

STAINLESS STEEL

rod accessories for cylinders



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Stainless Steel rod accessories for cylinders

Main features and certifications

Stainless Steel rod accessories for cylinders. Wide range of accessories for the cylinder piston rod fully made of stainless steel, to suite all applications. All rod accessories are supplied in compliance with Reach and RoHS directives.



Stainless Steel clevis ISO

from page 5.52.1



Series of stainless steel female clevis conforming to ISO 8140 standards for mounting onto the male piston rod of the cylinder.

Stainless Steel clevis DIN

from page 5.52.1



Series of stainless steel female clevis conforming to DIN 71752 standards for mounting onto the male piston rod of the cylinder.

Stainless Steel bearing heads

from page 5.54.1



Stainless Steel Bearings. Self-lubricating bearing heads (DIN 648K) with female thread, servicing-free conforming to ISO 8139 standard.

Stainless Steel self-aligning articulated coupling

from page 5.55.1



Bearings. Self-aligning articulated coupling. Supplied with hexagonal nut. For mounting onto the male piston rod of the cylinder. Allow to compensate the angular and parallel misalignments. Suitable for applications with high tractions.

Stainless Steel self-aligning coupling

from page 5.57.1



Couplings. Self-aligning articulated coupling for mounting onto the male piston rod of the cylinder. Allow to compensate the angular and parallel misalignments.

Stainless Steel rod accessories for cylinders

Matching

Item	Description	Matching with stainless steel cylinders					See page
		ISO6432 MDMX.. MDMAX..	ISO15552 AMX..	ROUND RDX.. RDMX.. RDMAX..	ROUND RXD..	ISO21287 CIX..	
FFX..ISO	Stainless Steel ISO clevis	●	●	-	●	● ⁽¹⁾	5.52.1
FFX..DIN	Stainless Steel DIN clevis	-	-	●	-	-	5.52.1
RFX..SE	Stainless Steel bearing heads	●	●	-	●	● ⁽¹⁾	5.54.1
GBX..	Stainless Steel self-aligning articulated coupling	●	●	-	●	● ⁽¹⁾	5.55.1
GCX..	Stainless Steel self-aligning coupling	●	●	-	●	● ⁽¹⁾	5.57.1

Key

● allowed matching; - not allowed matching

(1) matching with option M only.

Stainless Steel rod accessories for cylinders

Stainless Steel clevis

Main features

8 ÷ 200



FFX..ISO

Bores Ø

8140

Type



Options

Description	Suffix
Special versions on request	/S

Technical data

Type	Description	Materials
FFX..ISO	Female clevis. Conforming to ISO standards. Supplied complete with pin and seeger.	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	D (thread)	A _{B12}	B	D ₁	D ₂	E	L	L ₁	L ₂	N	R	Weight (g)
8-10	041052	FFX04ISO/DIN	M4x0,7	4	8	4	8	6	21	16	11	8	0,5	7
12-16	041053	FFX06ISO/DIN	M6x1	6	12	6	10	9	31	24	16	12	0,5	19
20	041054	FFX08ISO	M8x1,25	8	16	8	14	12	42	32	22	16	0,5	47
25-32	041055	FFX10ISO	M10x1,25	10	20	10	18	15	52	40	25	20	0,5	89
40	041056	FFX12ISO	M12x1,25	12	24	12	20	18	62	48	30	24	0,5	153
50-63	041057	FFX16ISO	M16x1,5	16	32	16	26	24	83	64	39	32	1	320
80-100	041058	FFX20ISO	M20x1,5	20	40	20	34	30	105	80	48	40	1	680
125	041112	FFX27ISO	M27x2	30	55	30	48	38	148	110	-	54	1	-
160-200	041113	FFX36ISO	M36x2	35	70	35	60	40	188	144	-	72	1	-

Main features

8 ÷ 63



FFX..DIN

Bores Ø

71752

Type



Options

Description	Suffix
Special versions on request	/S

Technical data

Type	Description	Materials
FFX..DIN	Female clevis. Conforming to DIN standards. Supplied complete with pin and seeger.	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	D (thread)	A _{B12}	B	D ₁	D ₂	E	L	L ₁	L ₂	N	R	Weight (g)
8-10	041052	FFX04ISO/DIN	M4x0,7	4	8	4	8	6	21	16	11	8	0,5	7
*	041071	FFX05DIN	M5x0,8	6	10	5	9	7,5	26	20	13,5	10	0,5	12
12-16	041053	FFX06ISO/DIN	M6x1	6	12	6	10	9	31	24	16	12	0,5	19
32**	041070	FFX10DIN	M10x1,5	10	20	10	18	15	52	40	25	20	0,5	89
40**	041216	FFX12DIN	M12x1,75	12	24	12	20	18	62	48	30	24	0,5	153
50-63**	041078	FFX16DIN	M16x2	16	32	16	26	24	83	64	39	32	1	320

*For cylinders not conforming to standards; **For cylinders series RDX, RDMX, RDMAX

Stainless Steel rod accessories for cylinders

Bearings - Stainless Steel bearing heads

Main features

8 ÷ 200

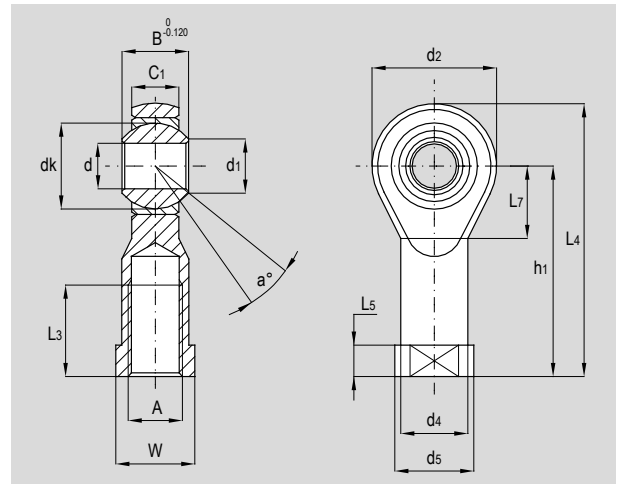


RFX..SE

Bores Ø

8139

Type



Technical data

Type	Description	Materials
RFX..SE	Bearings. Bearing head (DIN 648K) self lubricating and servicing free, with female thread.	Stainless Steel AISI 304

Dimensions

For cylinders ISO Ø mm	Code	Item	d h6	A h7	B	C ₁	d ₁	d ₂	d ₄	d ₅	dk	h ₁	L ₃	L ₄	L ₅	L ₇	W	a°	Static load (daN)	Weight (g)
8-10	041576	RFX5SE	5	M4x0,7	8	6	7,7	18	9	11	11,112	27	10	36	4	10	9	13	600	19
12-16	041570	RFX6SE	6	M6x1	9	6,75	8,9	20	10	13	12,700	30	12	40	5	11	11	13	700	26
20	041577	RFX8SE	8	M8x1,25	12	9	10,4	24	12,50	16	15,875	36	16	48	5	13	14	14	1200	46
25-32	040009	RFX10SE	10	M10x1,25	14	10,50	12,9	28	15	19	19,050	43	20	57	6,5	15	17	13	1400	75
40	041578	RFX12SE	12	M12x1,25	16	12	15,4	32	17,50	22	22,225	50	22	66	6,5	17	19	13	1900	112
50-63	040011	RFX16SE	16	M16x1,5	21	15	19,3	42	22	27	28,575	64	28	85	8	23	22	15	4800	220
80-100	041579	RFX20SE	20	M20x1,5	25	18	24,3	50	27,50	34	34,925	77	33	102	10	27	30	14	5200	406
125	041580	RFX30SE	30	M27x2	37	25	34,8	70	40	50	50,800	110	51	145	15	36	41	17	10800	1120
160-200	041581	RFX35SE	35	M36x2	43	28	37,7	80	46	58	57,150	125	56	165	17	41	50	19	12400	1595

Stainless Steel rod accessories for cylinders

Bearings - Stainless Steel self-aligning articulated coupling

Main features

8 ÷ 125

Bores Ø

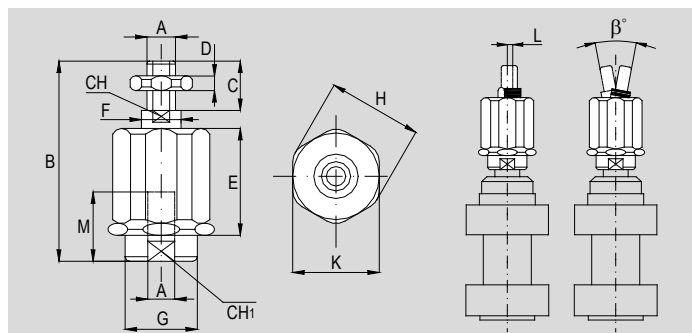
GBX

Type



Options

Description	Suffix
Special versions on request	/S



Technical data

Type	Description	Materials
GBX..	Bearings. Self-aligning articulated coupling. Supplied with hexagonal nut. For mounting onto the male piston rod of the cylinder. Allow to compensate the angular and parallel misalignments. Suitable for applications with high tractions.	Stainless Steel AISI 303

Dimensions

For cylinders ISO Ø mm	Code	Item	A (thread)	B	C	D	E	ØF	ØG	ØH	K	L	M	β°	CH	CH ₁	Max thrust and traction load (N)	Weight (g)
8-10	041734	GBX008	M4x0,7	33	8	2,2	15,5	6	8,5	14,5	12	1	10	3,2	10	12	750	20
12-16	041735	GBX010	M6x1	39	12	3,2	17,5	6	8,5	14,5	13	1	10	5	10	7	1200	23
20	041736	GBX020	M8x1,25	55	16	4	24,5	8	12,5	19	17	2	20	7	10	10	2500	60
25-32	041737	GBX040	M10x1,25	73	20	5	34	14	21	32	30	2	20	12	10	19	5000	230
40	041738	GBX060	M12x1,25	77	24	6	34	14	21	32	30	2	20	12	10	19	5000	230
50-63	041739	GBX100	M16x1,5	108	32	8	54	22	33,5	45	41	2	32	19	10	30	10000	650
80-100	041721	GBX120	M20x1,5	122	40	9	54	22	33,5	45	41	2	40	19	10	30	10000	710
125	041740	GBX130	M27x2	147	54	13,5	55	-	59	60	55	-	40	24	-	32	-	1600

Stainless Steel rod accessories for cylinders

Couplings - Self-aligning coupling

Main features

25 ÷ 200

Bores Ø

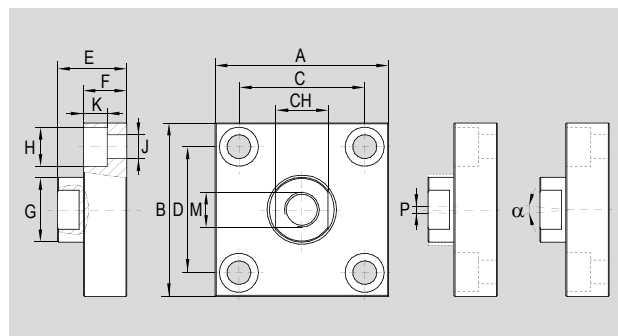
GCX

Type



Options

Description	Suffix
Special versions on request	/S



Technical data

Type	Description	Materials
GCX..	Couplings. Self-aligning articulated coupling for mounting onto the male piston rod of the cylinder. Allow to compensate the angular and parallel misalignments.	Stainless Steel AISI 303

Dimensions

M (thread)	Code	Item	A	B	C	D	CH	E	F	ØG	ØH	ØJ	K	P	α	Weight (g)
M10x1,25	041728	GCXM10x1,25	60	37	36 ±0,15	23 ±0,15	17	24	15	20	11	6,6	7	2	0,4+0,8	300
M12x1,25	041729	GCXM12x1,25	60	56	42 ±0,2	38 ±0,2	19	30	20	25	15	9	9	2	0,4+0,8	400
M16x1,5	041730	GCXM16x1,5	80	80	58 ±0,2	58 ±0,2	24	32	20	30	18	11	11	2	0,4+0,8	900
M20x1,5	041731	GCXM20x1,5	90	90	65 ±0,2	65 ±0,2	36	35	20	40	20	14	13	2	0,4+0,8	1100
M27x2	041732	GCXM27x2	90	90	65 ±0,2	65 ±0,2	36	35	20	40	20	14	13	2	0,4+0,8	1100
M36x2	041733	GCXM36x2	125	125	90 ±0,2	90 ±0,2	50	73,5	30	60	26	18	17	3	0,4+0,95	3400