


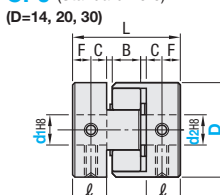
Jaw Couplings

Set Screw

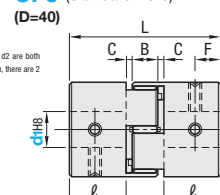
■ **Features:** By changing the types of spacer, allowable torque and misalignment allowable value can be selected.



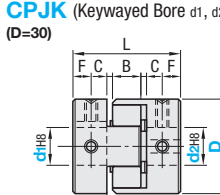
CPJ (Standard Bore)
(D=14, 20, 30)



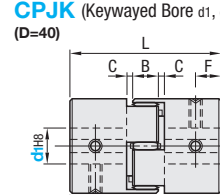
CPJ (Standard Bore)
(D=40)



CPJK (Keywayed Bore d1, d2)
(D=30)



CPJK (Keywayed Bore d1, d2)
(D=40)



Operating Temperature: -20°C ~ 60°C
 The lateral, angular, and axial misalignment values shown are for each occurring individually. When multiple misalignments are occurring simultaneously, the allowable maximum value of each will be reduced to 1/2.
 For the selection criteria and alignment procedures, see P.1061

Selectable	Color	Hardness
BL	Blue	Shore A 80
WH	White	Shore A 92
RD	Red	Shore A 98

Parts	M Material	S Surface Treatment	A Accessory
Hub	Aluminum Alloy	Clear Anodize	Set Screw
Spacer	Polyurethane	-	-

Part Number Type	Spacer Color Selection	d1, d2 Selection (d1≤d2)										L	ℓ	B	C	F	Set Screw		Unit Price				
		3	4	5	6	5	6	6.35	7	8	9.525						M	Tightening Torque (N·m)					
CPJ	14	BL (Blue)	3	4	5	6	22	7	6	1	3.5	M3	0.7										
	20	WH (White)	5	6	6.35	7	8	9.525	30	10	8								5				
	30	RD (Red)	7	8	9.525	10	11	12	14	35	11								10	1.5	5.5	M4	1.7
	40		10	11	12	14	15	16	66	25	12								2	12.5	M5	4	

Part Number Type	Spacer Color Selection	d1, d2 Selection (d1≤d2)										L	ℓ	B	C	F	Set Screw		Unit Price
		10	11	12	14	10	11	12	14	15	16 <th>M</th> <th>Tightening Torque (N·m)</th>						M	Tightening Torque (N·m)	
CPJK	30	BL (Blue)	10	11	12	14	35	11	10	1.5	5.5	M4	1.7						
	40	WH (White)	10	11	12	14	15	16	66	25	12								2

Part Number Type	D	Allowable Torque (N·m)			Angular Misalignment (°)	Lateral Misalignment (mm)			Static Torsional Spring Constant (N·m/rad)			Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)	Axial Misalignment (mm)	Mass (g)
		BL	WH	RD		BL	WH	RD	BL	WH	RD				
CPJ	14	0.7	1.2	2	1.0	0.15	0.10	8	14	22	45000	2.1x10 ⁻⁷	+0.6	7.3	
	20	1.8	3	5	1.0	0.20	0.15	16	29	55	31000	1.0x10 ⁻⁶	+0.8	18	
	30	4	7.5	12.5	1.0	0.20	0.15	46	73	130	21000	5.9x10 ⁻⁶	+1.0	46	
	40	4.9	10	17	1.0	0.15	0.10	380	570	1200	15000	4.0x10 ⁻⁵	+1.2	150	

Part Number Type	D	Allowable Torque (N·m)			Angular Misalignment (°)	Lateral Misalignment (mm)			Static Torsional Spring Constant (N·m/rad)			Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)	Axial Misalignment (mm)	Mass (g)
		BL	WH	RD		BL	WH	RD	BL	WH	RD				
CPJK	30	4	7.5	12.5	1.0	0.20	0.15	46	73	130	21000	5.8x10 ⁻⁶	+1.0	45	
	40	4.9	10	17	1.0	0.15	0.10	380	570	1200	15000	3.8x10 ⁻⁵	+1.2	150	

• Spacer is press-fitted into the body.
 Keyway Dimension (Applicable to CPJK only)

Shaft Bore Dia. d1, d2	Reference Dia.	Tolerance	Reference Dia.	Tolerance	Key Nominal Dim. b x h
10, 11, 12	4	±0.0150	1.8	+0.1	4x4
14, 15, 16	5	±0.0150	2.3	0	5x5

Alterations: Part Number - Spacer - Shaft Bore Dia. d1 (LDC) - Shaft Bore Dia. d2 (RDC)
 CPJ14 - WH - LDC3.5 - RDC5.5

Applicable to CPJ only.

Alterations	Code	Spec.
Shaft Bore Dia.	LDC (Left Shaft) RDC (Right Shaft)	0.1mm Increment Ordering Code: D LDC, RDC LDC3.5 14 3-6 20 5-9 30 7-14 40 10-16 Not applicable to CPJK.


The allowable torque varies depending on temperature. See on P.1062

Ordering Example: Part Number - Spacer - Shaft Bore Dia. d1 - Shaft Bore Dia. d2
 CPJ30 - WH - 8 - 10

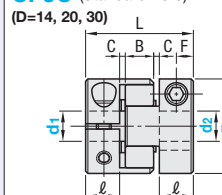
Jaw Couplings

Clamping

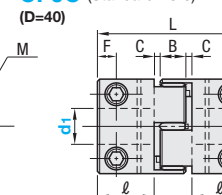
■ **Features:** By changing the types of spacer, allowable torque depending on application and misalignment allowable values can be selected.



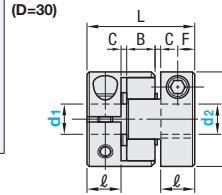
CPJJC (Standard Bore)
(D=14, 20, 30)



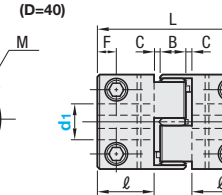
CPJJC (Standard Bore)
(D=40)



CPJJK (Keywayed Bore d1, d2)
(D=30)



CPJJK (Keywayed Bore d1, d2)
(D=40)



Operating Temperature: -20°C ~ 60°C
 The lateral, angular, and axial misalignment values shown are for each occurring individually. When multiple misalignments are occurring simultaneously, the allowable maximum value of each will be reduced to 1/2.
 For the selection criteria and alignment procedures, see P.1061

Parts	M Material	S Surface Treatment	A Accessory
Hub	Aluminum Alloy	Clear Anodize	Hex Socket Head Cap Screw
Spacer	Polyurethane	-	-

Part Number Type	Spacer Color Selection	d1, d2 Selection (d1≤d2)										L	ℓ	B	C	F	G	Clamp Screw		Unit Price			
		3	4	5	5	6	6.35	7	8	5	6.5							M	Tightening Torque (N·m)				
CPJJC	14	BL (Blue)	3	4	5	22	7	6	1	3.5	4	M2	0.5										
	20	WH (White)	5	6	6.35	7	8	30	10	8	5								6.5	M2.5	1		
	30	RD (Red)	7	8	9.525	10	11	12	35	11	10								1.5	5.5	10	M4	2.5
	40		10	11	12	14	15	16	66	25	12								2	8.5	14	M5	4

Part Number Type	Spacer Color Selection	d1, d2 Selection (d1≤d2)										L	ℓ	B	C	F	G	Clamp Screw		Unit Price
		10	11	12	10	11	12	14	15	16 <th>M</th> <th>Tightening Torque (N·m)</th>	M							Tightening Torque (N·m)		
CPJJK	30	BL (Blue)	10	11	12	35	11	10	1.5	5.5	10	M4	2.5							
	40	WH (White)	10	11	12	14	15	16	66	25	12								2	8.5

Part Number Type	D	Allowable Torque (N·m)			Angular Misalignment (°)	Lateral Misalignment (mm)			Static Torsional Spring Constant (N·m/rad)			Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)	Axial Misalignment (mm)	Mass (g)
		BL	WH	RD		BL	WH	RD	BL	WH	RD				
CPJJC	14	0.7	1.2	2	1.0	0.15	0.10	8	14	22	45000	1.6x10 ⁻⁷	+0.6	6	
	20	1.8	3	5	1.0	0.20	0.15	16	29	55	31000	1.1x10 ⁻⁶	+0.8	19	
	30	4	7.5	12.5	1.0	0.20	0.15	46	73	130	21000	6.2x10 ⁻⁶	+1.0	50	
	40	4.9	10	17	1.0	0.15	0.10	380	570	1200	15000	3.9x10 ⁻⁵	+1.2	160	

The allowable torque varies depending on temperature. P.1062

Ordering Example: Part Number - Spacer - Shaft Bore Dia. d1 - Shaft Bore Dia. d2
 CPJJC30 - BL - 10 - 11

Alterations: Part Number - Spacer - Shaft Bore Dia. d1 (LDC) - Shaft Bore Dia. d2 (RDC)
 CPJJC14 - WH - LDC3.5 - RDC4.5

Applicable to CPJJC only.

Alterations	Code	Spec.
Shaft Bore Dia.	LDC (Left Shaft) RDC (Right Shaft)	0.1mm Increment Ordering Code: D LDC, RDC LDC3.5 14 3-5 20 5-8 30 7-12 LDC and RDC tolerance are values before slit machining. D40 cannot be changed. Not applicable to CPJJK.

Part Number Type	D	Allowable Torque (N·m)			Angular Misalignment (°)	Lateral Misalignment (mm)			Static Torsional Spring Constant (N·m/rad)			Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)	Axial Misalignment (mm)	Mass (g)
		BL	WH	RD		BL	WH	RD	BL	WH	RD				
CPJJK	30	4	7.5	12.5	1.0	0.20	0.15	46	73	130	21000	4.2x10 ⁻⁶	+1.0	50	
	40	4.9	10	17	1.0	0.15	0.10	380	570	1200	15000	3.7x10 ⁻⁵	+1.2	160	

Spacer is press-fitted into the body.
 Keyway Dimension (Applicable to CPJJK only)

Alterations: Part Number - Spacer - Shaft Bore Dia. d1 (LDC) - Shaft Bore Dia. d2 (RDC)
 CPJJK14 - WH - LDC3.5 - RDC4.5

Applicable to CPJJK only.

Alterations	Code	Spec.
Shaft Bore Dia.	LDC (Left Shaft) RDC (Right Shaft)	0.1mm Increment Ordering Code: D LDC, RDC LDC3.5 14 3-5 20 5-8 30 7-12 LDC and RDC tolerance are values before slit machining. D40 cannot be changed. Not applicable to CPJJK.