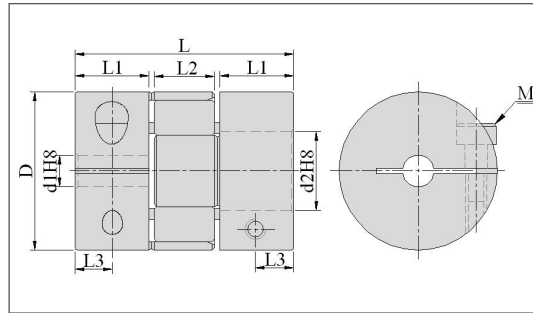


BF Series Jaw Coupling



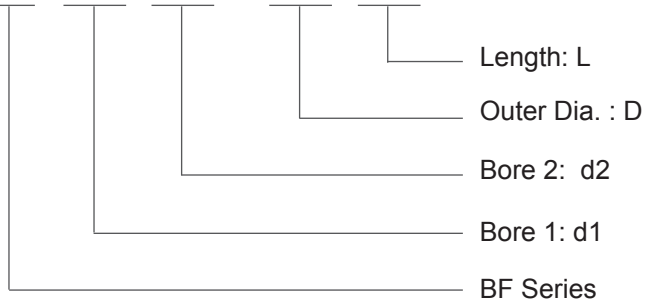
Features:

- Coupling assembled by pressing a polyurethane sleeve into hubs on both sides;
- Zero backlash;
- For little torque and space, typically applied in servo motor, step motor connection;
- Identical clockwise and anticlockwise rotational characteristics;
- Clamp type;
- Super elastic torque can absorb vibration, parallel, angular misalignments and shaft end play.

Material		Surface Finish Available		Accessories
Body	Sleeve	Body	Sleeve	
Aluminium Alloy	Polyurethane	Anodic oxidation	None	Clamp Screw

Order Information:

BF-□□×□□-D□□L□□



For example: order **BF-12×15-D30L42**

BF series (clamp style, jaw series)

Bore1: 12mm

Bore2: 15mm

Outer Diam.: 30mm

Length: 42mm

Dimension

Series	ΦD	Φd1, Φd2	L	L1	L2	L3	Clamp Screw	
	mm						mm	M
BF	20	5 ~ 8	31	11	8	5.5	3	1.5
			34	12.5	8	6	3	1.5
	25	5 ~ 10	34	11.5	10	5.5	3	1.5
			30	8 ~ 15	40	14.5	10	7.5
42	15.5	10			8	4	2.5	

Specification

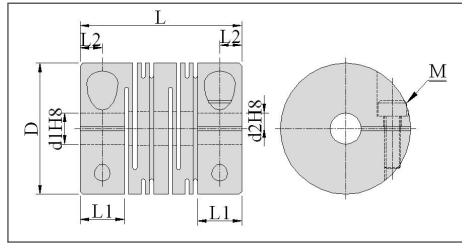
Series	ΦD	Rated Torque (N.m)	Angular Misalignment	Parallel Misalignment	Static Tensional Stiffness	Max Speed (r/min)	Moment Inertia (Kg.m ²)	Axial Motion (mm)
BF	20	5	1.0°	0.1	55N.m/rad	31000	6.7x10 ⁻⁴	+0.8
	25	8		0.1	63N.m/rad	25000	7.2x10 ⁻⁴	+1.0
	30	8		0.1	130N.m/rad	21000	8.5x10 ⁻⁴	+1.2

※ BF Series flexible coupling tightens with bolt. Easy to assemble and disassemble. No damage will be caused to shaft.

※ Customization available for special bore size and slot as per your drawing.

※ The above technical data is for reference only.

BR1 Series Parallel Slit Coupling



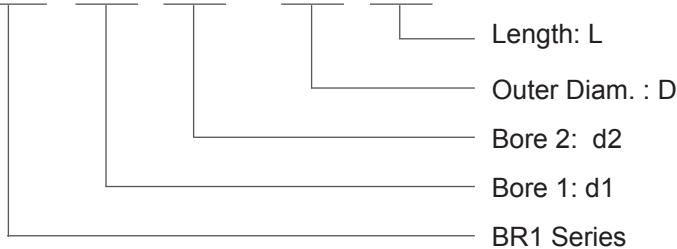
Features:

- One-piece metallic spring coupling
- Compensate for axial, angular and parallel misalignment by spring action
- No requirement for maintenance
- Zero backlash

Material	Surface finish Available	Accessories
Aluminium Alloy	Anodic oxidation	Clamp Screw

Order Information

BR1-□□×□□-D□□L□□



For Example: order **BR1-6×8-D25L31**

BD1 series (clamp style, parallel slit series)

Bore1: 6mm

Bore2 : 8mm

Outer Diam.: 25mm

Length: 31mm

Dimension

Series	ΦD	Φd1, Φd2	L	L1	L2	Clamp Screw	
	mm	mm				M	Rated Torque (N.m)
BR1	20	4 ~ 8	22	3.5	7.5	3	1.0
	25	5 ~ 10	31	4	8.5	3	1.5
	28	6 ~ 12	38	5	10	3	2.0
	32	8 ~ 12	41	6	12	4	3.0
	38	8 ~ 15	41	6	17	5	4.0

Specification

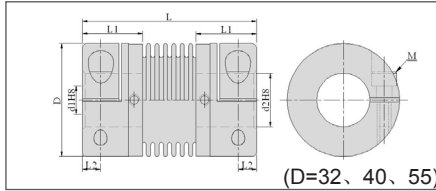
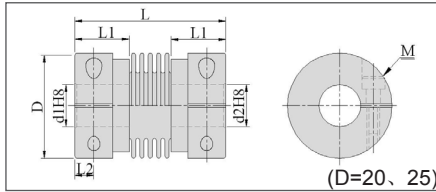
Series	ΦD (mm)	Rated Torque (N.m)	Angular Misalignment	Parallel Misalignment (mm)	Static Tensional Stiffness	Max Speed (r/min)	Moment Inertia (Kg.m ²)	Axial Motion (mm)
BR1	20	0.5	1.5°	0.1	110 N·m/rad	7600	2.5×10 ⁻⁶	±0.3
	25	1.2			170 N·m/rad	6100	7.1×10 ⁻⁶	±0.4
	28	1.6			260 N·m/rad	5000	2.6×10 ⁻⁶	±0.4
	32	3.5			500 N·m/rad	4800	2.7×10 ⁻⁵	±0.5
	38	4.2			980 N·m/rad	4500	8.6×10 ⁻⁵	±0.5

※ BR1 Series flexible coupling tightens with bolt. Easy to assemble and disassemble. No damage will be caused to shaft.

※ Customization available for special bore size and slot as per your drawing.

※ The above technical data is for reference only.

BB Series Bellows Coupling



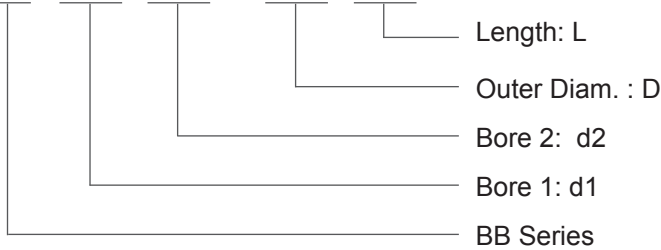
Features:

- High tensional stiffness, low inertia and high precision
- Spring action bellows configuration allows axial, angular and parallel misalignment.
- Identical clockwise and anticlockwise rotational characteristics.
- Zero backlash
- Clamp type

Material		Surface finish Available		Accessories
Body	Sleeve	Body	Sleeve	
Aluminium Alloy	Stainless Steel or Phosphor Bronze	Anodic oxidation	None	Clamp Screw

Order Information

BB-□□×□□-D□□L□□



For Example: order **BB-14×15-D40L62**

BB series (clamp style, bellows series)

Bore1:14mm

Bore2 : 15mm

Outer Diam.: 40mm

Length: 62mm

Dimension

Series	ΦD	Φd1, Φd2	L	L1	L2	Clamp Screw	
	mm	mm				M	Rated Torque (N.m)
BB	20	6 ~ 12	33	11.5	4.0	3	1.5
	25	6 ~ 12	38	13.0	4.5	3	1.5
	32	8 ~ 14	45	15.0	5.5	4	2.5
	40	10 ~ 16	62	21.5	6.5	5	7
	55	12 ~ 19	72	23.0	7.0	6	12

Specification

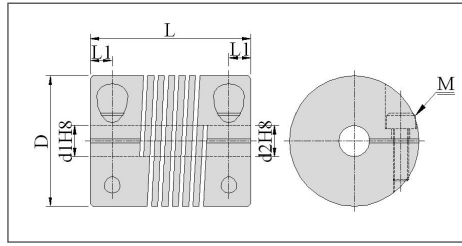
Series	ΦD (mm)	Rated Torque (N.m)	Angular Misalignment	Parallel Misalignment (mm)	Static Tensional Stiffness	Max Speed (r/min)	Moment Inertia (Kg.m ²)	Axial Motion (mm)
BB	20	0.8	1.5°	0.10	160 N·m/rad	19000	8.9×10 ⁻⁷	+0.3 -1.0
	25	1.3		0.15	220 N·m/rad	15000	2.8×10 ⁻⁶	+0.5 -1.3
	32	10	2.0°	0.20	310 N·m/rad	12000	8.8×10 ⁻⁶	+0.5 -1.3
	40	15.0		0.20	520 N·m/rad	8000	1.5×10 ⁻⁵	+0.7 -1.5
	55	20.0		0.20	850 N·m/rad	4000	2.3×10 ⁻⁵	+0.7 -1.5

※ BB Series flexible coupling tightens with bolt. Easy to assemble and disassemble. No damage will be caused to shaft.

※ Customization available for special bore size and slot as per your drawing.

※ The above technical data is for reference only.

BR Series Helical Coupling

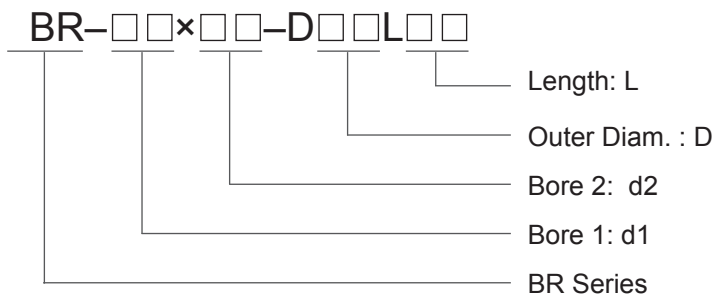


Features:

- One-piece metallic spring coupling
- Compensate for axial, angular and parallel misalignment by spring action
- No requirement for maintenance
- Zero backlash

Material	Surface finish Available	Accessories
Aluminium Alloy	Anodic oxidation	Clamp Screw

Order Information



For Example: order **BR-6×8-D25L31**

BD1 series (clamp style, helical series)

Bore1: 6mm

Bore 2 : 8mm

Outer Diam.: 25mm

Length: 31mm

Dimension

Series	ΦD	Φd1, Φd2	L	L1	Clamp Screw	
	mm	mm			M	Rated Torque (N.m)
BR	20	4 ~ 8	23	3.5	3	1.5
	25	5 ~ 10	31	4	3	1.5
	28	6 ~ 12	38	5	3	1
	32	8 ~ 12	41	6	4	3
	38	8 ~ 15	41	6	5	7

Specification

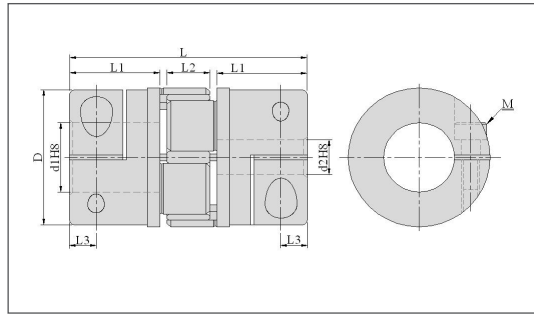
Series	ΦD (mm)	Rated Torque (N.m)	Angular Misalignment	Parallel Misalignment (mm)	Static Tensional Stiffness	Max Speed (r/min)	Moment Inertia (Kg.m ²)	Axial Motion (mm)
BR	20	1.0	2.0°	0.1	170 N·m/rad	7600	2.5×10 ⁻⁶	±0.3
	25	2.0			380 N·m/rad	6100	7.1×10 ⁻⁶	±0.4
	28	2.5			790 N·m/rad	5000	2.6×10 ⁻⁶	±0.4
	32	3.0			500 N·m/rad	4800	2.7×10 ⁻⁵	±0.5
	38	4.2			980 N·m/rad	4500	8.6×10 ⁻⁵	±0.5

※ BR Series flexible coupling tightens with bolt. Easy to assemble and disassemble. No damage will be caused to shaft.

※ Customization available for special bore size and slot as per your drawing.

※ The above technical data is for reference only.

BF1 Series Jaw Coupling



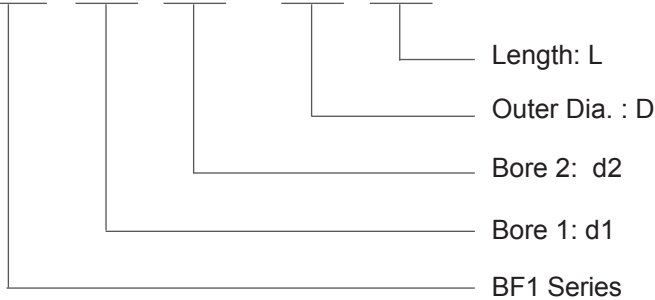
Features:

- Coupling assembled by pressing a polyurethane sleeve into hubs on both sides;
- Zero backlash;
- For little torque and space, typically applied in servo motor, step motor connection;
- Identical clockwise and anticlockwise rotational characteristics;
- Clamp type;
- Super elastic torque can absorb vibration, parallel, angular misalignments and shaft end play.

Material		Surface finish Available		Accessories
Body	Sleeve	Body	Sleeve	
Aluminium Alloy	Polyurethane	Anodic oxidation	None	Clamp Screw

Order Information

BF1-□□×□□-D□□L□□



For Example: order **BF1-14×18-D40L66**

BF1 series (clamp style, jaw series)

Bore1:14mm

Bore2 : 18mm

Outer Diam.: 40mm

Length: 66mm

Dimension

Series	ΦD	Φd1, Φd2	L	L1	L2	L3	Clamp Screw	
	mm	mm					M	Rated Torque (N.m)
BF1	40	14 ~ 20	66	25.5	12	8	5	7
	55	16 ~ 28	78	30.5	14	10.5	6	15.7
	65	19 ~ 38	90	36.5	16	11.5	8	28
	80	24 ~ 45	114	46	19	15.5	8	28

Specification

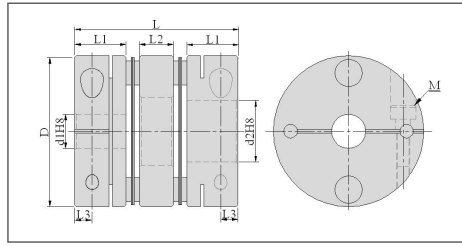
Series	ΦD (mm)	Rated Torque (N.m)	Angular Misalignment	Parallel Misalignment	Static Tensional Stiffness	Max Speed (r/min)	Moment Inertia (Kg.m ²)	Axial Motion (mm)
BF1	40	10	1.0°	0.30	550 N·m/rad	15000	1.1×10 ⁻³	+1.2
	55	35		0.30	1500 N·m/rad	8000	4.4×10 ⁻³	+0.8
	65	95		0.40	2800 N·m/rad	6000	9.0×10 ⁻³	+0.8
	80	130		0.40	3500 N·m/rad	4000	1.8×10 ⁻²	+1.0

※ BF1 Series flexible coupling tightens with bolt. Easy to assemble and disassemble. No damage will be caused to shaft.

※ Customization available for special bore size and slot as per your drawing.

※ The above technical data is for reference only.

BD Series Double Disc Coupling

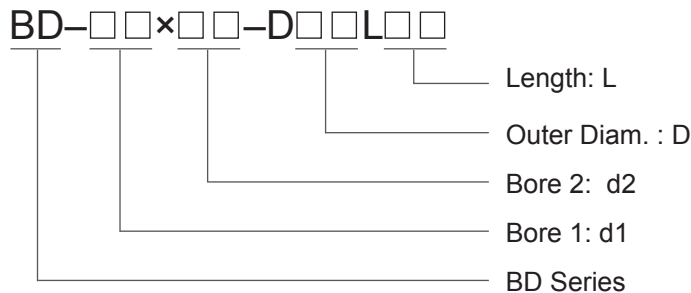


Features:

- Wide application coverage from low torque to high torque
- Identical clockwise and anticlockwise rotational characteristics.
- Stainless disc will compensate for axial, angular and parallel misalignment.
- For servo motor and step motor connect.
- Clamp type.
- Excellent rotation precision.

Material		Surface finish Available		Accessories
Body	Disc	Body	Disc	
Aluminium Alloy	Stainless Steel	Anodic oxidation	None	Clamp Screw

Order Information



For Example: order **BD-12×16-D44L48**

BD series (clamp style, double discs series)

Bore1:12mm

Bore2 : 16mm

Outer Diam.: 44mm

Length: 48mm

Dimension

Series	ΦD	Φd1, Φd2	L	L1	L2	L3	Clamp Screw	
	mm	mm					M	Rated Torque (N.m)
BD	19	4 ~ 8	25.9	9	5.5	3.2	2.5	1.0
	26	5 ~ 10	32.3	11	7.5	3.5	2.5	1.0
	34	5 ~ 14	37.8	12.5	8	4	3	1.5
	39	8 ~ 16	48	15.5	11	4.5	4	3.4
	44	8 ~ 19	48	15.5	11	4.5	4	3.4
	56	10 ~ 25	62	20.5	14	6	5	7.0
	68	12 ~ 30	73.3	25	16.5	8	6	14

Specification

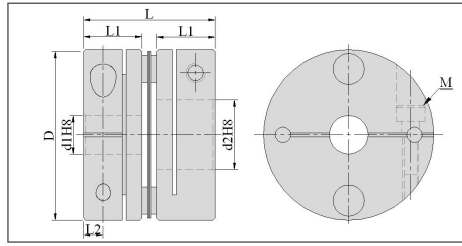
Series	ΦD (mm)	Rated Torque (N.m)	Angular Misalignment	Parallel Misalignment (mm)	Static Tensional Stiffness	Max Speed (r/min)	Moment Inertia (Kg.m ²)	Axial Motion (mm)
BD	19	0.8	1°	0.11	700 N·m/rad	10000	0.79×10 ⁻⁶	±0.2
	26	1.5		0.15	1850 N·m/rad	10000	3.40×10 ⁻⁶	±0.33
	34	4		0.18	4000 N·m/rad	10000	9.39×10 ⁻⁶	±0.4
	39	6		0.24	9000 N·m/rad	10000	26.78×10 ⁻⁶	±0.5
	44	10		0.24	10000 N·m/rad	10000	36.05×10 ⁻⁶	±0.6
	56	25		0.28	16000 N·m/rad	10000	119.2×10 ⁻⁶	±0.8
	68	60		0.34	35000 N·m/rad	10000	314.8×10 ⁻⁶	±0.9

※ BD Series flexible coupling tightens with bolt. Easy to assemble and disassemble. No damage will be caused to shaft.

※ Customization available for special bore size and slot as per your drawing.

※ The above technical data is for reference only.

BD1 Series Single Disc Coupling



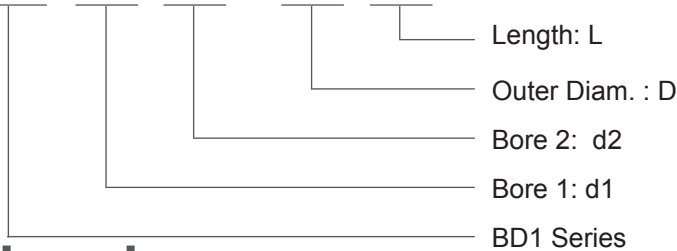
Features:

- Wide application coverage from low torque to high torque
- Identical clockwise and anticlockwise rotational characteristics.
- Stainless disc will compensate for axial, angular and parallel misalignment.
- For servo motor and step motor connect.
- Clamp type.
- Excellent rotation precision.

Material		Surface finish Available		Accessories
Body	Disc	Body	Disc	
Aluminium Alloy	Stainless Steel	Anodic oxidation	None	Clamp Screw

Order Information

BD1-□□×□□-D□□L□□



For Example: order **BD1-12×16-D44L34**

BD1 series (clamp style, single discs series)

Bore1:12mm

Bore2 : 14mm

Outer Diam.: 44mm

Length: 34mm

Dimension

Series	ΦD	Φd1, Φd2	L	L1	L2	Clamp Screw	
	mm	mm	mm	mm	mm	M	Rated Torque (N.m)
BD1	19	4 ~ 8	19.4	9	3	2.5	1.0
	26	5 ~ 10	23	11	3.5	2.5	1.0
	34	5 ~ 14	27	12.5	3.75	3	1.5
	39	8 ~ 16	34	15.5	4.5	4	3.4
	44	8 ~ 19	34	15.5	4.5	4	3.4
	56	10 ~ 25	43.5	20.5	6	5	7.0
	68	12 ~ 30	53.5	25	6	6	14

Specification

Series	ΦD (mm)	Rated Torque (N.m)	Angular Misalignment	Parallel Misalignment (mm)	Static Tensional Stiffness	Max Speed (r/min)	Moment Inertia (Kg.m ²)	Axial Motion (mm)
BD1	19	0.8	1°	0.02	1400 N·m/rad	10000	0.6×10 ⁻⁶	±0.1
	26	1.5			3700 N·m/rad	10000	2.4×10 ⁻⁶	±0.15
	34	4			8000 N·m/rad	10000	6.1×10 ⁻⁶	±0.2
	39	6			18000 N·m/rad	10000	18.4×10 ⁻⁶	±0.25
	44	10			20000 N·m/rad	10000	23.0×10 ⁻⁶	±0.3
	56	25			32000 N·m/rad	10000	77.1×10 ⁻⁶	±0.4
	68	60			70000 N·m/rad	10000	206.1×10 ⁻⁶	±0.45

※ BD1 Series flexible coupling tightens with bolt. Easy to assemble and disassemble. No damage will be caused to shaft.

※ Customization available for special bore size and slot as per your drawing.

※ The above technical data is for reference only.