80	325	190				1.2	4900	3000	4758	12.9×10^{-4}	1225
	95	450	265				1.2	2600	1600	4000	31.7×10^{-4}	2300

Ordering Example:

GOOFCSE80 - 28 * 36 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Jaw Spider

Jaw Spider

Model No.	ØD	Coupling		Shape diagram	Colour	Hardness JIS A (Shore A standard)
GOOFS-B GOOFS-W GOOFS-R	14	GOOFAME14	GOOFACE14		B= Blue W= White R= Red	B=80 W=92 R=98
	20	GOOFAME20	GOOFACE20			
	30	GOOFAME30 GOOFACE30	GOOFAMK30 GOOFACK30			
	40	GOOFAME40 GOOFACE40	GOOFAMK40 GOOFACK40	  		

Model No.	ØD	Coupling	Shape diagram	Colour	Hardness JIS A (Shore A standard)	Remark
GOOFS-W GOOFS-R	55	GOOFACE		W=White R =Red	92 shA 98 shA	Spider colour might be red or green base on same hardness
	65					
	80					
	55					
	65	GOOFASE				
	80					
	95					
	55	GOOFCSE				
	65					
	80					
	95					

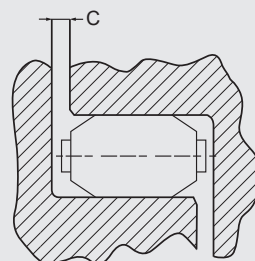
Ordering Example: GOOFS-W 30
Model no. ØD

Shore Hardness (Shore A)

- ◆ Spiders are available used for set screw type and clamping type.
- ◆ Larger hardness has better sensibility in angular transmission.
Smaller hardness has better vibration absorbability.
- ◆ Additional remark of installation of Flexible couplings integrated with Jaw Spiders :

Flexible couplings (integrated with Jaw Spiders), model number FAME, FAMK, FACE, FACK series need to reserve "C" dimension while assembling.

This would ensure coupling the function and usage life of Jaw Spiders, as well as keeping isolation feature of the coupling.



Spacer Material Comparison

Polyacetal plastic(POM)

Polyacetal(Abbr. POM), also called Plastic steel.

POM character : Polyoxymethylene is a kind of thermal plasticity polymer, having good physical, mechanical and chemical functions. It has high hardness, rigidity in very wide range of temperature. Secondly, resisted strength, fatigue resistance, creep resistance are excellent as well, especially outstanding dimension stability and durability; besides, polyoxymethylene has advantages of small friction factor, good durability, dispens-able lubricant, good organic solvent-resistance, low absorbent ability etc.... Long-term using in the range of -40~104℃. In addition, polyoxymethylene has better corro-sion resistance.

Urethane(PU)

PU glue is also called polyurethane

Polyurethane application is kind of flexible polymer, used as elastic resilience and damping in shock absorber. Generally, polyurethane suits for terrains with collision from small to medium level most, and adjustable polyurethane makes perfect effect. Urethane glue is water-resistant, abrasion-resist, high mechanism strength, and product hardness adjusted by purposes, high elasticity, good shock absorbability, no hurting machine tools, a excelent anti-collision material.

Highly wear-resisting copper alloy

Highly wear-resisting copper alloy(aluminum bronze(C6161))

High tensile-resist strength, wear-resistance, and offer various extruded materials, forged materials, centrifugal rolls, and applied to gear, bearing, bushing, slide panel, plastic mould, electrode heads....etc.

Character chart for plastic material

Material	Specific gravity	Thermal distortion temperature	Flammability	Feature		Purpose
				Advantage	Defect	
POM	1.14 ~ 1.43	Homopolymer	Flammable	1. Tough · flexible	1. Low anti-ultraviolet	1. Parts in industry load
				2. CLIP character · excelent fatigue resistance	2. Heat dissolution and formaldehyde gas produced	2. Automobile · electric parts
				3. Self-lubricity, low abrasion-resistance	3. Low anti-acid	3. toy parts
				4. Drug tolerance		4. Substitute for metal
				5. Good heat-resistance		
PU	1.11 ~ 1.24	Softening point	Flammable	1. Good abrasion-resistance	1. Softness in low level · easily stuck while demolding and shrink.	1. Shoes and sports utilities
				2. Climate-resistant and low temperature-resistant (-35℃~50℃)	2. Long dried time for materials	2. Shock absorb, noise elimination, bushing
				3. anti-oxygen, ozone aging characters		3. Grip and grasp with soft-touch feeling
				4. Good tensile rate of bending strength		
				5. Adjustable toughness		

Remark of plastic spacer corrsponding to environment temperature.

Plastic spacer series include rubber or plastic parts. These model no. must be used in operating temperature range indicated on our catalogs. If temperature over 30℃, max. torque and allowable torque shall be corrected by factors as listed below.

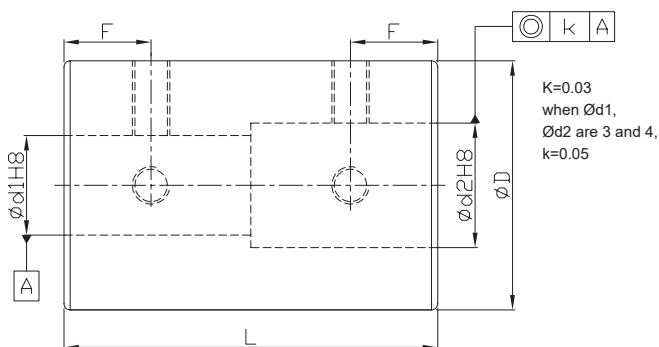
Environment temperature	Corrective factor
-20℃ ~ 30℃	1.00
30℃ ~ 40℃	0.80
40℃ ~ 60℃	0.70
60℃ ~ 100℃	0.55

Rigidity Coupling



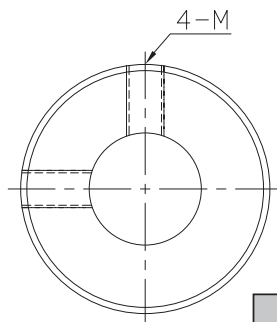
GOORAM

- Light, very low inertial and high sensibility.
- Maintenance free, super anti-oil and corrosion-resistance.



*When $\varnothing d1 < 4$ and $\varnothing d2 > 5$, there would be 3 set screws.

*When $\varnothing d1$ and $\varnothing d2$ both smaller than 4, there would be 2 set screws.



Material	Surface Finish	Accessories
Aluminum Alloy	Anodized	Nylon Set Screw

Dimensions		$\varnothing d1$ & $\varnothing d2$ selection * $\varnothing d1 \leq \varnothing d2$													L	F	M Rough thread
Model No.	$\varnothing D$	3	4	5	6	8	10	11	12	14	15	16	18	20			
GOORAM	16	•	•	•	•										24	6	3
	20			•	•	•	•								30	7	
	25					•	•	•	•						36	9	4
	32								•	•	•	•			41	10	
	40										•	•	•	•	44	10.5	

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	$\varnothing D$					
GOORAM	16	0.3	24000	4.4×10^{-7}	0.7	11
	20	0.5	19000	1.3×10^{-6}		20
	25	1	15000	3.9×10^{-6}	1.7	39
	32	2	12000	1.2×10^{-5}		71
	40	4	4000	1.5×10^{-5}	4	120

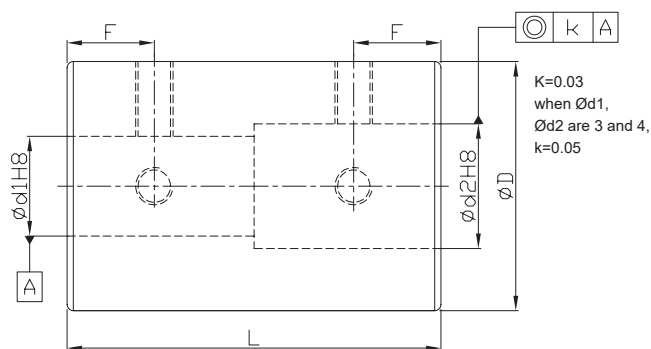
Ordering Example: GOORAM20 - 6 - 8 - 100 PCS
Model no. $\varnothing d1$ $\varnothing d2$ Q'ty

Rigidity Coupling

GOORMS

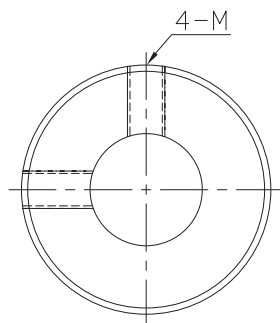


- Light, very low inertial and high sensibility.
- Maintenance free, super anti-oil and corrosion-resistance.



*When $\text{Ød1} < 4$ and $\text{Ød2} > 5$, there would be 3 set screws.

*When Ød1 and Ød2 both smaller than 4, there would be 2 set screws.



Material	Accessories
SUS303	Nylon Set Screw

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2											L	F	M
Model No.	ØD	3	4	5	6	8	10	11	12	14	15	16			Rough thread
GOORMS	16	•	•	•	•								24	6	3
	20			•	•	•	•						30	7	
	25					•	•	•	•				36	9	4
	32								•	•	•	•	41	10	

★ Moment of inertial torque and weight calculated by maximum diameter.

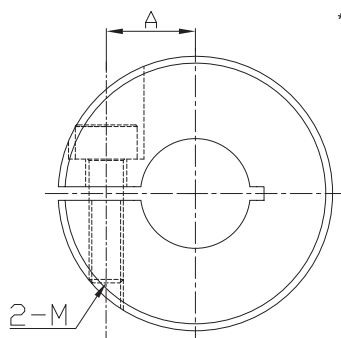
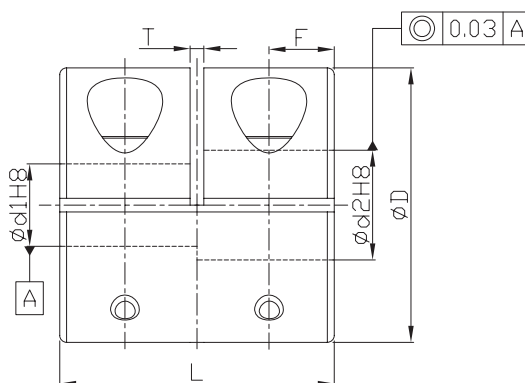
Specification		Allowable Wrench Torque (N·m)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD					
GOORMS	16	0.3	24000	1.2*10 ⁻⁶	0.7	28
	20	0.5	19000	3.5*10 ⁻⁶		54
	25	1	15000	1.0*10 ⁻⁵	1.7	100
	32	2	12000	3.1*10 ⁻⁵		190

Ordering Example: GOORMS20 - 6 - 8 - 100 PCS
 Model no. Ød1 Ød2 Q'ty

Rigidity Coupling



- Light, very low inertial and high sensibility.
- Maintenance free, super anti-oil and corrosion-resistance.
- Beam type with no allowable offset almost, please show the axis entirely in operating.



* $\varnothing d1$ & $\varnothing d2$ tolerance are defined before machining.

Material	Surface Finish	Accessories
Aluminum alloy	Anodized	Hexagon Socket Screw

Dimensions		$\varnothing d1$ & $\varnothing d2$ selection * $\varnothing d1 \leq \varnothing d2$									L	A	T	F	M Rough thread
Model No.	$\varnothing D$	5	6	8	10	12	14	15	16	18					
GOORACS	16	•	•								16	5	1	3.75	2.5
	20		•	•							20	6.5		4.75	
	25			•	•						25	9		6	3
	32				•	•	•				32	11		7.75	4
	40						•	•	•	•	44	13	1.5	10.5	5

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	$\varnothing D$					
GOORACS	16	0.3	9500	3.0×10^{-7}	1	9
	20	0.5	7600	8.7×10^{-7}		15
	25	1	6100	2.7×10^{-6}	1.5	29
	32	2	4800	7.1×10^{-6}	2.5	61
	40	4	4000	1.5×10^{-5}	7	120

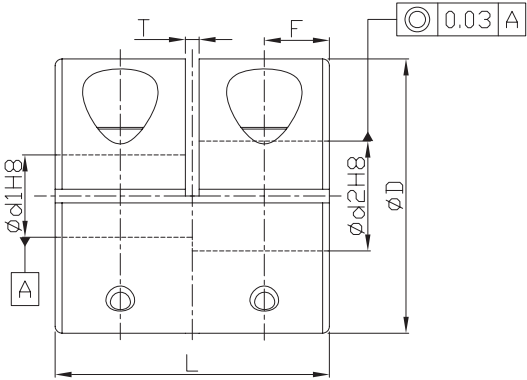
Ordering Example: GOORACS32 - 10 - 12 - 100 PCS
Model no. $\varnothing d1$ $\varnothing d2$ Q'ty

Rigidity Coupling

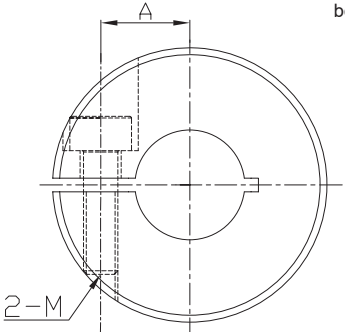
GOORSCS



- Light, very low inertial and high sensibility.
- Maintenance free, super anti-oil and corrosion-resistance.
- Beam type with no allowable offset almost, please show the axis entirely in operating.



*Ød1&Ød2 tolerance are defined before machining.



Material	Accessories
SUS303	Hexagon Socket Screw

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2						L	A	T	F	M Rough thread
Model No.	ØD	5	6	8	10	12	14					
GOORSCS	16	•	•					16	5	1	3.75	2.5
	20		•	•				20	6.5		4.75	
	25			•	•			25	9		6	3
	32				•	•	•	32	11		7.75	4

★Moment of inertial torque and weight calculated by maximum diameter.

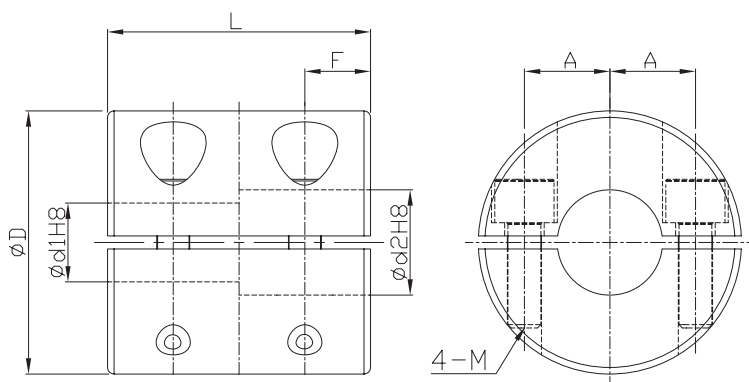
Specification		Allowable Wrench Torque (N·m)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD					
GOORSCS	16	0.3	9500	8.0*10 ⁻⁷	1	22
	20	0.5	7600	2.4*10 ⁻⁶		41
	25	1	6100	7.3*10 ⁻⁶	1.5	80
	32	2	4800	2.5*10 ⁻⁵	2.5	160

Ordering Example: GOORSCS20 - 6 - 8 - 100 PCS
Model no. - Ød1 - Ød2 - Q'ty

Rigidity Coupling



- Light, very low inertial and high sensibility.
- Maintenance free, super anti-oil and corrosion-resistance.
- Beam type with no allowable offset almost, please show the axis entirely in operating.



*Ød1&Ød2 tolerance are defined before machining.

Material	Surface Finish	Accessories
Aluminum Alloy	Anodized	Hexagon Socket Screw

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2						L	A	F	M
Model No.	ØD	5	6	8	10	12	14				
GOORAB	16	•	•					16	5	4	2.5
	20		•	•				20	6.5	5	
	25			•	•			25	9	6	3
	32				•	•	•	32	11	8	4

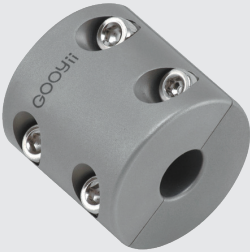
★Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD					
GOORAB	16	0.3	9500	3.2*10 ⁻⁷	1	8.8
	20	0.5	7600	8.7*10 ⁻⁷		15
	25	1	6100	2.7*10 ⁻⁶	1.5	29
	32	2	4800	9.3*10 ⁻⁶	2.5	61

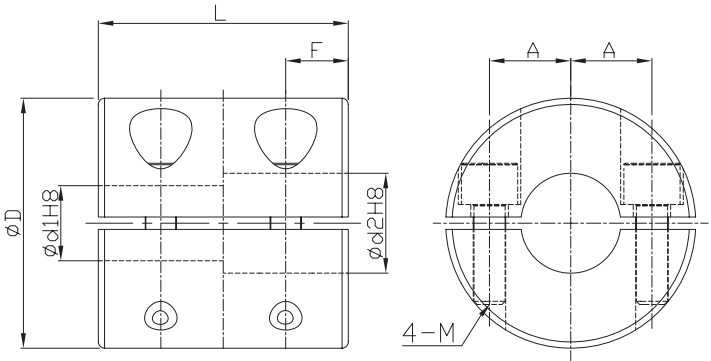
Ordering Example: GOORAB25 - 8 - 10 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Rigidity Coupling

GOORSB



- Light, very low inertial and high sensibility.
- Maintenance free, super anti-oil and corrosion-resistance.
- Beam type with no allowable offset almost, please show the axis entirely in operating.



*Ød1&Ød2 tolerance are defined before machining.

Material	Accessories
SUS303	Hexagon Socket Screw

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2						L	A	F	M
Model No.	ØD	5	6	8	10	12	14				
GOORSB	16	•	•					16	5	4	2.5
	20		•	•				20	6.5	5	
	25			•	•			25	9	6	3
	32				•	•	•	32	11	8	4

★Moment of inertial torque and weight calculated by maximum diameter.

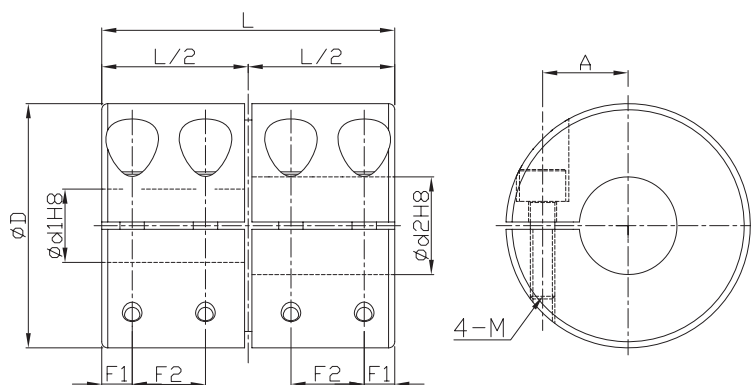
Specification		Allowable Wrench Torque (N·m)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD					
GOORSB	16	0.3	9500	8.2*10 ⁻⁷	1	22
	20	0.5	7600	2.4*10 ⁻⁶		41
	25	1	6100	7.3*10 ⁻⁶	1.5	80
	32	2	4800	2.5*10 ⁻⁵	2.5	160

Ordering Example: GOORSB20 - 6 - 8 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Rigidity Coupling



- Light, very low inertial and high sensibility.
- Maintenance free, super anti-oil and corrosion-resistance.
- Beam type with no allowable offset almost, please show the axis entirely in operating.



*Ød1&Ød2 tolerance are defined before machining.

Material	Surface Finish	Accessories
Aluminum Alloy	Anodized	Hexagon Socket Screw

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2						L	A	F1	F2	M
Model No.	ØD	5	6	8	10	12	14					
GOORACL	16	•	•					22	5	2.5	5.5	2
	20		•	•				24	7		6	
	25			•	•			36	9	4.5	9	2.5
	32				•	•	•	40	11	4	10	3

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD					
GOORACL	16	0.3	9000	3.4*10 ⁻⁷	0.5	10
	20	0.5	7000	9.2*10 ⁻⁷		18
	25	1	6000	3.4*10 ⁻⁶	1	38
	32	2	4500	1.0*10 ⁻⁵	1.5	70

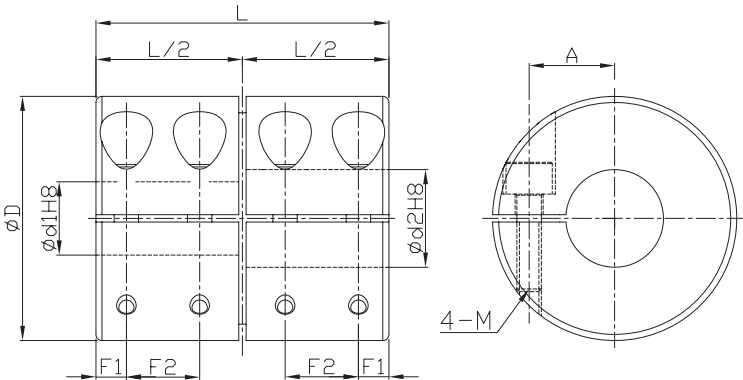
Ordering Example: GOORACL25 - 8 - 10 - 100 PCS
Model no. Ød1 Ød2 Q'ty

Rigidity Coupling

GOORSCL



- Light, very low inertial and high sensibility.
- Maintenance free, super anti-oil and corrosion-resistance.
- Beam type with no allowable offset almost, please show the axis entirely in operating.



*Ød1&Ød2 tolerance are defined before machining.

Material	Accessories
SUS303	Hexagon Socket Screw

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2						L	A	F1	F2	M
Model No.	ØD	5	6	8	10	12	14					
GOORSCL	16	•	•					22	5	2.5	5.5	2
	20		•	•				24	7		6	
	25			•	•			36	9	4.5	9	2.5
	32				•	•	•	40	11	4	10	3

★Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable Wrench Torque (N·m)	Max. RPM (r/min ⁻¹)	★ Moment of Inertia (kg·m ²)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ØD					
GOORSCL	16	0.3	9000	8.9*10 ⁻⁷	0.5	25
	20	0.5	7000	2.5*10 ⁻⁶		45
	25	1	6000	9.2*10 ⁻⁶	1	100
	32	2	4500	2.7*10 ⁻⁵	1.5	180

Ordering Example:

GOORSCL25	8	10	100 PCS
Model no.	Ød1	Ød2	Q'ty