

Split shaft collars

Steel / Stainless Steel / Aluminium

SPECIFICATION

Version in Steel ST

Sintered Steel (Distaloy AB)
black oxidised with vapor

Socket head cap screw DIN 912
Steel, phosphated

Version in Stainless Steel

Sintered Steel AISI 316 LHC NI
Socket head cap screw DIN 912-A2

Turned version AISI 316 A4

weldable
Socket head cap screw DIN 912-A4

Version in Aluminium AL

- ground
- Socket head cap screw DIN 912-A2

INFORMATION

Split shaft collars GN 707.2 are used when the latter cannot be slipped over a shaft.

For size $d_1 = 20$ to 36 d_3 is a through hole; starting from $d_1 = 42$ d_3 is a threaded blind bore.

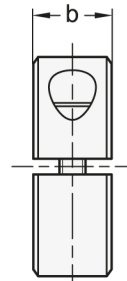
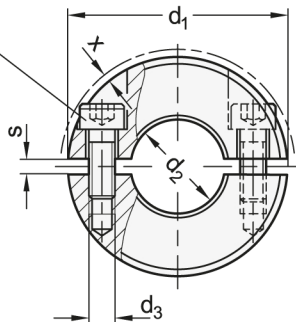
These shaft collars not only serve as an end stop, but they can also be used for fixing or triggering other components such as end limit switches.

TECHNICAL INFORMATION

- ISO-Fundamental tolerances (see page A21)
- Stainless Steel characteristics (see page A26)



Socket head cap screw
DIN 912





Machine elements

* Complete with material index of the Split shaft collars (AL, ST or NI)

AL ST NI
Aluminum Steel Stainless Steel

GN 707.2

STAINLESS STEEL

Description	d1	d2 H10 Recommended shaft tolerance h11	b ±0.2	d3	s	x ≈ Max. protrusion of cap thread	⚖
GN 707.2-20-B6-*	20	B 6	9	M 3	2.1	1.2	16
GN 707.2-22-B8-*	22	B 8	9	M 3	2.1	1	18
GN 707.2-26-B10-*	26	B 10	11	M 4	2.1	1.6	30
GN 707.2-30-B12-*	30	B 12	11	M 4	2.1	0.7	39
GN 707.2-32-B14-*	32	B 14	11	M 4	2.1	0.7	43
GN 707.2-36-B15-*	36	B 15	13	M 5	2.1	1.4	65
GN 707.2-36-B16-*	36	B 16	13	M 5	2.1	1.4	66
GN 707.2-42-B18-*	42	B 18	15	M 5	3	0.6	98
GN 707.2-42-B20-*	42	B 20	15	M 5	3	0.6	104
GN 707.2-48-B22-*	48	B 22	15	M 5	3	0	122
GN 707.2-48-B25-*	48	B 25	15	M 5	3	0	134
GN 707.2-55-B28-*	55	B 28	15	M 6	3	0.5	153
GN 707.2-55-B30-*	55	B 30	15	M 6	3	0.5	165
GN 707.2-60-B32-*	60	B 32	15	M 6	4	0.4	170
GN 707.2-60-B35-*	60	B 35	15	M 6	4	0.4	187
GN 707.2-65-B40-*	65	B 40	15	M 6	4	0.5	189

Weight type AL

GN 707.2-A4

STAINLESS STEEL

Description	d1	d2 E8 Recommended shaft tolerance h11	b ±0.2	d3	s	x ≈ Max. protrusion of cap thread	⚖
GN 707.2-36-B16-A4	36	B 16	13	M 5	1.6	1.4	78
GN 707.2-42-B20-A4	42	B 20	15	M 5	1.6	0.6	110
GN 707.2-48-B25-A4	48	B 25	15	M 5	1.6	0	140
GN 707.2-55-B30-A4	55	B 30	15	M 6	1.6	0.4	170
GN 707.2-60-B35-A4	60	B 35	15	M 6	1.6	0.4	220