

# Mounting components

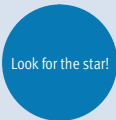


★ / ☆ Festo core product range  
Covers 80% of your automation tasks

Worldwide: Always in stock  
Superb: Festo quality at an attractive price  
Easy: Reduces procurement and storing complexity



















★ Ready for dispatch from the Festo factory in 24 hours  
Held in stock in 13 service centres worldwide  
More than 2200 products

☆ Ready for dispatch in 5 days maximum from stock  
Assembled for you in 4 service centres worldwide  
Up to 6 x 10<sup>12</sup> variants per product series







# Mounting components

Selection aid









Mounting components											
Possible combinations	Swivel flange										
	SNC	SNCB	SNCS	SNG	SNGB	SUA	SZB	SZSB	SNCL	→ Page/ Internet	
											
Clevis foot											
LBN		-	-	-	-	-	■	-	■	■	LEERER MERKER
LN		-	■	-	-	■	■	■	-	-	LEERER MERKER
LNG		-	■	-	-	■	-	-	-	-	LEERER MERKER
LBG		-	-	■	-	-	-	-	-	-	LEERER MERKER
LSN		-	■	-	-	■	■	-	-	-	LEERER MERKER
LSNG		■	-	-	■	-	-	-	-	-	LEERER MERKER
LSNSG		■	-	-	■	-	-	-	-	-	LEERER MERKER
LQG <sup>1)</sup>		-	-	-	-	-	-	-	-	-	LEERER MERKER
Threaded bolt											
GBS		For swivel mounting of drives – DSEU, ESEU (∅ 50/63 mm)									13


1) Can be combined with rod eye SGS → [www.festo.com](http://www.festo.com).










Possible combinations	Trunnion flange		Trunnion mounting kit	→ Page/ Internet	
	ZNCF	ZNG	DAMT		
					
Trunnion supports					
LNZG		■	■	■	LEERER MERKER

# Mounting components

Selection aid

Mounting components – Stainless steel						→ Page/Internet
Possible combinations	Swivel flange		Swivel flange	Trunnion flange		
	SNCB-R3	SNCL-R3	SNCS-R3	CRZNG		
						
Clevis foot						
<b>CRLBN</b>		-	■	-	-	LEERER MERKER
<b>CRLNG</b>		■	-	-	-	LEERER MERKER
<b>LBG-R3</b>		-	-	■	-	LEERER MERKER
Trunnion supports						
<b>CRLNZG</b>		-	-	-	■	LEERER MERKER

Mounting components – Stainless steel			→ Page/Internet
	Description		
Clevis foot			
<b>CRLBN</b>	 For swivel mounting of drives – CRDSNU (∅ 12 ... 25 mm)		LEERER MERKER

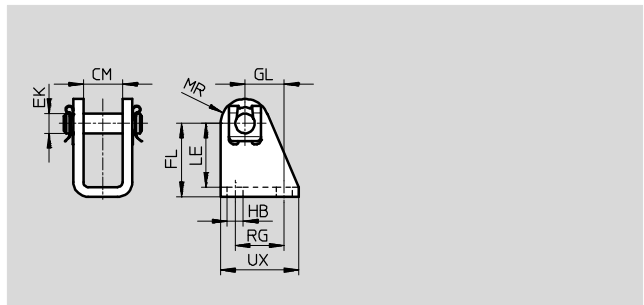
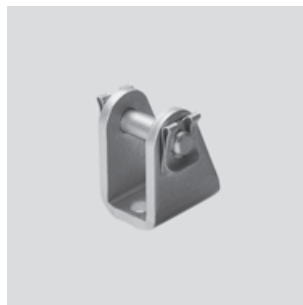
Mounting accessories			→ Page/Internet
	Description		
Slot nut			
<b>NST</b>	 For profile slots in linear units, drives and axes as well as passive guide axes		14
<b>NST-HMV</b>	 For multi-axis systems		14
<b>NSTL</b>	 For slides in linear drives and axes as well as passive guide axes		15
<b>NSTH</b>	 For slides in heavy-duty guides HD		15
Centring pin			
<b>ZBS</b>	 For device interfaces on drives, axes and grippers		16
Centring sleeve			
<b>ZBH</b>	 For device interfaces on drives, axes and grippers		16
Connector sleeve			
<b>ZBV</b>	 For device interfaces on drives, axes and grippers		17
Central mounting			
<b>SLZZ</b>	 For device interfaces on drives and axes		18
Slot cover			
<b>ABP</b>	 For mounting and sensor slots		18

# Clevis feet LBN/CRLBN

Technical data

## Clevis foot LBN

Material:  
Galvanised steel  
Free of copper and PTFE  
RoHS-compliant

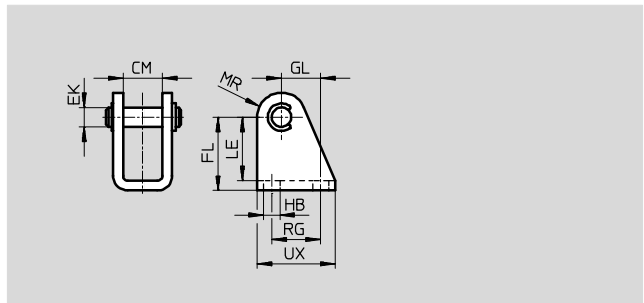


Dimensions and ordering data													
For Ø	CM	EK Ø	FL	GL	HB Ø	LE	MR	RG	UX	CRC <sup>1)</sup>	Weight [g]	Part No.	Type
[mm]													
8/10	8.1	4	24 +0.3/-0.2	13.8	4.5	21.5	5	12.5	20	1	20	<b>6057</b>	<b>LBN-8/10</b>
12/16	12.1	6	27 +0.3/-0.2	13	5.5	24	7	15	25	1	40	★ <b>6058</b>	<b>LBN-12/16</b>
20/25	16.1	8	30 +0.4/-0.2	16	6.6	26	10	20	32	1	84	★ <b>6059</b>	<b>LBN-20/25</b>
32	16.1	10	35 +0.4/-0.2	18.5	6.6	31	11	24	35	1	110	<b>195860</b>	<b>LBN-32</b>
40	18.1	12	40 +0.4/-0.2	24.5	9	35	13	30	45	1	191	<b>195861</b>	<b>LBN-40</b>
50/63	21.1	16	45 +0.5/-0.2	28	9	39	14	34	50	1	300	<b>195862</b>	<b>LBN-50/63</b>

1) Corrosion resistance class CRC 1 to Festo standard FN 940070  
Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).

## Clevis foot CRLBN, stainless steel

Material:  
High-alloy steel  
Free of copper and PTFE  
RoHS-compliant



Dimensions and ordering data													
For Ø	CM	EK Ø	FL	GL	HB	LE	MR	RG	UX	CRC <sup>1)</sup>	Weight [g]	Part No.	Type
[mm]													
12/16	12.1	6	27 +0.3/-0.2	13	5.5	24	7	15	25	4	39	<b>161862</b>	<b>CRLBN-12/16</b>
20/25	16.1	8	30 +0.4/-0.2	16	6.6	26	10	20	32	4	82	<b>161863</b>	<b>CRLBN-20/25</b>
32	16.1	10	35 +0.4/-0.2	18.5	6.6	31	11	24	35	4	106	<b>195866</b>	<b>CRLBN-32</b>
40	18.1	12	40 +0.4/-0.2	24.5	9	35	13	30	45	4	185	<b>195867</b>	<b>CRLBN-40</b>
50/63	21.1	16	45 +0.5/-0.2	28	9	39	14	34	50	4	293	<b>195868</b>	<b>CRLBN-50/63</b>

1) Corrosion resistance class CRC 4 to Festo standard FN 940070  
Particularly high corrosion stress. Outdoor exposure under extreme corrosive conditions. Parts exposed to aggressive media, for instance in the chemical or food industries. These applications may need to be supported by special tests (→ also FN 940082) using appropriate media.

Festo core product range

- ★ Ready for dispatch from the Festo factory in 24 hours
- ☆ Ready for dispatch in 5 days maximum from stock

# Clevis feet LN

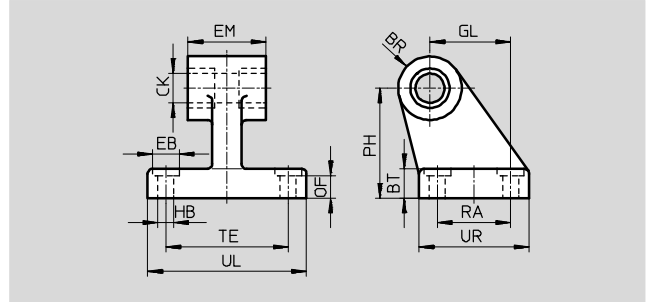
Technical data

FESTO

## Clevis foot LN

Material:

- Ø 32 ... 50: High-alloy steel
- Ø 63 ... 320: Nodular graphite cast iron
- Free of copper and PTFE
- RoHS-compliant



Dimensions and ordering data																	
For Ø	BR	BT	CK	EB	EM	GL	HB	OF	PH	RA	TE	UL	UR	CRC <sup>1)</sup>	Weight	Part No.	Type
[mm]			Ø	Ø			Ø								[g]		
			H9	H13			H13										
32	10	8	10 H9	–	25.8 <sup>-0.4</sup>	21	5.5	–	32	18	38	51	31	2	149	<b>5147</b>	<b>LN-32</b>
40	11	10	12 H9	–	27.8 <sup>-0.4</sup>	24	5.5	–	36	22	41	54	35	2	192	<b>5148</b>	<b>LN-40</b>
50	12	12	12 H9	–	31.8 <sup>-0.4</sup>	33	6.6	–	45	30	50	65	45	2	323	<b>5149</b>	<b>LN-50</b>
63	14.5	12	16 H8	15	40 c11	37	6.6	10.8	50	35	52	67	51	1	545	<b>5150</b>	<b>LN-63</b>
80	14.5	14	16 H8	20	50 c11	47	9	12.7	63	40	66	86	60	1	877	<b>5151</b>	<b>LN-80</b>
100	18.5	15	20 H8	20	60 c11	55	9	13.7	71	50	76	96	70	1	1234	<b>5152</b>	<b>LN-100</b>
125	22	20	25 H8	20	70 c11	70	11	18.6	90	60	94	124	90	1	2632	<b>9036</b>	<b>LN-125</b>
160	31	25	30 H8	20	90 c11	97	14	23.6	115	88	118	156	126	1	6234	<b>9037</b>	<b>LN-160</b>
200	31	30	30 H8	26	90 c11	105	16	28.5	135	90	122	162	130	1	8678	<b>9038</b>	<b>LN-200</b>
250	38.5	35	40 H8	33	110 c11	128	22	33.5	165	110	150	200	160	1	14385	<b>9039</b>	<b>LN-250</b>
320	44.5	40	45 H8	40	120 c11	150	26	38.3	200	122	170	234	186	1	22404	<b>9040</b>	<b>LN-320</b>

1) Corrosion resistance class CRC 1 to Festo standard FN 940070

Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).

Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

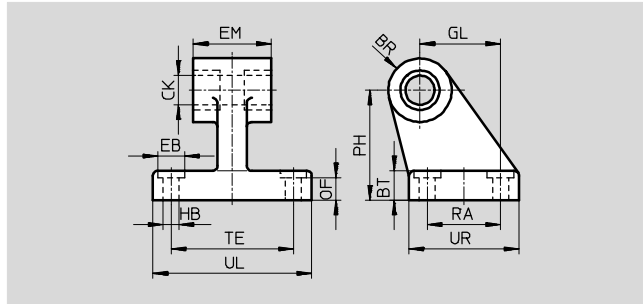
# Clevis feet LNG/CRLNG

Technical data

## Clevis foot LNG

Material:

- Ø 32 ... 50: High-alloy steel
- Ø 63 ... 200: Nodular graphite cast iron
- Free of copper and PTFE
- RoHS-compliant



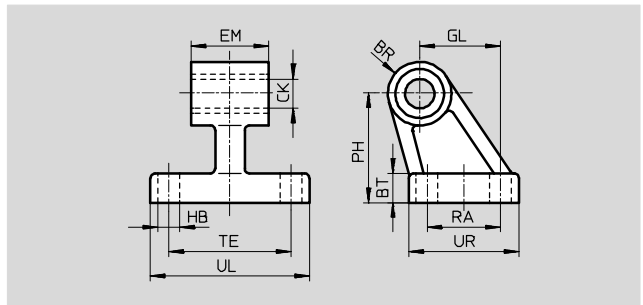
Dimensions and ordering data																	
For Ø	BR	BT	CK	EB	EM	GL	HB	OF	PH	RA	TE	UL	UR	CRC <sup>1)</sup>	Weight	Part No.	Type
[mm]			Ø D11	Ø H13			Ø H13								[g]		
32	10	8	10	-	25.8 -0.4	21	6.6	-	32	18	38	51	31	2	133	★ 33890	LNG-32
40	11	10	12	-	27.8 -0.4	24	6.6	-	36	22	41	54	35	2	161	★ 33891	LNG-40
50	12	12	12	-	31.8 -0.4	33	9	-	45	30	50	65	45	2	281	★ 33892	LNG-50
63	15	12	16	15	40 c11	37	9	10.8	50	35	52	67	50	1	486	★ 33893	LNG-63
80	15	14	16	18	50 c11	47	11	12.7	63	40	66	86	60	1	805	★ 33894	LNG-80
100	19	15	20	18	60 c11	55	11	13.7	71	50	76	96	70	1	1141	33895	LNG-100
125	22	20	25	20	70 c11	70	14	18.6	90	60	94	124	90	1	2545	33896	LNG-125
200	31	30	30	26	90 c11	105	18	28.5	135	90	122	162	130	1	8630	33898	LNG-200

- 1) Corrosion resistance class CRC 1 to Festo standard FN 940070  
 Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).  
 Corrosion resistance class CRC 2 to Festo standard FN 940070  
 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

## Clevis foot CRLNG, stainless steel

Material:

- Special steel casting
- Free of copper and PTFE



Dimensions and ordering data																
For Ø	BR	BT	CK	EM	GL	HB	PH	RA	TE	UL	UR	CRC <sup>1)</sup>	Weight	Part No.	Type	
[mm]			Ø D11	-0.4		Ø H13							[g]			
32	10	8	10	25.8	21	6.6	32	18	38	51	31	4	133	161840	CRLNG-32	
40	11	10	12	27.8	24	6.6	36	22	41	54	35	4	161	161841	CRLNG-40	
50	12	12	12	31.8	33	9	45	30	50	65	45	4	281	161842	CRLNG-50	
63	15	12	16	39.8	37	9	50	35	52	67	50	4	370	161843	CRLNG-63	
80	15	14	16	49.8	47	11	63	40	66	86	60	4	562	161844	CRLNG-80	
100	19	15	20	59.8	55	11	71	50	76	96	70	4	915	161845	CRLNG-100	
125	22	20	25	69.8	70	14	90	60	94	124	90	4	2539	176951	CRLNG-125	

- 1) Corrosion resistance class CRC 4 to Festo standard FN 940070  
 Particularly high corrosion stress. Outdoor exposure under extreme corrosive conditions. Parts exposed to aggressive media, for instance in the chemical or food industries. These applications may need to be supported by special tests (→ also FN 940082) using appropriate media.

Festo core product range ★ Ready for dispatch from the Festo factory in 24 hours  
 ★ Ready for dispatch in 5 days maximum from stock

# Clevis feet LBG

Technical data

## Clevis foot LBG/LBG-...-R3

The pivot pin is secured against rotation with a dowel pin.

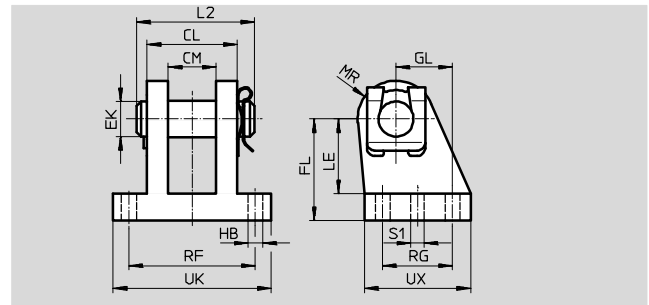
Material:

Ø 32 ... 63: Special steel casting  
 Ø 80 ... 125: Nodular graphite cast iron

LBG-...-R3: High-alloy stainless steel

Free of copper and PTFE

RoHS-compliant



Dimensions and ordering data														
For Ø	CL	CM	EK Ø	FL	GL	HB Ø	L2	LE	MR	RF	RG	S1 Ø	UK	UX
[mm]														
32	28	14.1	10	32	16	6.8	35	24	12	42	20	4.8	56	36
40	30	16.1	12	36	20	6.8	39	26	14	44	26	5.8	58	41.5
50	40	21.1	16	45	25	9.2	50	33	15	56	31	5.8	70	47
63	40	21.1	16	50	25	9.2	50	38	17	56	31	7.8	70	49
80	50	25.1	20	63	30	11	60	49	17	70	36	7.8	89	55
100	50	25.1	20	71	41	11	60	56	20	70	46	9.8	89	65
125	80	37.2	30	90	60	14	89	70	25	106	70	11.8	128	96

Basic version					R3 – High corrosion protection				
For Ø	CRC <sup>1)</sup>	Weight	Part No.	Type	CRC <sup>1)</sup>	Weight	Part No.	Type	
[mm]		[g]				[g]			
32	2	220	<b>31761</b>	<b>LBG-32</b>	3	220	<b>2078790</b>	<b>LBG-32-R3</b>	
40	2	300	<b>31762</b>	<b>LBG-40</b>	3	300	<b>2078792</b>	<b>LBG-40-R3</b>	
50	2	540	<b>31763</b>	<b>LBG-50</b>	3	540	<b>2078794</b>	<b>LBG-50-R3</b>	
63	2	580	<b>31764</b>	<b>LBG-63</b>	3	580	<b>2078795</b>	<b>LBG-63-R3</b>	
80	1	1050	<b>31765</b>	<b>LBG-80</b>	3	1050	<b>2078797</b>	<b>LBG-80-R3</b>	
100	1	1375	<b>31766</b>	<b>LBG-100</b>	3	1375	<b>2078799</b>	<b>LBG-100-R3</b>	
125	1	4140	<b>31767</b>	<b>LBG-125</b>	3	4140	<b>2078837</b>	<b>LBG-125-R3</b>	

1) Corrosion resistance class CRC 1 to Festo standard FN 940070  
 Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).  
 Corrosion resistance class CRC 2 to Festo standard FN 940070  
 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.  
 Corrosion resistance class CRC 3 to Festo standard FN 940070  
 High corrosion stress. Outdoor exposure under moderate corrosive conditions. External visible parts with primarily functional requirements for the surface and which are in direct contact with a normal industrial environment.

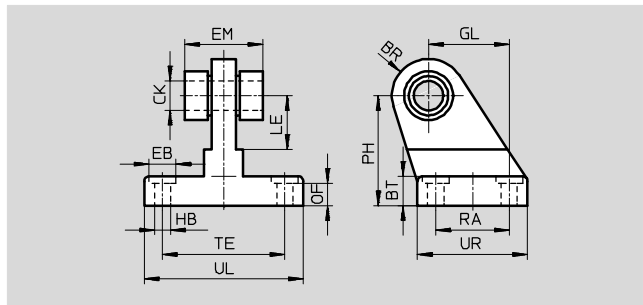
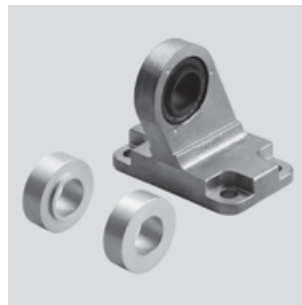
# Clevis feet LSN

Technical data



**Clevis foot LSN**  
with spherical bearing

Material:  
Nodular graphite cast iron  
Ø 32 ... 200: Free of copper and PTFE  
RoHS-compliant



Dimensions and ordering data									
For Ø	BR	BT	CK	EB	EM	GL	HB	LE	OF
[mm]	-1		Ø	Ø			Ø		
32	13	10	10 -0.008	10	25.8	21	5.5	16	4.5
40	15	10	12 -0.008	10	27.8	24	5.5	20	4.3
50	15	12	12 -0.008	11	31.8	33	6.6	22	5.2
63	20	12	16 -0.008	11	39.8	37	6.6	30	5.2
80	20	14	16 -0.008	15	49.8	47	9	31	5
100	24	15	20 -0.010	15	59.8	55	9	38	6
125	33	20	25 -0.010	22	69.8	70	11	-	18
160	36	25	30 -0.010	26	89.8	97	13.5	-	22
200	36	30	30 -0.010	30	89.8	105	16	-	27
250	43	35,5	40 -0.012	40	109.5	128	22	-	32
320	54	40,7	45 -0.012	48	119.8	150	26	-	37

For Ø	PH	RA	TE	UL	UR	CRC <sup>1)</sup>	Weight	Part No.	Type
[mm]	±0.5						[g]		
32	32	18	38	51	31	2	162	<b>5561</b>	<b>LSN-32</b>
40	36	22	41	54	35	2	219	<b>5562</b>	<b>LSN-40</b>
50	45	30	50	65	45	2	366	<b>5563</b>	<b>LSN-50</b>
63	50	35	52	67	50	1	471	<b>5564</b>	<b>LSN-63</b>
80	63	40	66	86	60	1	753	<b>5565</b>	<b>LSN-80</b>
100	71	50	76	96	70	1	1169	<b>5566</b>	<b>LSN-100</b>
125	90	60	94	124	90	1	2705	<b>6987</b>	<b>LSN-125</b>
160	115	88	118	156	126	1	5656	<b>6988</b>	<b>LSN-160</b>
200	135	90	122	162	130	1	7389	<b>6989</b>	<b>LSN-200</b>
250	165	110	150	200	160	1	13386	<b>6990</b>	<b>LSN-250</b>
320	200	122	170	234	186	1	21620	<b>6991</b>	<b>LSN-320</b>

1) Corrosion resistance class CRC 1 to Festo standard FN 940070

Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).

Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.



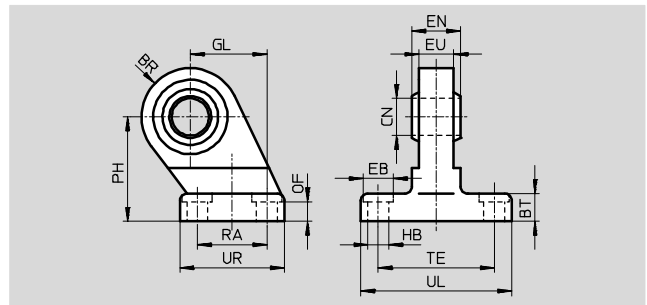
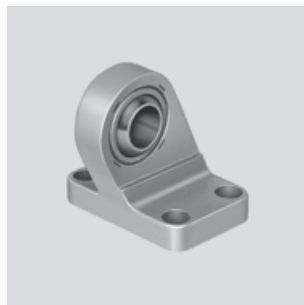
# Clevis feet LSNG

Technical data



**Clevis foot LSNG**  
with spherical bearing

Material:  
 Ø 32 ... 50: High-alloy steel  
 Ø 63 ... 200: Nodular graphite cast iron  
 RoHS-compliant



Dimensions and ordering data									
For Ø	BR	BT	CN Ø	EB Ø	EN	EU	GL	HB Ø	OF
[mm]				+0.5	-0.1	-0.2	js14	H13	
32	15	10 ±0.2	10 +0.013	-	14	10.5	21	6.6	8.5 +0.8
40	17	10 ±0.2	12 +0.015	-	16	12	24	6.6	8.5 +0.8
50	20	12 ±0.2	16 +0.015	-	21	15	33	9	10.5 +0.8
63	21+1.5/-0.5	12 ±0.6	16 +0.015	-	21	15	37	9	10.5 +0.8
80	26+1.5/-0.5	14 ±0.6	20 +0.018	-	25	18	47	11	12 +0.8
100	29	15 ±0.6	20 +0.018	-	25	18	55	11	13 +0.8
125	39	20 ±0.7	30 +0.018	20	37	25	70	14	17 +1
160	42	25 ±0.7	35 +0.021	20	43	28	97	14	21 +1
200	42	30 ±0.7	35 +0.021	26	43	28	105	18	26.5 +1

For Ø	PH	RA	TE	UL	UR	CRC <sup>1)</sup>	Weight	Part No.	Type
[mm]	js14	js14	js14				[g]		
32	32	18	38	51	31	2	172	<b>31740</b>	<b>LSNG-32</b>
40	36	22	41	54	35	2	228	<b>31741</b>	<b>LSNG-40</b>
50	45	30	50	65	45	2	416	<b>31742</b>	<b>LSNG-50</b>
63	50	35	52	67 <sup>+1</sup>	50 <sup>+1</sup>	1	541	<b>31743</b>	<b>LSNG-63</b>
80	63	40	66	86 <sup>+1</sup>	60 <sup>+1</sup>	1	997	<b>31744</b>	<b>LSNG-80</b>
100	71	50	76	96 <sub>-1</sub>	70 <sub>-1</sub>	1	1358	<b>31745</b>	<b>LSNG-100</b>
125	90	60	94	124 <sub>-1</sub>	90 <sub>-1</sub>	1	3071	<b>31746</b>	<b>LSNG-125</b>
160	115	88	118	156 <sub>-1</sub>	126 <sub>-1</sub>	1	6001	<b>152599</b>	<b>LSNG-160</b>
200	135	90	122	162 <sub>-1</sub>	130 <sub>-1</sub>	1	7368	<b>152600</b>	<b>LSNG-200</b>

- 1) Corrosion resistance class CRC 1 to Festo standard FN 940070  
 Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).  
 Corrosion resistance class CRC 2 to Festo standard FN 940070  
 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

# Clevis foot LSNSG

Technical data

FESTO

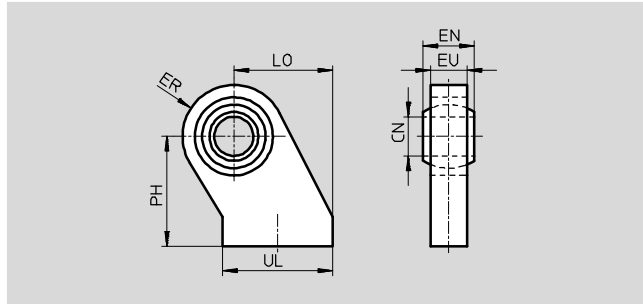
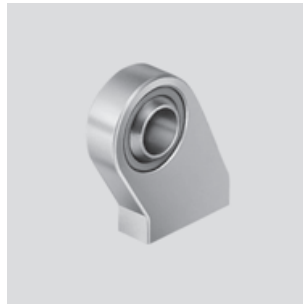
## Clevis foot LSNSG

weld-on,  
with spherical bearing

Material:

Ø 32 ... 125: Galvanised steel

RoHS-compliant



Dimensions and ordering data											
For Ø	CN Ø	EN	ER	EU	LO	PH	UL	CRC <sup>1)</sup>	Weight	Part No.	Type
[mm]		-0.1	±0.5		±0.5	js15			[g]		
32	10 +0.013	14	15.5	10±0.3	27.5	32	28.5	1	105	<b>31747</b>	<b>LSNSG-32</b>
40	12 +0.015	16	17.5	12±0.3	30.5	36	33.5	1	160	<b>31748</b>	<b>LSNSG-40</b>
50	16 +0.015	21	20.5	15±0.3	40.5	45	43.5	1	300	<b>31749</b>	<b>LSNSG-50</b>
63	16 +0.015	21	22.5	15±0.3	44.5	50	48	1	370	<b>31750</b>	<b>LSNSG-63</b>
80	20 +0.018	25	28.5	18±0.5	57	63	58	1	700	<b>31751</b>	<b>LSNSG-80</b>
100	20 +0.018	25	29.5	18±0.5	65	71	67.5	1	830	<b>31752</b>	<b>LSNSG-100</b>
125	30 +0.018	37	39.5	25±0.5	85	90	87.5	1	1960	<b>31753</b>	<b>LSNSG-125</b>

19 Corrosion resistance class CRC 1 to Festo standard FN 940070

Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).

# Clevis feet LQG

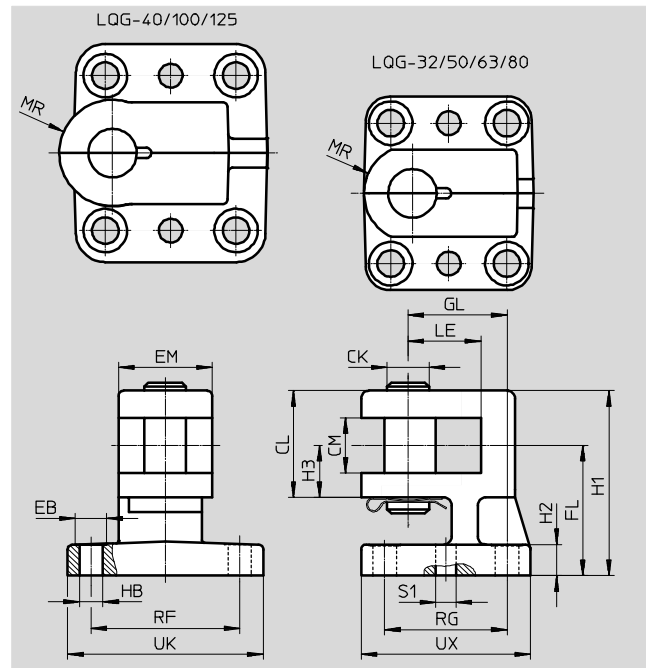
Technical data

## Right-angle clevis mounting LQG

The pivot pin is secured against rotation with a dowel pin.

Material:

Nodular graphite cast iron  
Free of copper and PTFE  
RoHS-compliant



Dimensions and ordering data											
For $\varnothing$	CK	CL	CM	EB	EM	FL	GL	H1	H2	H3	HB
[mm]	$\varnothing$ h9		+0.2	$\varnothing$							$\varnothing$
32	10	27	14.2	11	25	32 ±0.3	22 ±0.3	45 ±0.5	9	14	6.6
40	12	31	16.2	11	25	36 js14	22 js14	52 ±0.5	9	15	6.6
50	16	41	21.2	15	32	45 js14	36 js14	66 ±0.5	9	20	9
63	16	41	21.2	15	36	50 js14	38 js14	71	12	20	9
80	20	51	25.1	18	36	63 js14	39 js14	89	14	25	11
100	20	51	25.1	18	42	71 js14	51 js14	97	14	25	11
125	30	80	37.1	19	50	90 ±0.4	60 js14	130	20	40	14

For $\varnothing$	LE	MR	RF	RG	S1	UK	UX	CRC <sup>1)</sup>	Weight	Part No.	Type
[mm]					$\varnothing$				[g]		
32	18	12.5	40 ±0.3	29 ±0.3	4.8	56	45	1	301	<b>31768</b>	<b>LQG-32</b>
40	22	15	40 js14	29 js14	5.8	56	45	1	368	<b>31769</b>	<b>LQG-40</b>
50	28	18	52 js14	40 js14	5.8	70	58	1	706	<b>31770</b>	<b>LQG-50</b>
63	28	18	57 js14	47 js14	7.8	75	65	1	784	<b>31771</b>	<b>LQG-63</b>
80	31	20	58 js14	48 js14	9.8	80	70	1	1125	<b>31772</b>	<b>LQG-80</b>
100	34	22	64 js14	54 js14	9.8	90	80	1	1492	<b>31773</b>	<b>LQG-100</b>
125	38	32	104 js14	70 js14	11.5	130	96	1	3774	<b>31774</b>	<b>LQG-125</b>

1) Corrosion resistance class CRC 1 to Festo standard FN 940070

Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).

# Trunnion supports LNZG/CRLNZG

Technical data

## Trunnion support LNZG

Material:

Trunnion support:

32 ... 125: Anodised aluminium

160 ... 320: Galvanised steel

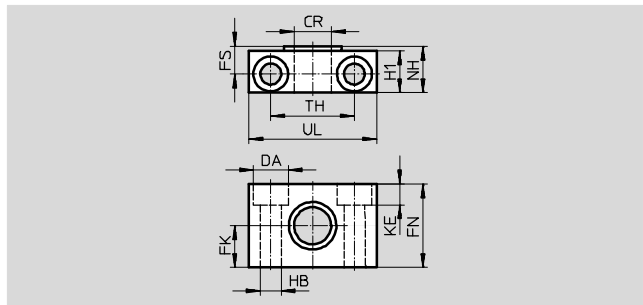
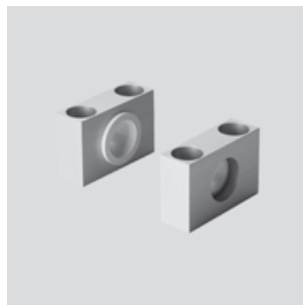
Plain bearing:

32 ... 200: Plastic

250 ... 320: Sintered bronze

32 ... 200: Free of copper and PTFE

RoHS-compliant



Dimensions and ordering data															
For Ø	CR	DA	FK	FN	FS	H1	HB	KE	NH	TH	UL	CRC <sup>1)</sup>	Weight	Part No.	Type
[mm]	Ø	Ø	Ø				Ø						[g]		
32	12 D11	11	15 ±0.1	30	10.5	15	6.6	6.8	18	32 ±0.2	46	2	83	<b>32959</b>	<b>LNZG-32</b>
40/50	16 D11	15	18 ±0.1	36	12	18	9	9	21	36 ±0.2	55	2	129	<b>32960</b>	<b>LNZG-40/50</b>
63/80	20 D11	18	20 ±0.1	40	13	20	11	11	23	42 ±0.2	65	2	178	<b>32961</b>	<b>LNZG-63/80</b>
100/125	25 D11	20	25 ±0.1	50	16	24.5	14	13	28.5	50 ±0.2	75	2	306	<b>32962</b>	<b>LNZG-100/125</b>
160/200	32 D11	26	30 ±0.2	60	22.5	36	18	17	40	60 ±0.3	92	2	659	<b>35780</b>	<b>LNZG-160/200</b>
250	40 G7	33	35 ±0.2	70	27.5	45	22	21.5	50	90 ±0.3	140	2	2218	<b>157516</b>	<b>LNZG-250</b>
320	50 G7	40	40 ±0.2	80	32.5	55	26	21.5	60	100 ±0.3	150	2	2934	<b>157517</b>	<b>LNZG-320</b>

1) Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

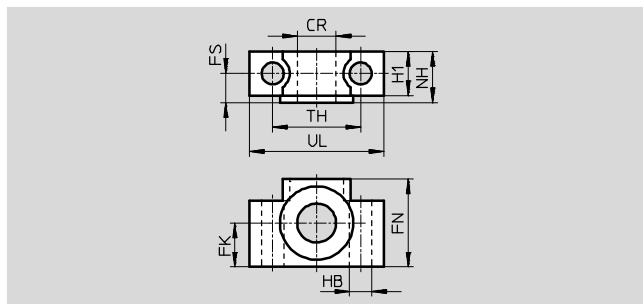
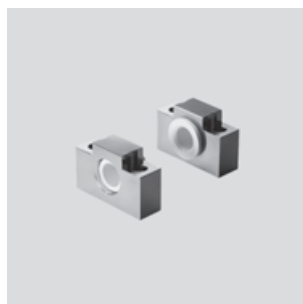
## Trunnion support CRLNZG, stainless steel

Material:

High-alloy steel

Free of copper and PTFE

RoHS-compliant



Dimensions and ordering data															
For Ø	CR	FK	FN	FS	H1	HB	NH	TH	UL	CRC <sup>1)</sup>	Weight	Part No.	Type		
[mm]	Ø	Ø				Ø					[g]				
32	12 D11	15 ±0.1	30	10.5	15	6.6	18	32 ±0.2	46	4	205	<b>161874</b>	<b>CRLNZG-32</b>		
40/50	16 D11	18 ±0.1	36	12	18	9	21	36 ±0.2	55	4	323	<b>161875</b>	<b>CRLNZG-40/50</b>		
63/80	20 D11	20 ±0.1	40	13	20	11	23	42 ±0.2	65	4	435	<b>161876</b>	<b>CRLNZG-63/80</b>		
100	25 D11	25 ±0.1	50	16	24.5	14	28.5	50 ±0.2	75	4	738	<b>161877</b>	<b>CRLNZG-100</b>		

1) Corrosion resistance class CRC 4 to Festo standard FN 940070

Particularly high corrosion stress. Outdoor exposure under extreme corrosive conditions. Parts exposed to aggressive media, for instance in the chemical or food industries. These applications may need to be supported by special tests (→ also FN 940082) using appropriate media.

# Threaded bolts GBS

Technical data

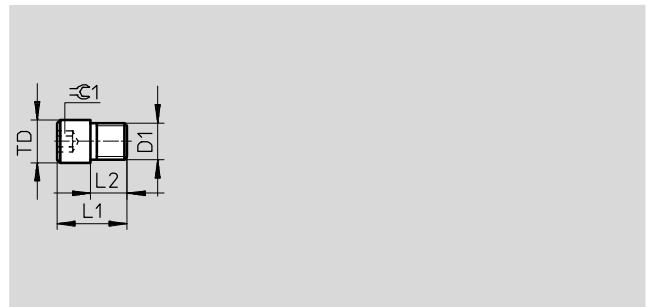
## Threaded bolt GBS

for swivel mounting of drives with appropriate design

Material:

Case-hardened steel

Free of copper and PTFE



Dimensions and ordering data									
For $\varnothing$	D1	L1	L2	TD	$\approx \varnothing 1$	CRC <sup>1)</sup>	Weight	Part No.	Type
[mm]				$\varnothing$ f8			[g]		
32	M8x1	14.5	6.5 ±0.1	10	5	2	10	<b>9236</b>	<b>GBS-32</b>
40	M10x1	18.5	9 ±0.1	12	6	2	20	<b>9237</b>	<b>GBS-40</b>
50	M12x1.5	23	12 ±0.2	14	6	2	40	<b>9238</b>	<b>GBS-50</b>
63	M14x1.5	29	16 ±0.2	16	8	2	65	<b>9239</b>	<b>GBS-63</b>

1) Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

# Slot nuts NST/NST-HMV

Technical data

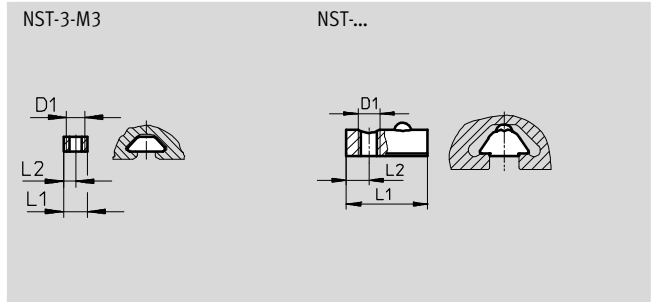


## Slot nut NST

for profile slots in linear units, drives and axes as well as passive guide axes

Material:

Non-alloyed tempered steel  
Free of copper and PTFE



Dimensions and ordering data							
D1	L1	L2	CRC <sup>1)</sup>	Weight	Part No.	Type	PU <sup>2)</sup>
	±0.5			[g]			
M3	4	2	1	0,3	558045	NST-3-M3	1
M5	12	4	2	3	150914	NST-5-M5	1
					8047843	NST-5-M5-10	10
					8047878	NST-5-M5-50	50
M6	22,5	6,25	2	11	150915	NST-8-M6	1
					8047868	NST-8-M6-10	10
					8047869	NST-8-M6-50	50

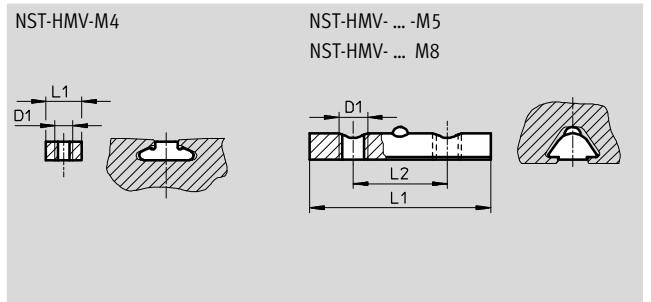
- Corrosion resistance class CRC 1 to Festo standard FN 940070  
Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).  
Corrosion resistance class CRC 2 to Festo standard FN 940070  
Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.
- Packaging unit quantity

## Slot nut NST-HMV

for multi-axis systems

Material:

Non-alloyed tempered steel  
Free of copper and PTFE



Dimensions and ordering data							
D1	L1	L2	CRC <sup>1)</sup>	Weight	Part No.	Type	PU <sup>2)</sup>
	±0.5			[g]			
M4	–	–	2	2	526091	NST-HMV-M4	10
M5	24	12.5	2	7	526094	NST-HMV-5-2-M5	
M8	50	26	2	22	526093	NST-HMV-8-2-M8	

- Corrosion resistance class CRC 2 to Festo standard FN 940070  
Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.
- Packaging unit quantity

# Slot nuts NSTL/NSTH

Technical data



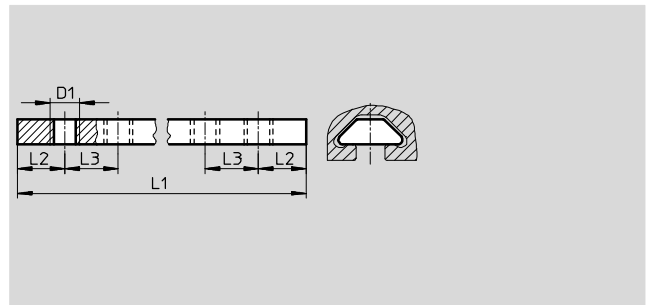
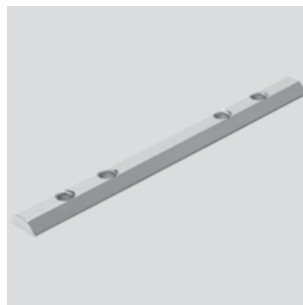
## Slot nut NSTL

for slides on linear drives and axes as well as passive guide axes

Material:

Non-alloyed tempered steel

Free of copper and PTFE



Dimensions and ordering data									
D1	L1	L2	L3	CRC <sup>1)</sup>	Weight	Teile-Nr.	Part No.	Type	PU <sup>2)</sup>
	±0.5				[g]	Typ			
M5	100	13	15	2	23		<b>158410</b>	<b>NSTL-25</b>	1
	128	14	15	2	30		<b>158411</b>	<b>NSTL-32</b>	
	166	25	20	2	40		<b>158412</b>	<b>NSTL-40</b>	
M8	199	24	20	2	138		<b>158413</b>	<b>NSTL-50</b>	1
	229	30	35	2	160		<b>158414</b>	<b>NSTL-63</b>	
	319	30	35	2	228		<b>161356</b>	<b>NSTL-80</b>	

- 1) Corrosion resistance class CRC 2 to Festo standard FN 940070  
Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.
- 2) Packaging unit quantity

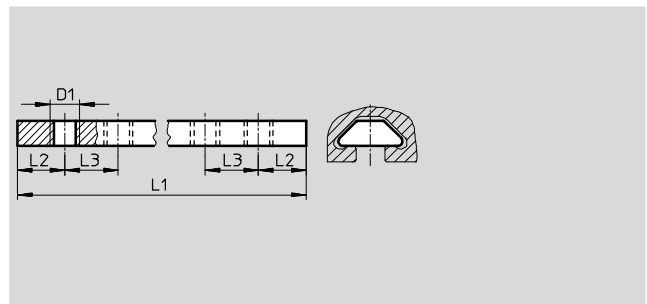
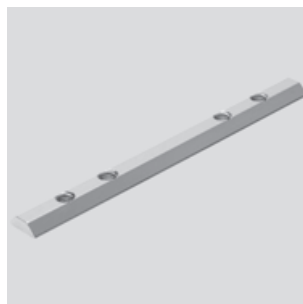
## Slot nut NSTH

for slides on heavy-duty guides HD

Material:

Non-alloyed tempered steel

Free of copper and PTFE



Dimensions and ordering data									
D1	L1	L2	L3	CRC <sup>1)</sup>	Weight	Part No.	Type	PU <sup>2)</sup>	
	±0.5				[g]				
M3	89	15	15	2	7	<b>161018</b>	<b>NSTH-8</b>	1	
M5	119	15	15	2	28	<b>161019</b>	<b>NSTH-12</b>		
	159	25	20	2	38	<b>161020</b>	<b>NSTH-18</b>		
M8	209	25	20	2	146	<b>161021</b>	<b>NSTH-25</b>	1	
	259	30	35	2	184	<b>161022</b>	<b>NSTH-40</b>		

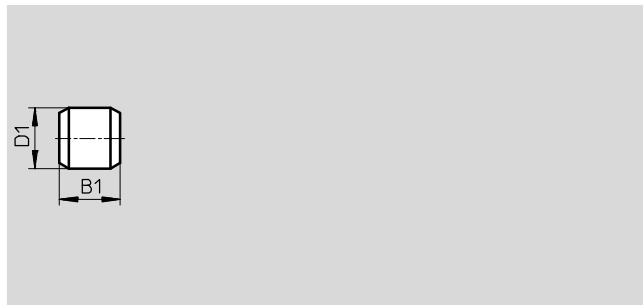
- 1) Corrosion resistance class CRC 2 to Festo standard FN 940070  
Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.
- 2) Packaging unit quantity

# Centring pins/centring sleeves

Technical data

## Centring pin ZBS

Material:  
Corrosion resistant steel  
Free of copper and PTFE  
RoHS-compliant

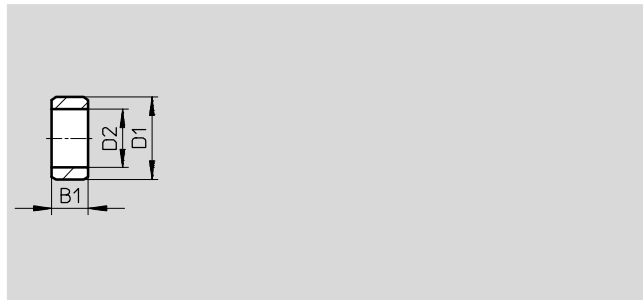


Dimensions and ordering data						
D1	B1	CRC <sup>1)</sup>	Weight	Part No.	Type	PU <sup>2)</sup>
∅						
h8	-0.2		[g]			
2	5	2	1	<b>525273</b>	<b>ZBS-2</b>	10
4	5	2	1	<b>562959</b>	<b>ZBS-4</b>	
5	5	2	1	<b>150928</b>	<b>ZBS-5</b>	

- 1) Corrosion resistance class CRC 2 to Festo standard FN 940070  
Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.
- 2) Packaging unit quantity

## Centring sleeve ZBH

Material:  
Corrosion resistant steel  
Free of copper and PTFE  
RoHS-compliant



Dimensions and ordering data							
D1	B1	D2	CRC <sup>1)</sup>	Weight	Part No.	Type	PU <sup>2)</sup>
∅		∅					
h7	-0.2			[g]			
5	2.4	3.2	2	1	<b>189652</b>	<b>ZBH-5</b>	10
7	3	5.3	2	1	<b>186717</b>	<b>ZBH-7</b>	
9	4	6.4	2	1	<b>150927</b>	<b>ZBH-9</b>	
12	5	10.3 +0.1	2	1	<b>189653</b>	<b>ZBH-12</b>	
15	6	12.4	2	3	<b>191409</b>	<b>ZBH-15</b>	
25	6.9	17	2	4	<b>8023856</b>	<b>ZBH-25</b>	

- 1) Corrosion resistance class CRC 2 to Festo standard FN 940070  
Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.
- 2) Packaging unit quantity



# Connector sleeves

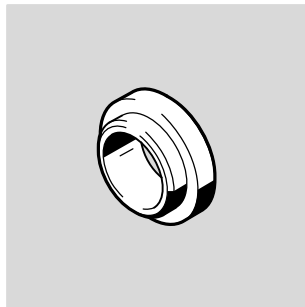
Technical data

## Connector sleeve ZBV

Material:

Steel

RoHS konform



Dimensions and ordering data									
B1	B2	D1	D2	D3	CRC <sup>1)</sup>	Weight	Part No.	Type	PU <sup>2)</sup>
	-0.2	∅ h7	∅	∅ h7		[g]			
2.8	1.3	5	4 +0.05	6	2	0.26	<b>571033</b>	<b>ZBV-6-5</b>	10
3	1.5	6	5.3	7	2	0.25	<b>560252</b>	<b>ZBV-7-6</b>	
3.5	1.5	7	5.3	8	2	0.63	<b>571034</b>	<b>ZBV-8-7</b>	
3.4	1.5	7	5.5	9	2	1	<b>548805</b>	<b>ZBV-9-7</b>	
4	2	8	6.4	9	2	0.75	<b>560253</b>	<b>ZBV-9-8</b>	
4	2	9	6.4	10	2	1.2	<b>560254</b>	<b>ZBV-10-9</b>	
4.5	2	9	6.4	12	2	2	<b>548806</b>	<b>ZBV-12-9</b>	
4.5	2	10	6.4	12	2	2.3	<b>571035</b>	<b>ZBV-12-10</b>	
5	2.5	12	10.3	14	2	1.9	<b>560255</b>	<b>ZBV-14-12</b>	

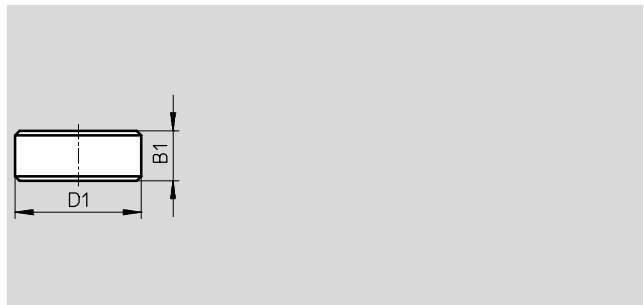
- 1) Corrosion resistance class CRC 2 to Festo standard FN 940070  
Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.
- 2) Packaging unit quantity

# Central mountings/slot covers

Technical data

## Central mounting SLZZ

Material:  
Corrosion resistant steel  
Free of copper and PTFE



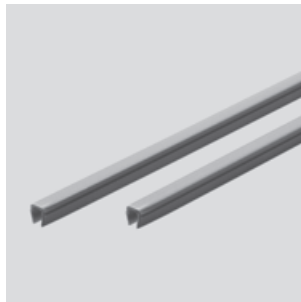
Dimensions and ordering data					
D1	B1	CRC <sup>1)</sup>	Weight	Part No.	Type
∅			[g]		
h8	-0.2				
14	5	2	21	<b>150900</b>	<b>SLZZ-16/10</b>
25	5.5	2	40	<b>150901</b>	<b>SLZZ-25/16</b>
25	5.5	2	84	<b>150904</b>	<b>SLZZ-50/40</b>

1) Corrosion resistance class CRC 2 to Festo standard FN 940070  
Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

## Slot cover ABP for mounting slots

## Slot cover ABP-5-S for sensor slots

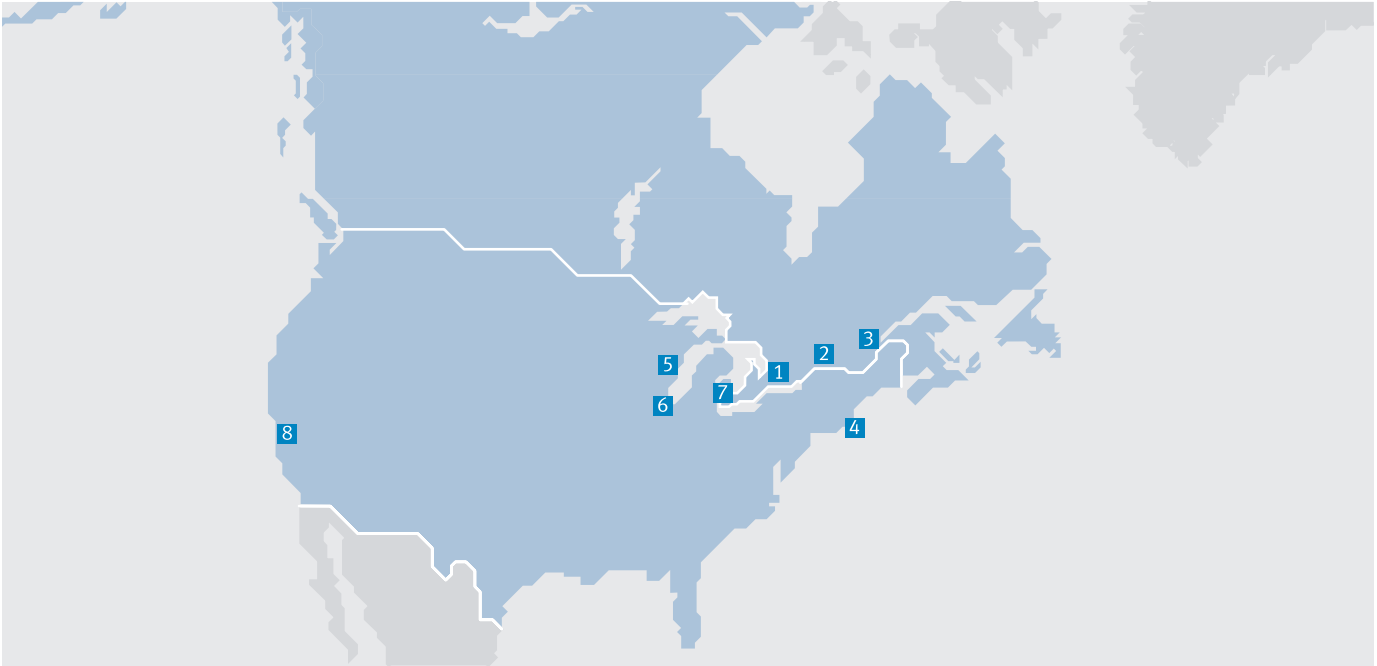
Material:  
Acrylic butadiene styrene



Ordering data					
Slot type	Length	Weight	Part No.	Type	PU <sup>1)</sup>
	[m]	[g]			
Mounting slot	0.5	16	<b>151681</b>	<b>ABP-5</b>	2
	0.5	42	<b>151682</b>	<b>ABP-8</b>	
Sensor slot	0.5	15	<b>151680</b>	<b>ABP-5-S</b>	
	0.5	13	<b>563360</b>	<b>ABP-5-S1</b>	

1) Packaging unit quantity

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