

Couplings

-Short Oldham Clamping / Spacers-

Reduced
Days to Ship

Couplings

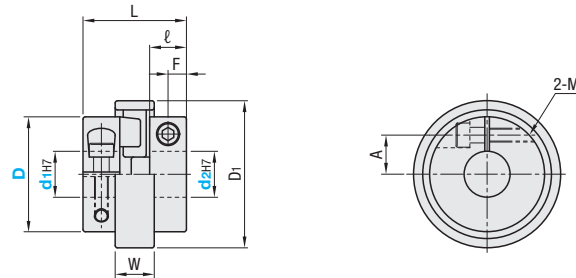
-Oldham - Blue Set Screw / Clamping / Green Short Clamping-

Super Short Oldham
Clamping type

SCOC



RoHS



- Operating Temperature -20°C~80°C
- d1, d2 tolerances are values before slits are machined.
- The allowable lateral/angular/axial misalignment values shown are for each to be individually occurring at a time. If all three are to be occurring simultaneously, allowable max. value of each will be 1/2.
- For the selection criteria and alignment procedures, see P957
- For installing, use Coupling O.A.L.L. $\frac{1}{2}$ as a reference.

Parts	M Material	S Surface Treatment	A Accessories
Hub	Aluminum Alloy	Clear Anodize	Hexagon Socket
Spacers	Polyacetal	-	Screw

Part Number		d1, d2 select (must be d1≤d2)								L	D1	W	ℓ	F	A	Clamp Screw		Unit Price
Type	D															M	Tightening Torque (Nm)	
SCOC	12	3	4	5					13.5	16	5.5	5	2.5	4	2	0.5		
	16	3	4	5	6				18	21.5	8	6.5	3.25	5.5	2.5	1.0		
	20	5			6	6.35	7	8	19	27	8.8	6.8	3.4	6.5				
	25	6			6.35	7	8	10	22.5	33.5	10.5	8	4	8.5	3	1.5		

Part Number Type	D	Allowable Torque (Nm)	Allowable Angular Misalignment (°)	Allowable Lateral Misalignment (mm)	Static Torsional Spring Constant (Nm/rad)	Max Rotational Speed (r/min)	Moment of Inertia (Kg-m ²)	Mass (g)
SCOC	12	0.3	1.5	0.3	18	12000	0.1x10 ⁻⁶	4
	16	0.8		0.5	55	9000	0.42x10 ⁻⁶	9
	20	1.0		1.0	95	6000	1.05x10 ⁻⁶	15
	25	1.6		1.2	162	5000	3.04x10 ⁻⁶	28



Example

Conventional Product (CPOCG)

(SCOC)

Couplings

Motors

SCOC type are up to 17% shorter in length compared to the conventional products, and can contribute to space saving design.

Order Example: Part Number - Shaft Bore Dia. d1 - Shaft Bore Dia. d2
SCOC25 - 8 - 10

Days to Ship: 6 Days Non-Returnable P88

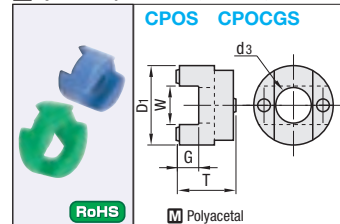
Express T \$4.00/piece
Express A \$2.00/piece P88

A flat charge of \$5.40 for 3 or more identical pieces. (Except T)



Price

Spacers (For: CPO, CPOC, CPOCG) P978



Part Number Type	No.	D1	T	d3	W	G	Applicable Couplings	Unit Price
CPOS	16	16	12	7	8	4.5	CP016, CPOC16	
	20	20	15	9	10	5.5	CP020, CPOC20	
	25	25	18	11	12	6.5	CP025, CPOC25	
	32	32	21	14.5	15	7.5	CP032, CPOC32	
CPOCGS	12	12	4.88	6	3.95	2.44	CPOCG12	
	16	16	6.96	8	4.95	3.48	CPOCG16	
	20	20	8.06	10	6.95	4.03	CPOCG20	
	25	25	11.18	14	8.95	5.59	CPOCG25	
	32	32	13.34	18	9.95	6.67	CPOCG32	

Order Example: Part Number No. 40 spacers are black.

Days to Ship: 1 Days

Price

Set Screw



RoHS

Clamping type



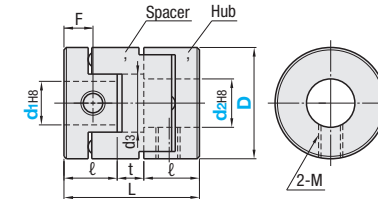
RoHS

Short Clamping



RoHS

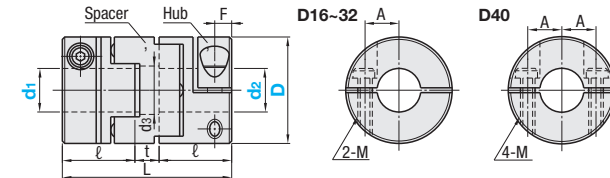
CPO



- Operating Temperature -20°C~80°C
- The allowable lateral/angular/axial misalignment values shown are for each to be individually occurring at a time. If all three are to be occurring simultaneously, allowable max. value of each will be 1/2.
- For the selection criteria and alignment procedures, see P957

Parts	M Material	S Surface Treatment	A Accessories
Hub	Aluminum Alloy	Clear Anodize	Set Screw
Spacers	Polyacetal	-	

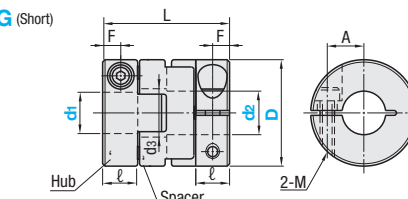
CPOC



- Operating Temperature -20°C~80°C
- The lateral, angular, and axial misalignment values shown are for each occurring individually. If more than one misalignment are occurring simultaneously, allowable value will be reduced to 1/2 each.
- For the selection criteria and alignment procedures, see P957

Parts	M Material	S Surface Treatment	A Accessories
Hub	Aluminum Alloy	Clear Anodize	Hexagon Socket
Spacers	Polyacetal	-	Screw

CPOCG (Short)



- Operating Temperature -20°C~80°C
- The allowable lateral/angular/axial misalignment values shown are for each to be individually occurring at a time. If all three are to be occurring simultaneously, allowable max. value of each will be 1/2.
- For the selection criteria and alignment procedures, see P957

Parts	M Material	S Surface Treatment	A Accessories
Hub	Aluminum Alloy	Anodizing	Hexagon Socket
Spacers	Polyacetal	-	Screw

Part Number		d1, d2 select (must be d1≤d2)												d3	L	ℓ	t	F	A	Set Screw / Clamp Screw		Unit Price	
Type	D																			M	Tightening Torque (Nm)		
CPO	16	3	4	5	6	6.35								7	18	7	4	3.5	-	M3	0.7		
	20		4	5	6	6.35	8							9	23	9	5	4.5		M4	1.7		
	25			5	6	6.35	8	9.525	10					11	28	11	6	5.5		M5	4		
	32						8		10	12	14			14.5	33	13	7	6.5		M6	7		
	*40								10		12	14	15	16	17	32	14	4	7				
CPOC	16			5	6									7	29	12.5	4	3	5	M2.5	1		
	20				6	6.35	8							9	33	14	5	6.5					
	25					6.35	8	10						11	39	16.5	6	3.8	9	M3	1.5		
	32						8	10	11	12	14			14.5	45	19	7	4.5	11	M4	2.5		
	*40										12	14	15	16	17	50	23	4	7	13	M5	4	
CPOCG	12	3	4	5										6	14.9	5		2.5	4	M2	0.5		
	16	3	4	5	6									8	21				5				
	20			5	6	6.35	7	8						10	22.1	7		3.5	6.5	M2.5	1		
	25					6.35	7	8	10					14	27.2	8		4	9	M3	1.5		
	32						8	10	11	12	14			18	33.3	10		5	11	M4	2.5		