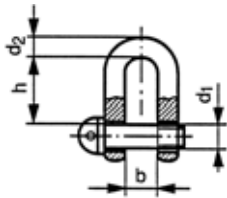
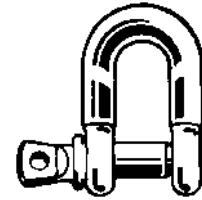


D (chain) shackle



DIN ≈82101 A
 NEN ≈964



Technical data

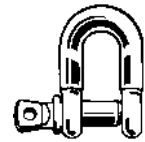
d1	d2	b	h	Allowable load in kN
5	4/5	7	15,5	1
6	5/6	8	18	1,6
8	7/8	11	24	2,5
10	9/10	14	30	4
11 (#DIN)	11	22	44	-
12	10/12	17	36	6,3
14 (#DIN)	14	28	53	-
16	13/15	21	49	10
19 (#DIN)	19	38	74	-
20	17/19	27	61	16
22	19/21	30	67	20
24	21/23	33	73	25
25 (#DIN)	25	51	100	-
28 (#DIN)	28	57	115	-
32 (#DIN)	32	64	127	-
38 (#DIN)	37	76	152	-

- The D (chain) shackles are zinc plated or hot dip galvanized, depending on availability this may deviate.
- Depending on availability the dimensions may deviate.
- Sizes not DIN standardised: not to be used for lifting applications.

16813 D (chain) shackle

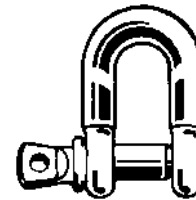
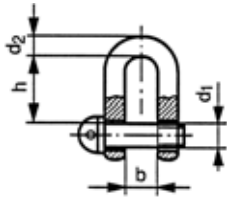
F11H

Material Steel
Surface treatment Zinc plated
Packaging Standard



d1	☒	Art.number	d1	☒	Art.number	d1	☒	Art.number
5MM ZINC	25	16813.050.001	14MM ZINC	25	16813.140.001	25MM HOT D.G.	3	16813.250.001
6MM ZINC	25	16813.060.001	16MM HOT D.G.	10	16813.160.001	28MM HOT D.G.	1	16813.280.001
8MM ZINC	25	16813.080.001	19MM HOT D.G.	10	16813.190.001	32MM HOT D.G.	1	16813.320.001
10MM ZINC	25	16813.100.001	20MM HOT D.G.	5	16813.200.001	38MM HOT D.G.	1	16813.380.001
11MM ZINC	25	16813.110.001	22MM HOT D.G.	5	16813.220.001			
12MM ZINC	25	16813.120.001	24MM HOT D.G.	5	16813.240.001			

D (chain) shackle St.st.



Technical data

d1	d2	b	h	d1	d2	b	h	d1	d2	b	h
4	4	8	16	8	8	16	32	16	16	32	64/56
5	5	10	20	10	10	20	40	19	19	38	76
6	6	12	24	12	12	24	48	24	18	32	80

- Not to be used for lifting applications.

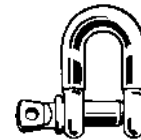
Article groups

Material	Packaging	Code	Page
St.St. A2	Standard	16711	5-25
St.St. A4	Standard	16713	5-25

5

16711 D (chain) shackle St.st. R09A

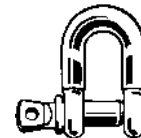
Material Stainless steel A2
Packaging Standard



d1	☒	Art.number	d1	☒	Art.number	d1	☒	Art.number
5MM	10	16711.050.001	10MM	10	16711.100.001	19MM	2	16711.190.001
6MM	10	16711.060.001	12MM	10	16711.120.001			
8MM	10	16711.080.001	16MM	5	16711.160.001			

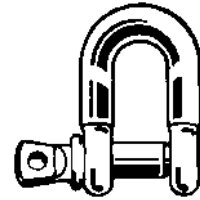
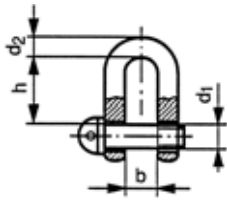
16713 D (chain) shackle St.st. R49A

Material Stainless steel A4
Packaging Standard



d1	☒	Art.number	d1	☒	Art.number	d1	☒	Art.number
4MM	10	16713.040.001	8MM	10	16713.080.001	16MM	5	16713.160.001
5MM	10	16713.050.001	10MM	10	16713.100.001	19MM	2	16713.190.001
6MM	10	16713.060.001	12MM	10	16713.120.001			

D (chain) shackle, commercial type



Technical data

d1	d2	b	h
5	5	10	20
6	6	12	24
8	8	16	32
10	10	20	40
11	11	22	44

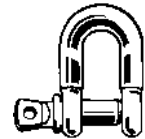
d1	d2	b	h
12	12	25	50
14	14	28	53
16	16	32	64
19	19	38	74
22	19/21	44	88

d1	d2	b	h
25	25	51	100
28	28	57	115
32	32	64	127
38	38	76	152

16812 D (chain) shackle, commercial type

F11H

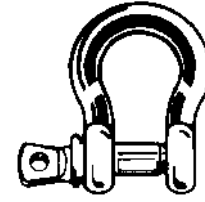
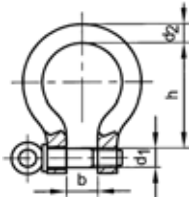
Material Steel
Surface treatment Zinc plated
Packaging Standard



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d1	☒	Art.number	d1	☒	Art.number	d1	☒	Art.number
5MM	25	16812.050.001	12MM	25	16812.120.001	25MM	3	16812.250.001
6MM	25	16812.060.001	14MM	25	16812.140.001	28MM	1	16812.280.001
8MM	25	16812.080.001	16MM	10	16812.160.001	32MM	1	16812.320.001
10MM	25	16812.100.001	19MM	10	16812.190.001	38MM	1	16812.380.001
11MM	25	16812.110.001	22MM	5	16812.220.001			

Bow (anchor) shackle with screw collar pin



Technical data

d1	d2	b	h
5	5	10	19
6	6	13	25
8	8	16	32
10	10	19	38
11	11	22	46

d1	d2	b	h
12	12	25	51
14	14	28	58
16	16	32	64
19	19	38	76
22	22	44	89

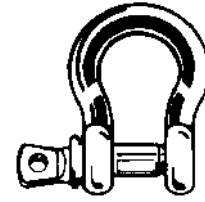
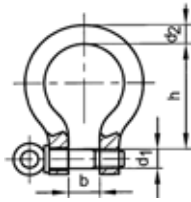
d1	d2	b	h
25	25	51	100
28	28	57	115
32	32	64	127
38	38	76	152

- Depending on availability the dimensions may deviate.

16817 Bow (anchor) shackle with screw collar pin		F11H
Material	Steel	
Surface treatment	Zinc plated	
Packaging	Standard	

d1	☒	Art.number	d1	☒	Art.number	d1	☒	Art.number
5MM	25	16817.050.001	12MM	25	16817.120.001	25MM	5	16817.250.001
6MM	25	16817.060.001	14MM	10	16817.140.001	28MM = 1.1/8	3	16817.280.001
8MM	25	16817.080.001	16MM	10	16817.160.001	32MM = 1.1/4	1	16817.320.001
10MM	25	16817.100.001	19MM	5	16817.190.001	38MM = 1.1/2	1	16817.380.001
11MM	25	16817.110.001	22MM	5	16817.220.001			

Bow (anchor) shackle with screw collar pin St.st.



Technical data

d1	d2	b	h
4	4	8	16
5	5	10	20
6	6	12	24
8	8	16	32
10	10	20	40
12	12	24	48
16	16	32	64

- Not to be used for lifting applications.
- Depending on availability the dimensions may deviate.

5

Article groups

Material	Packaging	Code	Page
St.St. A2	Standard	16715	5-28
St.St. A4	Standard	16717	5-28

16715 Bow (anchor) shackle with screw collar pin St.st.

R09A

Material Stainless steel A2
Packaging Standard



d1	☒	Art.number	d1	☒	Art.number	d1	☒	Art.number
5MM	10	16715.050.001	8MM	10	16715.080.001	12MM	10	16715.120.001
6MM	10	16715.060.001	10MM	10	16715.100.001	16MM	5	16715.160.001

16717 Bow (anchor) shackle with screw collar pin St.st.

R49A

Material Stainless steel A4
Packaging Standard



d1	☒	Art.number	d1	☒	Art.number	d1	☒	Art.number
4MM	10	16717.040.001	8MM	10	16717.080.001	16MM	5	16717.160.001
5MM	10	16717.050.001	10MM	10	16717.100.001			
6MM	10	16717.060.001	12MM	10	16717.120.001			