



JW WINCO®
A Ganter Company

Highlights

Shaft Collars



Standard Parts. **Winco.**

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J.W.Winco, Inc., January 2024

Shaft Collars



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Quick Release
Shaft Collars



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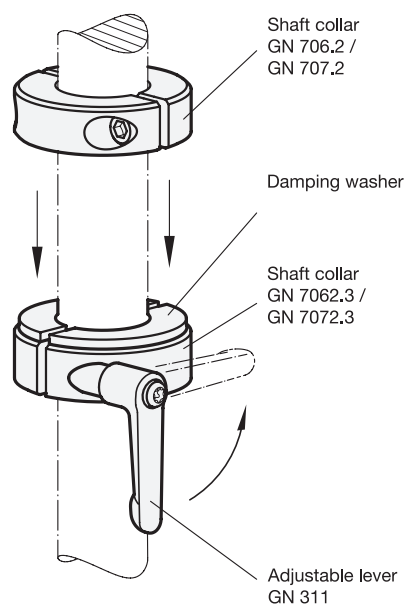
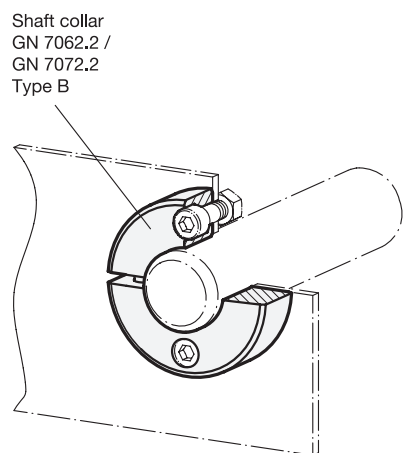
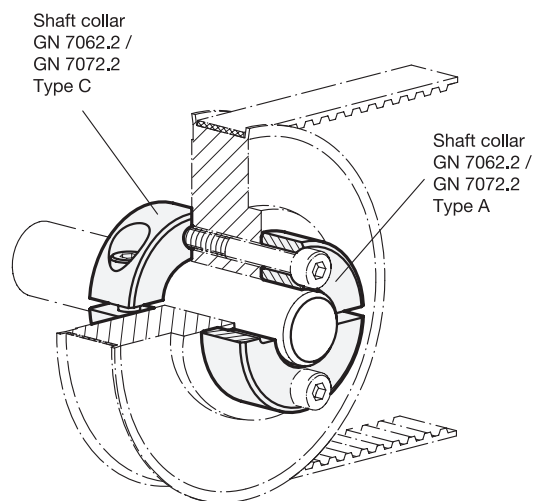
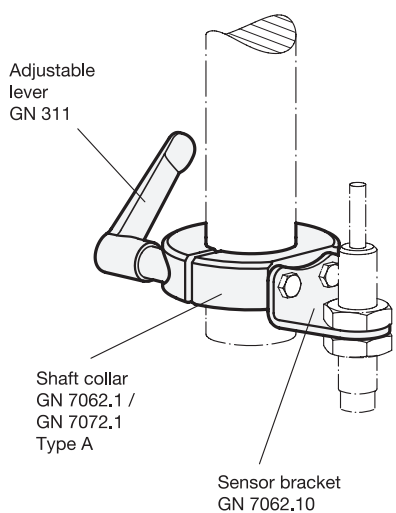
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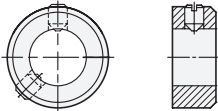
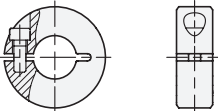
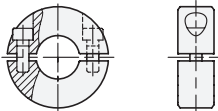
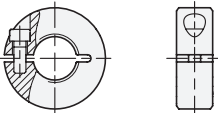
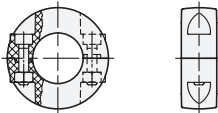
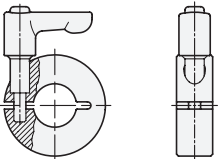
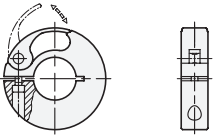
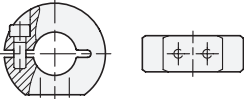
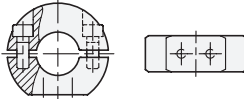
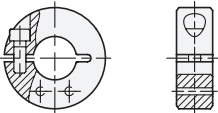
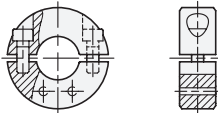


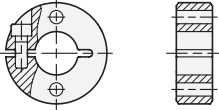
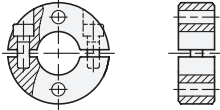
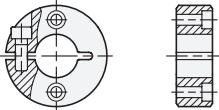
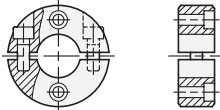
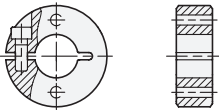
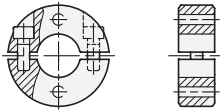
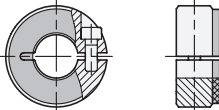
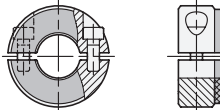
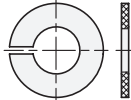



GN 7072.30
Damping Washers
for Split Shaft Collars
Elastomer
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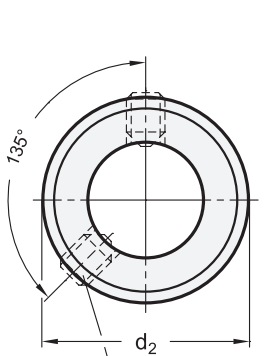
Shaft collars can be used in multiple ways in machine and fixture fabrication: They secure shafts and axles, act as a positive stop or as an attachment option for additional function elements. Classification of shaft collars can be done based on the type of clamping as well as the assembly possibilities.

<p>Set Screw Shaft Collars</p> <p>Shaft collars GN 705 have the simplest structure with their solid circular body and they comply with DIN 705. Clamping is done radially with a set screw, which presses onto the surface of the shaft or axle.</p> <p>This type of shaft collar can be used optimally together with a dimpled hole or a groove at the collet diameter, which ensures exact repositioning of the shaft collar and, at the same time, prevents damage to the clamping point of the shaft or axle surface.</p>	
<p>Semi-Split Shaft Collars</p> <p>Unilaterally semi-split shaft collars GN 706.2 are assembled axially on shafts or axles. The clamping creates a non-positive connection with the shaft or the axle along with the entire inside surface of the shaft collar. Extremely high clamping and retaining forces are achieved by reducing the slot height by clamping with the help of a socket cap screw.</p>	
<p>Split Shaft Collars</p> <p>Split shaft collars GN 707.2 can be set axially as well as radially on the shaft or axle and are then held together by two socket cap screws. Clamping is done just like in case of the semi-split version, by reducing the slot height using socket cap screws. The split shaft collars GN 707.2 correspond in measurement to the semi-split version GN 706.2 so that these can be exchanged with each other in general and depending on the application.</p>	
<p>Shaft collars with additional function</p> <p>Building up on the two aforementioned types of shaft collars, shaft collars with “additional functions” are available. Additional radial or axially parallel holes, with or without thread, easily facilitate attaching rings even, for instance, as a flange or attaching other components such as sensor holders on the shaft collar. Versions having an adjustable clamping lever or a damping washer complete the program.</p> <p>Clamping levers, damping washers and matching sensor holders are also available, individually as accessories or for retrofitting via a separate Ganter standard for all standards of the shaft collar families GN 706... and GN 707....</p>	

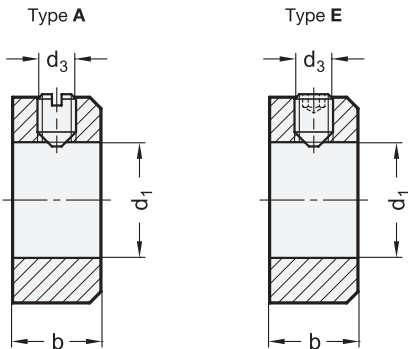


Application	Set screw shaft collars <ul style="list-style-type: none">Axial assemblyCompact designRadial clamping (form-fit) with set screwCan be positioned by a groove on the shaft	Semi-split shaft collars <ul style="list-style-type: none">Axial assemblyClamping by reducing the slot height using a socket cap screwNon-positive / damage-free clamping	Split shaft collars <ul style="list-style-type: none">Axial / radial assemblyClamping by reducing the slot height using a socket cap screwNon-positive / damage-free clamping
Universally applicable	GN 705 complies with DIN 705 	GN 706.2 Standard version 	GN 707.2 Standard version 
		GN 706.3 Threaded shaft collars 	GN 707.5 Plastic 
		GN 706.4 With adjustable lever 	
		GN 704 Quick release shaft collars 	
Sensor attachment		GN 7062.1 - Type A Tapped holes, radial 	GN 7072.1 - Type A Tapped holes, radial 
		GN 7062.1 - Type B Tapped holes, axial 	GN 7072.1 - Type B Tapped holes, axial 

Application	Semi-split shaft collars <ul style="list-style-type: none">• Axial assembly• Clamping by reducing the slot height using a socket cap screw• Non-positive / damage-free clamping	Split shaft collars <ul style="list-style-type: none">• Axial / radial assembly• Clamping by reducing the slot height using a socket cap screw• Non-positive / damage-free clamping
Flange mounting	GN 7062.2 - Type A With two plain holes 	GN 7072.2 - Type A With two plain holes 
	GN 7062.2 - Type B With two countersunk holes 	GN 7072.2 - Type B With two countersunk holes 
	GN 7062.2 - Type C With two tapped holes 	GN 7072.2 - Type C With two tapped holes 
Damping	GN 7062.3 With damping washer 	GN 7072.3 With damping washer 
Accessories	 GN 7062.30 Damping washers	 GN 7072.30 Damping washers
	 GN 311 Adjustable levers	
	 GN 7062.10 Stainless steel sensor brackets	

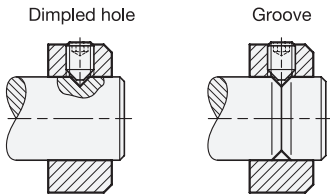


Second set screw for d₁ > 70



Assembly examples

Positioning through



SS Stainless Steel

2 Type

- A Slotted set screw with cone point ISO 7434 (DIN 553)
- E Hex socket set screw with cone point DIN 914

Specification

• Steel, blackened finish	—
• Steel, zinc plated, blue passivated finish	ZB
• Stainless steel AISI 303	NI
• ISO Fundamental Tolerances → Standard Parts Handbook page 2129	
• Stainless Steel Characteristics → Standard Parts Handbook page 2143	
• RoHS compliant	

Information

GN 705 set screw shaft collars are primarily used as securing rings on round shafts.

The clamping is done radially on the shaft or axle surface. Together with a countersunk hole or a groove on the shaft diameter, the shaft collars can be positioned exactly and, at the same time, damage to the clamping point can be avoided.

The set screw is a standard part of the assembly. A second screw is added from size d₁ > 70 mm.

see also...

- Semi-Split Shaft Collars GN 706.2 → page 10

How to order (Steel, blackened finish) 1 2 GN 705-20-A	1 Inner diameter d ₁
	2 Type
How to order (Steel, zinc plated) 1 2 3 GN 705-10-E-ZB	1 Inner diameter d ₁
	2 Type
	3 Finish
How to order (Stainless steel) 1 2 3 GN 705-13-E-NI	1 Inner diameter d ₁
	2 Type
	3 Finish

Metric table

1

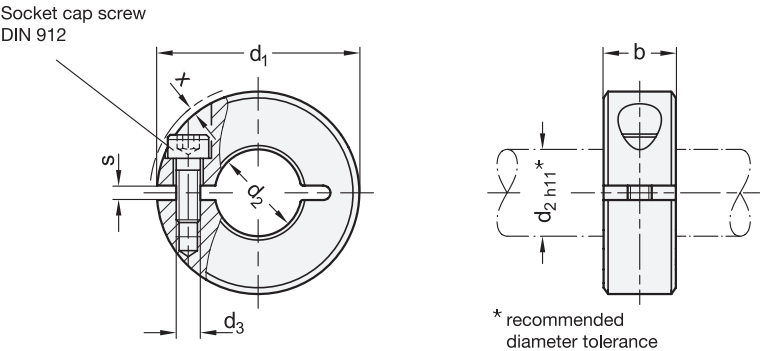
d ₁ H8 Steel, blackened Type A / E	Steel*, zinc plated ZB Type E	Stainless steel NI Type E	d ₂	d ₃	b js14
5 0.20	5 0.20	5 0.20	10 0.39	M3 x 4	6 0.24
6 0.24	6 0.24	6 0.24	12 0.47	M4 x 5	8 0.31
7 0.28	7 0.28	7 0.28	12 0.47	M4 x 5	8 0.31
8 0.31	8 0.31	8 0.31	16 0.63	M4 x 6	8 0.31
9 0.35	9 0.35	9 0.35	18 0.71	M5 x 8	10 0.39
10 0.39	10 0.39	10 0.39	20 0.79	M5 x 8	10 0.39
11 0.43	11 0.43	11 0.43	20 0.79	M5 x 8	10 0.39
12 0.47	12 0.47	12 0.47	22 0.87	M6 x 8	12 0.47
13 0.51	13 0.51	13 0.51	22 0.87	M6 x 8	12 0.47
14 0.55	14 0.55	14 0.55	25 0.98	M6 x 8	12 0.47
15 0.59	15 0.59	15 0.59	25 0.98	M6 x 8	12 0.47
16 0.63	16 0.63	16 0.63	28 1.10	M6 x 8	12 0.47
18 0.71	18 0.71	18 0.71	32 1.26	M6 x 8	14 0.55
20 0.79	20 0.79	20 0.79	32 1.26	M6 x 8	14 0.55
22 0.87	22 0.87	22 0.87	36 1.42	M6 x 10	14 0.55
24 0.94	24 0.94	24 0.94	40 1.57	M8 x 12	16 0.63
25 0.98	25 0.98	25 0.98	40 1.57	M8 x 10	16 0.63
26 1.02	26 1.02	26 1.02	40 1.57	M8 x 10	16 0.63
28 1.10	28 1.10	28 1.10	45 1.77	M8 x 12	16 0.63

1

Dimensions in: millimeters - inches

d ₁ H8 Steel, blackened Type A / E	Steel*, zinc plated ZB Type E	Stainless steel NI Type E	d ₂	d ₃	b js14
30 1.18	30 1.18	30 1.18	45 1.77	M 8 x 10	16 0.63
32 1.26	32 1.26	32 1.26	50 1.97	M 8 x 12	16 0.63
34 1.34	-	34 1.34	50 1.97	M 8 x 12	16 0.63
35 1.38	35 1.38	35 1.38	56 2.20	M 8 x 12	16 0.63
36 1.42	-	36 1.42	56 2.20	M 8 x 12	16 0.63
38 1.50	-	38 1.50	56 2.20	M 8 x 12	16 0.63
40 1.57	40 1.57	40 1.57	63 2.48	M10 x 16	18 0.71
42 1.65	-	42 1.65	63 2.48	M10 x 16	18 0.71
45 1.77	45 1.77	45 1.77	70 2.76	M10 x 16	18 0.71
48 1.89	-	48 1.89	70 2.76	M10 x 16	18 0.71
50 1.97	50 1.97	50 1.97	80 3.15	M10 x 16	18 0.71
52 2.05	-	-	80 3.15	M10 x 16	18 0.71
55 2.17	55 2.17	-	80 3.15	M10 x 16	18 0.71
60 2.36	60 2.36	-	90 3.54	M10 x 16	20 0.79
65 2.56	-	-	100 3.94	M10 x 20	20 0.79
70 2.76	70 2.76	-	100 3.94	M10 x 20	20 0.79
75 2.95	-	-	110 4.33	M12 x 20	22 0.87
80 3.15	80 3.15	-	110 4.33	M12 x 20	22 0.87

* The tolerances given in accordance with DIN 705 apply to plain shaft collars.
The surface treatment normally has no detrimental effect on the proper function.



Metric table

12

Dimensions in: millimeters - inches

d ₁	d ₂		AL: H10 A4: E8		b ±0.2	d ₃	s	A4	x ≈ Max. protrusion of screw head
	ST / NI: H10						ST / NI / AL		
16 0.63	B 4	B 5	-	-	9 0.35	M 3	2.1 0.08	-	1.2 0.05
20 0.79	B 6	-	B 6	-	9 0.35	M 3	2.1 0.08	1.6 0.06	1.2 0.05
22 0.87	B 8	-	B 8	-	9 0.35	M 3	2.1 0.08	1.6 0.06	1 0.04
26 1.02	B 10	-	B 10	-	11 0.43	M 4	2.1 0.08	1.6 0.06	1.6 0.06
30 1.18	B 12	-	B 12	-	11 0.43	M 4	2.1 0.08	1.6 0.06	0.7 0.03
32 1.26	B 14	-	B 14	-	11 0.43	M 4	2.1 0.08	1.6 0.06	0.7 0.03
36 1.42	B 15	B 16	B 15	B 16	13 0.51	M 5	2.1 0.08	1.6 0.06	1.4 0.06
42 1.65	B 18	B 20	B 18	B 20	15 0.59	M 5	3 0.12	1.6 0.06	0.6 0.02
48 1.89	B 22	B 25	B 22	B 25	15 0.59	M 5	3 0.12	1.6 0.06	0 0
55 2.17	B 28	B 30	B 28	B 30	15 0.59	M 6	3 0.12	1.6 0.06	0.5 0.02
60 2.36	B 32	B 35	B 32	B 35	15 0.59	M 6	4 0.16	1.6 0.06	0.4 0.02
65 2.56	B 40	-	B 40	-	15 0.59	M 6	4 0.16	1.6 0.06	0.5 0.02

Specification

- 3
- Steel body

ST

- Sintered (Distaloy AB)
Black steam oxidized

- Socket cap screw DIN 912
Steel, plain finish

• Stainless steel body

NI

- Sintered, AISI 316LHC

- Socket cap screw DIN 912
Stainless steel A2

- Turned, AISI 316
Weldable

- Socket cap screw DIN 912
Stainless steel A4

• Aluminum body

AL

- Turned, tumbled

- Socket cap screw DIN 912
Stainless steel A2

• RoHS compliant

Information

GN 706.2 semi-split shaft collars are typically used as an end stop, and can easily be assembled with a high clamping force via the clamping screw without causing damage to the surface of the shaft or axle.

For sizes d₁ = 16 to 36 mm, d₃ is a tapped through hole; for sizes d₁ = 42 mm and larger, d₃ is a tapped blind hole.

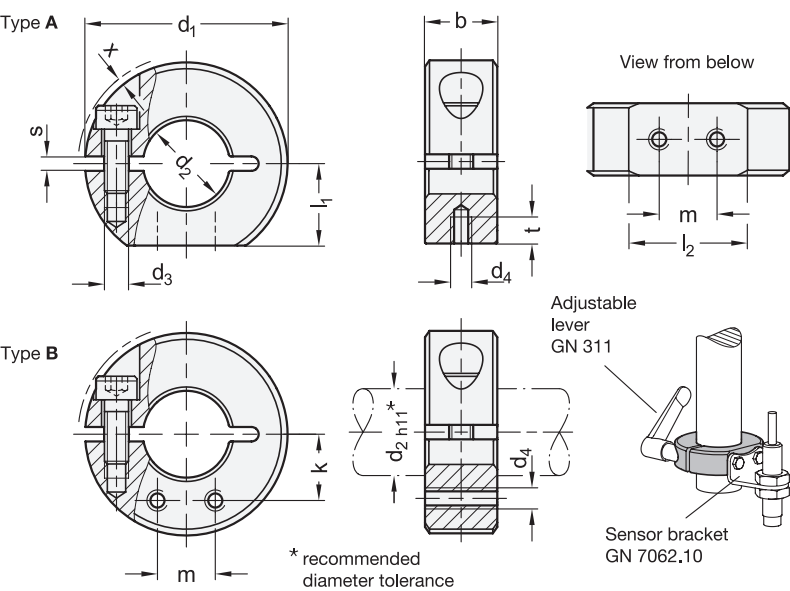
see also...

- *Shaft Collars GN 705 (with Set Screw)* → page 8
- *Threaded Shaft Collars GN 706.3* → page 14
- *Semi-Split Shaft Collars GN 706.4 (with Adjustable Lever)* → page 15
- *Quick Release Shaft Collars GN 704* → page 16

Accessory

- Damping washers GN 7062.30 → page 24

How to order	1	Outer diameter d ₁
	2	Bore d ₂
	3	Material
GN 706.2-55-B28-NI		



SS

Stainless Steel

4

Type

A

Tapped attachment holes, radial

B

Tapped attachment holes, axial

Metric table

d ₁	d ₂ H10		b ±0.2	d ₃	d ₄	l ₁	l ₂	m	k		s	t	x ≈ Max. protrusion of screw head	Part number adjustable lever for d ₃
	Bore series 1	2							Bore series 1	2				
30 1.18	B 12	-	11 0.43	M 4	M 3	13 0.51	15 0.59	8 0.31	9.7 0.38	-	2.1 0.08	4 0.16	0.7 0.03	GN 311-30-M4-12-SW
32 1.26	B 14	-	11 0.43	M 4	M 3	14 0.55	15.5 0.61	8 0.31	10.8 0.43	-	2.1 0.08	4 0.16	0.7 0.03	GN 311-30-M4-12-SW
36 1.42	B 15	B 16	13 0.51	M 5	M 4	15 0.59	19.9 0.78	10 0.39	11.7 0.46	12 0.47	2.1 0.08	5.5 0.22	1.4 0.06	GN 311-30-M5-13-SW
42 1.65	B 18	B 20	15 0.59	M 5	M 4	17 0.67	24.7 0.97	12 0.47	13.7 0.54	14.3 0.56	3 0.12	5.5 0.22	0.6 0.02	GN 311-30-M5-15-SW
48 1.89	B 22	B 25	15 0.59	M 5	M 4	20 0.79	26.5 1.04	12 0.47	16.4 0.65	17.2 0.68	3 0.12	5.5 0.22	0 0	GN 311-45-M5-16-SW
55 2.17	B 28	B 30	15 0.59	M 6	M 5	22.5 0.89	31.6 1.24	18 0.71	18.7 0.74	19.3 0.76	3 0.12	7 0.28	0.5 0.02	GN 311-45-M6-18-SW
60 2.36	B 32	B 35	15 0.59	M 6	M 5	25 0.98	33.2 1.31	18 0.71	21.2 0.83	22 0.87	4 0.16	7 0.28	0.4 0.02	GN 311-45-M6-19-SW
65 2.56	B 40	-	15 0.59	M 6	M 5	27.5 1.08	34.6 1.36	18 0.71	24.7 0.97	-	4 0.16	7 0.28	0.5 0.02	GN 311-45-M6-20-SW

Specification

- Body

Stainless steel AISI 316LHC

Sintered
- Socket cap screw DIN 912

Stainless steel AISI 304
- ISO Fundamental Tolerances

→ Standard Parts Handbook page 2129
- Stainless Steel Characteristics

→ Standard Parts Handbook page 2143
- RoHS compliant

Accessory

- Adjustable levers GN 311 → page 22
- Sensor brackets GN 7062.10 → page 23
- Damping washers GN 7062.30 → page 24

Information

GN 7062.1 semi-split shaft collars with tapped attachment holes allow GN 7062.10 sensor brackets and various other elements to be attached to the shaft collar.

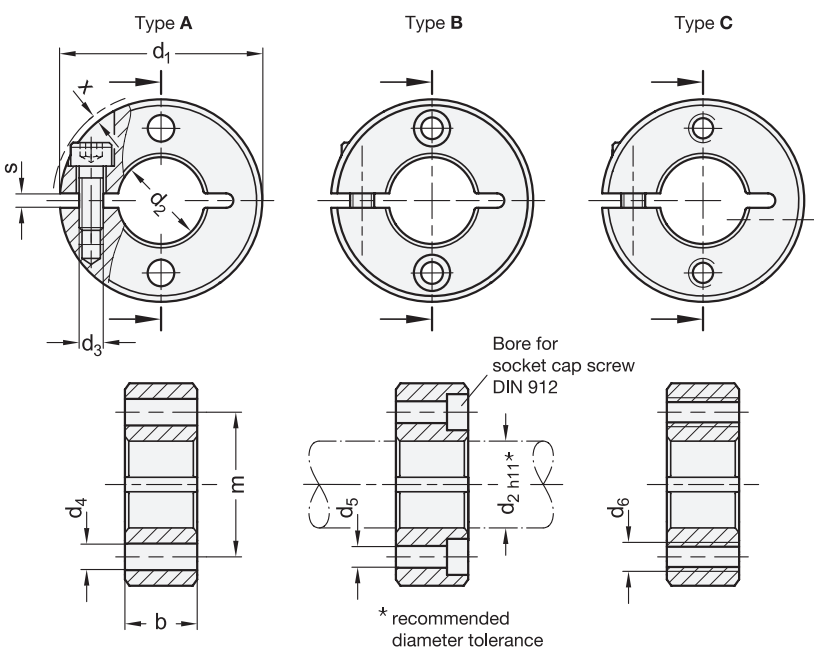
These shaft collars can easily be assembled with a high clamping force via the clamping screw without causing damage to the surface of the shaft or axle.

For sizes d₁ = 30 to 36 mm, d₃ is a tapped through hole; for sizes d₁ = 42 mm and larger, d₃ is a tapped blind hole.

see also...

• Split Shaft Collars GN 7072.1 (Stainless Steel, with Tapped Attachment Holes) → page 18

How to order	1	Outer diameter d ₁
	2	Bore d ₂
	3	Material
	4	Type
GN 7062.1-55-B28-NI-A		



Metric



SS

Stainless Steel

4

Type

A

With two plain holes

B

With two countersunk holes for socket cap screws

C

With two tapped holes

Metric table

d ₁	d ₂ H10		b ±0.2	d ₃	d ₄	d ₅	d ₆	m		s	x ≈ Max. protrusion of screw head	Part number adjustable lever for d ₃
	Bore series 1	2						Bore series 1	2			
30 1.18	B 12	-	11 0.43	M 4	4.5 0.18	3.5 0.14	M 4	21 0.83	-	2.1 0.08	0.7 0.03	GN 311-30-M4-12-SW
32 1.26	B 14	-	11 0.43	M 4	4.5 0.18	3.5 0.14	M 4	23 0.91	-	2.1 0.08	0.7 0.03	GN 311-30-M4-12-SW
36 1.42	B 15	B 16	13 0.51	M 5	5.5 0.22	4.5 0.18	M 5	25.5 1.00	26 1.02	2.1 0.08	1.4 0.06	GN 311-30-M5-13-SW
42 1.65	B 18	B 20	15 0.59	M 5	5.5 0.22	4.5 0.18	M 5	30 1.18	31 1.22	3 0.12	0.6 0.02	GN 311-30-M5-15-SW
48 1.89	B 22	B 25	15 0.59	M 5	6.5 0.26	5.5 0.22	M 6	35 1.38	36.5 1.44	3 0.12	0 0	GN 311-45-M5-16-SW
55 2.17	B 28	B 30	15 0.59	M 6	6.5 0.26	5.5 0.22	M 6	41.5 1.63	42.5 1.67	3 0.12	0.5 0.02	GN 311-45-M6-18-SW
60 2.36	B 32	B 35	15 0.59	M 6	6.5 0.26	5.5 0.22	M 6	46 1.81	47.5 1.87	4 0.16	0.4 0.02	GN 311-45-M6-19-SW
65 2.56	B 40	-	15 0.59	M 6	6.5 0.26	5.5 0.22	M 6	52.5 2.07	-	4 0.16	0.5 0.02	GN 311-45-M6-20-SW

Specification

- Body
 - Socket cap screw DIN 912
 - ISO Fundamental Tolerances
 - Stainless Steel Characteristics
 - RoHS compliant
- NI

Stainless steel AISI 316LHC
Sintered

Stainless steel AISI 304

→ Standard Parts Handbook page 2129

→ Standard Parts Handbook page 2143

Accessory

- Adjustable levers GN 311
 - Damping washers GN 7062.30
- page 22

→ page 24

Information

GN 7062.2 semi-split shaft collars with additional mounting holes allow axles to be attached to a housing, or wheels and washers to be installed on shafts.

These shaft collars can easily be assembled with a high clamping force via the clamping screw without causing damage to the surface of the shaft or axle.

For sizes d₁ = 30 to 36 mm, d₃ is a tapped through hole; for sizes d₁ = 42 mm and larger, d₃ is a tapped blind hole.

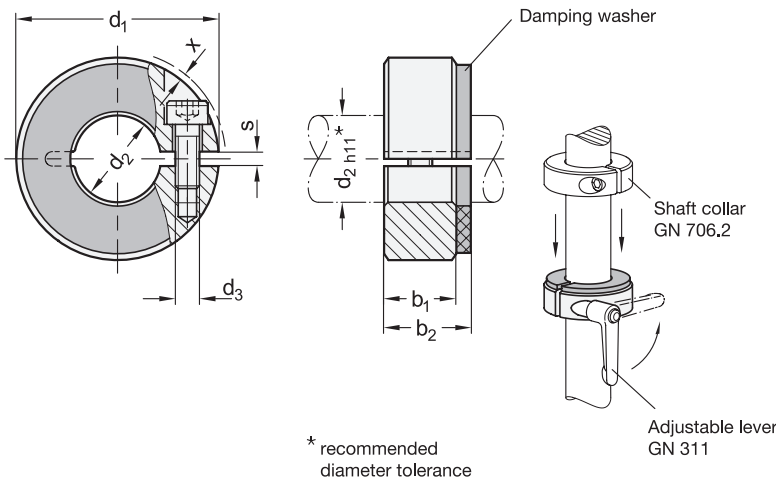
see also...

- Semi-Split Shaft Collars GN 706.2
- Split Shaft Collars GN 7072.2 (Stainless Steel, with Mounting Holes)

→ page 10

→ page 19

How to order	1	Outer diameter d ₁
	2	Bore d ₂
	3	Material
	4	Type



Metric table

1		2							Dimensions in: millimeters - inches	
d ₁		d ₂ H10		b ₁	b ₂	d ₃	s	x ≈ Max. protrusion of screw head	Part number adjustable lever for d ₃	
30	1.18	B 12	-	11	13	M 4	2.1	0.7	GN 311-30-M4-12-SW	
				0.43	0.51		0.08	0.03		
32	1.26	B 14	-	11	13	M 4	2.1	0.7	GN 311-30-M4-12-SW	
				0.43	0.51		0.08	0.03		
36	1.42	B 15	B 16	13	15	M 5	2.1	1.4	GN 311-30-M5-13-SW	
				0.51	0.59		0.08	0.06		
42	1.65	B 18	B 20	15	18	M 5	3	0.6	GN 311-30-M5-15-SW	
				0.59	0.71		0.12	0.02		
48	1.89	B 22	B 25	15	18	M 5	3	0	GN 311-45-M5-16-SW	
				0.59	0.71		0.12	0		
55	2.17	B 28	B 30	15	18	M 6	3	0.5	GN 311-45-M6-18-SW	
				0.59	0.71		0.12	0.02		
60	2.36	B 32	B 35	15	18	M 6	4	0.4	GN 311-45-M6-19-SW	
				0.59	0.71		0.16	0.02		
65	2.56	B 40	-	15	18	M 6	4	0.5	GN 311-45-M6-20-SW	
				0.59	0.71		0.16	0.02		

Specification

• Body

Stainless steel AISI 316LHC

Sintered

• Damping washer

Elastomer (PUR)

- 70 Shore A

- Temperature resistant up to 176 °F (80 °C)

- Transparent

• Socket cap screw DIN 912

Stainless steel AISI 304

• ISO Fundamental Tolerances

→ Standard Parts Handbook page 2129

• Plastic Characteristics

→ Standard Parts Handbook page 2135

• Stainless Steel Characteristics

→ Standard Parts Handbook page 2143

• RoHS compliant

NI

Information

The affixed damping washer of GN 7062.3 semi-split shaft collars absorbs mild shocks and has a sound-damping effect when the shaft collars come into contact with other components.

These shaft collars can easily be assembled with a high clamping force via the clamping screw without causing damage to the surface of the shaft or axle.

For sizes d₁ = 30 to 36 mm, d₃ is a tapped through hole; for sizes d₁ = 42 mm and larger, d₃ is a tapped blind hole.

see also...

• Semi-Split Shaft Collars GN 706.2 → page 10

• Split Shaft Collars GN 7072.3 (Stainless Steel, with Damping Washer) → page 20

Accessory

• Adjustable levers GN 311 → page 22

How to order

1

2

3

GN 7062.3-42-B18-NI

1

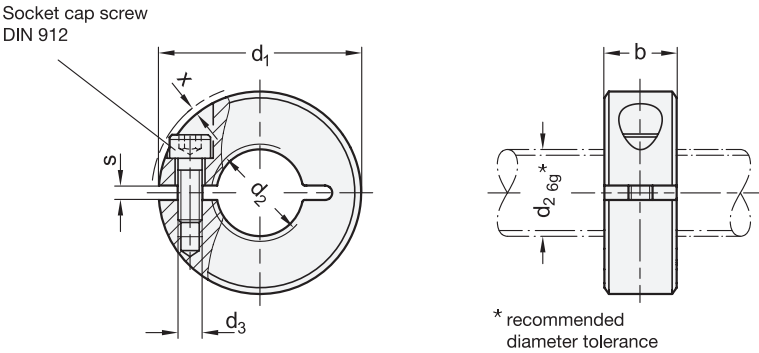
Outer diameter d₁

2

Bore d₂

3

Material



Metric table

12

Dimensions in: millimeters - inches							
d ₁	d ₂ 6H		b ±0.2	d ₃	s	x ≈ Max. protrusion of screw head	Part number adjustable lever for d ₃
20 0.79	M 8	M 8 x 1	9 0.35	M 3	2.1 0.08	1 0.04	-
22 0.87	M 10	M 10 x 1	9 0.35	M 3	2.1 0.08	0.8 0.03	-
26 1.02	M 12	M 12 x 1.5	11 0.43	M 4	2.1 0.08	1.6 0.06	-
32 1.26	M 16	M 16 x 1.5	11 0.43	M 4	2.1 0.08	0.7 0.03	GN 311-30-M4-12-SW
42 1.65	M 20	M 20 x 1.5	15 0.59	M 5	3 0.12	0.6 0.02	GN 311-30-M5-15-SW
48 1.89	-	M 24 x 1.5	15 0.59	M 5	3 0.12	0 0	GN 311-45-M5-16-SW
55 2.17	-	M 30 x 1.5	15 0.59	M 6	3 0.12	0.4 0.02	GN 311-45-M6-18-SW

Specification

- 3
- Steel

ST
- Body

Steel, sintered

Black steam oxidized

- Socket cap screw DIN 912

Steel, plain finish
- Stainless steel

NI
- Body

Stainless steel AISI 316LHC

Sintered

- Socket cap screw DIN 912

Stainless steel AISI 304
- Metric ISO Thread

→ Standard Parts Handbook page 2126
- Metric ISO Fine Pitch Thread

→ Standard Parts Handbook page 2124
- Stainless Steel Characteristics

→ Standard Parts Handbook page 2143
- RoHS compliant

Information

The outer dimensions of GN 706.3 threaded shaft collars correspond to the GN 706.2 semi-split shaft collars. However, the bore is tapped so that the shaft collar can be screwed on like a nut, for example to a threaded spindle in order to limit the adjustment range or the screw-in depth. Threaded shaft collars are clamped by reducing the slot height via the socket cap screw without damaging the thread on the spindle.

The GN 311 series adjustable lever is a great option for tool-free clamping.

For sizes d₁ = 20 to 32 mm, d₃ is a tapped through hole; for sizes d₁ = 42 mm and larger, d₃ is a tapped blind hole.

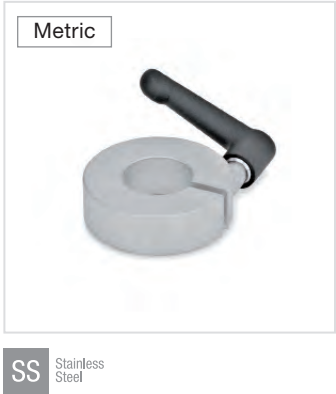
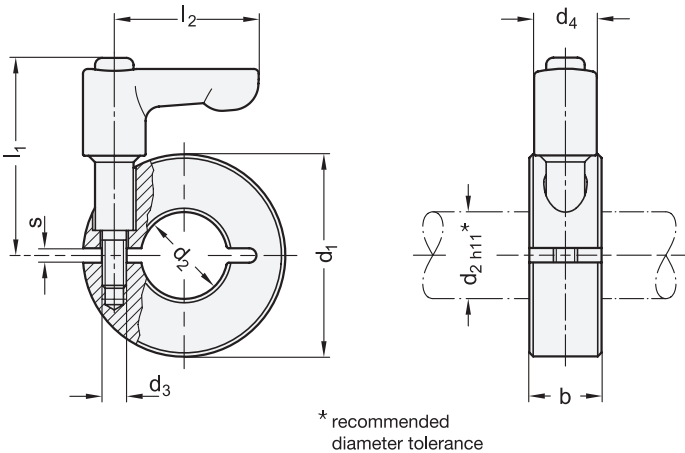
see also...

- Semi-Split Shaft Collars GN 706.2 → page 10

Accessory

- Adjustable levers GN 311 → page 22
- Damping washers GN 7062.30 → page 24

How to order		1	Outer diameter d ₁
		2	Thread d ₂
		3	Material
GN 706.3-42-M20x1.5-NI			



Metric table

1

2

Dimensions in: millimeters - inches

d ₁	d ₂ H10 Bore		b ±0.2	d ₃ Thread	d ₄	l ₁	l ₂	s
32 1.26	B 14	-	11 0.43	M 4	13 0.51	37 1.46	30 1.18	2.1 0.08
36 1.42	B 15	B 16	13 0.51	M 5	13 0.51	38.5 1.52	30 1.18	2.1 0.08
42 1.65	B 18	B 20	15 0.59	M 5	13 0.51	41 1.61	30 1.18	3 0.12
48 1.89	B 22	B 25	15 0.59	M 5	13 0.51	43 1.69	45 1.77	3 0.12
55 2.17	B 28	B 30	15 0.59	M 6	13 0.51	45 1.77	45 1.77	3 0.12
60 2.36	B 32	B 35	15 0.59	M 6	13 0.51	46.5 1.83	45 1.77	4 0.16
65 2.56	B 40	-	15 0.59	M 6	13 0.51	47.5 1.87	45 1.77	4 0.16

Specification

- 3
- Body
 - Steel **ST**
 - Sintered
 - Black steam oxidized
 - Stainless steel AISI 316LHC **NI**
 - Sintered
 - Aluminum **AL**
 - Turned, ground
 - Adjustable lever
 - Lever body
 - Zinc die-cast, powder coated
 - Black, RAL 9005, textured finish
 - Insert / retaining screw
 - Stainless steel AISI 303
 - ISO Fundamental Tolerances
 - Standard Parts Handbook page 2129
 - Stainless Steel Characteristics
 - Standard Parts Handbook page 2143
 - RoHS compliant

Information

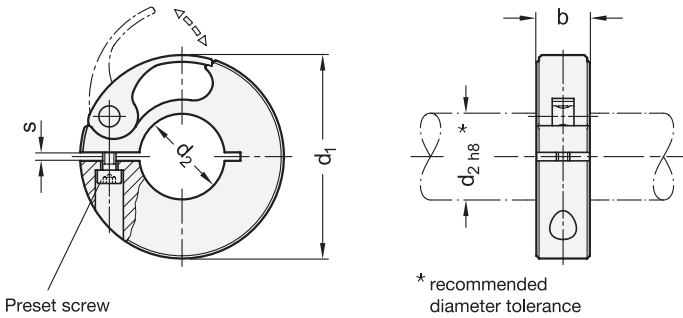
GN 706.4 semi-split shaft collars are typically used as an end stop, and can easily be assembled with a high clamping force via the adjustable lever without causing damage to the surface of the shaft or axle. Especially in applications that often require new positions of the shaft collar, this design offers great advantages without a need for additional tools.

For sizes d₁ = 32 and 36 mm, d₃ is a tapped through hole; for sizes d₁ = 42 mm and larger, d₃ is a tapped blind hole.

see also...

- Semi-Split Shaft Collars GN 706.2 (with Socket Cap Screw) → page 10

How to order	1 Outer diameter d ₁
GN 706.4-36-B16-AL	2 Bore d ₂
	3 Material



Inch table

1

2

Dimensions in: inches - *millimeters*

d ₁	d ₂				b	s	Tightening torque of the screw in Nm ≈	Axial load ≈	
								min.	max.
1.50 38	B 3/8	B 1/2	B 5/8		0.39 10	0.06 1.5	0.5	30 lbf 133.45 N	60 lbf 266.89 N
1.97 50	B 3/4	B 1.00	B 1 1/8		0.51 13	0.06 1.5	0.7	70 lbf 311.38 N	100 lbf 444.82 N
2.95 75	B 1 1/4	B 1 3/8	B 1 1/2		0.59 15	0.06 1.5	1.5	105 lbf 467.06 N	120 lbf 533.79 N

Metric table

1

2

Dimensions in: millimeters - *inches*

d ₁	d ₂								b	s	Tightening torque of the screw in Nm ≈	Axial load ≈	
												min.	max.
38 1.50	B 6	B 8	B 10	B 12	B 14	B 15	B 16		10 0.39	1.5 0.06	0.5	133 N 29.90 lbf	267 N 60.02 lbf
50 1.97	B 20	B 25	B 28	B 30	-	-	-		13 0.51	1.5 0.06	0.7	311 N 69.92 lbf	445 N 100 lbf
75 2.95	B 32	B 35	B 38	-	-	-	-		15 0.59	1.5 0.06	1.5	467 N 105 lbf	534 N 120 lbf
100 3.94	B 40	B 42	B 45	B 48	B 50	-	-		19 0.75	4.5 0.18	4.5	556 N 125 lbf	867 N 195 lbf
120 4.72	B 54	B 55	B 60	B 65	B 70	B 75	-		19 0.75	4.5 0.18	4.5	890 N 200 lbf	1379 N 310 lbf

Specification

- Body
Aluminum, black anodized finish
- Eccentric lever
Aluminum, yellow anodized finish
- ISO Fundamental Tolerances
→ *Standard Parts Handbook* page 2129
- RoHS compliant

Information

Unlike thrust bolts or clamping screws, GN 704 quick release shaft collars generate locking force on the shaft via an eccentric lever. This quick release design allows the collars to be set or adjusted rapidly and without tools. The aluminum design results in low mass inertia values.

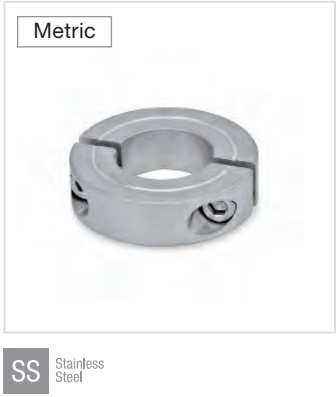
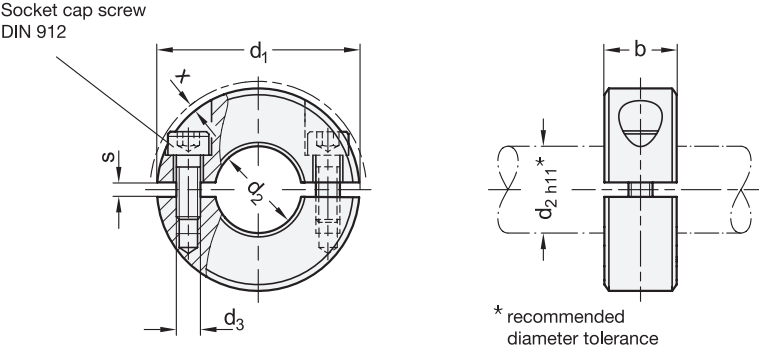
The specified tightening torque of the screw is a recommended value with which the collar clamped to a shaft (with closed eccentric lever) is capable of reaching the specified axial load capacity. The details on the axial load capacity are non-binding guidance values and do not constitute a warranty of characteristics.

Keeping the friction surface of the eccentric lever slightly greased will help to prolong the useful service life.

see also...

- *Semi-Split Shaft Collars GN 706.2 (with Socket Cap Screw)* → page 10


How to order (Inch) 1 2 GN 704-75-B11/4	1	Outer diameter d ₁
	2	Bore d ₂
How to order (Metric) 1 2 GN 704-38-B16	1	Outer diameter d ₁
	2	Bore d ₂



Metric table

12

Dimensions in: millimeters - inches

d ₁	d ₂		AL: H10 A4: E8		b ±0.2	d ₃	s		x ≈ Max. protrusion of screw head	Part number adjustable lever for d ₃
	ST / NI: H10						ST / NI / AL	A4		
16 0.63	B 4	B 5	-	-	9 0.35	M 3	2.1 0.08	-	1.2 0.05	-
20 0.79	B 6	-	B 6	-	9 0.35	M 3	2.1 0.08	1.6 0.06	1.2 0.05	-
22 0.87	B 8	-	B 8	-	9 0.35	M 3	2.1 0.08	1.6 0.06	1 0.04	-
26 1.02	B 10	-	B 10	-	11 0.43	M 4	2.1 0.08	1.6 0.06	1.6 0.06	-
30 1.18	B 12	-	B 12	-	11 0.43	M 4	2.1 0.08	1.6 0.06	0.7 0.03	GN 311-30-M4-12-SW
32 1.26	B 14	-	B 14	-	11 0.43	M 4	2.1 0.08	1.6 0.06	0.7 0.03	GN 311-30-M4-12-SW
36 1.42	B 15	B 16	B 15	B 16	13 0.51	M 5	2.1 0.08	1.6 0.06	1.4 0.06	GN 311-30-M5-13-SW
42 1.65	B 18	B 20	B 18	B 20	15 0.59	M 5	3 0.12	1.6 0.06	0.6 0.02	GN 311-30-M5-15-SW
48 1.89	B 22	B 25	B 22	B 25	15 0.59	M 5	3 0.12	1.6 0.06	0 0	GN 311-45-M5-16-SW
55 2.17	B 28	B 30	B 28	B 30	15 0.59	M 6	3 0.12	1.6 0.06	0.5 0.02	GN 311-45-M6-18-SW
60 2.36	B 32	B 35	B 32	B 35	15 0.59	M 6	4 0.16	1.6 0.06	0.4 0.02	GN 311-45-M6-19-SW
65 2.56	B 40	-	B 40	-	15 0.59	M 6	4 0.16	1.6 0.06	0.5 0.02	GN 311-45-M6-20-SW

Specification

- 3
- Steel body

ST

- Sintered (Distaloy AB)

- Black steam oxidized

- Socket cap screw DIN 912

Steel, plain finish
- Stainless steel body

NI

- Sintered, AISI 316LHC

- Socket cap screw DIN 912

Stainless steel A2
- Turned, AISI 316

A4

- Weldable

- Socket cap screw DIN 912

Stainless steel A4
- Aluminum body

AL

- Turned, tumbled

- Socket cap screw DIN 912

Stainless steel A2
- RoHS compliant

Information

GN 707.2 split shaft collars correspond dimensionally to the GN 706.2 semi-split set collars and are used when the collar cannot be slipped over a shaft.

These split shaft collars are typically used as an end stop, and can easily be assembled with a high clamping force via the clamping screw without causing damage to the surface of the shaft or axle.

For sizes d₁ = 16 to 36 mm, d₃ is a tapped through hole; for sizes d₁ = 42 mm and larger, d₃ is a tapped blind hole.

see also...

• Split Shaft Collars GN 7072.1 (Stainless Steel, with Tapped Attachment Holes) → page 18

• Split Shaft Collars GN 7072.2 (Stainless Steel, with Mounting Holes) → page 19

• Split Shaft Collars GN 7072.3 (Stainless Steel, with Damping Washer) → page 20

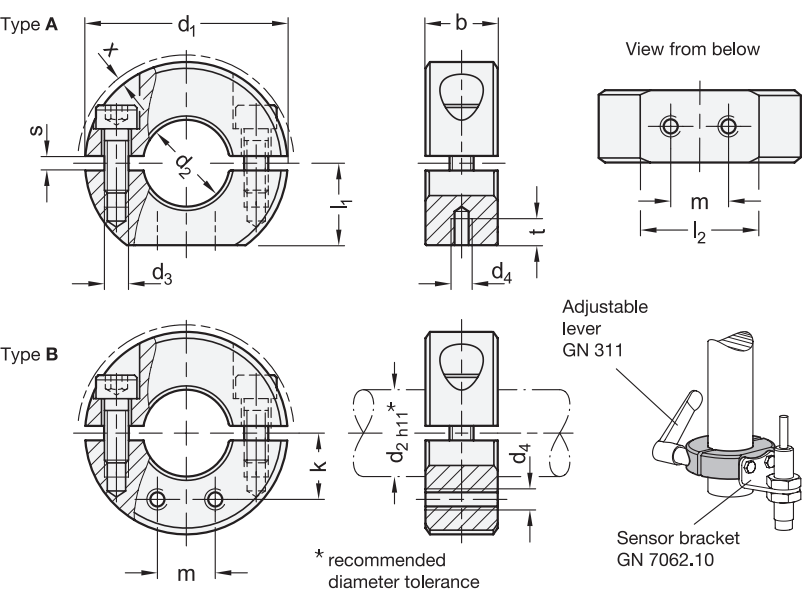
• Split Shaft Collars EN 707.5 (Plastic) → page 21

How to order

123

GN 707.2-22-B8-ST

1	Outer diameter d ₁
2	Bore d ₂
3	Material



SS Stainless Steel

4 Type

A Tapped attachment holes, radial

B Tapped attachment holes, axial

Metric table

d ₁	d ₂ H10		b ±0.2	d ₃ Thread	d ₄ Thread	l ₁	l ₂	m	k		s	t	x ≈ Max. protrusion of screw head	Part number adjustable lever for d ₃
	Bore series 1	2							Bore series 1	2				
30 1.18	B 12	-	11 0.43	M 4	M 3	13 0.51	15 0.59	8 0.31	9.7 0.38	-	2.1 0.08	4 0.16	0.7 0.03	GN 311-30-M4-12-SW
32 1.26	B 14	-	11 0.43	M 4	M 3	14 0.55	15.5 0.61	8 0.31	10.8 0.43	-	2.1 0.08	4 0.16	0.7 0.03	GN 311-30-M4-12-SW
36 1.42	B 15	B 16	13 0.51	M 5	M 4	15 0.59	19.9 0.78	10 0.39	11.7 0.46	12 0.47	2.1 0.08	5.5 0.22	1.4 0.06	GN 311-30-M5-13-SW
42 1.65	B 18	B 20	15 0.59	M 5	M 4	17 0.67	24.7 0.97	12 0.47	13.7 0.54	14.3 0.56	3 0.12	5.5 0.22	0.6 0.02	GN 311-30-M5-15-SW
48 1.89	B 22	B 25	15 0.59	M 5	M 4	20 0.79	26.5 1.04	12 0.47	16.4 0.65	17.2 0.68	3 0.12	5.5 0.22	0 0	GN 311-45-M5-16-SW
55 2.17	B 28	B 30	15 0.59	M 6	M 5	22.5 0.89	31.6 1.24	18 0.71	18.7 0.74	19.3 0.76	3 0.12	7 0.28	0.5 0.02	GN 311-45-M6-18-SW
60 2.36	B 32	B 35	15 0.59	M 6	M 5	25 0.98	33.2 1.31	18 0.71	21.2 0.83	22 0.87	4 0.16	7 0.28	0.4 0.02	GN 311-45-M6-19-SW
65 2.56	B 40	-	15 0.59	M 6	M 5	27.5 1.08	34.6 1.36	18 0.71	24.7 0.97	-	4 0.16	7 0.28	0.5 0.02	GN 311-45-M6-20-SW

Specification

- Body
- Stainless steel AISI 316LHC
- Sintered
- Socket cap screw DIN 912
- Stainless steel AISI 304
- ISO Fundamental Tolerances → Standard Parts Handbook page 2129
- Stainless Steel Characteristics → Standard Parts Handbook page 2143
- RoHS compliant

NI

Information

GN 7072.1 split shaft collars with tapped attachment holes allow GN 7062.10 sensor brackets and various other elements to be attached to the shaft collar.

These shaft collars can easily be assembled with a high clamping force via the clamping screw without causing damage to the surface of the shaft or axle. As compared to semi-split shaft collars, split shaft collars can also be assembled radially.

For sizes d₁ = 30 to 36 mm, d₃ is a tapped through hole; for sizes d₁ = 42 mm and larger, d₃ is a tapped blind hole.

see also...

- Semi-Split Shaft Collars GN 7062.1 (Stainless Steel, with Tapped Attachment Holes) → page 11

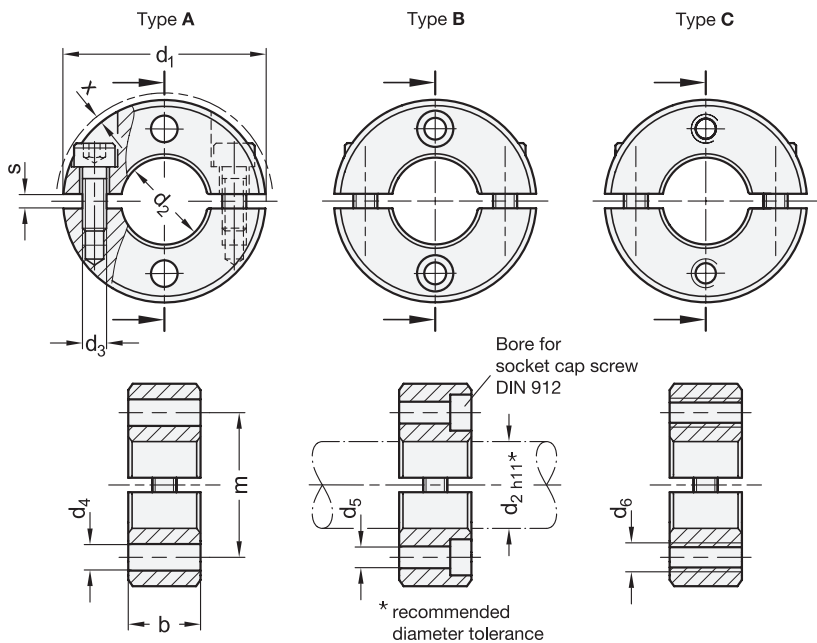
- Accessory
- Adjustable levers GN 311 → page 22
 - Sensor brackets GN 7062.10 → page 23
 - Damping washers GN 7072.30 → page 24

How to order

1 2 3 4

GN 7072.1-42-B18-NI-A

1	Outer diameter d ₁
2	Bore d ₂
3	Material
4	Type



- SS

Stainless Steel
- 4


Type
- A

With two plain holes
- B

With two countersunk holes for socket cap screws
- C

With two tapped holes

Metric table

1	2											Dimensions in: millimeters - <i>inches</i>	
d ₁	d ₂ H10		b ±0.2	d ₃	d ₄	d ₅	d ₆	m		s	x ≈ Max. protrusion of screw head	Part number adjustable lever for d ₃ 	
	Bore series 1	2						Bore series 1	2				
30 <i>1.18</i>	B 12	-	11 <i>0.43</i>	M 4	4.5 <i>0.18</i>	3.5 <i>0.14</i>	M 4	21 <i>0.83</i>	-	2.1 <i>0.08</i>	0.7 <i>0.03</i>	GN 311-30-M4-12-SW	
32 <i>1.26</i>	B 14	-	11 <i>0.43</i>	M 4	4.5 <i>0.18</i>	3.5 <i>0.14</i>	M 4	23 <i>0.91</i>	-	2.1 <i>0.08</i>	0.7 <i>0.03</i>	GN 311-30-M4-12-SW	
36 <i>1.42</i>	B 15	B 16	13 <i>0.51</i>	M 5	5.5 <i>0.22</i>	4.5 <i>0.18</i>	M 5	25.5 <i>1.00</i>	26 <i>1.02</i>	2.1 <i>0.08</i>	1.4 <i>0.06</i>	GN 311-30-M5-13-SW	
42 <i>1.65</i>	B 18	B 20	15 <i>0.59</i>	M 5	5.5 <i>0.22</i>	4.5 <i>0.18</i>	M 5	30 <i>1.18</i>	31 <i>1.22</i>	3 <i>0.12</i>	0.6 <i>0.02</i>	GN 311-30-M5-15-SW	
48 <i>1.89</i>	B 22	B 25	15 <i>0.59</i>	M 5	6.5 <i>0.26</i>	5.5 <i>0.22</i>	M 6	35 <i>1.38</i>	36.5 <i>1.44</i>	3 <i>0.12</i>	0 <i>0</i>	GN 311-45-M5-16-SW	
55 <i>2.17</i>	B 28	B 30	15 <i>0.59</i>	M 6	6.5 <i>0.26</i>	5.5 <i>0.22</i>	M 6	41.5 <i>1.63</i>	42.5 <i>1.67</i>	3 <i>0.12</i>	0.5 <i>0.02</i>	GN 311-45-M6-18-SW	
60 <i>2.36</i>	B 32	B 35	15 <i>0.59</i>	M 6	6.5 <i>0.26</i>	5.5 <i>0.22</i>	M 6	46 <i>1.81</i>	47.5 <i>1.87</i>	4 <i>0.16</i>	0.4 <i>0.02</i>	GN 311-45-M6-19-SW	
65 <i>2.56</i>	B 40	-	15 <i>0.59</i>	M 6	6.5 <i>0.26</i>	5.5 <i>0.22</i>	M 6	52.5 <i>2.07</i>	-	4 <i>0.16</i>	0.5 <i>0.02</i>	GN 311-45-M6-20-SW	

Specification

- Body

Stainless steel AISI 316LHC

Sintered
- Socket cap screw DIN 912

Stainless steel AISI 304
- ISO Fundamental Tolerances

→ Standard Parts Handbook page 2129
- Stainless Steel Characteristics

→ Standard Parts Handbook page 2143
- RoHS compliant

Accessory

- Adjustable levers GN 311 → page 22
- Damping washers GN 7062.30 → page 24

Information

GN 7072.2 split shaft collars with additional mounting holes allow axles to be attached to a housing, or wheels and washers to be installed on shafts.

These shaft collars can easily be assembled with a high clamping force via the clamping screw without causing damage to the surface of the shaft or axle. As compared to semi-split shaft collars, split shaft collars can also be assembled radially.

For sizes d₁ = 30 to 36 mm, d₃ is a tapped through hole; for sizes d₁ = 42 mm and larger, d₃ is a tapped blind hole.

see also...

• Semi-Split Shaft Collars GN 7062.2 (Stainless Steel, with Mounting Holes) → page 12

• Split Shaft Collars GN 707.2 → page 17

How to order	1	Outer diameter d ₁
	2	Bore d ₂
	3	Material
	4	Type

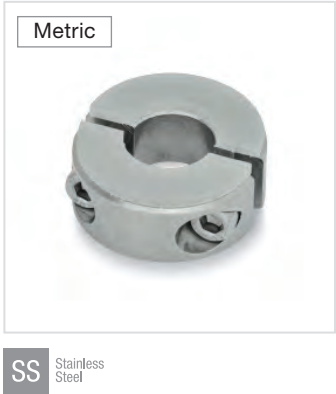
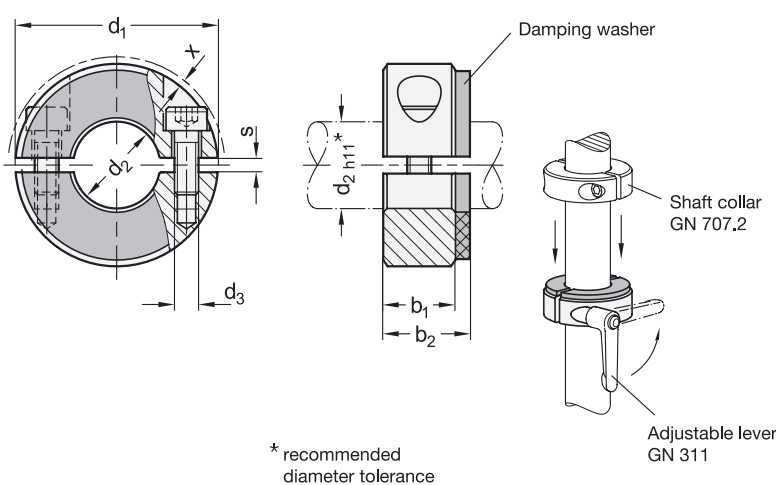
1

2

3

4

GN 7072.2-42-B18-NI-B



Metric table

1

2

Dimensions in: millimeters - inches

d ₁	d ₂ H10 Bore		b ₁	b ₂	d ₃ Thread	s	x ≈ Max. protrusion of screw head	Part number adjustable lever for d ₃
30 1.18	B 12	-	11 0.43	13 0.51	M 4	2.1 0.08	0.7 0.03	GN 311-30-M4-12-SW
32 1.26	B 14	-	11 0.43	13 0.51	M 4	2.1 0.08	0.7 0.03	GN 311-30-M4-12-SW
36 1.42	B 15	B 16	13 0.51	15 0.59	M 5	2.1 0.08	1.4 0.06	GN 311-30-M5-13-SW
42 1.65	B 18	B 20	15 0.59	18 0.71	M 5	3 0.12	0.6 0.02	GN 311-30-M5-15-SW
48 1.89	B 22	B 25	15 0.59	18 0.71	M 5	3 0.12	0 0	GN 311-45-M5-16-SW
55 2.17	B 28	B 30	15 0.59	18 0.71	M 6	3 0.12	0.5 0.02	GN 311-45-M6-18-SW
60 2.36	B 32	B 35	15 0.59	18 0.71	M 6	4 0.16	0.4 0.02	GN 311-45-M6-19-SW
65 2.56	B 40	-	15 0.59	18 0.71	M 6	4 0.16	0.5 0.02	GN 311-45-M6-20-SW

Specification

- 3

NI
- Body
Stainless steel AISI 316LHC
Sintered
 - Damping washer
Elastomer (PUR)
- 70 shore A
- Temperature resistant up to 176 °F (80 °C)
- Transparent
 - Socket cap screw DIN 912
Stainless steel AISI 304
 - ISO Fundamental Tolerances
→ Standard Parts Handbook page 2129
 - Plastic Characteristics
→ Standard Parts Handbook page 2135
 - Stainless Steel Characteristics
→ Standard Parts Handbook page 2143
 - RoHS compliant

Information

The affixed damping washer of GN 7072.3 split shaft collars absorbs mild shocks and has a sound-damping effect when the shaft collars come into contact with other components.

These shaft collars can easily be assembled with a high clamping force via the clamping screw without causing damage to the surface of the shaft or axle. As compared to semi-split shaft collars, split shaft collars can also be assembled radially.

For sizes d₁ = 30 to 36 mm, d₃ is a tapped through hole; for sizes d₁ = 42 mm and larger, d₃ is a tapped blind hole.

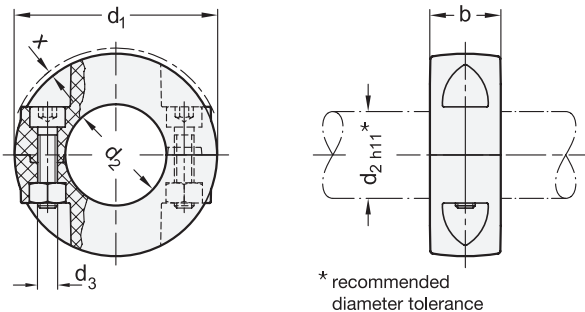
see also...

- Semi-Split Shaft Collars GN 7062.3 (Stainless Steel, with Damping Washer) → page 13
- Split Shaft Collars GN 707.2 → page 17

Accessory

- Adjustable levers GN 311 → page 22
- Damping washers GN 7072.30 → page 24

How to order		1	Outer diameter d ₁
GN 7072.3-42-B18-NI		2	Bore d ₂
		3	Material



Metric table

1

2

d ₁	d ₂			b	d ₃	x ≈ Max. protrusion of screw head	Max. recommended tightening torque in Nm
35 1.38	B 12	B 14	B 16	13 0.51	M 4	1 0.04	2
40 1.57	B 18	B 20	-	14 0.55	M 4	0.75 0.03	2
50 1.97	B 22	B 25	B 30	14 0.55	M 5	2.4 0.09	3
65 2.56	B 35	B 40	-	14 0.55	M 5	0.2 0.01	3

Dimensions in: millimeters - inches

Specification

- 3
- Body
Plastic
Technopolymer (Polyamide PA)
 - Glass fiber reinforced
 - Temperature resistant up to 176 °F (80 °C)
 - Black-gray, matte finish
 - Socket cap screw DIN 912
Stainless steel AISI 316L
 - Hex nut DIN 934
Stainless steel AISI 316L
 - ISO Fundamental Tolerances
→ Standard Parts Handbook page QVX
 - Stainless Steel Characteristics
→ Standard Parts Handbook page QVX
 - RoHS compliant

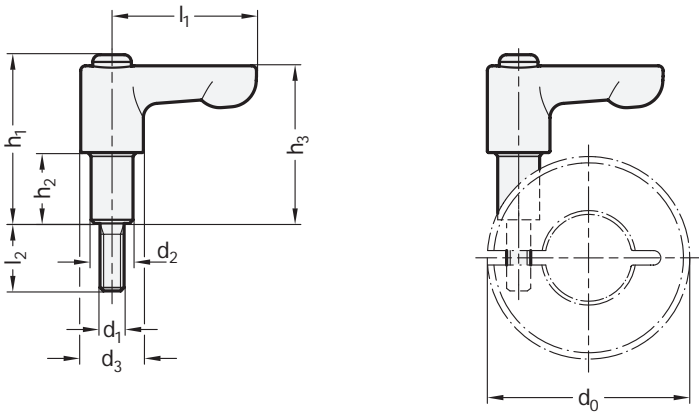
Information

EN 707.5 split shaft collars have been designed for mounting in a radial direction on round cross-sections such as shafts or axles and are used as an end stop. They can easily be assembled via the clamping screw, whereby the surface is particularly protected by the plastic.

When used with stainless steel screws and nuts, the plastic elements of these shaft collars are particularly suitable for use in corrosive conditions.

Due to the material used, their mass inertia is very low.

How to order	1	Outer diameter d ₁
EN 707.5-35-B14-SG	2	Bore d ₂
	3	Color



Metric table

1

2

3

Dimensions in: millimeters - inches

d ₀ = Shaft collar Ø d ₁		l ₁	d ₁	h ₂	d ₂	d ₃	l ₂	h ₁	h ₃
30	32	30	M 4	12	7.2	13	12	32	30
1.18	1.26	1.18		0.47	0.28	0.51	0.47	1.26	1.18
36	-	30	M 5	13	8.7	13	14	33.5	31
1.42		1.18		0.51	0.34	0.51	0.55	1.32	1.22
42	-	30	M 5	15	8.7	13	14	35	33
1.65		1.18		0.59	0.34	0.51	0.55	1.38	1.30
48	-	45	M 5	16	8.7	13	16	36.5	34
1.89		1.77		0.63	0.34	0.51	0.63	1.44	1.34
55	-	45	M 6	18	10	13	16	38.5	36
2.17		1.77		0.71	0.39	0.51	0.63	1.52	1.42
60	-	45	M 6	19	10	13	16	39.5	37
2.36		1.77		0.75	0.39	0.51	0.63	1.56	1.46
65	-	45	M 6	20	10	13	18	40.5	38
2.56		1.77		0.79	0.39	0.51	0.71	1.59	1.50

Specification

- 4

• Lever body

Zinc die-cast, powder coated

Black, RAL 9005, textured finish

● SW
- Threaded stud
- Stainless steel AISI 303
- Retaining screw
- Stainless steel AISI 304
- Stainless Steel Characteristics
- Standard Parts Handbook page 2143
- RoHS compliant

Information

For shaft collars of the series GN 706... and GN 707..., the GN 311 adjustable lever replaces the DIN 912 socket cap screw. The lever allows the shaft collars to be adjusted easily and quickly without tools.

The table of dimensions of these shaft collars shows the suitable adjustable lever for the respective shaft collar size d₁.

Semi-split shaft collars GN 706.2 including adjustable lever are available under GN 706.4.

see also...

- Semi-Split Shaft Collars GN 706.2 → page 10
- Split Shaft Collars GN 707.2 → page 17

How to order

1

2

3

4

GN 311-30-M5-15-SW

1

Lever length l₁

2

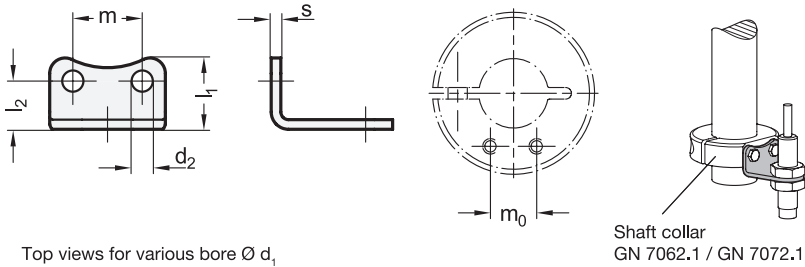
Thread d₁

3

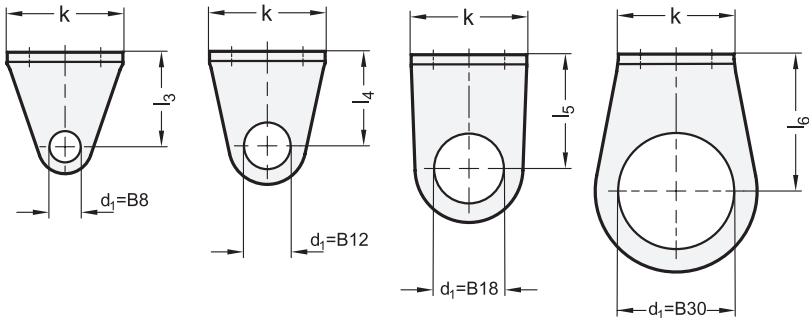
Height h₂

4

Color



Top views for various bore Ø d₁



SS Stainless Steel

3 Type

L Angled

Metric table

1

2

m ₀	d ₁ +0.1 Bore				k	d ₂	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	m	s
8 0.31	B 8	B 12	-	-	14 0.55	3.5 0.14	13 0.51	9.5 0.37	15 0.59	19 0.75	-	-	8 0.31	2 0.08
10 0.39	B 8	B 12	B 18	-	18 0.71	4.5 0.18	14.5 0.57	10.5 0.41	19 0.75	24.5 0.96	29.5 1.16	-	10 0.39	2 0.08
12 0.47	B 8	B 12	B 18	B 30	23 0.91	4.5 0.18	17 0.67	12.5 0.49	19 0.75	24.5 0.96	29.5 1.16	35.5 1.40	12 0.47	2.5 0.10
18 0.71	B 8	B 12	B 18	B 30	30 1.18	5.5 0.22	18.5 0.73	12.5 0.49	24.5 0.96	24.5 0.96	29.5 1.16	35.5 1.40	18 0.71	2.5 0.10

Dimensions in: millimeters - inches

Specification

- Stainless steel AISI 304
Matte shot-blasted finish
- Stainless Steel Characteristics
→ Standard Parts Handbook page 2143
- RoHS compliant

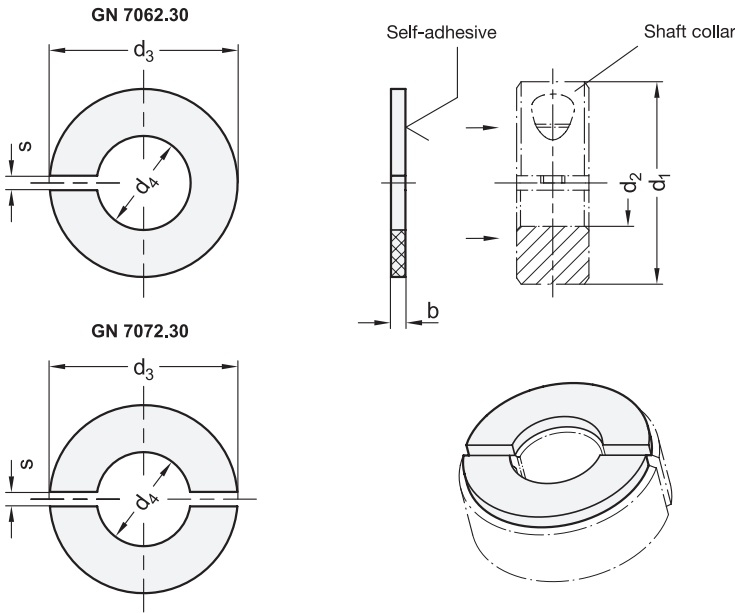
Information

GN 7062.10 sensor brackets are designed for holding sensors that are attached with two lock nuts. The bores d₂ match the tapped attachment holes of GN 7062.1 / GN 7072.1 shaft collars and facilitate an axial or radial positioning of the sensors.

see also...

- Semi-Split Shaft Collars GN 7062.1 (Stainless Steel, with Tapped Attachment Holes) → page 11
- Split Shaft Collars GN 7072.1 (Stainless Steel, with Tapped Attachment Holes) → page 18

How to order	1 Bore d ₁
GN 7062.10-B18-30-L	2 Width k
	3 Type



Metric table

1

2

Dimensions in: millimeters - inches

Dimensions of shaft collars			Dimensions of damping washers				
d ₁	d ₂ Bore series		d ₃	d ₄ Bore series		b ±0.2	s
	1	2		1	2		
30 1.18	B 12	-	28 1.10	13 0.51	-	2 0.08	2.1 0.08
32 1.26	B 14	-	30 1.18	15 0.59	-	2 0.08	2.1 0.08
36 1.42	B 15	B 16	34 1.34	16 0.63	17 0.67	2 0.08	2.1 0.08
42 1.65	B 18	B 20	39 1.54	19.5 0.77	21.5 0.85	3 0.12	3 0.12
48 1.89	B 22	B 25	45 1.77	23.5 0.93	26.5 1.04	3 0.12	3 0.12
55 2.17	B 28	B 30	52 2.05	29.5 1.16	31.5 1.24	3 0.12	3 0.12
60 2.36	B 32	B 35	57 2.24	33.5 1.32	36.5 1.44	3 0.12	4 0.16
65 2.56	B 40	-	62 2.44	41.5 1.63	-	3 0.12	4 0.16

Specification

- Washer
 - Elastomer (PUR)
 - 70 shore A
 - Temperature resistant up to 176 °F (80 °C)
 - Transparent
- Adhesive film
 - Acrylate dispersion, solvent-free
 - Strong adhesion
- Plastic Characteristics
 - Standard Parts Handbook page 2135
- RoHS compliant

Information

GN 7062.30 and GN 7072.30 damping washers are designed as accessories for semi-split shaft collars / split shaft collars and are attached with the help of an adhesive film, preferably on the groove-less side of the shaft collar. They absorb mild shocks and have a sound-damping effect when the shaft collars come into contact with other components.

In general, after removing the protective film, the damping washers can be attached to any suitable and clean surface.

GN 7062.3 semi-split shaft collars (→ page 13) and GN 7072.3 split shaft collars (→ page 20) are generally offered with assembled damping washers.

How to order (For semi-split shaft collars)	1	Outer diameter d ₁
	2	Bore d ₂
GN 7062.30-42-B18		

How to order (For split shaft collars)	1	Outer diameter d ₁
	2	Bore d ₂
GN 7072.30-60-B35		

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