


































Housing units & shaft supports for linear systems

This technical publication has been produced with a great deal of care and attention and all data has been checked for accuracy. However no liability can be assumed for any incorrect or incomplete data.
Due to constant development of the product range, we reserve the right to make modifications. In case of doubt please contact **fait international spa** for clarifications.

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HOUSING UNITS IN ALUMINUM ALLOY FOR COMPACT SERIES BEARING TYPE KH

The housing units for compact series bearing type KH are produced in high strength aluminum alloy. They are available in two versions:

- Closed type with single bearing unit **SA..**
- Closed type with tandem bearings unit **STA..**

Lubrication

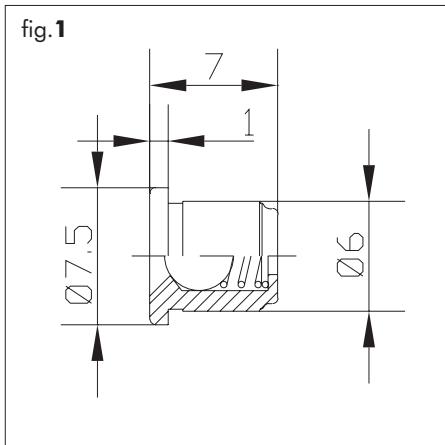
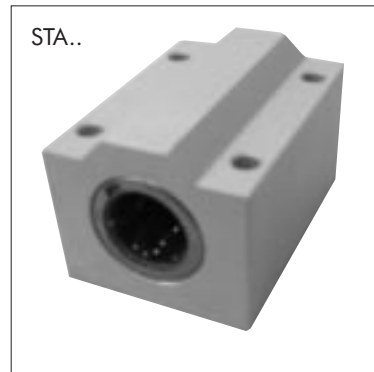
The standard units are not suitable for re-lubrication. However, the units can be ordered with the re-lubrication feature (**AS** suffix). In this case the housing has a circumferential groove connected to external grease fitting (see fig. 1). The grease will enter the bearings through the recirculation slots in the outer shell.

Bearing assembly

Linear bearings type KH are assembled with a light press fit. This insures not only the retention of the bearing but also the proper rounding of the unit.

Housing assembly

The assembly and retention of the units can be accomplished using bolts per (DIN 912 - 8.8).



HOUSING UNITS IN ALUMINUM ALLOY FOR PRECISION SERIES TYPE KB AND SELF-ALIGNING SERIES TYPE TK

The housing units for the precision series type **KB..** and self-aligning series type **TK..** are available in several designs:

Housings in high strength aluminum alloy

- **Single bearing units with two fixing holes:**
S2B (closed), **S2J** (closed - adjustable), **S2O** (open)
- **Single bearing units with four fixing holes:**
SB (closed), **SJ** (closed - adjustable), **SO** (open), **SOJ** (open - adjustable)
- **Tandem bearing unit**
SBT (closed), **STJ** (closed - adjustable), **SOT** (open), **SOJT** (open - adjustable)
- **Single bearing unit with lateral fixing**
SLO (open), **SLOJ** (open - adjustable),
- **Tandem unit for vertical installation:**
SVT (closed)
- **Square flange single bearing unit:**
SGF (closed)

Housings in cast iron

- **Single bearing units with four fixing holes:**
SG (closed), **SGJ** (closed and adjustable), **SGO** (open), **SGOJ** (open and adjustable)

Lubrication

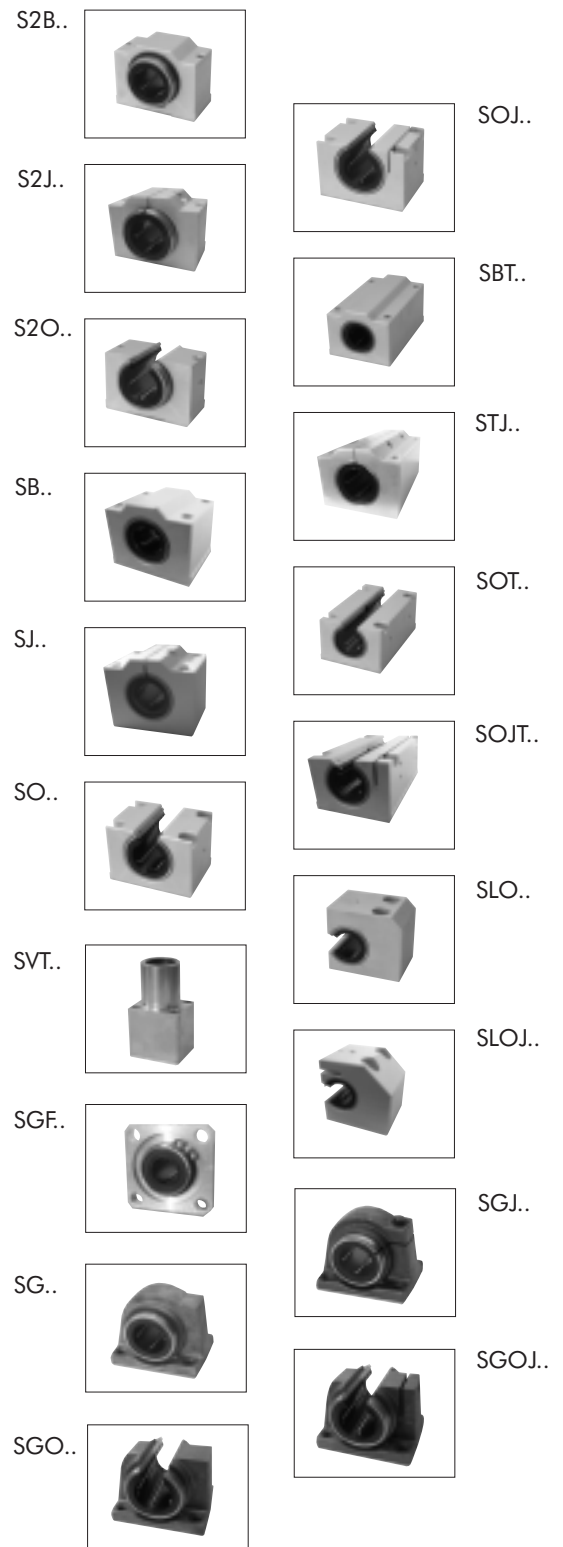
The standard units are not suitable for re-lubrication. However, the units can be ordered with the re-lubrication feature (AS suffix). In this case the housing has a circumferential groove connected to external grease fitting (see fig. 1). The grease will enter the bearings through the recirculation slots in the outer diameter. Tandem units have a single lubrication point, located between the bearings. The housings in cast iron are not suitable for re-lubrication.

Bearing assembly

The linear bearings are retained axially and prevented from rotating inside the housing unit by setscrews. In some cases the axial retention is accomplished using retaining rings (housings **S2B**, **S2J**, **SGF**, **SG**, **SGJ**).

Housing assembly

The assembly and retention of the units can be accomplished using bolts per (DIN 912 - 8.8).



ACCESSORIES

Shaft support rails

The shafts support rails provide a support to the shaft and are used in combination with the housing and bearing units of open design. They are available in multiple versions. All of the shaft support rails are made in aluminum alloy.

- **FTSN, FTSW, FTSWA** for mounting from the top
- **FTSU** for mounting from the bottom
- **FTSS, FTSC** for lateral mounting

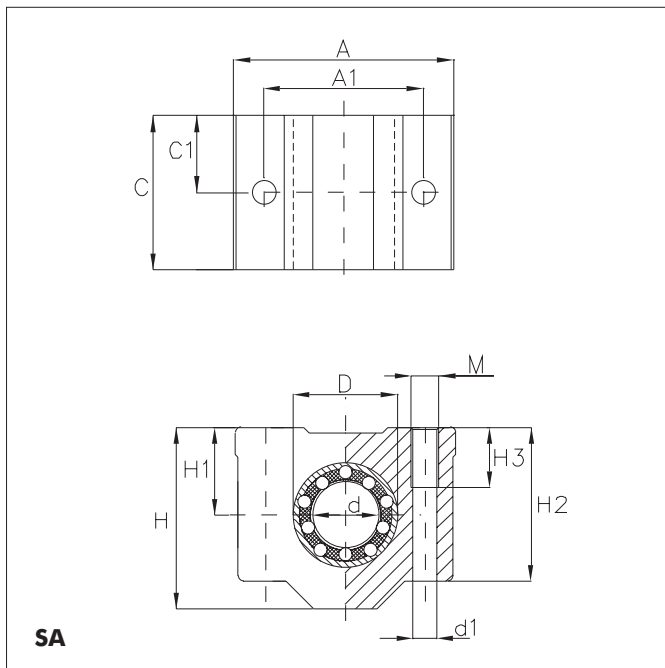
Shaft support rails are available with and without the mounting holes (see dimension tables) and with or without the accompanying shaft.

Shaft end support

These units are made in aluminum alloy and are used to fix the ends of a shaft.

They are available in several versions:

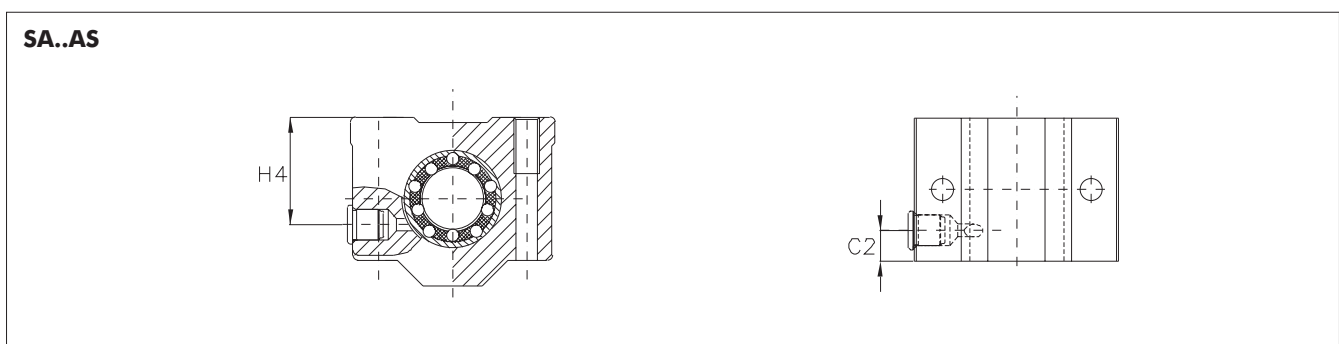
- **FGWH, FGWN, FGWA** for mounting from the top
- **SFWR** for lateral mounting.

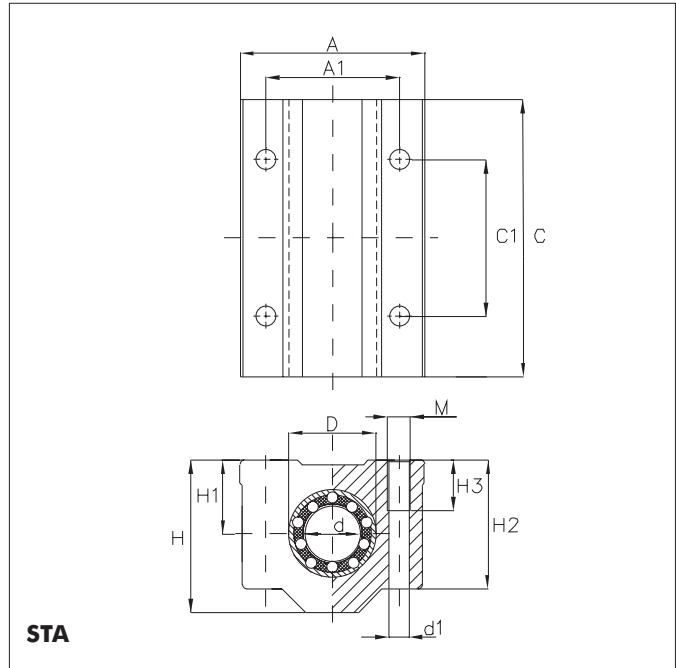
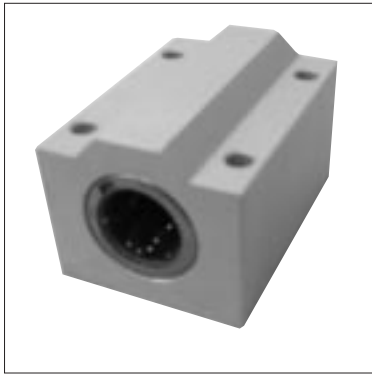


SA..
Closed type,
for compact series bearing type **KH..**

Type	d	D	Dimensions mm			Mounting dimensions mm								
			A	C	H	A1 $\pm 0,15$	C1	H1 $+0,010$ $-0,014$	H2	H3	M	d1	H4	C2
SA 12	12	19	40	28	33	29	14	17	28	11	M5	4,3	21	6
SA 14	14	21	45	28	38	34	14	18	33	11	M5	4,3	25	6
SA 16	16	24	45	30	38	34	15	19	33	11	M5	4,3	25	7
SA 20	20	28	53	30	45	40	15	23	39	13	M6	5,3	30	7
SA 25	25	35	62	40	54	48	20	27	46	18	M8	6,6	35	9
SA 30	30	40	67	50	60	53	25	30	52	18	M8	6,6	40	10
SA 40	40	52	87	60	76	69	30	39	66	22	M10	8,4	52	11
SA 50	50	62	103	70	92	82	35	47	80	26	M12	10,5	62	13

- Mounting bolts according to DIN 912 - 8.8.
- Grease nipple dimensions supplied with support see page 5.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix - **AS**.
- Housing without bearings.

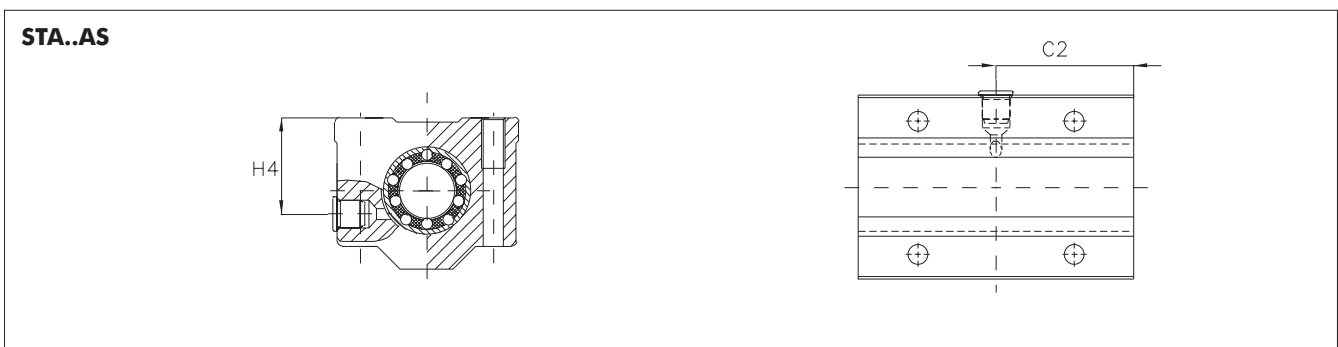


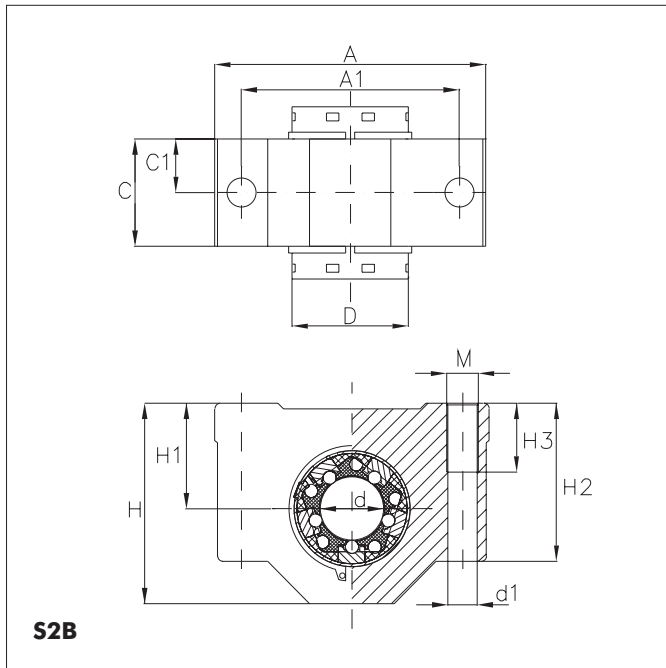


STA..
 Closed type, tandem
 for compact series bearing type **KH..**

Type	d	D	Dimensions mm			Mounting dimensions mm								
			A	C	H	A1 ±0,15	C1 ±0,15	H1 +0,010 -0,014	H2	H3	M	d1	H4	C2
STA 12	12	19	40	60	33	29	35	17	28	11	M5	4,3	21	30
STA 14	14	21	45	60	38	34	40	18	33	11	M5	4,3	25	30
STA 16	16	24	45	65	38	34	40	19	33	11	M5	4,3	25	32,5
STA 20	20	28	53	65	45	40	45	23	39	13	M6	5,3	30	32,5
STA 25	25	35	62	85	54	48	55	27	46	18	M8	6,6	35	42,5
STA 30	30	40	67	105	60	53	70	30	52	18	M8	6,6	40	52,5
STA 40	40	52	87	125	76	69	85	39	66	22	M10	8,4	52	62,5
STA 50	50	62	103	145	92	82	100	47	80	26	M12	10,5	62	72,5

- Mounting bolts according to DIN 912 - 8.8.
- Grease nipple dimensions supplied with support see page 5.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix - **AS**.
- Housing without bearings.

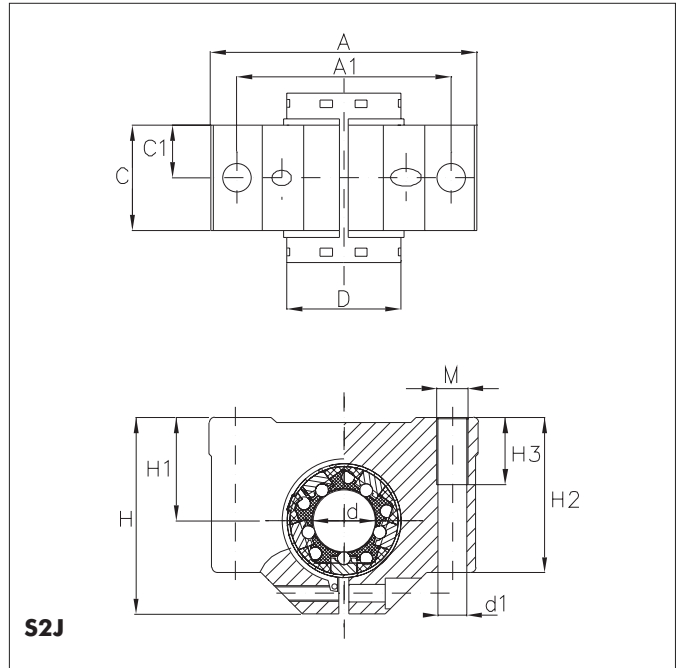




S2B..
 Closed type with two fixing holes,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm						
			A	C	H	A1 <small>±0,15</small>	C1	H1 <small>±0,015</small>	H2	H3	M	d1
S2B 12	12	22	52	20	38	42	10	20	30	13	M6	5,3
S2B 16	16	26	56	22	40	46	11	20	32	13	M6	5,3
S2B 20	20	32	70	28	50	58	14	25	41	18	M8	6,6
S2B 25	25	40	80	40	60	68	20	30	50	18	M8	6,6
S2B 30	30	47	88	48	70	76	24	35	60	18	M8	6,6
S2B 40	40	62	108	56	85	94	28	45	74	22	M10	8,4
S2B 50	50	75	135	72	102	116	36	50	87	27	M12	10,5
S2B 60	60	90	165	95	120	140	47,5	60	106	35	M16	13,5

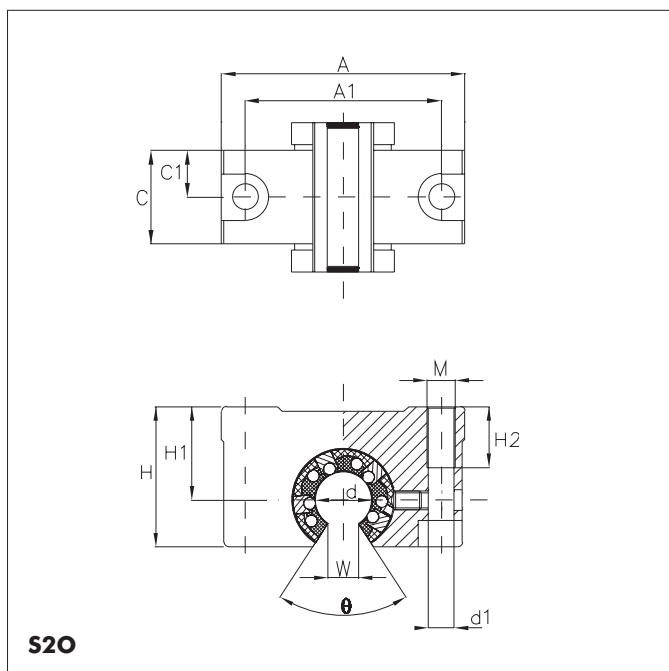
- Mounting bolts according to DIN 912 - 8.8.
- Housing without bearings.
- To fix the ball bushing use rings according to DIN 7980.



S2J..
Adjustable type with two fixing holes,
for precision series type **KB..**
and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm						
			A	C	H	A1 <small>±0,15</small>	C1	H1 <small>±0,015</small>	H2	H3	M	d1
S2J 12	12	22	52	20	38	42	10	20	30	13	M6	5,3
S2J 16	16	26	56	22	40	46	11	20	32	13	M6	5,3
S2J 20	20	32	70	28	50	58	14	25	41	18	M8	6,6
S2J 25	25	40	80	40	60	68	20	30	50	18	M8	6,6
S2J 30	30	47	88	48	70	76	24	35	60	18	M8	6,6
S2J 40	40	62	108	56	85	94	28	45	74	22	M10	8,4
S2J 50	50	75	135	72	102	116	36	50	87	27	M12	10,5
S2J 60	60	90	165	95	120	140	47,5	60	106	35	M16	13,5

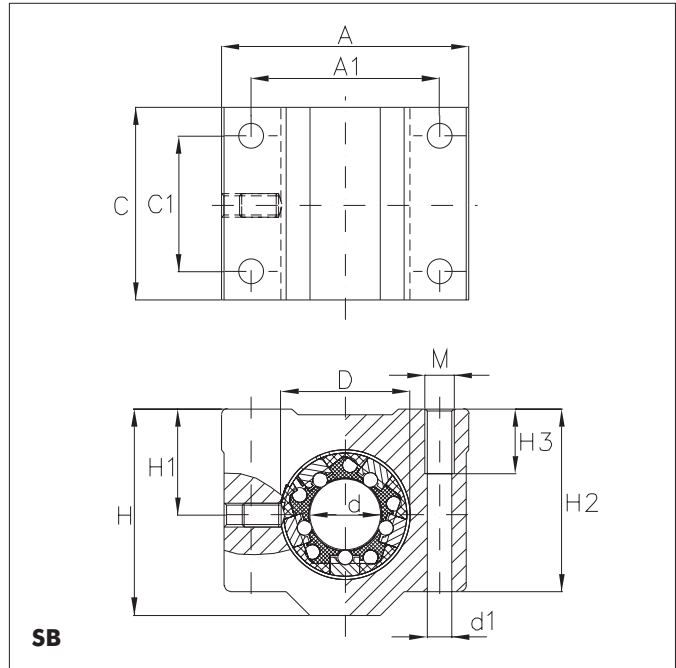
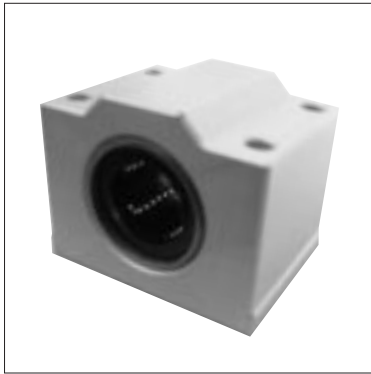
- Mounting bolts according to DIN 912 - 8.8.
- Housing without bearings.
- To fix the ball bushing use rings according to DIN 7980.



S20..
 Open type with two fixing holes,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm							
			A	C	H	A1	C1	H1	H2	M	d1	W	θ
S20 12	12	22	52	20	30	42	10	20	13	M6	5,5	7,5	78°
S20 16	16	26	56	22	32	46	11	20	13	M6	5,5	10	78°
S20 20	20	32	70	28	41	58	14	25	18	M8	6,6	10	60°
S20 25	25	40	80	40	50	68	20	30	18	M8	6,6	12,5	60°
S20 30	30	47	88	48	60	76	24	35	18	M8	6,6	12,5	50°
S20 40	40	62	108	56	74	94	28	45	22	M10	8,4	16,8	50°
S20 50	50	75	135	72	87	116	36	50	27	M12	10,5	21	50°
S20 60	60	90	165	95	106	140	47,5	60	35	M16	13,5	27,2	54°

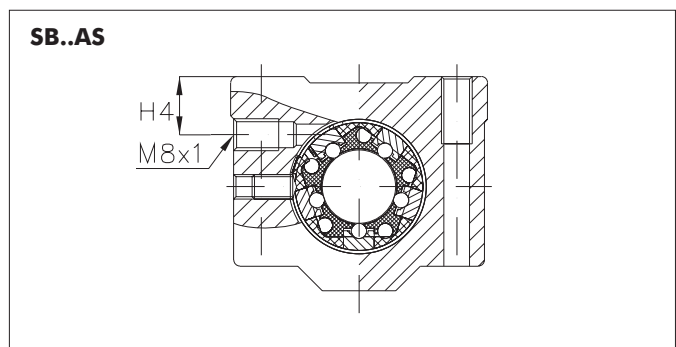
- Mounting bolts according to DIN 912 - 8.8.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.

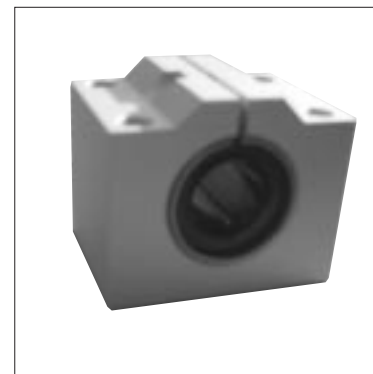
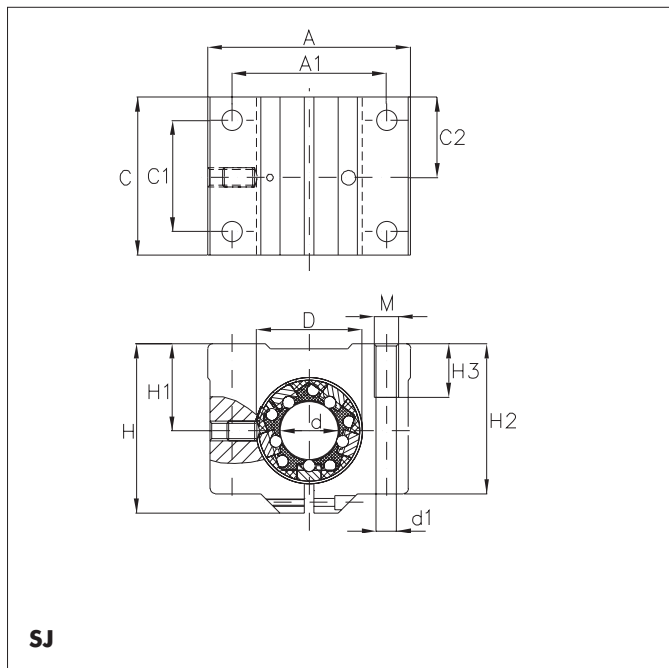


SB..
 Closed type with four fixing holes,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm							
			A	C	H	A1	C1	H1	H2	H3	M	d1	H4
SB 12	12	22	43	32	35	32	23	18	31	11	M5	4,3	8
SB 16	16	26	53	36	42	40	26	22	37	13	M6	5,3	12
SB 20	20	32	60	45	50	45	32	25	44	18	M8	6,6	13
SB 25	25	40	78	58	60	60	40	30	52,5	22	M10	8,4	15
SB 30	30	47	87	68	70	68	45	35	62,5	22	M10	8,4	16
SB 40	40	62	108	80	90	86	58	45	80	26	M12	10,5	20
SB 50	50	75	132	100	101	108	50	50	88	34	M16	13,5	22
SB 60	60	90	160	125	120	132	65	60	105	38	M16	13,5	25

- Mounting bolts according to DIN 912 - 8.8.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix - **AS**.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.
- Grease nipple according to DIN 71412.

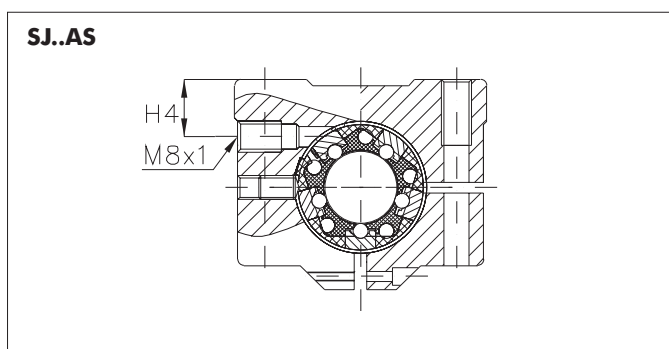


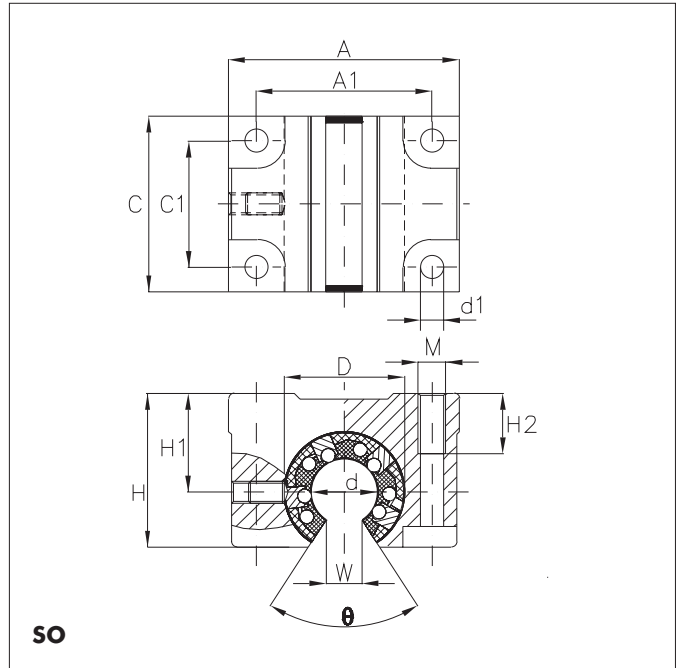


SJ..
Adjustable type with four fixing holes,
for precision series type **KB..**
and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm								
			A	C	H	A1 $\pm 0,15$	C1 $\pm 0,10$	H1 $+0,008$ $-0,016$	H2	H3	C2	M	d1	H4
SJ 12	12	22	43	32	35	32	23	18	31	11	16	M5	4,3	8
SJ 16	16	26	53	36	42	40	26	22	37	13	18	M6	5,3	12
SJ 20	20	32	60	45	50	45	32	25	44	18	22,5	M8	6,6	13
SJ 25	25	40	78	58	60	60	40	30	52,5	22	29	M10	8,4	15
SJ 30	30	47	87	68	70	68	45	35	62,5	22	34	M10	8,4	16
SJ 40	40	62	108	80	90	86	58	45	80	26	40	M12	10,5	20
SJ 50	50	75	132	100	101	108	50	50	88	34	50	M16	13,5	22
SJ 60	60	90	160	125	120	132	65	60	105	38	62,5	M16	13,5	25

- Mounting bolts according to DIN 912 - 8.8.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix **- AS**.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.
- Grease nipple according to DIN 71412.

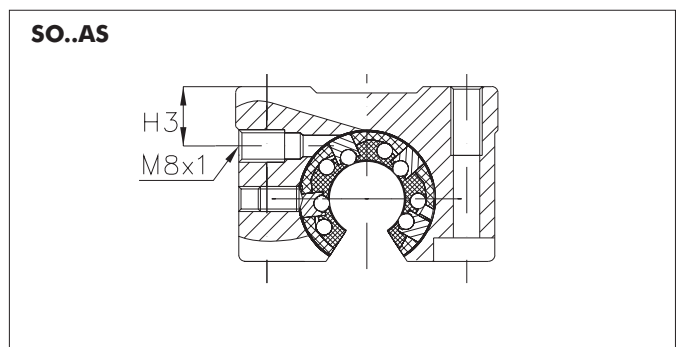


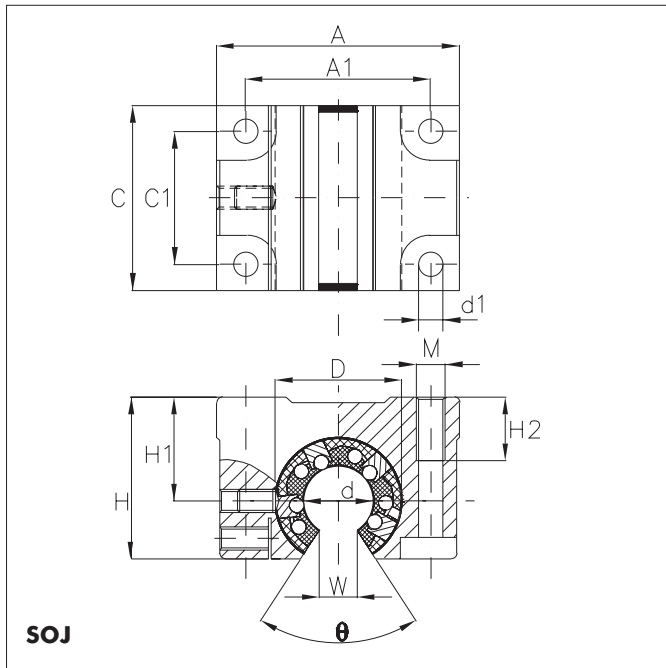


SO..
 Open type with four fixing holes,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm								
			A	C	H	A1 ±0,15	C1 ±0,10	H1 +0,008 -0,016	H2	M	d1	W	θ	H3
SO 12	12	22	43	32	28	32	23	18	11	M5	4,3	7,5	78°	8
SO 16	16	26	53	36	35	40	26	22	13	M6	5,3	10	78°	12
SO 20	20	32	60	45	42	45	32	25	18	M8	6,6	10	60°	13
SO 25	25	40	78	58	51	60	40	30	22	M10	8,4	12,5	60°	15
SO 30	30	47	87	68	60	68	45	35	22	M10	8,4	12,5	50°	16
SO 40	40	62	108	80	77	86	58	45	26	M12	10,5	16,8	50°	20
SO 50	50	75	132	100	88	108	50	50	34	M16	13,5	21	50°	22
SO 60	60	90	160	125	105	132	65	60	38	M16	13,5	27,2	54°	25

- Mounting bolts according to DIN 912 - 8.8.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix **- AS**.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.
- Grease nipple according to DIN 71412.

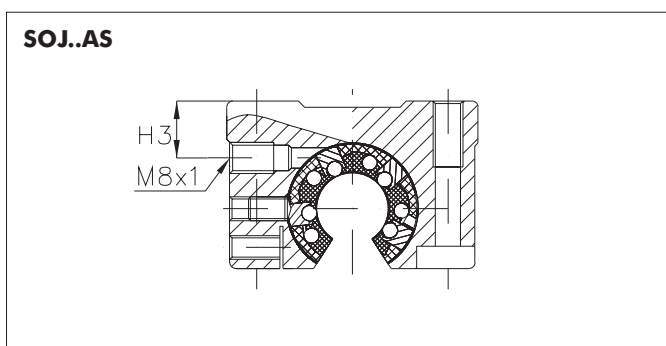


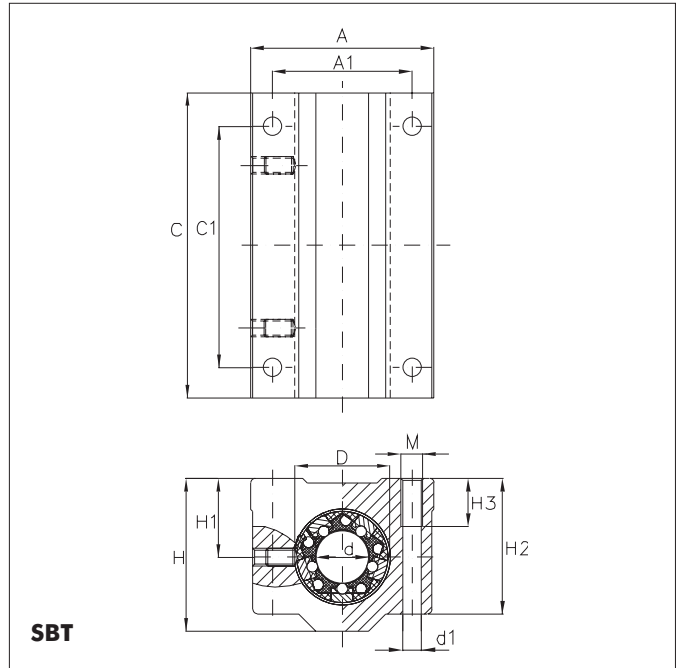


SOJ..
 Open & adjustable type with four fixing holes,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm								
			A	C	H	A1	C1	H1	H2	M	d1	W	θ	H3
SOJ 12	12	22	43	32	28	32	23	18	11	M5	4,3	7,5	78°	8
SOJ 16	16	26	53	36	35	40	26	22	13	M6	5,3	10	78°	12
SOJ 20	20	32	60	45	42	45	32	25	18	M8	6,6	10	60°	13
SOJ 25	25	40	78	58	51	60	40	30	22	M10	8,4	12,5	60°	15
SOJ 30	30	47	87	68	60	68	45	35	22	M10	8,4	12,5	50°	16
SOJ 40	40	62	108	80	77	86	58	45	26	M12	10,5	16,8	50°	20
SOJ 50	50	75	132	100	88	108	50	50	34	M16	13,5	21	50°	22
SOJ 60	60	90	160	125	105	132	65	60	38	M16	13,5	27,2	54°	25

- Mounting bolts according to DIN 912 - 8.8.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix **- AS**.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.
- Grease nipple according to DIN 71412.

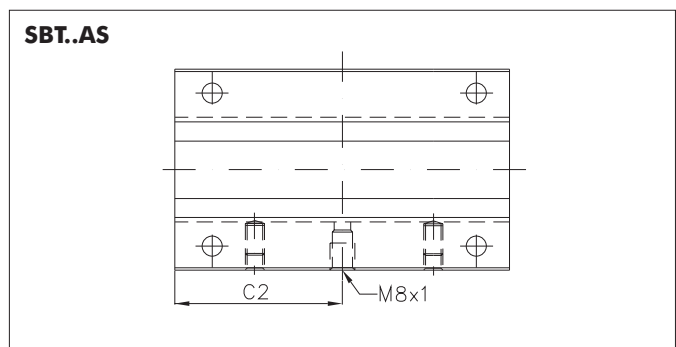


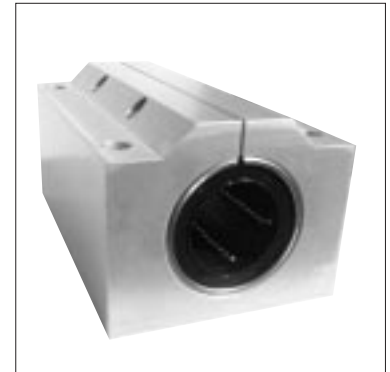
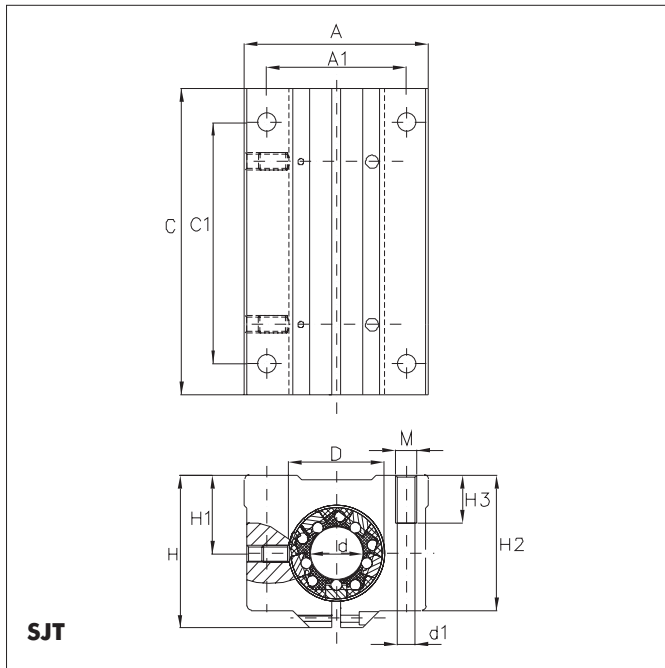


SBT..
 Closed type, tandem version
 for precision series type **KB..**
 and Self-aligning series type **TK...**

Type	d	D	Dimensions mm			Mounting dimensions mm							
			A	C	H	A1 ±0,15	C1 ±0,15	H1 +0,008 -0,016	H2	H3	M	d1	C2
SBT 12	12	22	43	70	35	32	56	18	31	11	M5	4,3	35
SBT 16	16	26	53	78	42	40	64	22	37	13	M6	5,3	39
SBT 20	20	32	60	96	50	45	76	25	44	18	M8	6,6	48
SBT 25	25	40	78	122	60	60	94	30	52,5	22	M10	8,4	61
SBT 30	30	47	87	142	70	68	106	35	62,5	22	M10	8,4	71
SBT 40	40	62	108	166	90	86	124	45	80	26	M12	10,5	83
SBT 50	50	75	132	212	101	108	160	50	88	34	M16	13,5	106
SBT 60	60	90	160	260	120	132	200	60	105	38	M16	13,5	130

- Mounting bolts according to DIN 912 - 8.8.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix - **AS**.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.
- Grease nipple according to DIN 71412.

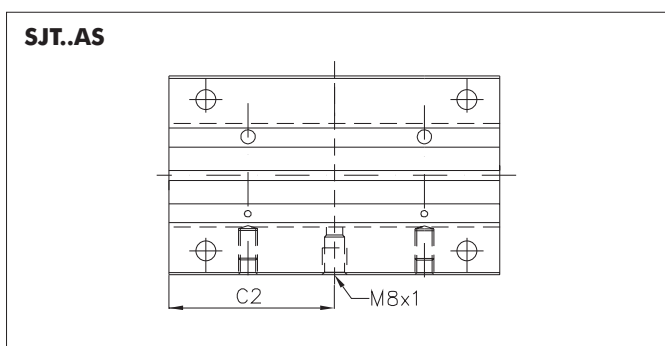


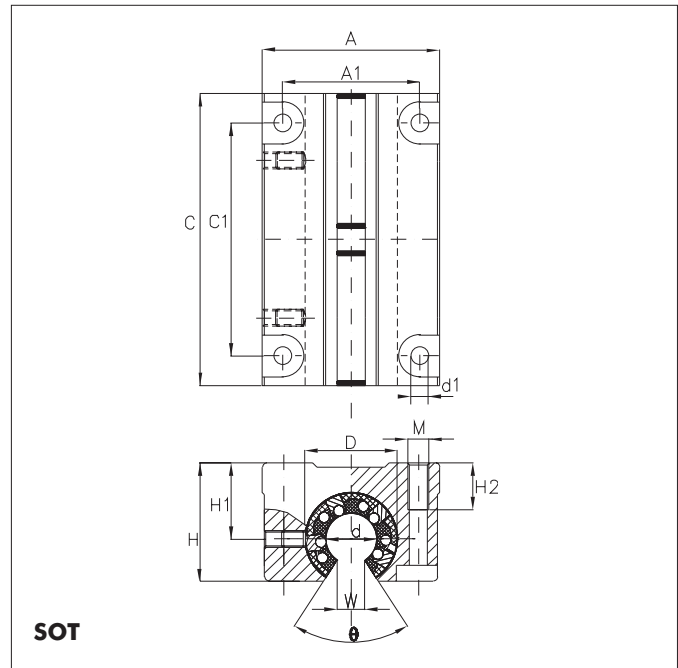


SJT..
Adjustable type, tandem version
for precision series type **KB..**
and Self-aligning series type **TK..**

Sigla	d	D	Dimensions mm			Mounting dimensions mm							
			A	C	H	A1	C1	H1	H2	H3	M	d1	C2
SJT 12	12	22	43	70	35	32	56	18	31	11	M5	4,3	35
SJT 16	16	26	53	78	42	40	64	22	37	13	M6	5,3	39
SJT 20	20	32	60	96	50	45	76	25	44	18	M8	6,6	48
SJT 25	25	40	78	122	60	60	94	30	21,5	22	M10	8,4	61
SJT 30	30	47	87	142	70	68	106	35	62,5	22	M10	8,4	71
SJT 40	40	62	108	166	90	86	124	45	80	26	M12	10,5	83
SJT 50	50	75	132	212	101	108	160	50	88	34	M16	13,5	106
SJT 60	60	90	160	260	120	132	200	60	105	38	M16	13,5	130

- Mounting bolts according to DIN 912 - 8.8.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix - **AS**.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.
- Grease nipple according to DIN 71412.

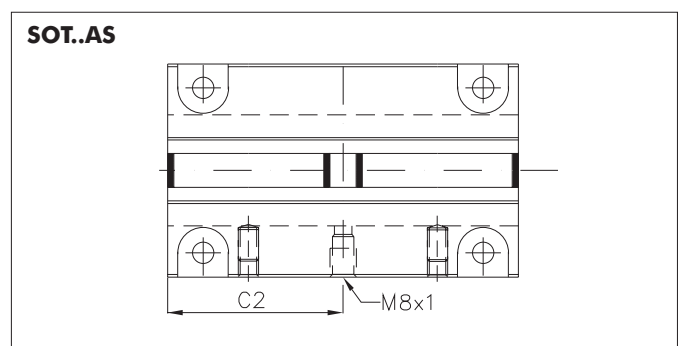


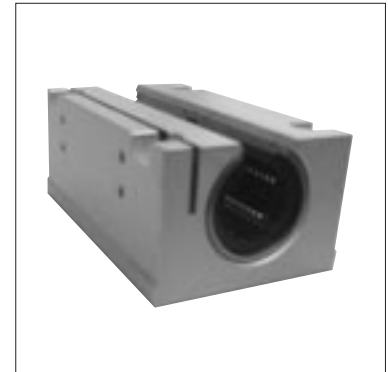
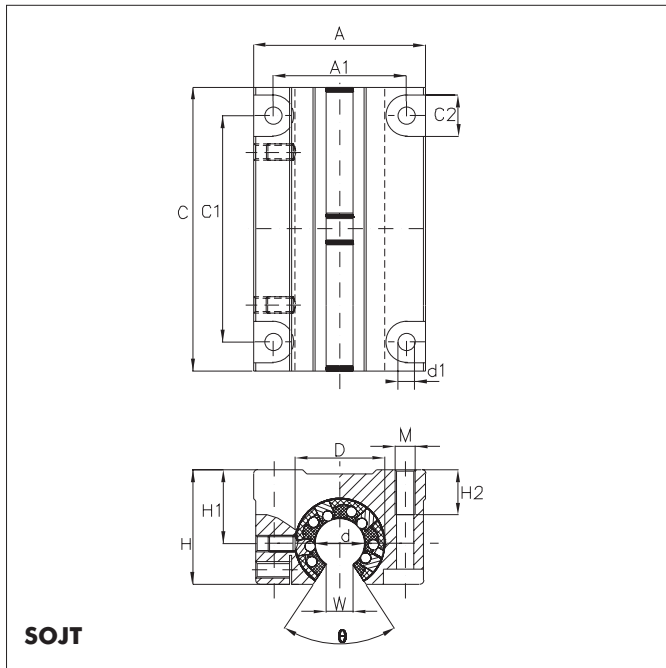


SOT..
 Open type, tandem version
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm								
			A	C	H	A1 ±0,15	C1 ±0,10	H1 +0,008 -0,016	H2	M	d1	W	θ	C2
SOT 12	12	22	43	70	28	32	56	18	11	M5	4,3	7,5	78°	35
SOT 16	16	26	53	78	35	40	64	22	13	M6	5,3	10	78°	39
SOT 20	20	32	60	96	42	45	76	25	18	M8	6,6	10	60°	48
SOT 25	25	40	78	122	51	60	94	30	22	M10	8,4	12,5	60°	61
SOT 30	30	47	87	142	60	68	106	35	22	M10	8,4	12,5	50°	71
SOT 40	40	62	108	166	77	86	124	45	26	M12	10,5	16,8	50°	83
SOT 50	50	75	132	212	88	108	160	50	34	M16	13,5	21	50°	106
SOT 60	60	90	160	260	105	132	200	60	38	M16	13,5	27,2	54°	130

- Mounting bolts according to DIN 912 - 8.8.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix **- AS**.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.
- Grease nipple according to DIN 71412.

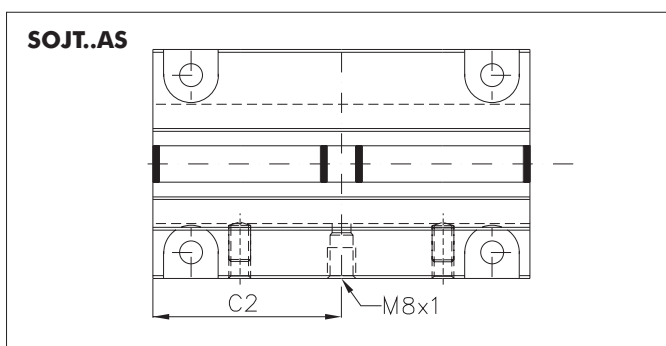


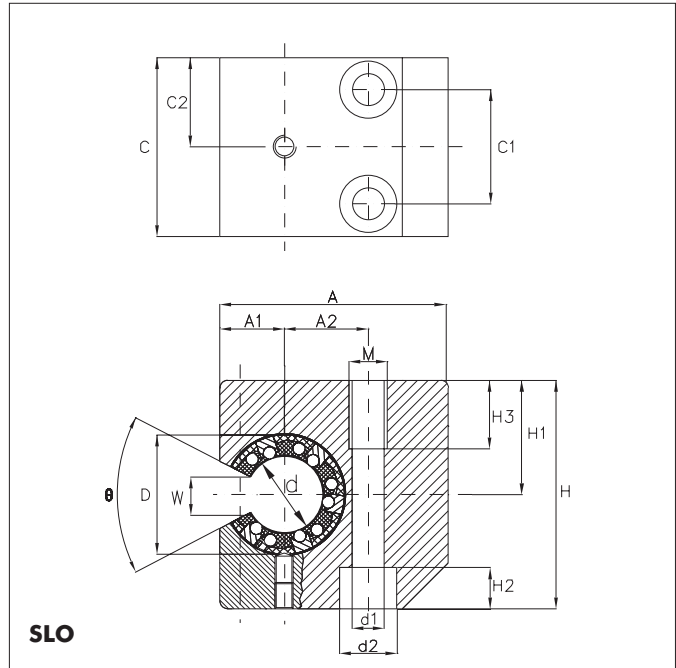


SOJT..
 Open & adjustable type, tandem version,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm								
			A	C	H	A1 ±0,15	C1 ±0,10	H1 +0,008 -0,016	H2	M	d1	W	θ	C2
SOJT 12	12	22	43	70	28	32	56	18	11	M5	4,3	7,5	78°	35
SOJT 16	16	26	53	78	35	40	64	22	13	M6	5,3	10	78°	39
SOJT 20	20	32	60	96	42	45	76	25	18	M8	6,6	10	60°	48
SOJT 25	25	40	78	122	51	60	94	30	22	M10	8,4	12,5	60°	61
SOJT 30	30	47	87	142	60	68	106	35	22	M10	8,4	12,5	50°	71
SOJT 40	40	62	108	166	77	86	124	45	26	M12	10,5	16,8	50°	83
SOJT 50	50	75	132	212	88	108	160	50	34	M16	13,5	21	50°	106
SOJT 60	60	90	160	260	105	132	200	60	38	M16	13,5	27,2	54°	130

- Mounting bolts according to DIN 912 - 8.8.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix **- AS**.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.
- Grease nipple according to DIN 71412.

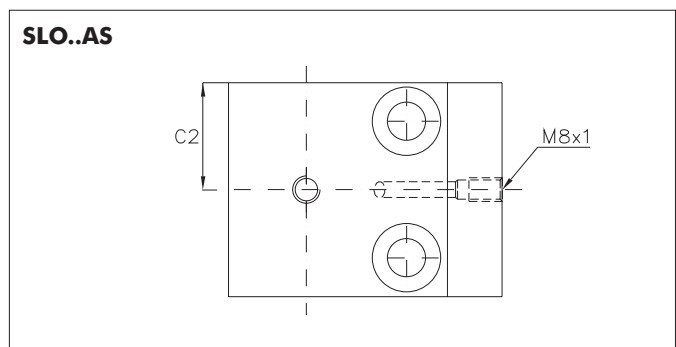


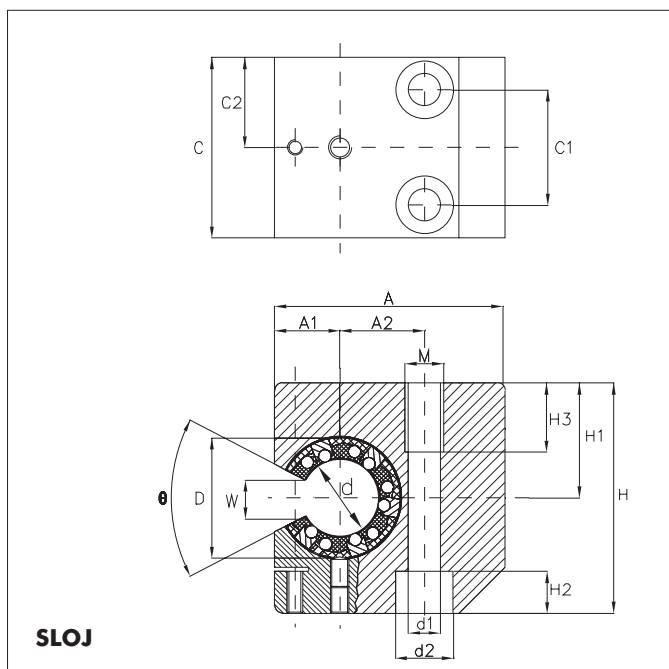


SLO..
Open type, lateral fixing,
for precision series type **KB..**
and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm											
			A	C	H	A1	A2	C1	C2	H1	H2	H3	M	d1	d2	W	θ
SLO 20	20	32	60	47	60	17	22	30	23,5	30	18	20	M10	8,4	15	10	60°
SLO 25	25	40	75	58	72	21	28	36	29	35	22	22	M12	10,5	18	12,5	60°
SLO 30	30	47	86	68	82	25	34	42	34	40	26	26	M16	13,5	20	12,5	50°
SLO 40	40	62	110	80	100	32	43	48	40	45	30	30	M20	17,5	24	16,8	50°
SLO 50	50	75	127	100	115	38	50	62	50	50	30	40	M20	17,5	24	21	50°
SLO 60	60	90	150	125	130	45	60	80	62,5	60	35	50	M20	17,5	24	27,2	54°

- Mounting bolts according to DIN 912 - 8.8.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix **- AS**.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.
- Grease nipple according to DIN 71412.

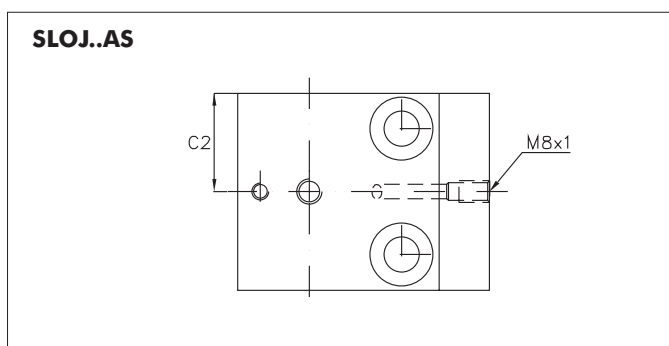


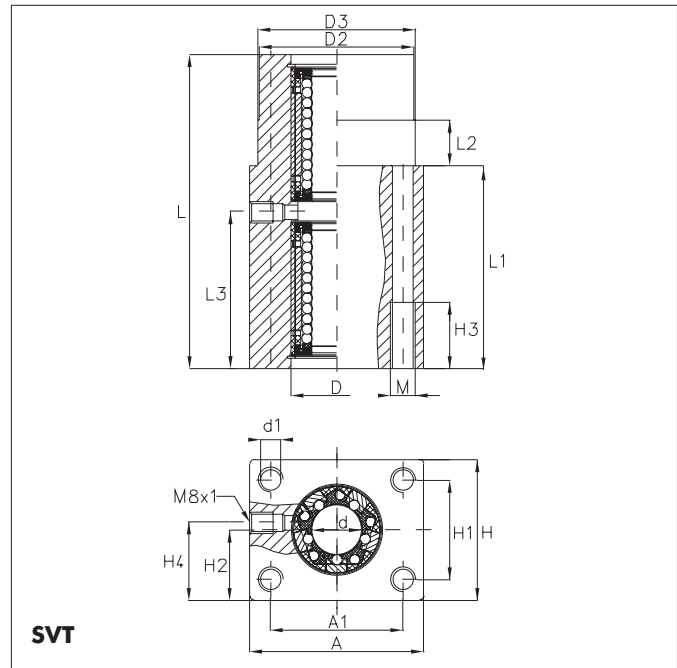


SLOJ..
 Open & adjustable type, lateral fixing,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm											
			A	C	H	A1	A2	C1	C2	H1	H2	H3	M	d1	d2	W	θ
SLOJ 20	20	32	60	47	60	17	22	30	23,5	30	18	20	M10	8,4	15	10	60°
SLOJ 25	25	40	75	58	72	21	28	36	29	35	22	22	M12	10,5	18	12,5	60°
SLOJ 30	30	47	86	68	82	25	34	42	34	40	26	26	M16	13,5	20	12,5	50°
SLOJ 40	40	62	110	80	100	32	43	48	40	45	30	30	M20	17,5	24	16,8	50°
SLOJ 50	50	75	127	100	115	38	50	62	50	50	30	40	M20	17,5	24	21	50°
SLOJ 60	60	90	150	125	130	45	60	80	62,5	60	35	50	M20	17,5	24	27,2	54°

- Mounting bolts according to DIN 912 - 8.8.
- The standard unit is not suitable for re-lubrication.
- To order the unit for re-lubrication, add the suffix **- AS**.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.
- Grease nipple according to DIN 71412.

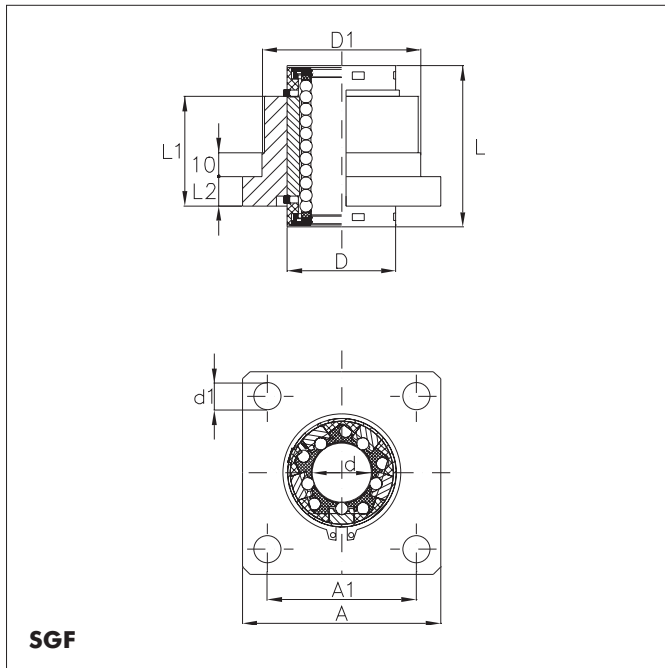




SVT.
 Closed type, tandem version, vertical installation,,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm											
			A	H	L	A1	H1	H2	L1	L2	D2	D3	H3	M	d1	L3	H4
SVT 12	12	22	42	34	76	32 _{±0,25}	24 _{±0,25}	17	46	10	30	30	13	M6	5,3	36	19
SVT 16	16	26	50	40	84	38	28	20	50	10	35	35	18	M8	6,6	40	22
SVT 20	20	32	60	50	104	45	35	25	60	10	42	42	22	M10	8,4	50	27
SVT 25	25	40	74	60	130	56	42	30	73	10	52	52	26	M12	10,5	63	32
SVT 30	30	47	84	70	152	64	50	35	82	10	61	61	34	M16	13,5	74	37

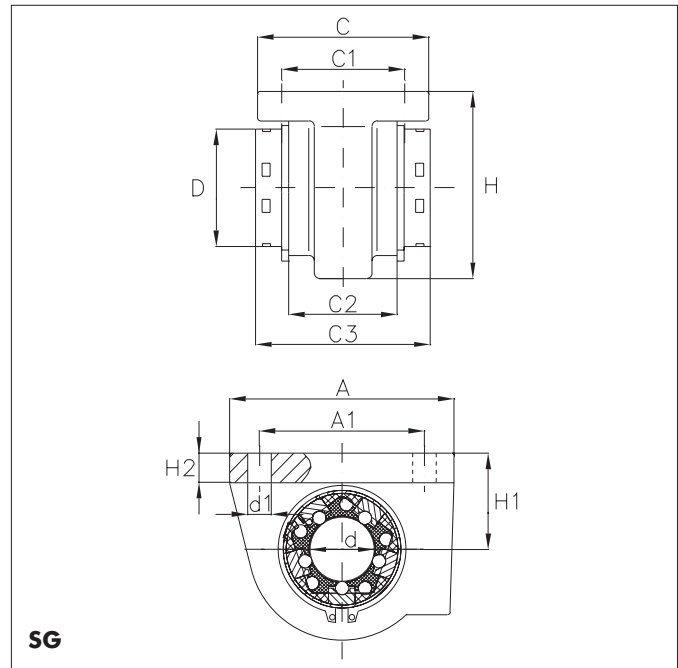
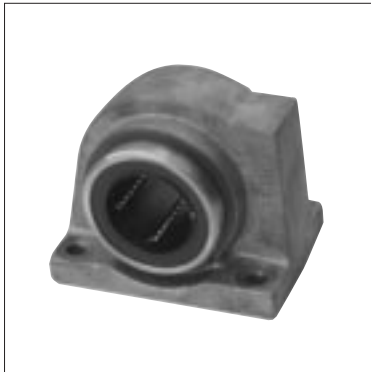
- Mounting bolts according to DIN 912 - 8.8.
- Housing without bearings.
- Grease nipple according to DIN 71412.



SGF.
 Square flange design, closed type
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm		Mounting dimensions mm				
			A	L	A1 <small>±0,25</small>	L1	D1 <small>g7</small>	L2	d1
SGF 12	12	22	40	32	30	22	32	6	5,5
SGF 16	16	26	50	36	35	24	38	8	5,5
SGF 20	20	32	60	45	42	30	46	10	6,6
SGF 25	25	40	70	58	54	42	58	12	6,6
SGF 30	30	47	80	68	60	50	66	14	9
SGF 40	40	62	100	80	78	59	90	16	11

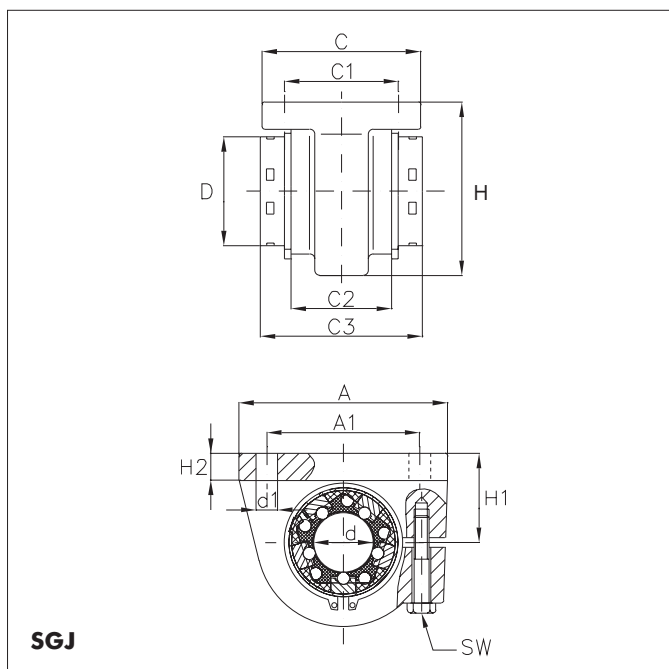
- Mounting bolts according to DIN 912 - 8.8.
- Housing without bearings.
- To fix the ball bushing use rings according to DIN 7980.



SG..
 Closed type with four fixing holes,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	dimensions mm			Mounting dimensions mm						
			A	C	H	A1	C1	C2	C3	H1	H2	d1
SG 12	12	22	42	32	35	32 ^{±0,15}	23 ^{±0,15}	20	32	18	5,5	4,3
SG 16	16	26	50	35	42	40 ^{±0,15}	26 ^{±0,15}	22	36	22	6,5	4,3
SG 20	20	32	60	42	50	45 ^{±0,15}	32 ^{±0,15}	28	45	25	8	4,3
SG 25	25	40	74	54	60	60 ^{±0,20}	40 ^{±0,20}	40	58	30	9	5,3
SG 30	30	47	84	60	70	68 ^{±0,20}	45 ^{±0,20}	48	68	35	10	6,4
SG 40	40	62	108	78	90	86 ^{±0,20}	58 ^{±0,20}	56	80	45	12	8,4
SG 50	50	75	130	70	105	108 ^{±0,20}	50 ^{±0,20}	72	100	50	14	8,4
SG 60	60	90	160	92	125	132 ^{±0,20}	65 ^{±0,20}	95	125	60	15	11
SG 80	80	120	200	122	170	170 ^{±0,20}	90 ^{±0,20}	125	165	80	22	13

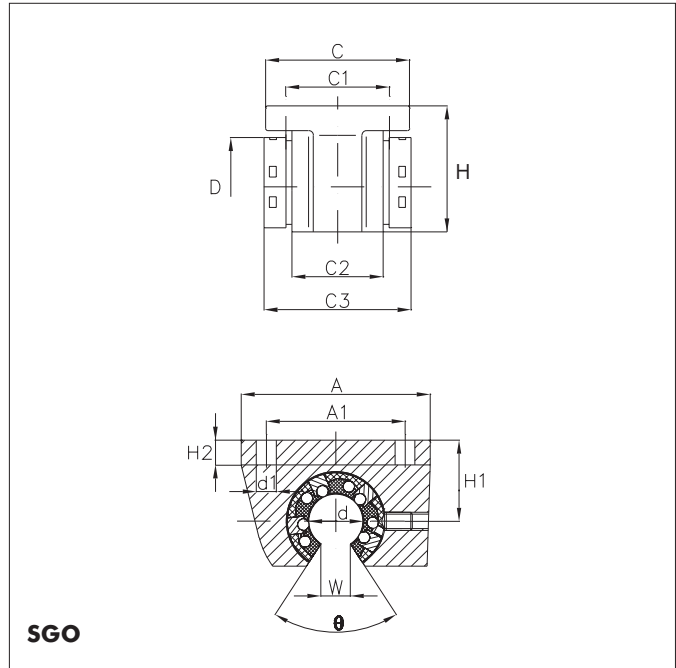
- Mounting bolts according to DIN 912 - 8.8.
- Housing without bearings.
- To fix the ball bushing use rings according to DIN 7980.



SGJ..
Adjustable type with four fixing holes,
for precision series type **KB..**
and Self-aligning series type **TK..**

Type	Dimensions mm					Mounting dimensions mm							
	d	D	A	C	H	A1	C1	C2	C3	H1	H2	d1	SW
SGJ 12	12	22	42	32	35	32 ^{±0,15}	23 ^{±0,15}	20	32	18	5,5	4,3	7
SGJ 16	16	26	50	35	42	40 ^{±0,15}	26 ^{±0,15}	22	36	22	6,5	4,3	7
SGJ 20	20	32	60	42	50	45 ^{±0,15}	32 ^{±0,15}	28	45	25	8	4,3	7
SGJ 25	25	40	74	54	60	60 ^{±0,20}	40 ^{±0,20}	40	58	30	9	5,3	8
SGJ 30	30	47	84	60	70	68 ^{±0,20}	45 ^{±0,20}	48	68	35	10	6,4	10
SGJ 40	40	62	108	78	90	86 ^{±0,20}	58 ^{±0,20}	56	80	45	12	8,4	10
SGJ 50	50	75	130	70	105	108 ^{±0,20}	50 ^{±0,20}	72	100	50	14	8,4	13
SGJ 60	60	90	160	92	125	132 ^{±0,20}	65 ^{±0,20}	95	125	60	15	11	17
SGJ 80	80	120	200	122	170	170 ^{±0,20}	90 ^{±0,20}	125	165	80	22	13	19

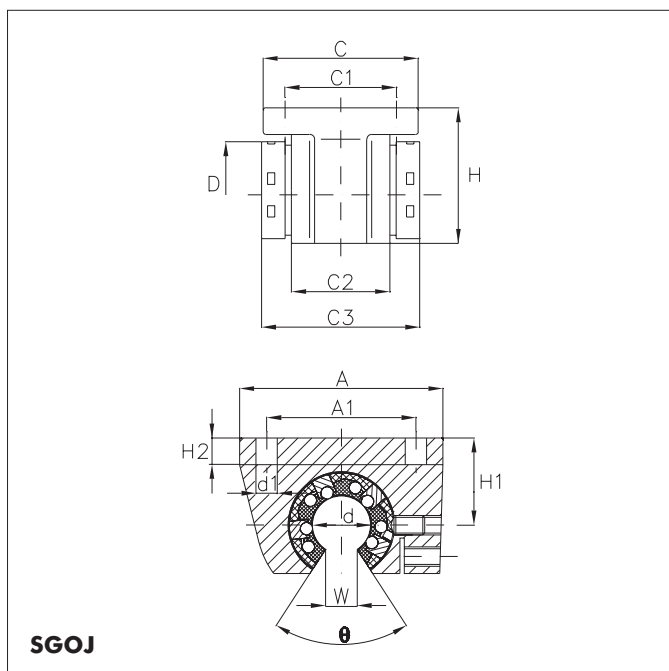
- Mounting bolts according to DIN 912 - 8.8.
- Housing without bearings.
- To fix the ball bushing use rings according to DIN 7980.



SGO..
 Open type with four fixing holes,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	d	D	Dimensions mm			Mounting dimensions mm								
			A	C	H	A1	C1	C2	C3	H1	H2	d1	W	θ
SGO 12	12	22	42	32	28	32 ^{±0,15}	23 ^{±0,15}	20	32	18	5,5	4,3	7,5	78°
SGO 16	16	26	50	35	35	40 ^{±0,15}	26 ^{±0,15}	22	36	22	6,5	4,3	10	78°
SGO 20	20	32	60	42	42	45 ^{±0,15}	32 ^{±0,15}	28	45	25	8	4,3	10	60°
SGO 25	25	40	74	54	51	60 ^{±0,20}	40 ^{±0,20}	40	58	30	9	5,3	12,5	60°
SGO 30	30	47	84	60	60	68 ^{±0,20}	45 ^{±0,20}	48	68	35	10	6,4	12,5	50°
SGO 40	40	62	108	78	77	86 ^{±0,20}	58 ^{±0,20}	56	80	45	12	8,4	16,8	50°
SGO 50	50	75	130	70	88	108 ^{±0,20}	50 ^{±0,20}	72	100	50	14	8,4	21	50°
SGO 60	60	90	160	92	105	132 ^{±0,20}	65 ^{±0,20}	95	125	60	15	11	27,2	54°
SGO 80	80	120	200	122	140	170 ^{±0,20}	90 ^{±0,20}	125	165	80	22	13	36,3	54°

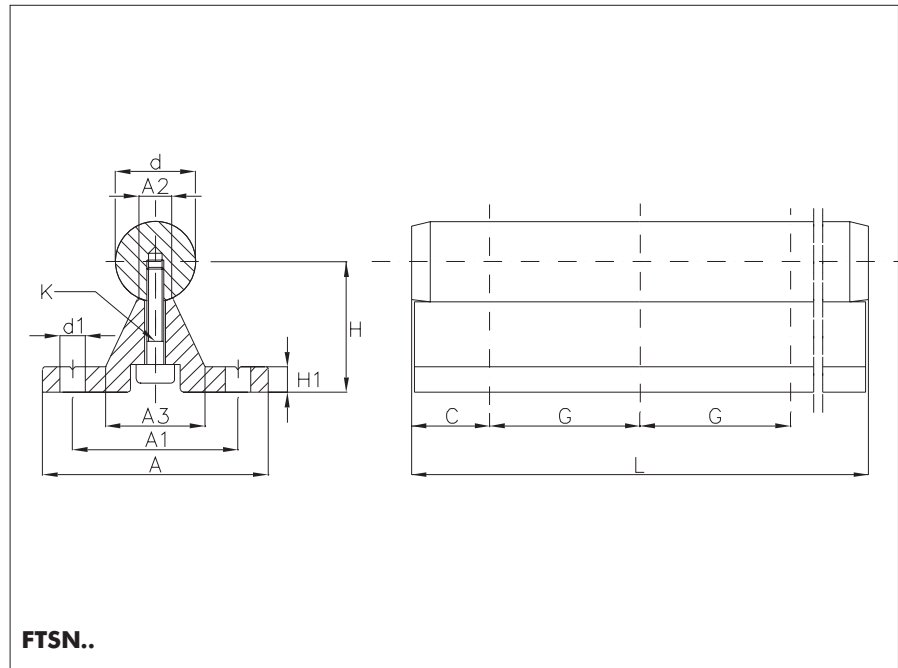
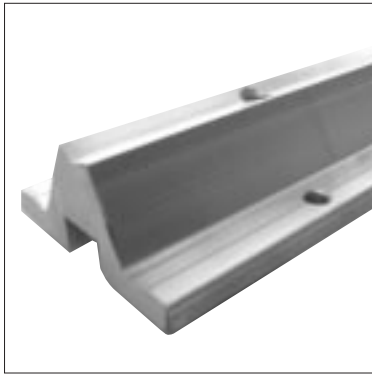
- Mounting bolts according to DIN 912 - 8.8.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.



SGOJ..
 Open & adjustable type with four fixing holes,
 for precision series type **KB..**
 and Self-aligning series type **TK..**

Type	Dimensions mm		Mounting dimensions mm											
	d	D	A	C	H	A1	C1	C2	C3	H1	H2	d1	W	θ
SGOJ 12	12	22	42	32	28	32 ^{±0,15}	23 ^{±0,15}	20	32	18	5,5	4,3	7,5	78°
SGOJ 16	16	26	50	35	35	40 ^{±0,15}	26 ^{±0,15}	22	36	22	6,5	4,3	10	78°
SGOJ 20	20	32	60	42	42	45 ^{±0,15}	32 ^{±0,15}	28	45	25	8	4,3	10	60°
SGOJ 25	25	40	74	54	51	60 ^{±0,20}	40 ^{±0,20}	40	58	30	9	5,3	12,5	60°
SGOJ 30	30	47	84	60	60	68 ^{±0,20}	45 ^{±0,20}	48	68	35	10	6,4	12,5	50°
SGOJ 40	40	62	108	78	77	86 ^{±0,20}	58 ^{±0,20}	56	80	45	12	8,4	16,8	50°
SGOJ 50	50	75	130	70	88	108 ^{±0,20}	50 ^{±0,20}	72	100	50	14	8,4	21	50°
SGOJ 60	60	90	160	92	105	132 ^{±0,20}	65 ^{±0,20}	95	125	60	15	11	27,2	54°
SGOJ 80	80	120	200	122	140	170 ^{±0,20}	90 ^{±0,20}	125	165	80	22	13	36,3	54°

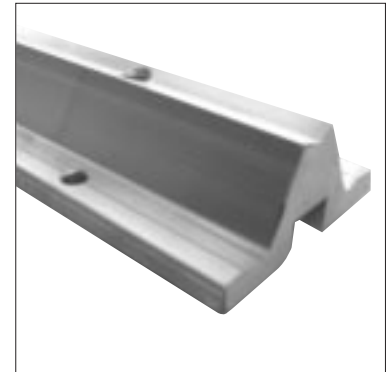
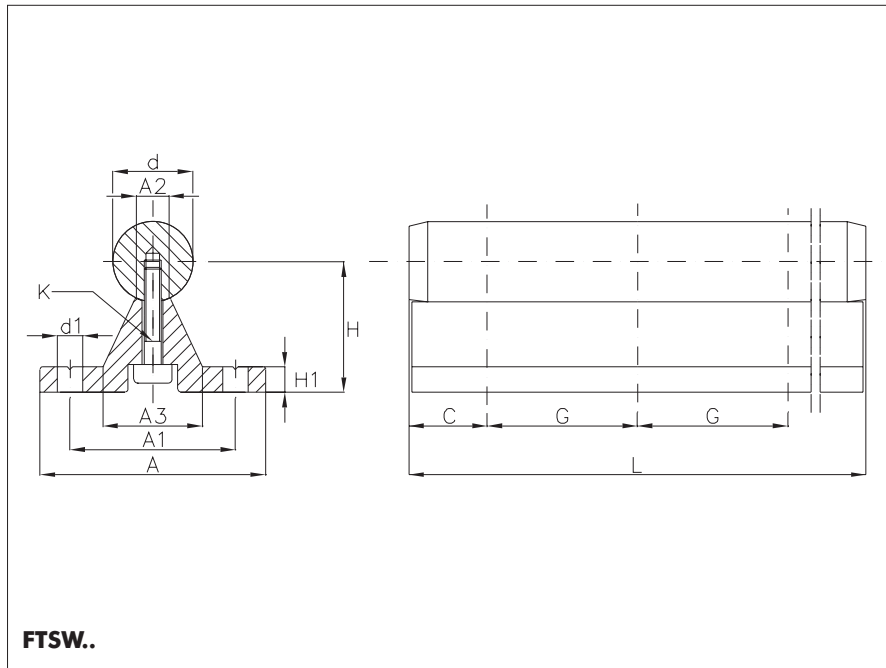
- Mounting bolts according to DIN 912 - 8.8.
- Housing without bearings.
- Ball Bushing fixing screw according to DIN 914.



FTSN..G
FTSN..G2
FTSN..(Without mounting holes)
 Shaft support rails in aluminum,
 with or without mounting holes.

Type	d	Dimensions mm		Mounting dimensions mm							
		A	H <small>±0,2</small>	A2	A3	H1	A1	d1	C	G	K
FTSN 12 G	12	40	22	5,4	15	5	29	4,5	37,5	75	M4x20
FTSN 12 G2	12	40	22	5,4	15	5	29	4,5	60	120	M4x20
FTSN 12	12	40	22	5,4	15	5					M4x20
FTSN 16 G	16	45	26	7	19	5	33	5,5	50	100	M5x20
FTSN 16 G2	16	45	26	7	19	5	33	5,5	75	150	M5x20
FTSN 16	16	45	26	7	19	5					M5x20
FTSN 20 G	20	52	32	8,1	23	6	37	6,6	50	100	M6x25
FTSN 20 G2	20	52	32	8,1	23	6	37	6,6	75	150	M6x25
FTSN 20	20	52	32	8,1	23	6					M6x25
FTSN 25 G	25	57	36	10,3	26	6	42	6,6	60	120	M8x30
FTSN 25 G2	25	57	36	10,3	26	6	42	6,6	100	200	M8x30
FTSN 25	25	57	36	10,3	26	6					M8x30
FTSN 30 G	30	69	42	11	29	7	51	9	75	150	M10x35
FTSN 30 G2	30	69	42	11	29	7	51	9	100	200	M10x35
FTSN 30	30	69	42	11	29	7					M10x35
FTSN 40 G	40	73	50	15	36	8	55	9	100	200	M10x40
FTSN 40 G2	40	73	50	15	36	8	55	9	150	300	M10x40
FTSN 40	40	73	50	15	36	8					M10x40
FTSN 50 G	50	84	60	19	40	9	63	11	100	200	M12x45
FTSN 50 G2	50	84	60	19	40	9	63	11	150	300	M12x45
FTSN 50	50	84	60	19	40	9					M12x45

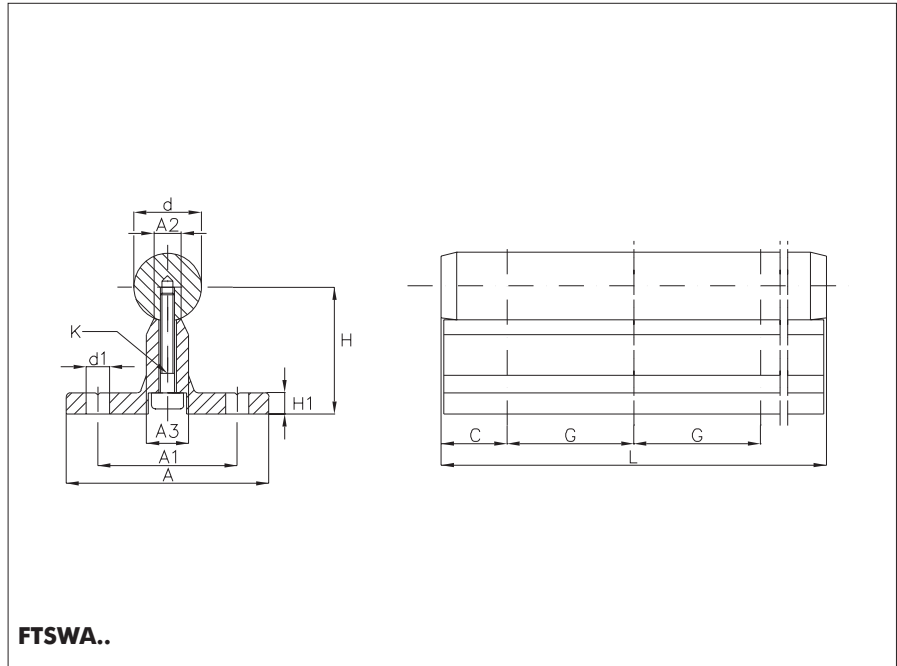
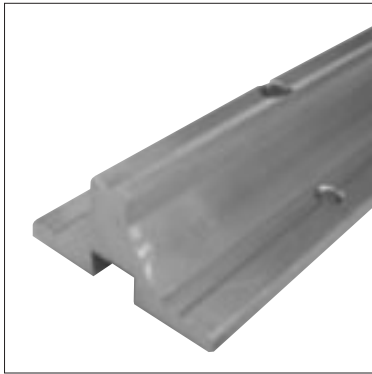
- Standard section length **L= 600 mm**.
- Support rails can be supplied, upon request, with or without mounting holes and in length different than standard ($L_{max} = 6000$ mm).
- Mounting bolts according to DIN 912 - 8.8.
- Shaft support rails without shafts.



FTSW..G
FTSW..(Without mounting holes)
 Shaft support rails in aluminum,
 with or without mounting holes.

Type	d	Dimensions mm		Mounting dimensions mm							
		A	H ±0,2	A2	A3	H1	A1	d1	C	G	K
FTSW 12 G	12	40	22	6	19,5	5	29	4,5	60	120	M4x20
FTSW 12	12	40	22	6	19,5	5					M4x20
FTSW 16 G	16	54	32	7,5	24,2	6	41	5,5	75	150	M5x25
FTSW 16	16	54	32	7,5	24,2	6					M5x25
FTSW 20 G	20	54	34,02	7,5	24,2	6	41	5,5	75	150	M5x30
FTSW 20	20	54	34,02	7,5	24,2	6					M5x30
FTSW 25 G	25	65	39,66	10	29,8	6	51	6,6	75	150	M6x35
FTSW 25	25	65	39,66	10	29,8	6					M6x35
FTSW 30 G	30	65	42,19	10	29,8	6	51	6,6	75	150	M6x35
FTSW 30	30	65	42,19	10	29,8	6					M6x35
FTSW 40 G	40	85	60	17	46	10	65	9	75	150	M10x50
FTSW 40	40	85	60	17	46	10					M10x50
FTSW 50 G	50	85	65,05	17	46	10	65	9	75	150	M10x50
FTSW 50	50	85	65,05	17	46	10					M10x50

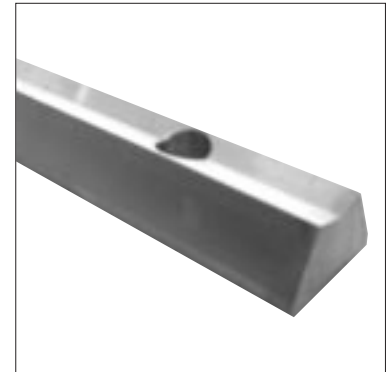
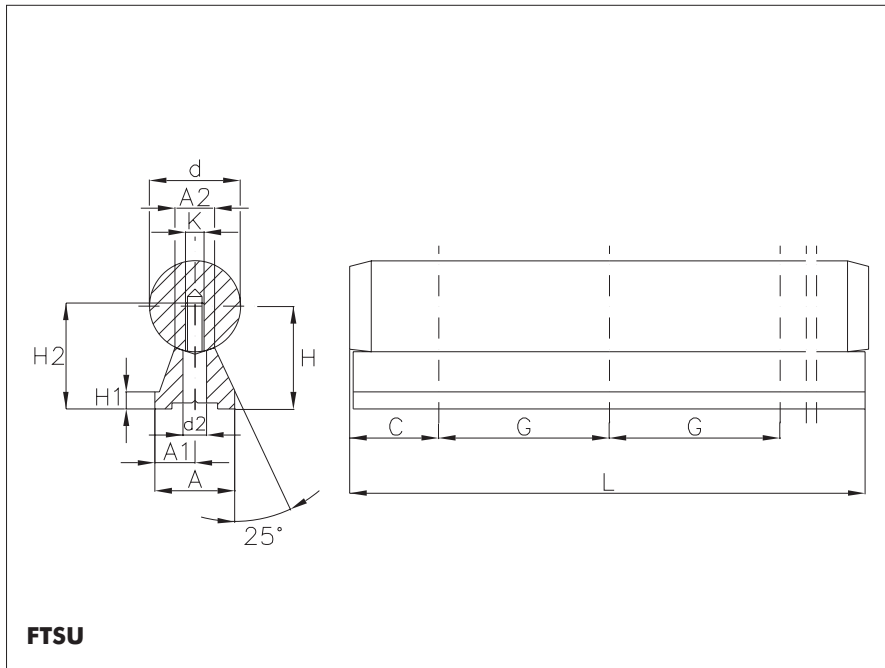
- Standard section length **L= 600 mm**.
- Support rails can be supplied, upon request, with or without mounting holes and in length different than standard ($L_{max} = 6000$ mm).
- Mounting bolts according to DIN 912 - 8.8.
- Shaft support rails without shafts.



FTSWA..G
FTSWA..G2
FTSWA..(Without mounting holes)
 Shaft support rails in aluminum,
 with or without mounting holes.

Type	d	Dimensions mm		Mounting dimensions mm							
		A	H <small>±0,2</small>	A1	A2	A3	H1	d1	C	G	K
FTSWA 12 G	12	43	28	29	5,4	9	5	4,5	37,5	75	M4x18
FTSWA 12 G2	12	43	28	29	5,4	9	5	4,5	60	120	M4x18
FTSWA 12	12	43	28		5,4	9	5				M4x18
FTSWA 16 G	16	48	30	33	7	10	5	5,5	50	100	M5x25
FTSWA 16 G2	16	48	30	33	7	10	5	5,5	75	150	M5x25
FTSWA 16	16	48	30		7	10	5				M5x25
FTSWA 20 G	20	56	38	37	8,1	11	6	6,6	50	100	M6x30
FTSWA 20 G2	20	56	38	37	8,1	11	6	6,6	75	150	M6x30
FTSWA 20	20	56	38		8,1	11	6				M6x30
FTSWA 25 G	25	60	42	42	10,3	14	6	6,6	60	120	M8x35
FTSWA 25 G2	25	60	42	42	10,3	14	6	6,6	100	200	M8x35
FTSWA 25	25	60	42		10,3	14	6				M8x35
FTSWA 30 G	30	74	53	51	11	14	8	9	75	150	M10x40
FTSWA 30 G2	30	74	53	51	11	14	8	9	100	200	M10x40
FTSWA 30	30	74	53		11	14	8				M10x40
FTSWA 40 G	40	78	60	55	15	18	8	9	100	200	M10x45
FTSWA 40 G2	40	78	60	55	15	18	8	9	150	300	M10x45
FTSWA 40	40	78	60		15	18	8				M10x45
FTSWA 50 G	50	90	75	63	19	22	10	11	100	200	M12x55
FTSWA 50 G2	50	90	75	63	19	22	10	11	150	300	M12x55
FTSWA 50	50	90	75		19	22	10				M12x55

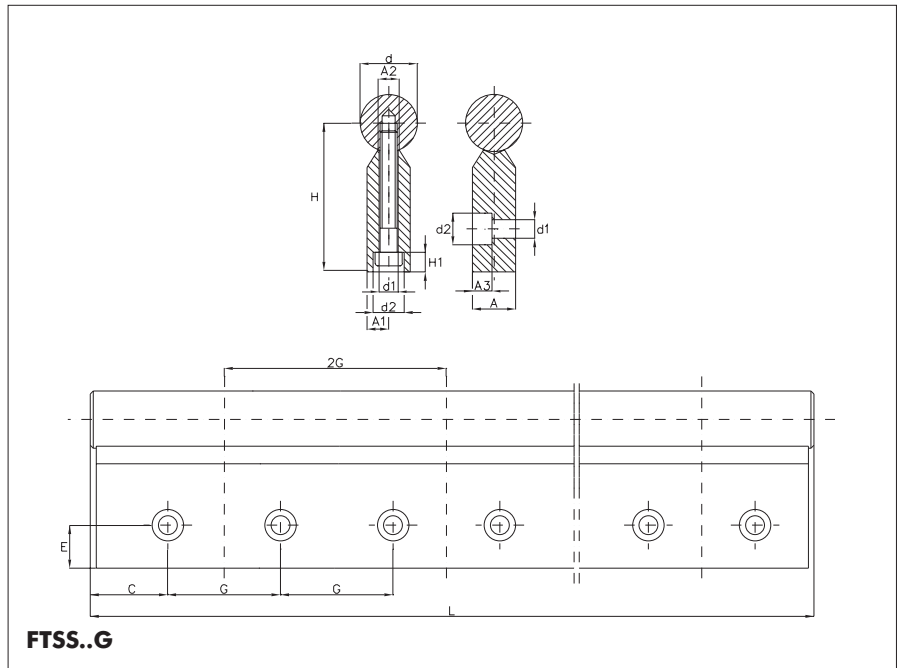
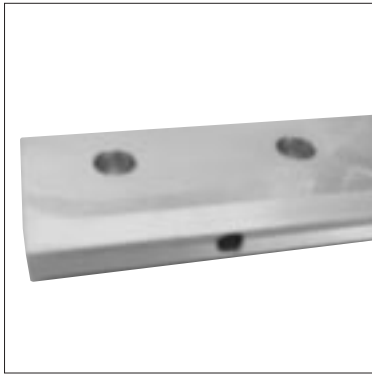
- Standard section length **L= 600 mm**.
- Support rails can be supplied, upon request, with or without mounting holes and in length different than standard ($L_{max} = 6000$ mm).
- Mounting bolts according to DIN 912 - 8.8.
- Shaft support rails without shafts.


FTSU..G

Shaft support rails in aluminum, with or without mounting holes.

Type	d	Dimensions mm		Mounting dimensions mm							
		A	H $\pm 0,2$	A1	A2	H1	K	d2	H2	C	G
FTSU 12 G	12	11	14,5	5,5	5,4	3	M4	4,5	16	37,5	75
FTSU 16 G	16	14	18	7	7	3	M5	5,5	19	37,5	75
FTSU 20 G	20	17	22	8,5	8,1	3	M6	6,6	23	37,5	75
FTSU 25 G	25	21	26	10,5	10,3	3	M8	9	28,5	37,5	75
FTSU 30 G	30	23	30	11,5	11	3	M10	11	32	50	100
FTSU 40 G	40	30	39	15	15	4	M12	13,5	39,5	50	100
FTSU 50 G	50	35	46	17,5	19	5	M14	15,5	46	50	100

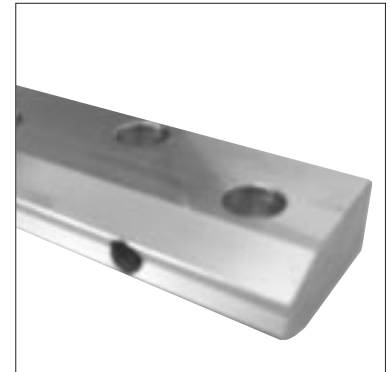
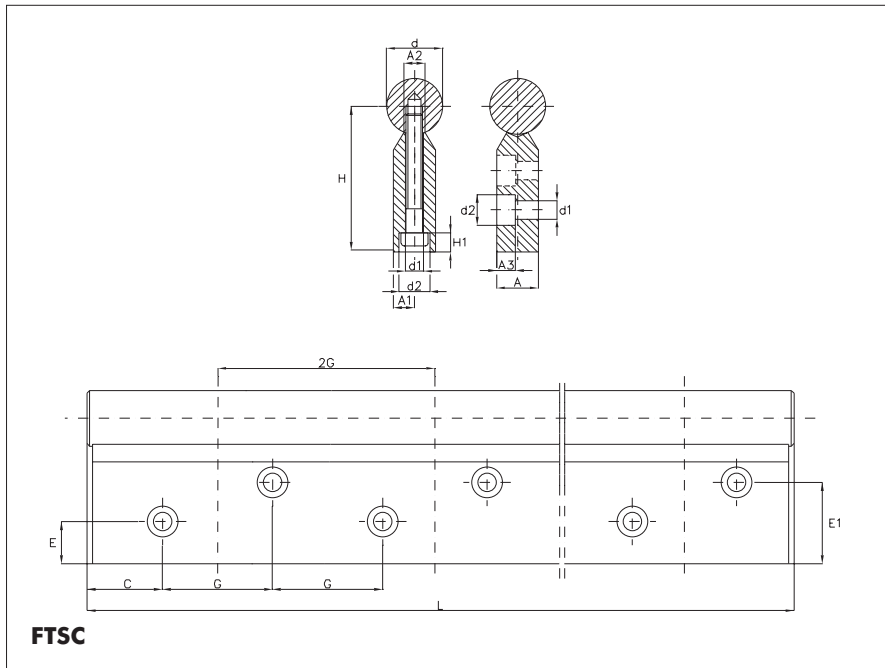
- Standard section length **L= 600 mm**.
- Support rails can be supplied, upon request, with or without mounting holes and in length different than standard ($L_{max} = 6000$ mm).
- Mounting bolts according to DIN 912 - 8.8.
- Shaft support rails without shafts.



FTSS..G
Shaft support rails in aluminum,
with or without mounting holes.

Type	d	Dimensions mm		Mounting dimensions mm									
		A	H <small>±0,01</small>	A1	A2	A3	H	H1	d1	d2	E	C	G
FTSS 20 G	20	15	52	7,5	8,3	8,5	52	8,5	6,6	11	15	25	50
FTSS 25 G	25	20	62	10	10,8	11	62	15	9,0	15	18	30	60
FTSS 30 G	30	25	72	12,5	11	13,5	72	15,3	11	18	21	37,5	75
FTSS 40 G	40	30	88	15	15	16	88	19	14	20	25	50	100
FTSS 50 G	50	35	105	17,5	19	18,5	105	21,5	16	24	30	50	100

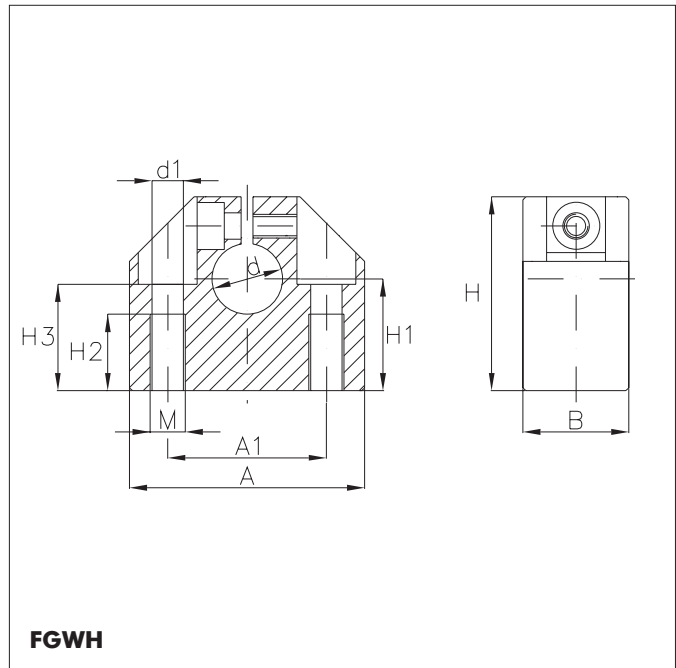
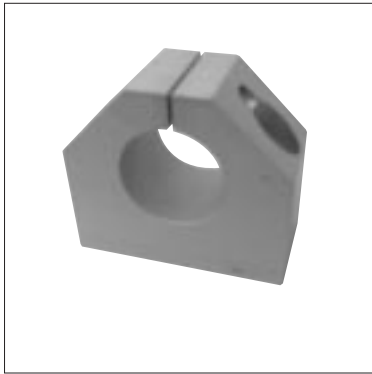
- Standard section length **L= 600 mm.**
- Mounting bolts according to DIN 912 - 8.8.
- Shaft support rails without shafts.



FTSC..G
Shaft support rails in aluminum,
with or without mounting holes.

Type	d	Dimensions mm		Mounting dimensions mm									
		A	H <small>±0,01</small>	A1	A2	A3	H1	d1	d2	E	E1	C	G
FTSC 20 G	20	15	52	7,5	8,3	8,5	8,5	6,6	11	8	22	18,75	37,5
FTSC 25 G	25	20	62	10	10,8	11	15	9	15	10	26	18,75	37,5
FTSC 30 G	30	25	72	12,5	11	13,5	15,3	11	18	12	30	25	50
FTSC 40 G	40	30	88	15	15	16	17,5	14	20	12	38	25	50
FTSC 50 G	50	35	105	17,5	19	18,5	21,5	16	24	15	45	25	50

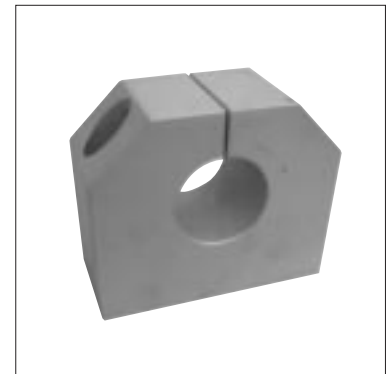
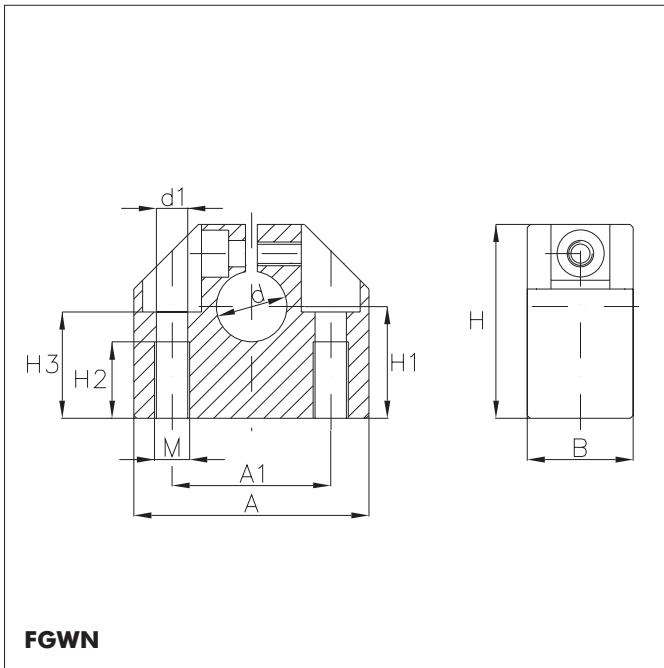
- Standard section length **L= 600 mm.**
- Mounting bolts according to DIN 912 - 8.8.
- Shaft support rails without shafts.



FGWH..
 Shaft support rails in aluminum,
 with or without mounting holes.

Type	d	Dimensions mm			Mounting dimensions mm					
		A	B	H	H1 <small>±0,01</small>	A1 <small>±0,15</small>	d1	M	H2	H3
FGWH 06	6	32	16	27	15	22	4,2	M5	11	13
FGWH 08	8	32	16	27	16	22	4,2	M5	11	13
FGWH 10	10	40	18	33	18	27	5,2	M6	13	16
FGWH 12	12	40	18	33	19	27	5,2	M6	13	16
FGWH 14	14	45	20	38	20	32	5,2	M6	13	18
FGWH 16	16	45	20	38	22	32	5,2	M6	13	18
FGWH 20	20	53	24	45	25	39	6,8	M8	18	22
FGWH 25	25	62	28	54	31	44	8,6	M10	22	26
FGWH 30	30	67	30	60	34	49	8,6	M10	22	29
FGWH 40	40	87	40	76	42	66	10,3	M12	26	38
FGWH 50	50	103	50	92	50	80	14,25	M16	34	46

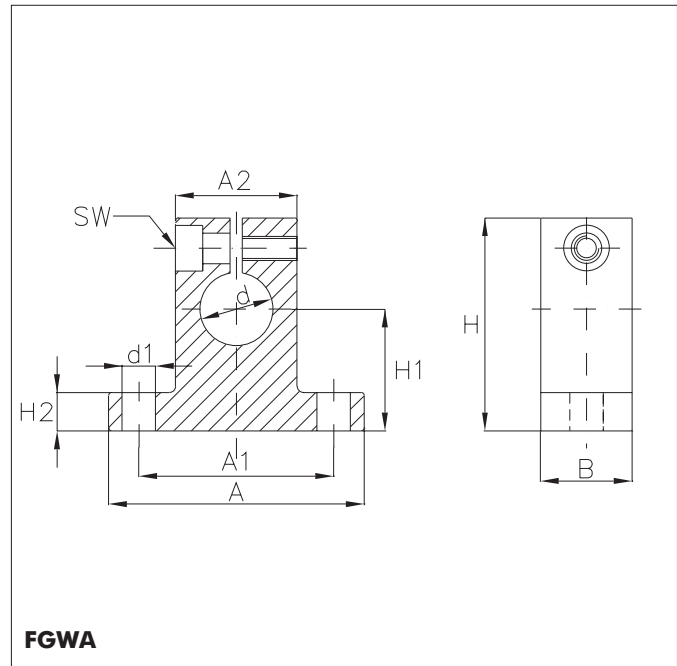
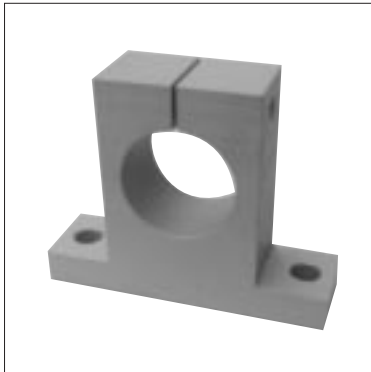
- Mounting bolts according to DIN 912 - 8.8.



FGWN..
Shaft end support units in aluminum, adjustable

Type	d	Dimensions mm			Mounting dimensions mm					
		A	B	H	H1 <small>±0,01</small>	A1 <small>±0,15</small>	d1	M	H2	H3
FGWN 08	8	32	18	28	15	22	3,3	M4	9	13
FGWN 12	12	43	20	35	20	30	5,2	M6	13	16,5
FGWN 16	16	53	24	42	25	38	6,8	M8	18	21
FGWN 20	20	60	30	50	30	42	8,6	M10	22	25
FGWN 25	25	78	38	60	35	56	10,3	M12	26	30
FGWN 30	30	87	40	70	40	64	10,3	M12	26	34
FGWN 40	40	108	48	90	50	82	14,25	M16	34	44
FGWN 50	50	132	58	105	60	100	17,5	M20	43	49

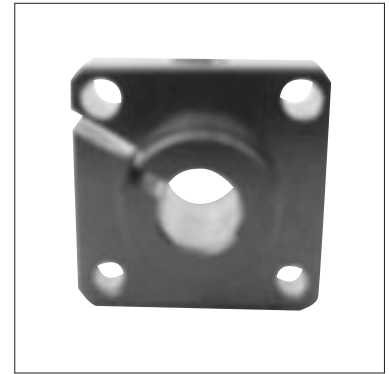
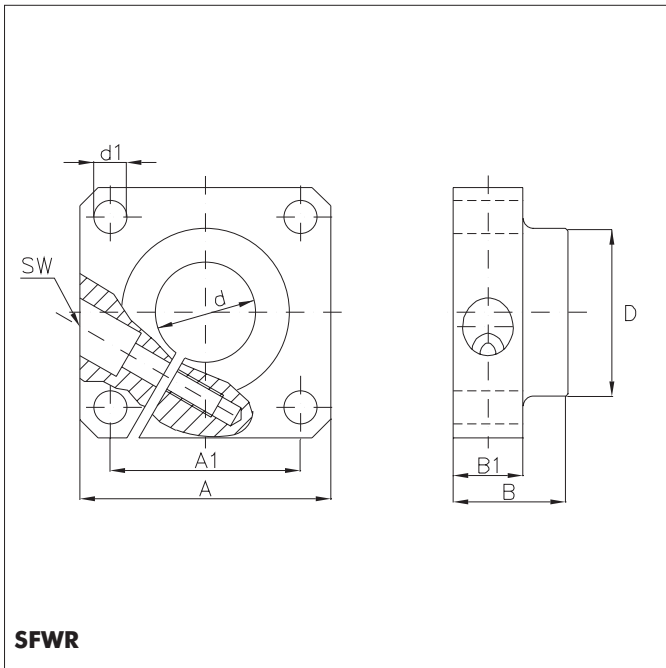
• Mounting bolts according to DIN 912 - 8.8.



FGWA..
Shaft end support units in aluminum, adjustable

Type	d	Dimensions mm			Mounting dimensions mm					
		A	B	H	H1	A1 <small>±0,15</small>	A2	d1	SW	H2
FGWA 08	8	32	10	27	15	25	16	4,5	3	5
FGWA 12	12	42	12	35	20	32	20	5,5	3	5,5
FGWA 16	16	50	16	42	25	40	28	5,5	3	6,5
FGWA 20	20	60	20	50	30	45	32	5,5	4	8
FGWA 25	25	74	25	58	35	60	38	6,6	5	9
FGWA 30	30	84	28	68	40	68	45	9	6	10
FGWA 40	40	108	32	86	50	86	56	11	8	12
FGWA 50	50	130	40	100	60	108	80	11	8	14
FGWA 60	60	160	48	124	75	132	100	13,5	8	15

• Mounting bolts according to DIN 912 - 8.8.



SFWR..
Shaft end support units in aluminum, adjustable

Type	Dimensions mm		Mounting dimensions mm					
	d	A	B	D	A1	d1	B1	SW
SFWR 12	12	40	20	23,5	30 ±0,12	5,5	12	3
SFWR 16	16	50	20	27,5	35 ±0,12	5,5	12	3
SFWR 20	20	50	23	33,5	38 ±0,15	6,6	14	4
SFWR 25	25	60	25	42	42 ±0,15	6,6	16	5
SFWR 30	30	70	30	49,5	54 ±0,25	9	19	6
SFWR 40	40	100	40	65	68 ±0,25	11	26	8
SFWR 50	50	100	50	75	75 ±0,25	11	36	8

- Mounting bolts according to DIN 912 - 8.8.

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