SRB SERIES

Radial Beam Coupling (Ultra High Strength Aluminum Alloy Body)

Structure and Material

General

Set-screw (SRB-no mark)

Side-clamp (SRB-C)

Structure	Material	Surface Treatment
Body	AL-7075-T6	Anodizing
Screw	SCM435	Black Oxide

Space-saving

Set-screw (SRBM-no mark)

Side-clamp (SRBM-C)

Structure	Material	Surface Treatment
Body	AL-7075-T6	Anodizing
Screw	SCM435	Black Oxide

※ There is no surface treatment for SRB-8 (Set-screw).

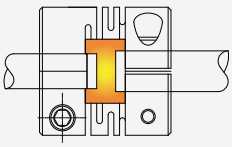
Product Features & Application

- SRB series is one-piece metal coupling with no backlash and absorbs misalignment through its slit structures.
- SRB series is made of ultra high strength aluminum alloy material (AL-7075-T6) in order to enhance its durability.

		SRB	SRBM
Backlash free (Precision)		☆	☆
High Torque (Durability)		△	△
Torsional Stiffness		○	○
Vibration Absorption		-	-
Misalignment Absorption		○	△
Applicable Motors	Servo	○	○
	Stepping	○	○
	Encoder	○	○
	General	-	-

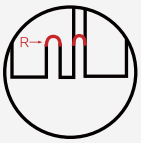
Application : UVW Stage, XY Stage, Part feeder, Encoder

INNER-RELIEF AREA



- SRB series has the “relief” space structure in the middle area, in case there is interference that causes damages.

ROUND-SHAPED SLITS



- SRB series has rounded slits(cuts) structure to disperse stress concentration.

Clamping Methods

Set-screw (No mark)	General	○
	With Keyway	○
Side-clamp (C)	General	○
	Hub Split	X
	With Keyway	○
Taper-ring (T)		X

How to Order

SRB - 32 C - 10 K3 x 14 K4

- SRB — Model
- 32 — OD(D) size
- C — Clamping Methods ①
- 10 — ID(d) size(d1)
- K3 — Keyway (K) ②
- 14 — ID(d) size(d2)
- K4 — Keyway (K) ②

① Clamping Methods

No mark	Set-screw
C	General Side-clamp

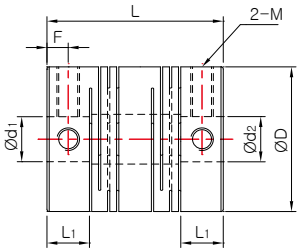
② Keyway

No mark	No Keyway
K(b size)	Keyway processed according to the indicated b size.

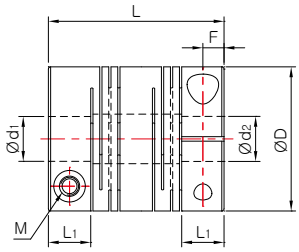
SRB SERIES

Radial Beam Coupling (Ultra High Strength Aluminum Alloy Body)

Set-screw (SRB-no mark)



Side-clamp (SRB-C)



Dimensions / Performance

Set-screw

Model	Size (±0.3mm)				Screw		Rated Torque (N·m)	Max. Torque (N·m)	Max. rpm (min^{-1})	Moment of Inertia ($kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Mass (g)	Permissible Misalignment		
	D	L	L_1	F	Size	Fastening Torque (N·m)							Angular (°)	Parallel (mm)	End-play (mm)
SRB-8	7.9	14	3.5	1.7	M2	0.3	0.1	0.2	50,000	1.2×10^{-8}	16	1.5	2.5	0.1	±0.2
SRB-12	12.7	18	4.5	2.2	M2.5	0.5	0.2	0.4	40,000	1.1×10^{-7}	40	4.4	2.5	0.1	±0.3
SRB-16	16	18.5	4.7	2.3	M3	0.7	0.4	0.8	30,000	2.8×10^{-7}	75	7.2	2.5	0.15	±0.3
SRB-19	19.1	22	6	2.9	M3	0.7	0.6	1.2	24,000	6.4×10^{-7}	150	12	2.5	0.15	±0.3
SRB-22	22.2	25	6.5	3.2	M4	1.7	1	2	20,000	1.4×10^{-6}	200	17.4	2.5	0.15	±0.4
SRB-26	26.2	30	7.7	3.4	M4	1.7	2	4	18,000	3.1×10^{-6}	340	29.2	2.5	0.2	±0.4
SRB-32	31.8	39	9.4	4.7	M5	4	3.8	7.6	18,000	9.4×10^{-6}	450	56.8	2.5	0.2	±0.4
SRB-39	39	56	16	5.9	M5	4	7	14	12,000	2.8×10^{-5}	640	124	2.5	0.25	±0.4
SRB-49	49	70	19.8	9.4	M6	7	15	30	10,000	1.0×10^{-4}	1,500	280	2.5	0.25	±0.5
SRB-60	60	88	19	9	M8	15	30	60	8,500	2.7×10^{-4}	2,500	500	2.5	0.3	±0.5

- The Moment of Inertia and Mass values are based on products with max. Inner diameter.
- The number of screw for SRB-8 is 1pc.
- Max. torque/rated torque is the value regarding to a coupling's self-durability and is not related to slip-torque between the coupling bore and the shaft. (Set-screw type is usually less durable than other clamping method, thus please consider it has a complementary option e.g. keyway along with.)

Side-clamp

Model	Size (±0.3mm)				Screw		Rated Torque (N·m)	Max. Torque (N·m)	Max. rpm (min^{-1})	Moment of Inertia ($kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Mass (g)	Permissible Misalignment		
	D	L	L_1	F	Size	Fastening Torque (N·m)							Angular (°)	Parallel (mm)	End-play (mm)
SRB-12C	12.7	19	5	2.5	M2	0.5	0.2	0.4	35,000	1.1×10^{-7}	40	4.4	2.5	0.1	±0.3
SRB-16C	16	21.5	6.1	3	M2.6	1	0.4	0.8	27,000	3.1×10^{-7}	75	8.2	2.5	0.15	±0.3
SRB-19C	19.1	23	6.2	3.1	M2.6	1	0.6	1.2	20,000	6.4×10^{-7}	150	12	2.5	0.15	±0.3
SRB-22C	22.2	26.5	7.2	3.6	M3	1.7	1	2	18,000	1.4×10^{-6}	200	17.9	2.5	0.15	±0.4
SRB-26C	26.2	31.5	7.5	3.7	M3	1.7	2	4	17,000	3.2×10^{-6}	340	29.9	2.5	0.2	±0.4
SRBA-32C	31.8	39	9.4	4.7	M4	3.5	3.8	7.6	14,000	8.6×10^{-6}	450	54.9	2.5	0.2	±0.4
SRBB-32C	31.8	44	9.4	4.7	M4	3.5	3.8	7.6	14,000	1.0×10^{-5}	450	62.3	2.5	0.2	±0.4
SRBA-39C	39	43	10.7	5.3	M5	8	7	14	10,000	2.1×10^{-5}	640	87.8	2.5	0.25	±0.4
SRBB-39C	39	56	12	5.5	M5	8	7	14	10,000	2.8×10^{-5}	640	117	2.5	0.25	±0.4
SRBA-49C	49	63.5	15.1	7.5	M6	13	15	30	10,000	8.4×10^{-5}	1,500	236	2.5	0.25	±0.5
SRBB-49C	49	70	14.5	7.2	M6	13	15	30	8,400	1.0×10^{-4}	1,500	258	2.5	0.25	±0.5
SRBA-60C	60	76.2	19	9.4	M8	30	30	60	7,000	2.2×10^{-4}	2,500	407	2.5	0.25	±0.5
SRBB-60C	60	88	19	9.4	M8	30	30	60	7,000	2.6×10^{-4}	2,500	483	2.5	0.25	±0.5

- The Moment of Inertia and Mass values are based on products with max. Inner diameter.
- Max. torque/rated torque is the value regarding to a coupling's self-durability and is not related to slip-torque between the coupling bore and the shaft.

SRB SERIES

Radial Beam Coupling (Ultra High Strength Aluminum Alloy Body)

Standard Inner Diameter (ID)

Model	Standard Inner Diameter (d_1, d_2) (mm)																			
	2	3	4	5	6	6.35	8	9.525	10	11	12	14	15	16	18	19	20	22	24	25
SRB-8□	●	●																		
SRB-12□		●	●	●																
SRB-16□		●	●	●	●															
SRB-19□			●	●	●	●	●													
SRB-22□				●	●	●	●	●	●											
SRB-26□				●	●	●	●	●	●	●	●									
SRB□-32□							●	●	●	●	●	●	●							
SRB□-39□									●	●	●	●	●	●	●	●				
SRB□-49□											●	●	●	●	●	●	●			
SRB□-60□													●	●	●	●	●	●	●	●

- The recommended shaft tolerance is h7.
- Custom process (e.g. non-standard Inner diameter, special tolerance etc.) is also available upon a special request in prior to order placement.
- Keyway is available. (Optional)

Slip Torque

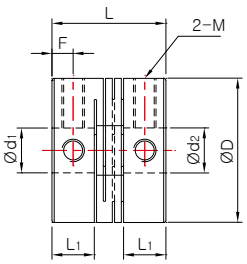
- The below table shows the actual permissible torque values when the slip torque value is lower than the coupling's max. torque value.
- If the slip torque value is lower than the coupling's max. torque value, please check and compare between the slip torque in the below table and the operating torque value of the connected motor. It is safer to size up the coupling or use a key/keyway when the slip torque value is lower than the motor's operating torque.
- The below slip torque values may be subject to change according to different testing conditions. (e.g. shaft tolerance, Surface roughness, or acceleration/deceleration of driving shafts). On the other hand, the values could be affected when a different kind of fastening screw is used (body material or surface treatment). Therefore, we recommend you test under the same conditions before mounting.

Model	Max. Torque (N.m)	Slip Torque (N.m) by Inner Diameter (d_1, d_2)												
		5	6	6.35	8	9.525	10	11	12	14	15	16	18	19
SRB-26C	4	2.2	2.8	2.8	3.5									
SRB□-32C	7.6				5.6	7								
SRB□-39C	14						12							
SRB□-49C	30								21	27				
SRB□-60C	60										34	40	46	54

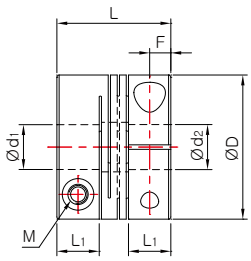
SRB SERIES (SRBM)

Radial Beam Coupling (Ultra High Strength Aluminum Alloy Body)

Set-screw (SRBM-no mark)



Side-clamp (SRBM-C)



Dimensions / Performance

Set-screw

Model	Size (±0.3mm)				Screw		Rated Torque (N·m)	Max. Torque (N·m)	Max. rpm (min^{-1})	Moment of Inertia ($kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Mass (g)	Permissible Misalignment		
	D	L	L_1	F	Size	Fastening Torque (N·m)							Angular (°)	Parallel (mm)	End-play (mm)
SRBM-12	12.7	13	4.5	2.2	M2.5	0.5	0.2	0.4	40,000	8.0×10^{-8}	60	3.2	1	-	±0.15
SRBM-16	16	14	5	2.4	M3	0.7	0.4	0.8	30,000	2.2×10^{-7}	130	5.8	1	-	±0.15
SRBM-19	19.1	17	6.3	3.1	M3	0.7	0.6	1.2	24,000	5.3×10^{-7}	160	10	1	-	±0.15
SRBM-22	22.2	19	6.9	3.3	M4	1.7	1	2	20,000	1.1×10^{-6}	180	14	1	-	±0.15
SRBM-26	26.2	22	7.9	3.8	M4	1.7	2	4	18,000	2.5×10^{-6}	480	25	1	-	±0.15
SRBM-32	31.8	29	10.5	5.1	M5	4	3.8	7.6	16,000	6.9×10^{-6}	780	44.9	1	-	±0.15

- The Moment of Inertia and Mass values are based on products with max. Inner diameter.
- Max. torque/rated torque is the value regarding to a coupling's self-durability and is not related to slip-torque between the coupling bore and the shaft. (Set-screw type is usually less durable than other clamping method, thus please consider it has a complementary option e.g. keyway along with.)

Side-clamp

Model	Size (±0.3mm)				Screw		Rated Torque (N·m)	Max. Torque (N·m)	Max. rpm (min^{-1})	Moment of Inertia ($kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Mass (g)	Permissible Misalignment		
	D	L	L_1	F	Size	Fastening Torque (N·m)							Angular (°)	Parallel (mm)	End-play (mm)
SRBM-12C	12.7	14	5	2.5	M2	0.5	0.2	0.4	35,000	7.9×10^{-8}	60	3.2	1	-	±0.15
SRBM-16C	16	16	6	3	M2.6	1	0.4	0.8	27,000	2.3×10^{-7}	130	6.3	1	-	±0.15
SRBM-19C	19.1	17	6.3	3.1	M2.6	1	0.6	1.2	20,000	5.0×10^{-7}	160	9.2	1	-	±0.15
SRBM-22C	22.2	20	7.4	3.7	M3	1.7	1	2	18,000	1.1×10^{-6}	180	15	1	-	±0.15
SRBM-26C	26.2	23	8.4	4.1	M3	1.7	2	4	17,000	2.5×10^{-6}	480	25	1	-	±0.15
SRBM-32C	31.8	30	11	5.4	M4	3.5	3.8	7.6	14,000	6.8×10^{-6}	780	44	1	-	±0.15

- The Moment of Inertia and Mass values are based on products with max. Inner diameter.
- Max. torque/rated torque is the value regarding to a coupling's self-durability and is not related to slip-torque between the coupling bore and the shaft.

SRB SERIES (SRBM)

Radial Beam Coupling (Ultra High Strength Aluminum Alloy Body)

Standard Inner Diameter (ID)

Model	Standard Inner Diameter (d_1, d_2) (mm)											
	3	4	5	6	6.35	8	9.525	10	11	12	14	15
SRBM-12□	●	●	●									
SRBM-16□	●	●	●	●								
SRBM-19□		●	●	●	●	●						
SRBM-22□			●	●	●	●	●	●				
SRBM-26□			●	●	●	●	●	●	●	●		
SRBM-32□				●	●	●	●	●	●	●	●	●

- The recommended shaft tolerance is h7.
- Custom process (e.g. non-standard Inner diameter, special tolerance etc.) is also available upon a special request in prior to order placement.
- Keyway is available. (Optional)

Slip Torque (Side-clamp type only)

- The below table shows the actual permissible torque values when the slip torque value is lower than the coupling's max. torque value.
- If the slip torque value is lower than the coupling's max. torque value, please check and compare between the slip torque in the below table and the operating torque value of the connected motor. It is safer to size up the coupling or use a key/keyway when the slip torque value is lower than the motor's operating torque.
- The below slip torque values may be subject to change according to different testing conditions. (e.g. shaft tolerance, Surface roughness, or acceleration/deceleration of driving shafts). On the other hand, the values could be affected when a different kind of fastening screw is used (body material or surface treatment). Therefore, we recommend you test under the same conditions before mounting.

Model	Max. Torque (N.m)	Slip Torque (N.m) by Inner Diameter (d_1, d_2)											
		5	6	6.35	8	9.525	10	11	12	14	15	16	18
SRBM-26C	4	2.2	2.8	2.8	3.5								
SRBM-32C	7.6				5.6	7							

SRBS SERIES

Radial Beam Coupling (Stainless Steel Body)

Structure and Material

General

Set-screw (SRBS-no mark)

Side-clamp (SRBS-C)

Structure	Material	Surface Treatment
Body	Stainless Steel	-
Screw	SUSXM7	-

Space-saving

Side-clamp (SRBMS-C)

Structure	Material	Surface Treatment
Body	Stainless Steel	-
Screw	SUSXM7	-

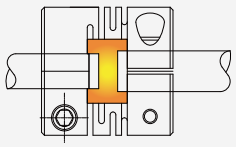
Product Features & Application

- SRB series is one-piece metal coupling with no backlash and absorbs misalignment through its slit structures.
- SRBS series is made of stainless steel in order to enhance its corrosion resistance function.

		SRBS	SRBMS
Backlash free (Precision)		☆	☆
High Torque (Durability)		△	△
Torsional Stiffness		○	○
Vibration Absorption		-	-
Misalignment Absorption		○	△
Corrosion resistance		☆	☆
Applicable Motors	Servo	○	○
	Stepping	○	○
	Encoder	○	○
	General	-	-

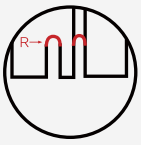
Application : UVW Stage, XY Stage, Part feeder, Encoder and applications which requires corrosion resistant couplings.

INNER-RELIEF AREA



- SRB series has the “relief” space structure in the middle area, in case there is interference that causes damages.

ROUND-SHAPED SLITS



- SRB series has rounded slits(cuts) structure to disperse stress concentration.

Clamping Methods

Set-screw (No mark)	General	△
	With Keyway	○
Side-clamp (C)	General	○
	Hub Split	X
	With Keyway	○
Taper-ring (T)		X

How to Order

SRBS - 32 C - 10 K3 x 14 K4

- SRBS: Model
- 32: OD(D) size
- C: Clamping Methods ①
- 10: ID(d) size(d1)
- K3: Keyway (K) ②
- 14: ID(d) size(d2)
- K4: Keyway (K) ②

① Clamping Methods

No mark	Set-screw
C	General Side-clamp

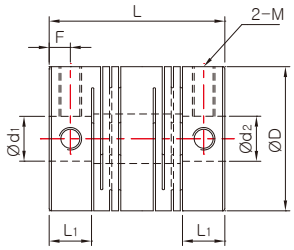
② Keyway

No mark	No Keyway
K(b size)	Keyway processed according to the indicated b size.

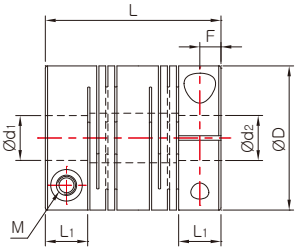
SRBS SERIES

Radial Beam Coupling (Stainless Steel Body)

Set-screw (SRBS-no mark)



Side-clamp (SRBS-C)



Dimensions / Performance

Set-screw

Model	Size (±0.3mm)				Screw		Rated Torque (N·m)	Max. Torque (N·m)	Max. rpm (min^{-1})	Moment of Inertia ($kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Mass (g)	Permissible Misalignment		
	D	L	L_1	F	Size	Fastening Torque (N·m)							Angular (°)	Parallel (mm)	End-play (mm)
SRBS-12	12.7	18	4.5	2.2	M2.5	0.5	0.2	0.4	34,000	3.0×10^{-7}	65	12.4	2.5	0.1	±0.3
SRBS-16	16	18.5	4.7	2.3	M3	0.7	0.4	0.8	27,000	7.7×10^{-7}	85	21	2.5	0.15	±0.3
SRBS-19	19.1	22	5.9	2.9	M3	0.7	0.6	1.2	20,000	1.8×10^{-6}	230	34	2.5	0.15	±0.3
SRBS-22	22.2	25	6.5	3.2	M4	1.5	1	2	17,000	3.8×10^{-6}	290	49.5	2.5	0.15	±0.4
SRBS-26	26.2	30	7.7	3.4	M4	1.5	2	4	16,000	8.8×10^{-6}	350	84	2.5	0.2	±0.4
SRBS-32	31.8	39	9.4	4.7	M5	2	3.8	7.6	14,000	2.7×10^{-5}	840	160	2.5	0.2	±0.4
SRBS-39	39	56	16	5.9	M5	2	7	14	10,000	8.8×10^{-5}	1,000	388	2.5	0.25	±0.4
SRBS-49	49	70	19.8	9.4	M6	4	15	30	7,000	2.8×10^{-4}	1,400	775	2.5	0.25	±0.5
SRBS-60	60	88	19	9	M8	8	30	60	6,000	7.6×10^{-4}	1,800	1,416	2.5	0.3	±0.5

- The Moment of Inertia and Mass values are based on products with max. Inner diameter.
- Max. torque/rated torque is the value regarding to a coupling's self-durability and is not related to slip-torque between the coupling bore and the shaft. (Set-screw type is usually less durable than other clamping method, thus please consider it has a complementary option e.g. keyway along with.)

Side-clamp

Model	Size (±0.3mm)				Screw		Rated Torque (N·m)	Max. Torque (N·m)	Max. rpm (min^{-1})	Moment of Inertia ($kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Mass (g)	Permissible Misalignment		
	D	L	L_1	F	Size	Fastening Torque (N·m)							Angular (°)	Parallel (mm)	End-play (mm)
SRBS-12C	12.7	19	5	2.5	M2	0.5	0.2	0.4	32,000	3.0×10^{-7}	65	13	2.5	0.1	±0.3
SRBS-16C	16	21.5	6.1	3	M2.6	1	0.4	0.8	25,000	9.0×10^{-7}	85	26	2.5	0.15	±0.3
SRBS-19C	19.1	23	6.2	3.1	M2.6	1	0.6	1.2	18,000	1.7×10^{-6}	230	32	2.5	0.15	±0.3
SRBS-22C	22.2	26.5	7.2	3.6	M3	1.5	1	2	15,000	3.8×10^{-6}	290	43	2.5	0.15	±0.4
SRBS-26C	26.2	31.5	7.5	3.7	M3	1.5	2	4	14,000	8.6×10^{-6}	350	84	2.5	0.2	±0.4
SRBS-32C	31.8	39	9.4	4.7	M4	2.5	3.8	7.6	12,000	2.5×10^{-5}	840	160	2.5	0.2	±0.4
SRBAS-39C	39	43	10.7	5.3	M5	4	7	14	9,000	6.1×10^{-5}	1,200	280	2.5	0.25	±0.4
SRBBS-39C	39	56	12	5.5	M5	4	7	14	9,000	8.6×10^{-5}	1,000	360	2.5	0.25	±0.4
SRBAS-49C	49	63.5	15.1	7.5	M6	8	15	30	7,000	2.7×10^{-4}	1,600	672	2.5	0.25	±0.5
SRBBS-49C	49	70	14.5	7.2	M6	8	15	30	7,000	2.8×10^{-4}	1,400	740	2.5	0.25	±0.5
SRBAS-60C	60	76.2	19	9.4	M8	16	30	60	5,000	7.2×10^{-4}	2,000	1,150	2.5	0.25	±0.5
SRBBS-60C	60	88	19	9.4	M8	16	30	60	5,000	8.6×10^{-4}	1,800	1,370	2.5	0.25	±0.5

- The Moment of Inertia and Mass values are based on products with max. Inner diameter.
- Max. torque/rated torque is the value regarding to a coupling's self-durability and is not related to slip-torque between the coupling bore and the shaft.

SRBS SERIES

Radial Beam Coupling (Stainless Steel Body)

Standard Inner Diameter (ID)

Model	Standard Inner Diameter (d_1, d_2) (mm)																		
	3	4	5	6	6.35	8	9.525	10	11	12	14	15	16	18	19	20	22	24	25
SRBS-12□	●	●	●																
SRBS-16□	●	●	●	●															
SRBS-19□		●	●	●	●	●													
SRBS-22□			●	●	●	●	●	●											
SRBS-26□			●	●	●	●	●	●	●	●									
SRB□S-32□						●	●	●	●	●	●	●							
SRB□S-39□								●	●	●	●	●	●						
SRB□S-49□										●	●	●	●	●	●	●			
SRB□S-60□												●	●	●	●	●	●	●	●

- The recommended shaft tolerance is h7.
- Custom process (e.g. non-standard Inner diameter, special tolerance etc.) is also available upon a special request in prior to order placement.
- Keyway is available. (Optional)

Slip Torque

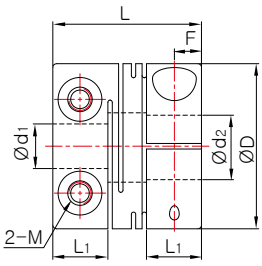
- The below table shows the actual permissible torque values when the slip torque value is lower than the coupling's max. torque value.
- If the slip torque value is lower than the coupling's max. torque value, please check and compare between the slip torque in the below table and the operating torque value of the connected motor. It is safer to size up the coupling or use a key/keyway when the slip torque value is lower than the motor's operating torque.
- The below slip torque values may be subject to change according to different testing conditions. (e.g. shaft tolerance, Surface roughness, or acceleration/deceleration of driving shafts). On the other hand, the values could be affected when a different kind of fastening screw is used (body material or surface treatment). Therefore, we recommend you test under the same conditions before mounting.

Model	Max. Torque (N.m)	Slip Torque (N.m) by Inner Diameter (d_1, d_2)																		
		3	4	5	6	6.35	8	9.525	10	11	12	14	15	16	18	19	20	22	24	25
SRBS-12C	0.4	0.3	0.5																	
SRBS-16C	0.8	0.7	0.9																	
SRBS-19C	1.2		0.9																	
SRBS-22C	2			1.4	1.8															
SRBS-26C	4			0.7	1	1.1	1.2	2	3.2	3.2	3.2									
SRB□S-32C	7.6						1.4	1.4	1.4	1.7	3	4.1	3							
SRB□S-39C	14								2	2.3	2.7	4.4								
SRB□S-49C	30										5.1	6	6	7.4	8	9	12			
SRB□S-60C	60												7.7	15	17	17	17	19	45	40

SRBS SERIES (SRBMS)

Radial Beam Coupling (Stainless Steel Body)

Side-clamp (SRBMS-C)



Dimensions / Performance

Model	Size (±0.3mm)				Screw		Rated Torque (N·m)	Max. Torque (N·m)	Max. rpm (min^{-1})	Moment of Inertia ($kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Mass (g)	Permissible Misalignment		
	D	L	L_1	F	Size	Fastening Torque (N·m)							Angular (°)	Parallel (mm)	End-play (mm)
SRBMS-12C	12.7	14	5	2.5	M2	0.5	0.2	0.4	20,000	2.4×10^{-7}	120	10	1	-	±0.15
SRBMS-16C	16	16	6	3	M2.6	1	0.4	0.8	20,000	7.0×10^{-7}	240	20	1	-	±0.15
SRBMS-19C	19.1	17	6.3	3.1	M2.6	1	0.6	1.2	19,000	1.5×10^{-6}	300	32	1	-	±0.15
SRBMS-22C	22.2	20	7.4	3.7	M3	1.5	1	2	17,000	3.1×10^{-6}	350	42	1	-	±0.15
SRBMS-26C	26.2	23	8.4	4.1	M3	1.5	2	4	15,000	7.2×10^{-6}	720	70	1	-	±0.15
SRBMS-32C	31.8	30	11	5.4	M4	2.5	3.8	7.6	10,000	2.0×10^{-5}	1,300	140	1	-	±0.15

- The Moment of Inertia and Mass values are based on products with max. Inner diameter.
- Max. torque/rated torque is the value regarding to a coupling's self-durability and is not related to slip-torque between the coupling bore and the shaft.

Standard Inner Diameter (ID)

Model	Standard Inner Diameter (d_1, d_2) (mm)											
	3	4	5	6	6.35	8	9.525	10	11	12	14	15
SRBMS-12C	●	●	●									
SRBMS-16C	●	●	●	●								
SRBMS-19C		●	●	●	●	●						
SRBMS-22C			●	●	●	●	●	●				
SRBMS-26C			●	●	●	●	●	●	●	●		
SRBMS-32C						●	●	●	●	●	●	●

- The recommended shaft tolerance is h7.
- Custom process (e.g. non-standard Inner diameter, special tolerance etc.) is also available upon a special request in prior to order placement.
- Keyway is available. (Optional)

Slip Torque

- The below table shows the actual permissible torque values when the slip torque value is lower than the coupling's max. torque value.
- If the slip torque value is lower than the coupling's max. torque value, please check and compare between the slip torque in the below table and the operating torque value of the connected motor. It is safer to size up the coupling or use a key/keyway when the slip torque value is lower than the motor's operating torque.
- The below slip torque values may be subject to change according to different testing conditions. (e.g. shaft tolerance, Surface roughness, or acceleration/deceleration of driving shafts). On the other hand, the values could be affected when a different kind of fastening screw is used (body material or surface treatment). Therefore, we recommend you test under the same conditions before mounting.

Model	Max. Torque (N.m)	Slip Torque (N.m) by Inner Diameter (d_1, d_2)											
		3	4	5	6	6.35	8	9.525	10	11	12	14	15
SRBMS-12C	0.4	0.3	0.3	0.3									
SRBMS-16C	0.8	0.4	0.5										
SRBMS-19C	1.2		0.7	1.1									
SRBMS-22C	2			1	1.3	1.4	1.8						
SRBMS-26C	4			1.3	1.3	1.6	2.2	2	2	2.3			
SRBMS-32C	7.6						1.5	1.5	1.5	1.7	2.9	4.1	3.5