



# Coupling Rods for Air Cylinders/Thread Adapters

- L Dimension Selectable, L Dimension Specified, L and F Dimension Specified Type -

CAD Data

## Coupling Rod for Air Cylinders

RoHS



Type			M	S	A
L Dimension Selectable	L Dimension Specified	L-F Dimension Specified			
FJEB	FJEB	FJEBF	1.1191/C45E	Black Oxide	1.0040/Ut.42.2
FJERC	FJERC	FJERC	1.4301/X5CrNi18-10	Electroless Nickel Plating	1.4301/X5CrNi18-10
FJESC	FJES	FJESF	-	-	-

  

For L Dimension Specified Type, surface treatment is not added to the female thread end.

Part Number	Type	M-Pitch	L		Specified Type (1mm Increment)	Fixed	F Specified Type (1mm Increment)	A	B	C	Attached Nuts		Unit Price									
			Selection Type	Specified Type (1mm Increment)							Qty.	Qty.	FJEB	FJERC	FJESC	FJEB	FJERC	FJESC	FJEBF	FJERC	FJESF	
L Dimension Selectable Type	FJEB	3-0.5	20 25 30 35 40 50 75 100	20-100	17.5	10-15	6	6.9	5.5	8.4	2.4	2	6.00	6.40	8.20	8.10	9.10	9.70	9.60	9.80	12.70	
L Dimension Specified Type	FJEB	4-0.7	30 35 40 50 75 100 150 200	32-200	18	14-40	14	11.5	10	11.5	5	5	7.40	7.10	9.10	9.00	10.20	10.70	9.80	10.10	13.20	
L-F Dimension Specified Type	FJEB	8-1.0	40 50 75 100 150 200	40-200	22	14-50	17	19.6	17	19.6	6	6	8.70	9.20	17.50	11.70	13.20	19.40	14.00	16.80	23.10	

\* For M-Pitch 18-1.5, L=40, the effective thread length of female thread is Mx1.5.

## Thread Conversion Adapters

RoHS



Type				M	S
Full Thread	Stepped Thread	Hexagon	Hexagon Shoulder		
SAA	SAB	SAC	SAD	1.1191/C45E	Black Oxide
SAAM	SABM	SACM	SADM	1.4301/X5CrNi18-10	Electroless Nickel Plating
SAAS	SABS	SACS	SADS	-	-

  

Part Number	M		L		N (Coarse Thread)				E				H	B	C
	Coarse	Fine	1mm Increment	1mm Increment	NS (Fine Thread)		NS (Fine Thread)		1mm Increment		1mm Increment				
SAA	5	-	20-100	3	4	5	6	8	10	11.5	5-16	3	8	9.2	
SAB	6	-	20-100	3	4	5	6	8	10	11.5	6-20	3	10	11.5	
SAC	8	8S	30-150	4	5	6	8	10	12	14	8-24	3	13	15	
SAAM	10	10S	30-150	5	6	8	10	12	14	16	10-32	4	17	19.6	
SABM	12	12S	40-200	6	8	10	12	14	16	18	12-40	5	19	21.9	
SACM	14	14S	40-200	6	8	10	12	14	16	18	14-48	6	22	25.4	
SADM	16	16S	40-200	8	10	12	14	16	18	20	16-56	7	24	27.7	
SAAS	18	18S	50-200	10	12	14	16	18	20	22	18-64	8	27	31.2	
SACS	20	20S	50-200	10	12	14	16	18	20	22	20-72	10	30	34.6	

\* The circled numbers in the N column (Coarse) are not available for SAA, SAAM and SAAS. \* marked dimensions are applicable for Coarse Thread only.  
 \* For SAA, SAAM and SAAS, L<sub>2</sub>Nx4 For SAB, SABM and SABS, L<sub>2</sub>Mx2+E For SAC, SACM and SACS, L<sub>2</sub>Mx4+E For SAD, SADM and SADS, M+H+N (NS)<sub>2</sub>L<sub>2</sub>Mx4+H+N (NS)<sub>2</sub>x4

Part Number - L - N - E

Order Example: FJERC10-1.5 - 30 - NS10 (Coarse Thread) - E20

Days to Ship: 8 Days

Price: Express A 2.00 EUR/ piece P.92

Alterations: Slitting

Code: MWC - NWC

Spec: Available for SAA, SAAM, SAAS, SAB, SABM and SABS.

Price Adder: MWC 2.00 - NWC 2.00

# Spherical Bearings, Spherical Bearing Holder Sets

- Standard Type, Oil Free Type -

CAD Data

## Spherical Bearing



Type	Holder	Spherical Inner Ring		Bushing	Holder	Holder	Retaining Ring
		Standard Type	Oil Free Type				
Standard Type	RBPB	1.1181/C35E	1.3505/100Cr6 (58HRC-)	Special Copper Alloy	1.1181/C35E	Black Oxide	1.4301/X5CrNi18-10
Oil Free Type	RBHB	Zinc Alloy	1.3505/100Cr6 (600HV-)	Special Fluororesin	Zinc Alloy	Black Oxide	Electroless Nickel Plating

  

Part Number	Type	d	D	B	B1	d1	H	R	Ball Dia. Ø (mm)	Allowable Slant Angle			Static Load Capacity Radial Cs (kN)		Mass (g)	Unit Price			
										α1°	α2°	α3°	Standard	Oil Free		Qty. 1-9	10-29	Qty. 1-9	10-29
RBPB	5	16	6	8	7.7	1	0.3	11.112	8 (7)	13	30	7.84	13.1	8.5	9.60	9.10	9.10	8.60	
RBHB	6	18	6.75	9	9	1	0.3	12.7	7	13	30	9.8	16.9	13	9.60	9.10	9.60	9.10	

Part Number: RBPB14

Days to Ship: 8 Days

Express A 3.00 EUR/ piece P.92

Condition of Use: Shaft Housing

Clearance: Standard Type Oil Free Type

## Spherical Bearing Holder Sets



Type	Round Type	Compact Type	Spherical Bearings			Holder	Holder	Retaining Ring
			Holder	Spherical Inner Ring	Bushing			
Standard Type	RBPBRB	RBPBCB	1.1181/C35E	1.3505/100Cr6 (58HRC-)	Special Copper Alloy	1.1181/C35E	Black Oxide	1.4301/X5CrNi18-10
Oil Free Type	RBHBRB	RBHBBCB	Zinc Alloy	1.3505/100Cr6 (600HV-)	Special Fluororesin	Zinc Alloy	Black Oxide	Electroless Nickel Plating

  

Part Number	Type	d	D <sub>H7</sub>	B	B <sub>1</sub>	H	W	T	T <sub>1</sub>	E	dh	D <sub>1</sub>	Tolerance	D <sub>2</sub>	P.C.D.	A	F	M (Coarse Thread)	d <sub>1</sub>	H <sub>1</sub>	Specifications for Spherical Bearing Holder Set			
																					Ball Dia. Ø (mm)	Allowable Slant Angle α1°	Static Load Capacity Radial Cs (kN)	Mass (g)
RBPBRB	5	16	6	4	38	25	13	11	6	12	20	-0.007	16	28	24	15	M5 (4.3)	8	5	5	5			
RBHBRB	6	18	6.75	3.25	40	28	13	11	6.38	14	23	-0.028	18	31	26	17	M5 (4.3)	8	5	5	5			

Part Number: RBPBRB12 RBPBCM5

Days to Ship: 8 Days

Condition of Use: Shaft Housing

Clearance: Standard Type Oil Free Type