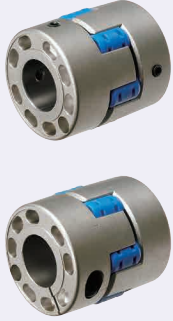


Jaw Couplings

Set Screw / Clamping

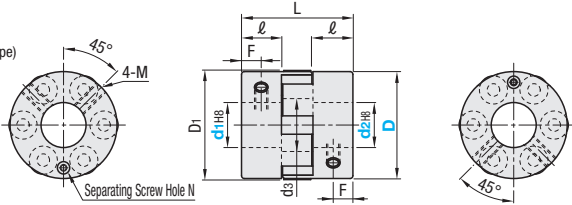
■ **Features:** Deals high torque and has significantly little backlash because the spacer is assembled by press-fitting. Suitable for transfer mechanism using servo motors, since the overall length is short and spacer absorbs the shocks of direction reversals.



RoHS10

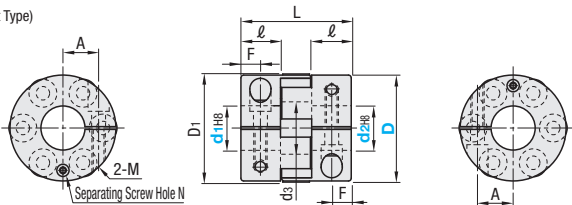
■ **Set Screw**

MMJN (High Rigidity)
MMJJP (Misalignment Tolerant Type)



■ **Clamping**

MMJCN (High Rigidity)
MMJCP (Misalignment Tolerant Type)



Type	Standard Bore	Material		Surface Treatment	Accessory
		Hub	Spacer		
Set Screw	MMJN	Aluminum	Nylon (Black)	Electroless Nickel Plating	Set Screw
	MMJJP	Diecast	Polyurethane (Blue)		
Clamping	MMJCN	Aluminum	Nylon (Black)	Electroless Nickel Plating	Hex Socket Head Cap Screw
	MMJCP	Diecast	Polyurethane (Blue)		

⚠ Operating Temperature: -20°C ~ 60°C
 ⚠ Tolerances for d1 and d2 are values before slit machining.
 ⚠ 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**
 ⚠ A separation of hub is possible by fitting commercially available bolt into the separating screw hole.

■ **Set Screw**

Part Number		d1, d2 Selection (d1 ≤ d2)	D1	d3	L	l	F	Set Screw			Separating Tap Dia. N	Unit Price
Type	D							M	Tightening Torque (N·m)			
MMJN MMJJP	55	15 16 18 20 24	56	27	60	21	10.5	M6	8	M4		
	70	18 20 24 28 30 35	72	35	75	26	13	M8	16	M5		
	95	24 28 30 35 40	97	46	100	35.5	17.5	M10	33	M6		

■ **Clamping**

Part Number		d1, d2 Selection (d1 ≤ d2)	D1	d3	L	l	F	A	Clamp Screw			Separating Tap Dia. N	Unit Price
Type	D								M	Tightening Torque (N·m)			
MMJCN MMJCP	55	15 16 18 20 24	56	27	60	21	10.5	18.5	M6	15	M4		
	70	18 20 24 28 30 35	72	35	75	26	13	24	M8	32	M5		
	95	24 28 30 35 40	97	46	100	35.5	17.5	32	M10	65	M6		

■ **Set Screw (High Rigidity)**

Part Number	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)	Misalignable Axial Misalignment (mm)	Mass (g)
MMJN	55	1	0.1	8000	11000	1.0x10 ⁻⁴	±0.5	300
	70			11000	8000	4.0x10 ⁻⁴	±0.7	600
	95			20000	6000	1.0x10 ⁻³	±1.0	1200

(Misalignment Tolerant Type)

Part Number	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)	Misalignable Axial Misalignment (mm)	Mass (g)
MMJJP	55	2	0.3	20	600	11000	1.0x10 ⁻⁴	±0.5
	70			1200	8000	4.0x10 ⁻⁴	±0.7	600
	95			4000	6000	1.0x10 ⁻³	±1.0	1200

■ **Clamping (High Rigidity)**

Part Number	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)	Misalignable Axial Misalignment (mm)	Mass (g)
MMJCN	55	1	0.1	8000	8000	1.0x10 ⁻⁴	±0.5	300
	70			11000	6000	4.0x10 ⁻⁴	±0.7	600
	95			20000	4000	1.0x10 ⁻³	±1.0	1200

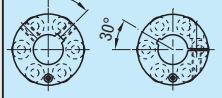
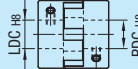
(Misalignment Tolerant Type)

Part Number	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)	Misalignable Axial Misalignment (mm)	Mass (g)
MMJCP	55	2	0.3	20	600	8000	1.0x10 ⁻⁴	±0.5
	70			1200	6000	4.0x10 ⁻⁴	±0.7	600
	95			4000	4000	1.0x10 ⁻³	±1.0	1200

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

Alterations Part Number **MMJN55** - Shaft Bore Dia. ϕ LDC19 - Shaft Bore Dia. ϕ RDC21 - (LK, RK, LDC, RDC, KLH, KRH)

Ordering Example Part Number **MMJN55** - 15 - 18

Alterations	Keyway	Shaft Bore Dia.	Keyway Width
 Spec.	MMJN MMJJP	 1mm Increment D LDC, RDC 55 15-24 70 18-35 95 24-40 Ordering Code LDC19 RDC21	Keyway Width (b) is changed as the table below. Ordering Code KLH10 KRH10
	MMJCN MMJCP		Shaft Bore Dia. ϕ , d: Reference Dia. Tolerance Reference Dia. Tolerance 30 10 ±0.0180 3.3 ±0.05

⚠ Cannot be combined with shaft bore change (LDC, RDC) alterations.
 ⚠ For key dimensions, refer to the following.

Code	LK (Left Shaft)	RK (Right Shaft)	LDC (Left Shaft)	RDC (Right Shaft)	KLH (Left Shaft)	KRH (Right Shaft)
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Keyway Dimension

Shaft Bore Dia. ϕ , d	LK	b	t	Key Nominal Dm. Inch
15, 16	5	5	2.3	5x5
18, 20	6	6	2.8	6x6
24-30	8	8	3.3	8x8
35	10	10	0	10x8
40	12	12	0	12x8