

Split Shaft Collars

Steel / Stainless Steel / Aluminum, with Hand Lever

SPECIFICATION

Shaft collar

- Steel, sintered (Distaloy AB) **ST**
Black, steam oxidized
- Stainless steel AISI 316L **NI**
Sintered
- Aluminum, turned **AL**
Ground

Socket cap screw ISO 4762

Stainless steel AISI 304
Thread locking
Polyamide patch coating (PFB)
Blue

Adjustable hand lever

- Zinc die casting
Powder coated
Black, RAL 9005, textured finish
- Insert and retaining screw
Stainless steel AISI 303



INFORMATION

Split shaft collars GN 707.4 are used when axial mounting is not possible. They can be clamped easily and quickly without tools by reducing the slot height using an adjustable hand lever. For example, this allows them to be used as an end stop that must be frequently adjusted. The thread locking of the supplied socket cap screw ensures that the slot height set during installation is retained even when the clamping lever is released.

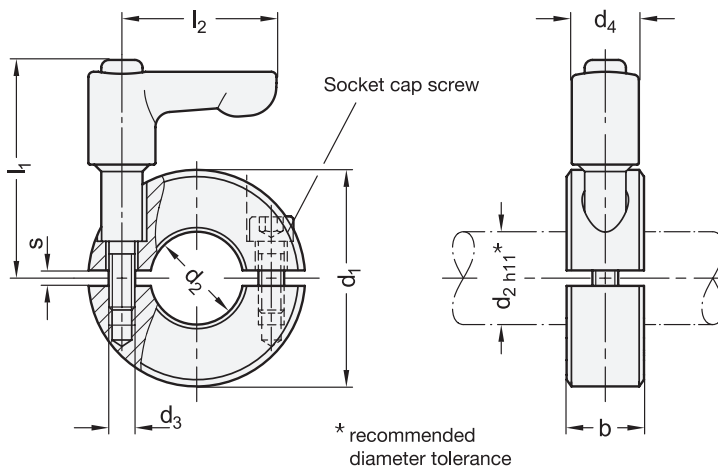
The dimensions of the split shaft collars correspond to the semi-split shaft collars GN 706.2 / GN 706.4. The thread d_3 for sizes $d_1 = 16$ to 36 is designed as a through hole; for sizes $d_1 = 42$ and larger, it is designed as a blind hole.

ACCESSORY

- GN 7072.30 Damping Washers (see page)

TECHNICAL INFORMATION

- Assembly Instructions and Application Example (see page)
- Thread Locking PFB (see page)
- ISO Fundamental Tolerances (see page A21)
- Stainless Steel Characteristics (see page A26)



GN 707.4-ST

Description	d ₁	d ₂ H10	b ±0.2	d ₃	d ₄	l ₁ ≈	l ₂	s	
GN 707.4-16-B4-ST	16	B 4	9	M 3	13	26.5	22	2.1	23
GN 707.4-16-B5-ST	16	B 5	9	M 3	13	26.5	22	2.1	23
GN 707.4-20-B6-ST	20	B 6	9	M 3	13	29.5	22	2.1	29
GN 707.4-22-B8-ST	22	B 8	9	M 3	13	29.5	22	2.1	32
GN 707.4-26-B10-ST	26	B 10	11	M 4	13	31	22	2.1	45
GN 707.4-30-B12-ST	30	B 12	11	M 4	13	37	30	2.1	67
GN 707.4-32-B14-ST	32	B 14	11	M 4	13	37	30	2.1	71
GN 707.4-36-B15-ST	36	B 15	13	M 5	13	38.5	30	2.1	97
GN 707.4-36-B16-ST	36	B 16	13	M 5	13	38.5	30	2.1	95
GN 707.4-42-B18-ST	42	B 18	15	M 5	13	41	30	3	136
GN 707.4-42-B20-ST	42	B 20	15	M 5	13	41	30	3	130
GN 707.4-48-B22-ST	48	B 22	15	M 5	13	43	45	3	173
GN 707.4-48-B25-ST	48	B 25	15	M 5	13	43	45	3	163
GN 707.4-55-B28-ST	55	B 28	15	M 6	13	45	45	3	207
GN 707.4-55-B30-ST	55	B 30	15	M 6	13	45	45	3	198
GN 707.4-60-B32-ST	60	B 32	15	M 6	13	46.5	45	4	232
GN 707.4-60-B35-ST	60	B 35	15	M 6	13	46.5	45	4	217
GN 707.4-65-B40-ST	65	B 40	15	M 6	13	47.5	45	4	238

GN 707.4-NI

STAINLESS STEEL

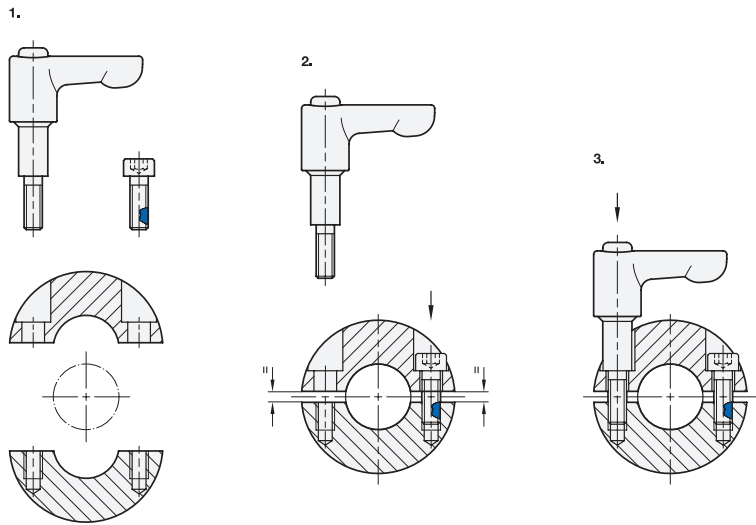
Description	d ₁	d ₂ H10	b ±0.2	d ₃	d ₄	l ₁ ≈	l ₂	s	
GN 707.4-16-B4-NI	16	B 4	9	M 3	13	26.5	22	2.1	23
GN 707.4-16-B5-NI	16	B 5	9	M 3	13	26.5	22	2.1	23
GN 707.4-20-B6-NI	20	B 6	9	M 3	13	29.5	22	2.1	29
GN 707.4-22-B8-NI	22	B 8	9	M 3	13	29.5	22	2.1	32
GN 707.4-26-B10-NI	26	B 10	11	M 4	13	31	22	2.1	45
GN 707.4-30-B12-NI	30	B 12	11	M 4	13	37	30	2.1	67
GN 707.4-32-B14-NI	32	B 14	11	M 4	13	37	30	2.1	71
GN 707.4-36-B15-NI	36	B 15	13	M 5	13	38.5	30	2.1	97
GN 707.4-36-B16-NI	36	B 16	13	M 5	13	38.5	30	2.1	95
GN 707.4-42-B18-NI	42	B 18	15	M 5	13	41	30	3	136
GN 707.4-42-B20-NI	42	B 20	15	M 5	13	41	30	3	130
GN 707.4-48-B22-NI	48	B 22	15	M 5	13	43	45	3	173
GN 707.4-48-B25-NI	48	B 25	15	M 5	13	43	45	3	163
GN 707.4-55-B28-NI	55	B 28	15	M 6	13	45	45	3	207
GN 707.4-55-B30-NI	55	B 30	15	M 6	13	45	45	3	198
GN 707.4-60-B32-NI	60	B 32	15	M 6	13	46.5	45	4	232
GN 707.4-60-B35-NI	60	B 35	15	M 6	13	46.5	45	4	217
GN 707.4-65-B40-NI	65	B 40	15	M 6	13	47.5	45	4	238

GN 707.4-AL

Description	d ₁	d ₂ H10	b ±0.2	d ₃	d ₄	l ₁ ≈	l ₂	s	
GN 707.4-20-B6-AL	20	B 6	9	M 3	13	29.5	22	2.1	21
GN 707.4-22-B8-AL	22	B 8	9	M 3	13	29.5	22	2.1	22
GN 707.4-26-B10-AL	26	B 10	11	M 4	13	31	22	2.1	29
GN 707.4-30-B12-AL	30	B 12	11	M 4	13	37	30	2.1	51
GN 707.4-32-B14-AL	32	B 14	11	M 4	13	37	30	2.1	51
GN 707.4-36-B15-AL	36	B 15	13	M 5	13	38.5	30	2.1	59
GN 707.4-36-B16-AL	36	B 16	13	M 5	13	38.5	30	2.1	59
GN 707.4-42-B18-AL	42	B 18	15	M 5	13	41	30	3	75
GN 707.4-42-B20-AL	42	B 20	15	M 5	13	41	30	3	73
GN 707.4-48-B22-AL	48	B 22	15	M 5	13	43	45	3	95
GN 707.4-48-B25-AL	48	B 25	15	M 5	13	43	45	3	91
GN 707.4-55-B28-AL	55	B 28	15	M 6	13	45	45	3	113
GN 707.4-55-B30-AL	55	B 30	15	M 6	13	45	45	3	109
GN 707.4-60-B32-AL	60	B 32	15	M 6	13	46.5	45	4	123
GN 707.4-60-B35-AL	60	B 35	15	M 6	13	46.5	45	4	125
GN 707.4-65-B40-AL	65	B 40	15	M 6	13	47.5	45	4	126



Assembly Instructions



Application Example

