

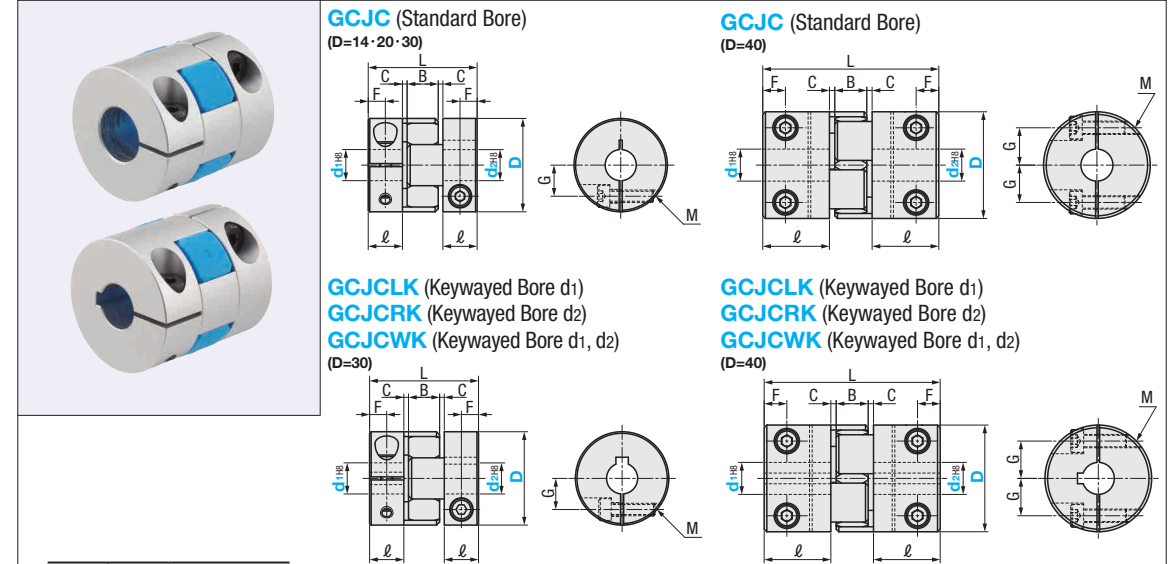
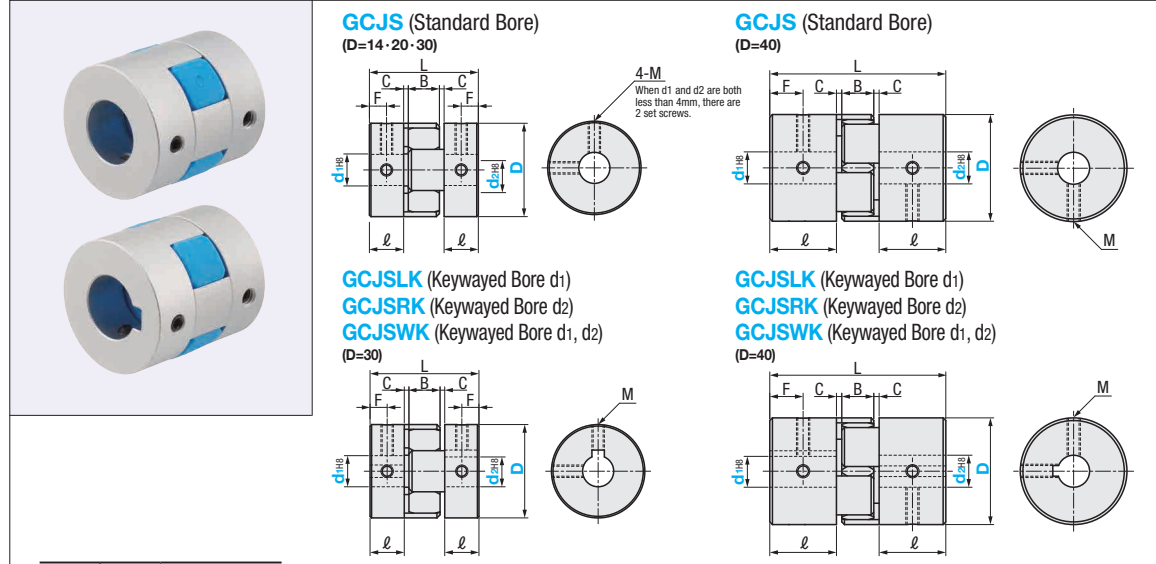
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Features: The excellent torque transmission performance has been achieved by press-fitting the spacer into the hub. The spacer is made of Polyurethane and thus, can absorb vibration efficiently.

Features: The excellent torque transmission performance has been achieved by press-fitting the spacer into the hub. Polyurethane spacer absorbs vibration.



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

Recommended Tolerance of Shaft Diameter: h7
 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, see P.1093.

Standard Bore	Keywayed Bore			Material		Surface Treatment	
	d1 (One Side)	d2 (One Side)	d1, d2 (Both Sides)	Hub	Spacer	Set Screw	Hub
GCJS	GCJSLK	GCJSRK	GCJSWK	Aluminum Alloy	Polyurethane	SCM435	Clear Anodize

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 For the selection criteria, see P.1093.

Standard Bore	Keywayed Bore			Material		Surface Treatment	
	d1 (One Side)	d2 (One Side)	d1, d2 (Both Sides)	Hub	Spacer	Hex Socket Head Cap Screw	Hub
GCJC	GCJCLK	GCJCRK	GCJCWK	Aluminum Alloy	Polyurethane	SCM435	Clear Anodize

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

Part Number	Type	D	Spacer (Color Selection)	d1, d2 Selection (d1≤d2)						L	l	B	C	F	G	Clamp Screw		Unit Price
				4	5	6	6.35	7	8							10	12	
GCJC		14	BL (Blue)	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	10	12	35	11	10	1.5	5.5	10	M4	2.5			
		40		10	12	14	15	16	66	25	12	2	8.5	14	M5	4		

Part Number	Type	D	Spacer (Color Selection)	d1, d2 Selection (d1≤d2)						L	l	B	C	F	Set Screw		Unit Price	
				10	12	14	15	16	M						Tightening Torque (N·m)	GCJSLK	GCJSWK	
GCJSLK GCJSRK GCJSWK		30	BL (Blue)	10	12	14	35	11	10	1.5	5.5	M4	1.7					
		40	WH (White)	10	12	14	15	16	66	25	12	2	12.5	M5	4			

Part Number	Type	D	Spacer (Color Selection)	d1, d2 Selection (d1≤d2)						L	l	B	C	F	G	Clamp Screw		Unit Price	
				10	12	14	15	16	M							Tightening Torque (N·m)	GCJCLK	GCJCRK	
GCJCLK GCJCRK GCJCWK		30	BL (Blue)	10	12	35	11	10	1.5	5.5	10	M4	2.5						
		40	WH (White)	10	12	14	15	16	66	25	12	2	8.5	14	M5	4			

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)	Allowable Axial Misalignment (mm)	Mass (g)
			BL	WH	RD		BL	WH	RD	BL	WH	RD				
GCJS		14	0.7	1.2	2	1.0	0.15	0.10		8	14	22	10,000	2.1x10 ⁻⁷	+0.6 0	7.3
		20	1.8	3	5		0.20	0.15		16	29	55	10,000	1.0x10 ⁻⁶	+0.8 0	18
		30	4	7.5	12.5		0.20	0.15	0.10	46	73	130	10,000	5.9x10 ⁻⁶	+1.0 0	46
		40	4.9	10	17		0.15	0.10		380	570	1200	10,000	4.0x10 ⁻⁵	+1.2 0	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)	Allowable Axial Misalignment (mm)	Mass (g)
			BL	WH	RD		BL	WH	RD	BL	WH	RD				
GCJSLK GCJSRK GCJSWK		30	4	7.5	12.5	1.0	0.20	0.15		46	73	130	10,000	5.8x10 ⁻⁶	+1.0 0	45
		40	4.9	10	17		0.15	0.10	0.10	380	570	1200	10,000	3.8x10 ⁻⁵	+1.2 0	150

• Spacer is press-fitted into the hub.

Keyway Dimensions

Shaft Bore Dia. d1, d2	Reference Dia.	b		t		Key Nominal Dim. b×h
		Reference Dia.	Tolerance	Reference Dia.	Tolerance	
10	3	±0.0125	1.4	+0.1	0	3x3
12	4	±0.0150	1.8	0	0	4x4
14,15,16	5	±0.0150	2.3			5x5

The allowable torque varies depending on temperature. See P.1138.

Ordering Example: Part Number - Spacer - (Shaft Bore Dia. d1) - (Shaft Bore Dia. d2)
 GCJS30 - WH - 8 - 10

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)	Allowable Axial Misalignment (mm)	Mass (g)
			BL	WH	RD		BL	WH	RD	BL	WH	RD				
GCJC		14	0.7	1.2	2	1.0	0.15	0.10		8	14	22	10,000	1.6x10 ⁻⁷	+0.6 0	6
		20	1.8	3	5		0.20	0.15		16	29	55	10,000	1.1x10 ⁻⁶	+0.8 0	19
		30	4	7.5	12.5		0.20	0.15	0.10	46	73	130	10,000	6.2x10 ⁻⁶	+1.0 0	50
		40	4.9	10	17		0.15	0.10		380	570	1200	10,000	3.9x10 ⁻⁵	+1.2 0	160

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)	Allowable Axial Misalignment (mm)	Mass (g)
			BL	WH	RD		BL	WH	RD	BL	WH	RD				
GCJCLK GCJCRK GCJCWK		30	4	7.5	12.5	1.0	0.20	0.15		46	73	130	10,000	4.2x10 ⁻⁶	+1.0 0	50
		40	4.9	10	17		0.15	0.10	0.10	380	570	1200	10,000	3.7x10 ⁻⁵	+1.2 0	160

• Spacer is press-fitted into the hub.

Keyway Dimensions

Shaft Bore Dia. d1, d2	Reference Dia.	b		t		Key Nominal Dim. b×h
		Reference Dia.	Tolerance	Reference Dia.	Tolerance	
10	3	±0.0125	1.4	+0.1	0	3x3
12	4	±0.0150	1.8	0	0	4x4
14,15,16	5	±0.0150	2.3			5x5

The allowable torque varies depending on temperature. See P.1138.

Ordering Example: Part Number - Spacer - (Shaft Bore Dia. d1) - (Shaft Bore Dia. d2)
 GCJC30 - BL - 10 - 12