

Kapitel 1
Chapter 1

Schäkel, Karabinerhaken und Wirbel
Shackles, spring hooks and swivel



Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

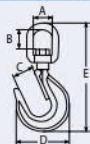
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Trailerhaken mit Wirbel / A4-AISI 316

Trailer hook with swivel / Croc de palau à gachette

8971

Bestell-Nr.	A	B	C	D	E	BL/Kg	Box
Order no.							
8971428	28	27	18	69	147	2000	1
8971436	36	36	33	97	193	3700	1



Trailerhaken / A4-AISI 316

Trailer hook / Croc de palan

8287

Bestell-Nr.	A	B	C	D	BL/Kg	Box
Order no.						
8287419	19	33,5	100	20,5	1100	5
8287428	28	44,5	115	23	1500	5

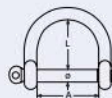


Rundschäkel, weite Form / A4-AISI 316

D-shackle, wide / Manille droite

8969

Bestell-Nr.	Ø	A	L	BL/Kg	Box
Order no.					
8969405	5	25	20	750	10
8969406	6	24	33	1350	10
8969408	8	26	31	2500	10
8969410	10	41	55	3350	5
8969412	12	50	66	4000	5



Rundschäkel geschweifte Form mit Innensechskant / A4-AISI 316

Bow shackle with hexagon socket / Manille droite forgée avec vis 6 pans creux

8970

Bestell-Nr.	Ø	A	L	R	BL/Kg	Box
Order no.						
8970405	5	11	25	17	1200	10
8970406	6	12	30	21	1700	10
8970408	8	16	44	28	2500	10
8970410	10	21	49	34	4300	5
8970412	12	25	57	42	6200	5
8970416	16	31	80	56	7000	5
8970419	19	36	96	66	14000	1



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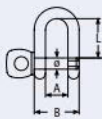
Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

8258

Rundschäkel, kurze Form / A4-AISI 316

D-shackle, short / Manille droite, type court

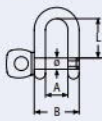


Bestell-Nr. Order no.	Ø	A	B	L	BL/Kg	Box
8258404	4	8	16	14	700	20
8258405	5	10	20	14,5	1000	20
8258406	6	12	24	21	1500	20
8258407	7	14	28	23,5	2200	10
8258408	8	16	32	28	3000	10
8258410	10	20	40	36	4500	10
8258412	12	24	48	44	7000	5
8258413	13	26	52	46,5	9000	5
8258416	16	32	64	56	10000	5
8258419	19	35	76	65,5	16000	1
8258422	22	44	88	74	20000	1
8258425	25	50	100	85,5	24000	1
8258432	32	64	128	108	31000	1

8326

Rundschäkel mit unverlierbarem Bolzen / A4-AISI 316

D-shackle with captive pin / Manille droite axe imperdable

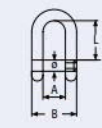


Bestell-Nr. Order no.	Ø	A	B	L	BL/Kg	Box
8326404	4	8	16	14	700	10
8326405	5	10	20	16,5	1100	10
8326406	6	12	24	21	1600	10
8326408	8	16	32	28	3200	10
8326410	10	20	40	34	4900	5
8326412	12	24	48	36	6600	5

8482

Rundschäkel mit Innensechskant / A4-AISI 316

D-shackle with hexagon socket / Manille droite avec six pans creux

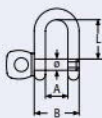


Bestell-Nr. Order no.	Ø	A	B	L	BL/Kg	Box
8482405	5	10	20	17,5	1000	10
8482406	6	12	24	21	1500	10
8482408	8	16	32	28	2200	10
8482410	10	20	40	35	3700	5
8482412	12	24	48	45	5400	5
8482414	14	28	56	49	6500	5
8482416	16	32	64	52	8800	5
8482419	19	38	76	63,5	16000	1
8482422	22	44	88	76	19000	1

8746

Rundschäkel, geschmiedet / A4-AISI 316

D-shackle, forged / Manille droite forgée



Bestell-Nr. Order no.	Ø	A	B	L	BL/Kg	Box
8746404	4	8	16	15	1080	10
8746405	5	10	20	17,5	1550	10
8746406	6	12	24	21	1860	10
8746408	8	16	32	29	4380	10
8746410	10	20	40	35	5800	5
8746412	12	24	48	43	8100	5

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

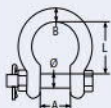
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Rundschäkel mit Sicherungsbolzen, geschweift, geschmiedet / A4-AISI 316

Bow shackle with fastening bolt, forged / Manille lyre forgée avec boulon de sécurité

814068

Bestell-Nr. Order no.	Ø	B	A	L	BL/Kg	Box
8140684048	6,4	5	9,7	22	1320	10
8140684064	8	6	12	29	2000	10
814068408	9,5	8	13,5	31	3000	10
8140684095	11	10	17	36	4000	5
8140684127	16	12	21	48	8000	5
814068416	19	16	27	60	12000	5
814068419	22	20	32	71	16000	1
814068422	25	22	36	84	20000	1



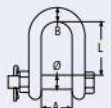
Besonders geeignet als Ankerschäkel - Suited as anchor shackle - Convient particulièrement comme manille d'ancre

Rundschäkel mit Sicherungsbolzen, geschmiedet / A4-AISI 316

D-shackle with fastening bolt, forged / Manille droite forgée avec boulon de sécurité

814069

Bestell-Nr. Order no.	Ø	B	A	L	BL/Kg	Box
8140694048	6,4	5	9,7	19	1320	10
8140694064	8	6	12	22	2000	10
814069408	9,5	8	13,5	26	3000	10
8140694095	11	10	17	32	4000	5
8140694127	16	12	21	41	8000	5
814069416	19	16	27	51	12000	5
814069419	22	20	32	60	16000	1
814069422	25	22	36	71	20000	1



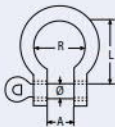
Besonders geeignet als Ankerschäkel - Suited as anchor shackle - Convient particulièrement comme manille d'ancre

Rundschäkel, geschweifte Form / A4-AISI 316

Bow shackle / Manille lyre

8260

Bestell-Nr. Order no.	Ø	A	R	L	BL/Kg	Box
8260404	4	8	14	14	800	20
8260405	5	10	17	17,5	1200	20
8260406	6	12	21	21	1900	20
8260408	8	16	28	28	2800	10
8260410	10	20	34	35	4300	10
8260412	12	24	42	42	6500	5
8260413	13	26	45	39	7500	5
8260416	16	32	56	56	12000	5
8260419	19	38	66	78,5	18200	1
8260422	22	44	75	77	21000	1

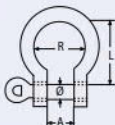


Rundschäkel mit unverlierbarem Bolzen, geschweifte Form / A4-AISI 316

Bow shackle, with captive pin / Manille lyre axe imperdable

8222

Bestell-Nr. Order no.	Ø	A	R	L	BL/Kg	Box
8222405	5	10	17	17,5	1300	10
8222406	6	12	21	21	1800	10
8222408	8	16	28	28	3500	10
8222410	10	20	34	35	5400	5



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Schäkel, Karabinerhaken und Wirbel

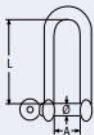
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

8259

Rundschäkel, lange Form / A4-AISI 316

Straight D-shackle, long / Manille droite, type long

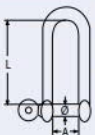


Bestell-Nr. Order no.	Ø	A	L	BL/Kg	Box
8259404	4	8,5	32	700	10
8259405	5	10	40	1000	10
8259406	6	12	45	1500	10
8259408	8	16	60	3200	10
8259410	10	20	73	4900	5
8259412	12	24	87	7000	5

8331

Rundschäkel, lange Form mit unverlierbarem Bolzen / A4-AISI 316

Straight D-shackle, long with captive pin / Manille droite axe imperdable, type long

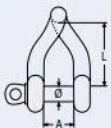


Bestell-Nr. Order no.	Ø	A	L	BL/Kg	Box
8331405	5	10	37,5	1100	10
8331406	6	12	43	1600	10
8331408	8	16	60	3200	10
8331410	10	20	75	4900	5
8331412	12	24	90	6600	5

8296

Rundschäkel, gedrehte Form / A4-AISI 316

Shackle, twisted / Manille type torsadée

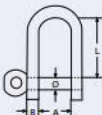


Bestell-Nr. Order no.	Ø	A	L	BL/Kg	Box
8296404	4	8	22	800	10
8296405	5	10	27	1200	10
8296406	6	12	30	1750	10
8296408	8	16	42	3000	10
8296410	10	20	55	5800	5
8296412	12	24	65	7000	5

8337

Flachschäkel, rund / A4-AISI 316

Flat shackle, semi-round / Manille plate, type semi rond



Bestell-Nr. Order no.	Ø	A	L	B	BL/Kg	Box
833745	5	12	18,5	2,6	400	10
833746	6	14	22	3,0	500	10
833748	8	18	28	3,7	900	10

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

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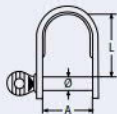
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Flachschäkel mit Bund, kurze Ausführung / A4-AISI 316

Flat shackle, short / Manille plate, type court

8297

Bestell-Nr. Order no.	Ø	A	L	BL/Kg	Box
829744	4	10	18	800	10
829745	5	12	20	1100	10
829746	6	16	24	2000	10

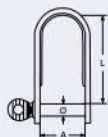


Flachschäkel mit Bund, lange Form / A4-AISI 316

Flat shackle, long / Manille plate, type long

8298

Bestell-Nr. Order no.	Ø	A	L	BL/Kg	Box
829844	4	12	24	800	10
829845	5	16	21	1100	10
829846	6	17	26	2000	10

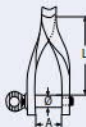


Flachschäkel mit Bund, gedrehte Form / A4-AISI 316

Flat shackle, twisted / Manille plate, type torsadée

8299

Bestell-Nr. Order no.	Ø	A	L	BL/Kg	Box
829944	4	11	24	800	10
829945	5	12	40	1400	10



Schlüsselschäkel / A4-AISI 316

Key pin shackle / Manille rapide

8324

Bestell-Nr. Order no.	Ø	A	L	BL/Kg	Box
832445	5	13	40	954	10
832446	6	16	44	1363	10
832448	8	22	62	2271	10



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Schäkel, Karabinerhaken und Wirbel

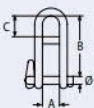
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

8323

Schlüsselschäkel mit Steg / A4-AISI 316

Key pin shackle with bar / Manille rapide à barette

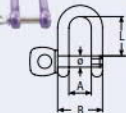


Bestell-Nr. Order no.	Ø	A	B	C	BL/Kg	Box
832345	5	13	38	12,5	954	10
832346	6	16	43	15,0	1363	10
832348	8	21,5	60	20,5	2272	10

814737

Aluschäkel / Alu

D-shackle alu / Manille droite en Alu



Bestell-Nr. Order no.	Ø	A	B	L	BL/Kg	Box
8147370058	5,8	12,6	24,2	22	700	10
8147370078	7,8	17	32,6	28,6	1000	10
8147370098	9,8	20	39,6	35	1300	5
8147370118	11,8	25	48,6	45	2400	5

Farben: rot, blau, lila, gelb und grün gemischt.

Colours: red, blue, purple, yellow and green mixed up.

8306

Schäkel Schlüssel / A2-AISI 304

Multi-purpose shackle key / Demanilleur-decapsuleur



Bestell-Nr. Order no.	L	S	Box
83062100	100	2	5

8977

Schäkel Schlüssel / A4-AISI 316

Multi-purpose shackle key / Demanilleur-decapsuleur



Bestell-Nr. Order no.	L	S	Box
8977405	86	5	10

8249

Karabinerhaken / A4-AISI 316

Spring hook / Mousqueton pompier



Bestell-Nr. Order no.	Ø	L	D1	A	C	BL/Kg	Box
8249403_30	3	30	5	4	5,5	200	10
8249404_40	4	40	9	5	7	590	10
8249405_50	5	50	10	6	8	650	10
8249406_60	6	60	11	8	9	900	10
8249407_70	7	70	13	8	9	1370	10
8249408_80	8	80	13	8	9	1500	10
8249410_100	10	100	16	10	12	1800	5
8249411_120	11	120	18	11	16	1900	5
8249412_140	12	140	20	13	19	2100	5

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

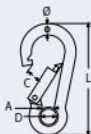
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Karabinerhaken mit Kausche / A4-AISI 316

Spring hook with eyelet / Mousqueton pompier à œil

8250

Bestell-Nr. Order no.	Ø	L	D	A	C	BL/Kg	Box
8250404_40	4	40	4,5	5	7	400	10
8250405_50	5	50	7	6	8	800	10
8250406_60	6	60	7,5	8	9	850	10
8250407_70	7	70	9,5	8	9	1200	10
8250408_80	8	80	10,5	8	9	1200	10
8250410_100	10	100	14	10	12	1750	5
8250411_120	11	120	18	11	16	1850	5
8250412_140	12	140	18,5	13	19	1880	5



Karabinerhaken mit Sicherheitsmutter und Kausche / A4-AISI 316

Spring hook with lock nut and eyelet / Mousqueton pompier à œil avec vis de sécurité

8232

Bestell-Nr. Order no.	Ø	L	D	A	C	BL/Kg	Box
8232404_40	4	40	5	6,5	7	500	10
8232405_50	5	50	9	7,5	8	600	10
8232406_60	6	60	10	7,5	9	800	10
8232407_70	7	70	11	9	9	1200	10
8232408_80	8	80	13	8	8	1500	10
8232410_100	10	100	16	10	10	1800	5
8232411_120	11	120	18	11	15	1900	5

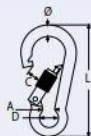


Karabinerhaken mit Sicherheitsmutter / A4-AISI 316

Spring hook with lock nut / Mousqueton pompier avec vis de sécurité

814594

Bestell-Nr. Order no.	Ø	L	D	A	C	BL/Kg	Box
814594404_40	4	40	5	5	7	650	10
814594405_50	5	50	9	6	8	850	10
814594406_60	6	60	10	8	9	900	10
814594407_70	7	70	11	8	9	950	10
814594408_80	8	80	13	8	8	1300	10
814594410_100	10	100	16	10	10	1700	5
814594411_120	11	120	18	11	15	1900	5



Bojen-Karabiner / A4-AISI 316

Buoy hook / Crochet d'amarage

8679

Bestell-Nr. Order no.	A	B	C	D	BL/Kg	Box
86794108_63	108	63	21	35	910	5



Öffnen und schließen nur mit dem Bootshaken
Open and close with boathook only

1

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

8305

Karabinerhaken mit Bügel / A4-AISI 316

Spring hook with bow / Mousqueton pompier ressort asymétrique



Bestell-Nr. Order no.	Ø	D	B	L	E	BL/Kg	Box
8305406	6	7	35	61	10	600	10
8305408	8	11	48	81	13	1600	10
8305410	10	13	58	102	15	2500	5
8305412	12	16	70	122	21	3000	5
8305416	16	25	97	165	27	3300	5

8948

Karabinerhaken mit Sicherheitsverschluss / A4-AISI 316

Spring hook with safety latch / Mousqueton pompier avec fermeture de sécurité



Bestell-Nr. Order no.	Ø	L	B	C	D	BL/Kg	Box
8948406_60	6	60	30	7,5	8,5	272	10
8948408_80	8	80	40	10	12	508	10
8948410_100	10	100	50	12	15	728	5

8949

Karabinerhaken mit Springverschluss / A4-AISI 316

Spring hook with self-lock nut / Mousqueton pompier ouverture extérieure avec fermeture automatique

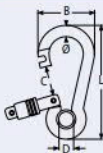


Bestell-Nr. Order no.	Ø	L	B	C	D	BL/Kg	Box
8949405_50	5	55	26	15	8	387	10
8949406_60	6	60	30	16	8,5	417	10
8949408_80	8	80	40	23	12	990	10
8949410_100	10	100	50	27	15	1300	5

8950

Karabinerhaken mit Springverschluss und Kausche / A4-AISI 316

Spring hook with eyelet and self-lock nut / **



Bestell-Nr. Order no.	Ø	L	B	C	D	BL/Kg	Box
8950405_50	5	50	26	15	7,8	387	10
8950406_60	6	60	30	16	7,8	417	10
8950408_80	8	80	40	23	10,8	990	10
8950410_100	10	100	50	27	14,0	1300	5

**Mousqueton pompier à oeil ouverture extérieure avec fermeture automatique

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

1

1

Karabinerhaken asym. m. Sicherheitsmutter und Kausche / A4-AISI 316

Spring hook asymmetric with lock nut and eyelet / Mousqueton asymétrique à œil avec vis de sécurité

Bestell-Nr. Order no.	Ø	L	B	C	D	BL/Kg	Box
8951406_60	6	60	35	9	8	456	10
8951408_80	8	80	46	12,5	11	728	10
8951410_100	10	100	60	16	14	1092	5
8951411_120	11	120	70	21,5	18	1260	5



8951



Karabinerhaken mit Sicherheitsmutter / A4-AISI 316

Spring hook with lock nut / Mousqueton asymétrique avec vis de sécurité

Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
8953411_120	11	120	70	24	1600	5



8953



Karabinerhaken mit Sicherheitsmutter und Steg / A4-AISI 316

Spring hook with lock nut and bar / Mousqueton asymétrique à barette avec vis de sécurité

Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
8954411_120	11	120	70	24	1600	5



8954



Karabinerhaken mit Sicherheitsmutter / A4-AISI 316

Spring hook with lock nut / Mousqueton - vis de sécurité

Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
8955411_115	10	115	60	19	2720	5



8955



1

Schäkel, Karabinerhaken und Wirbel

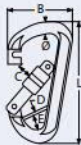
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

8956

Karabinerhaken mit Springverschluss und Steg / A4-AISI 316

Spring hook with self-locking sleeve and bar / Mousqueton à fermeture automatique avec barette



Bestell-Nr. Order no.	Ø	L	B	C	D	E	BL/Kg	Box
8956408_64	8	80	45	12	1,7	13	1330	10
8956410_80	10	100	55	14	2,0	16	2510	5

8957

Karabinerhaken mit Springverschluss / A4-AISI 316

Spring hook with self-locking sleeve / Mousqueton à fermeture automatique



Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
8957408_64	8	80	45	11,5	1590	10
8957410_80	10	100	55	14,0	1680	5

8958

Karabinerhaken mit Sicherheitsmutter / A4-AISI 316

Spring hook with lock nut / Mousqueton avec vis de sécurité

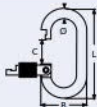


Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
8958406_60	6	60	30	8,5	272	10
8958408_80	8	80	40	10	508	10
8958410_100	10	100	50	12	728	5
8958411_120	11	120	60	17	816	5

8959

Karabinerhaken mit Sicherheitsmutter / A4-AISI 316

Spring hook with lock nut / Mousqueton ouverture extérieure avec vis de sécurité



Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
8959406_55	6	52	27	14	440	10
8959408_70	8	70	35	18	905	10

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

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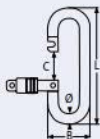
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Karabinerhaken mit Springverschluss / A4-AISI 316

Spring hook opening with self-locking nut / Mousqueton ouverture extérieure avec fermeture automatique

8960

Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
8960405_70	5	70	25	15	370	10
8960406_80	6	80	30	16	440	10
8960408_90	8	90	35	23	905	10
8960410_110	10	110	40	27	1395	5

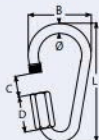


Karabinerhaken mit Schraubverbinder / A4-AISI 316

Spring hook with screw connector / Mousqueton avec vis de raccord

8961

Bestell-Nr. Order no.	Ø	B	L	C	D	BL/Kg	Box
8961404_61	4	32	61	11	19	850	10
8961405_70	5	37	70	13	22	1350	10
8961406_82	6	42	82	14	25	2000	10
8961408_100	8	53	100	17	31	3300	10
8961410_118	10	63	118	20	36	5500	5
8961412_144	12	76	144	23	43	7500	5



Karabinerhaken, asymmetrisch mit Kausche / A4-AISI 316

Asymmetric spring hook with eyelet / Mousqueton pompier asymétrique avec œil

8322

Bestell-Nr. Order no.	Ø	L	C	D	B	BL/Kg	Box
8322408_80	8	80	13	11	45	870	10
8322410_100	10	100	18	14	58	1350	5
8322411_120	11	120	24	18	70	1500	5



Karabinerhaken / A4-AISI 316

Spring hook / Mousqueton à œil

8251

Bestell-Nr. Order no.	L	B	C	D	BL/Kg	Box
82514050	50	24	10	10,5	200	10
82514070	70	31	12	13,0	700	10
82514100	100	46	22	21,0	1800	5



Schäkel, Karabinerhaken und Wirbel

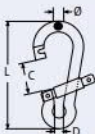
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

8293

Karabinerhaken mit Spezialverschluss / A4-AISI 316

Spring hook with special closure / Mousqueton pompier grand passage

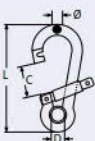


Bestell-Nr. Order no.	Ø	L	D	C	BL/Kg	Box
8293408_80	8	80	8,0	15	800	10
8293410_100	10	100	10,5	17	1200	5
8293411_120	11	120	15,0	23	2000	5

8294

Karabinerhaken mit Spezialverschluss und Kausche / A4-AISI 316

Snap hook with special closure and eyelet / Mousqueton pompier à œil grand passage



Bestell-Nr. Order no.	Ø	L	C	D	BL/Kg	Box
8294408_80	8	80	19	10	800	10
8294410_100	10	100	22	14	1200	5
8294411_120	11	120	26	17	2000	5

8257

Schnapphaken mit Wirbelauge / A4-AISI 316

Swivel eye snap / Mousqueton à emerillon

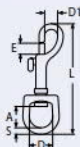


Bestell-Nr. Order no.	C	B	L	BL/Kg	Box
8257416	11	21	86,0	150	5
8257419	12	21	99,5	250	5
8257422	16	21	117,5	350	5

8303

Wirbelkarabiner / A4-AISI 316

Swivel eye bolt snap / Mousqueton targette à emerillon



Bestell-Nr. Order no.	D	D1	S	A	L	E	Box
8303409	9	7	3	10,5	62	7	10
8303412	12	8	4	13,5	75	8	10
8303416	16	9	4	15,5	87	9	5
8303419	19	9	5	19,0	90	9	5

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

1

Schnapphaken mit Wirbel / A4-AISI 316

Trigger snap with eye bail / Mousqueton gachette à émerillon

8534

Bestell-Nr. Order no.	D	L	L1	BL/Kg	Box
8534413	13	65	16	600	5
8534416	16	65	19	700	5



Doppelkarabiner / A4-AISI 316

Double snap hook / Mousqueton à targette double

8416

Bestell-Nr. Order no.	L	C	D	BL/Kg	Box
8416415	115	10	11	200	5



Sicherheitskarabinerhaken mit zweifacher Sperre / A4-AISI 316

Safety spring hook with double locking equipment / Mousqueton de sécurité avec double fermeture

8338

Bestell-Nr. Order no.	L	D	C	B	BL/Kg	Box
8338410_110	110	20	19	62	1400	5

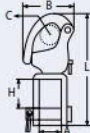


Schnappschäkel mit Wirbelschäkel / A4-AISI 316

Swivel snap shackle / Mousqueton de drisse à chape

8262

Bestell-Nr. Order no.	L	H	C	B	A	BL/Kg	Box
82624070	70	9	12	33	12	1900	5
82624087	87	15	16	42	13	2900	5
82624128	128	20	22	58	22	3900	5



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Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

8252

Schnappschäkel mit Wirbelauge / A4-AISI 316

Swivel snap shackle / Mousqueton de drisse à émerillon

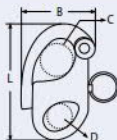


Bestell-Nr. Order no.	L	C	D	B	BL/Kg	Box
82524070	70	12	12	33	1400	5
82524087	87	16	16	42	2400	5
82524128	128	22	22	58	3500	5

8288

Schnappschäkel / A4-AISI 316

Fixed snap shackle / Mousqueton de drisse à œil fixe



Bestell-Nr. Order no.	L	C	D	B	BL/Kg	Box
8288435	35	9	6	23	800	5
8288445	45	10	8	29	1500	5
8288452	52	12	9	35	1500	5
8288466	66	16	12	45	2700	5
8288496	96	22	16	60	4600	5

8290

Schotschäkel / A4-AISI 316

Sheet snap shackle / Mousqueton d'écoute

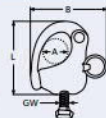


Bestell-Nr. Order no.	L	B	A	BL/Kg	Box
8290452	52	12	10	1100	5
8290466	66	15	14	1700	5
8290496	96	25	18	3100	5

8289

Schnappschäkel mit Schraube / A4-AISI 316

Snap shackle with screw / Mousqueton de drisse à vis



Bestell-Nr. Order no.	GW	A	L	B	BL/Kg	Box
8289406	M6	12	42	30	1800	5
8289408	M8	16	53	40	2700	5
8289410	M10	22	75	62	4800	5

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

1

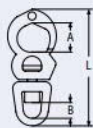
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Schnappschäkel mit Wirbelauge / A4-AISI 316

Swivel snap shackle / Mousqueton de largage rapire à émerillon

8661

Bestell-Nr. Order no.	L	A	B	BL/Kg	Box
86614085	85	18	12	1500	1
86614105	105	24	14	2500	1
86614125	125	27	18	3500	1



Stagreiter / A4-AISI 316

Knock on piston hank / Bague de foc à materillon

8533

Bestell-Nr. Order no.	L	A	B	BL/Kg	Box
8533450	50	6,5	25	250	10
8533465	65	10	35	550	10
8533490	90	13	49	1000	5



Wirbel, Auge-Auge / A4-AISI 316

Eye and eye swivel / Emerillon œil / œil

8254

Bestell-Nr. Order no.	Ø	L	B	A	BL/Kg	Box
8254405	5	60	13	13	820	10
8254406	6	65	15	15	1350	10
8254408	8	90	22	20	2500	10
8254410	10	115	27	24	3500	5
8254413	13	154	35	32	6000	1
8254416	16	188	45	39	10800	1
8254419	19	231	50	41	16100	1

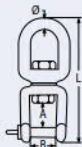


Wirbelschäkel, Auge-Gabel / A4-AISI 316

Eye and jaw swivel shackle / Emerillon œil / manille

8255

Bestell-Nr. Order no.	Ø	L	B	A	BL/Kg	Box
8255405	5	60	10	11,5	640	10
8255406	6	66	12	11	1350	10
8255408	8	94	16	16	2500	10
8255410	10	118	22	22	3500	5
8255413	13	152	28	28	6000	1
8255416	16	188	34	37	9800	1
8255419	19	229	38	45	15000	1



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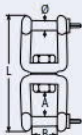
Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

8256

Wirbelschäkel, Gabel-Gabel / A4-AISI 316

Jaw and jaw swivel shackle / Emerillon à manille double

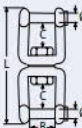


Bestell-Nr. Order no.	Ø	L	B	A	BL/Kg	Box
8256405	5	60	10	11	600	10
8256406	6	66	12	11	1350	10
8256408	8	88	16	16	2500	10
8256410	10	118	20	22	3500	5
8256413	13	152	28	28	6000	1
8256416	16	188	34	37	9800	1
8256419	19	229	38	45	15000	1

8535

Wirbelschäkel, Gabel-Gabel mit Innensechskant / A4-AISI 316

Jaw and jaw swivel shackle with hexagon socket / Emerillon à manille double avec vis six pans creux

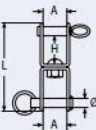


Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
8535405	5	60	10	11	600	10
8535406	6	66	12	11	1350	10
8535408	8	88	16	16	2500	10
8535410	10	118	20	22	3500	5
8535413	13	152	26	28	6000	1
8535416	16	188	34	37	10800	1
8535419	19	229	38	45	16100	1

8364

Wirbelschäkel, flach, Gabel-Gabel / A2-AISI 304

Jaw and jaw flat swivel shackle / Emerillon à 2 chapes



Bestell-Nr. Order no.	Ø	A	L	H	Box
8364212_47	5	12	47	10	10
8364214_55	6	14	62	11	10

814105

Wirbelschäkel, Auge-Gabel mit Innensechskant / A4-AISI 316

Eye and jaw swivel shackle with hexagon socket / Emerillon à œil et manille avec vis six pans creux



Bestell-Nr. Order no.	Ø	L	A	B	BL/Kg	Box
814105405	5	60	11	10	400	10
814105406	6	66	12	12	600	10
814105408	8	92	16	16	1200	10
814105410	10	118	22	20	2000	5
814105413	13	152	28	26	4000	1
814105416	16	188	34	32	6000	1
814105419	19	229	44	38	8000	1

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

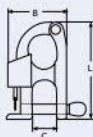
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Wasserskihaken / A4-AISI 316

Waterski hook / Crochet pour ski nautique

8485

Bestell-Nr. Order no.	C	L	B	BL/Kg	Box
8485460	16	60	36,5	800	5



Karabinerhaken, Alu - verschiedene Farben

Alu snap hook, different colors / Mousqueton en Alu - couleurs différente

8488

Bestell-Nr. Order no.	Farbe Colour	Ø	L	A1	A	C	BL/Kg	Box
848805 50	Gemischt / Mixed	5	50	6	10	8	100	10
848805 50BL	Blau / Blue	5	50	6	10	8	100	10
848805 50RO	Rot / Red	5	50	6	10	8	100	10
848805 50SI	Silber / Silver	5	50	6	10	8	100	10
848805 50GE	Gelb / Yellow	5	50	6	10	8	100	10
848805 50SC	Schwarz / Black	5	50	6	10	8	100	10
848806 60	Gemischt / Mixed	6	60	8	11	9	160	10
848806 60BL	Blau / Blue	6	60	8	11	9	160	10
848806 60RO	Rot / Red	6	60	8	11	9	160	10
848806 60SI	Silber / Silver	6	60	8	11	9	160	10
848806 60GE	Gelb / Yellow	6	60	8	11	9	160	10
848806 60SC	Schwarz / Black	6	60	8	11	9	160	10
848808 80	Gemischt / Mixed	8	80	8	13	9	350	10
848808 80BL	Blau / Blue	8	80	8	13	9	350	10
848808 80RO	Rot / Red	8	80	8	13	9	350	10
848808 80SI	Silber / Silver	8	80	8	13	9	350	10
848808 80GE	Gelb / Yellow	8	80	8	13	9	350	10
848808 80SC	Schwarz / Black	8	80	8	13	9	350	10

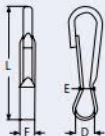


Simplex - Karabinerhaken / A2-AISI 304

Simplex spring hook / Mousqueton simple

814387

Bestell-Nr. Order no.	L	D	E	F	Box
814387230	30	5,6	1,4	3,6	100
814387240	40	8,2	1,5	5,0	100
814387250	50	9,2	2,4	6,3	50
814387260	60	11,3	3,0	7,1	50



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Schäkel, Karabinerhaken und Wirbel

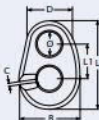
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

814656

Brummelhaken / A4-AISI 316

Eye hook / Crochet Accélérateur



Bestell-Nr. Order no.	Ø	L	B	D	L1	C	Box
814656406	16	57,5	38	27	22,3	2	10

814668

Karabinerhaken / Alu

Spring hook / Crochet Accélérateur Alu

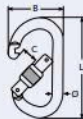


Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
814668012 113	12	113	62,5	22	2400	5

814669

Karabinerhaken mit Sicherungsmutter / Alu

Spring hook with safety screw / Mousqueton Alu



Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
814669012 113	12	113	62,5	19	2400	5

814670

Karabinerhaken / Alu

Spring hook / Mousqueton Alu



Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
814670012 116	12	116,5	74,5	24,5	2400	5

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels
Manilles, mousquetons, emerillons

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Karabinerhaken / Alu
Spring hook / Mousqueton Alu

814671

Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
814671011 100	11	100	58,5	25	2200	5



Karabinerhaken / Alu
Spring hook / Mousqueton Alu

814672

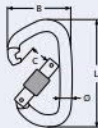
Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
814672012 111	12	111,5	66,8	21,5	2600	5



Karabinerhaken mit Sicherungsmutter / Alu
Spring hook with safety screw / Mousqueton Alu

814673

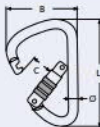
Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
814673012 111	12	111,5	66,8	19	2600	5



Karabinerhaken mit Sicherungsmutter / Alu
Spring hook with safety screw / Mousqueton Alu

814674

Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
814674012 116	12	116,5	74,5	22	2400	5



Schäkel, Karabinerhaken und Wirbel

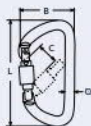
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

8493

Karabinerhaken mit Einpunkt-Sicherung / Alu

Single point alu spring hook / Mousqueton en Alu, 1 point de protection

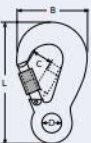


Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
8493011_116	11	116	64	22	2200	5

8494

Sicherungskarabinerhaken / Alu

Safety spring hook / Mousqueton de sécurité en Alu à œil

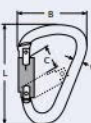


Bestell-Nr. Order no.	L	D	C	B	BL/Kg	Box
84940130	130	21	21	80	2000	5

8490

Karabinerhaken mit Einpunkt-Sicherung, 1/4 Drehung / Alu

1/4 turn single point spring hook / Mousqueton en Alu - 1 point de protection - 1/4 de tour



Bestell-Nr. Order no.	Ø	L	B	C	BL/Kg	Box
8490012_120	12	120	80	25	2400	5
8490014_190	14	190	104	46	2600	5

8492

Abseilachter / Alu

Alu figure eight descender / Crochet en huit

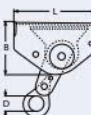


Bestell-Nr. Order no.	L	A	B	C	E	BL/Kg	Box
84920145	145	51	26	48	76	3000	5

8491

Steigklemme, Fallsicherung / A2-AISI 304

Rope shortener / Kit d'ascension



Bestell-Nr. Order no.	Seil-Ø Rope-Ø	L	B	D	Box
8491212	12	122	78	22	1
8491216	16	122	78	22	1