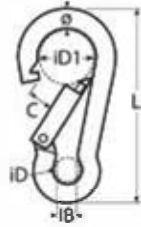


1

Schacklar och hakar

8249

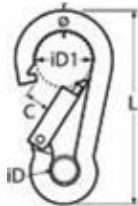
Karabinerhaken / A4-AISI 316
Spring hook / Mousqueton pompier



Bestell-Nr. Order no.	ø	L	iD	iD1	C	iB	**BL kg	Box	*€/Stück *€/pi
8249403 30	3	30	5	8	5	4	140	10	
8249404 40	4	40	9	12	7	5	260	10	
8249405 50	5	50	10	15	8	6	390	10	
8249406 60	6	60	11	18	9	8	500	10	
8249407 70	7	70	13	21	9	8	550	10	
8249408 80	8	80	13	24	9	8	640	10	
NEW 8249409 90	9	90	13	27	10	10	730	10	
8249410 100	10	100	16	30	12	10	870	5	
8249411 120	11	120	18	36	16	11	1000	5	
8249412 140	12	140	20	41	19	13	1100	5	
NEW 8249413 160	13	160	22	51	25	19	1300	5	
NEW 8249414 180	14	180	26	55	30	25	1510	2	

8250

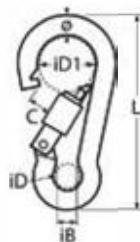
Karabinerhaken mit Kausche / A4-AISI 316
Spring hook with eyelet / Mousqueton pompier à œil



Bestell-Nr. Order no.	ø	L	iD	iD1	C	**BL kg	Box	*€/Stück *€/piece
8250404 40	4	40	4	12	7	260	10	
8250405 40	5	50	6	15	8	390	10	
8250406 60	6	60	7	18	9	500	10	
8250407 70	7	70	9	21	9	550	10	
8250408 80	8	80	10	24	9	640	10	
NEW 8250409 90	9	90	10	27	10	730	10	
8250410 100	10	100	13	30	12	870	5	
8250411 120	11	120	14	36	16	1000	5	
8250412 140	12	140	18	41	19	1100	5	
NEW 8250413 160	13	160	20	51	25	1300	5	

814594

Karabinerhaken mit Sicherheitsmutter / A4-AISI 316
Spring hook with screw sleeve / Mousqueton pompier avec écrou de sécurité



Bestell-Nr. Order no.	ø	L	iD	iD1	C	iB	**BL kg	Box	*€/Stück *€/piece
814594404 40	4	40	5	12	7	5	260	10	
814594405 50	5	50	9	15	8	6	390	10	
814594406 60	6	60	10	18	9	8	480	10	
814594407 70	7	70	11	21	9	8	540	10	
814594408 80	8	80	13	24	8	8	610	10	
NEW 814594409 90	9	90	13	27	10	10	730	10	
814594410 100	10	100	16	30	10	10	850	5	
814594411 120	11	120	18	36	15	11	940	5	
NEW 814594412 140	12	140	20	41	19	16	1100	5	
NEW 814594413 160	13	160	22	51	25	19	1300	5	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

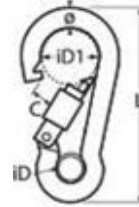
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Karabinerhaken mit Sicherheitsmutter und Kausche / A4-AISI 316

Spring hook with screw sleeve and eyelet / Mousqueton pompier à ceil avec écrou de sécurité

8232

Bestell-Nr. Order no.	ø	L	iD	iD1	C	**BL kg	Box	*€/Stück *€/piece
8232404 40	4	40	4	12	7	260	10	
8232405 50	5	50	6	15	8	390	10	
8232406 60	6	60	7	18	9	480	10	
8232407 70	7	70	9	21	9	540	10	
8232408 80	8	80	10	24	8	610	10	
8232409 90	9	90	10	27	10	730	10	
8232410 100	10	100	13	30	10	850	5	
8232411 120	11	120	14	36	15	940	5	
8232412 140	12	140	18	41	19	1100	5	
8232413 160	13	160	20	51	25	1300	5	

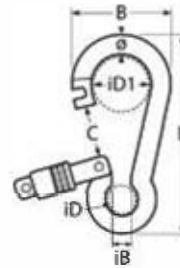


Karabinerhaken mit Springverschluss / A4-AISI 316

Spring hook with self-lock sleeve / Mousqueton pompier ouverture extérieure, fermeture automatique

8949

Bestell-Nr. Order no.	ø	L	B	iD	iD1	C	iB	**BL kg	Box	*€/Stück *€/piece
8949405 50	5	55	26	8	17	15	6	190	10	
8949406 60	6	60	30	8	19	16	6	210	10	
8949408 80	8	80	40	12	24	23	8	500	10	
8949410 100	10	100	50	15	30	27	10	790	5	

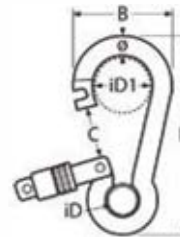


Karabinerhaken mit Springverschluss und Kausche / A4-AISI 316

Spring hook with self-lock sleeve and eyelet / Mousqueton pompier à oeil ouverture extérieure, fermeture automatique

8950

Bestell-Nr. Order no.	ø	L	B	iD	iD1	C	**BL kg	Box	*€/Stück *€/piece
8950405 50	5	55	26	7,8	17	15	190	10	
8950406 60	6	60	30	7,8	19	16	210	10	
8950408 80	8	80	40	10,8	24	23	500	10	
8950410 100	10	100	50	14,0	30	27	790	5	

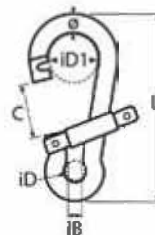


Karabinerhaken mit Spezialverschluss / A4-AISI 316

Spring hook with wide opening / Mousqueton pompier avec grand passage

8293

Bestell-Nr. Order no.	ø	L	iD	iD1	C	iB	**BL kg	Box	*€/Stück *€/piece
8293408 80	8	80	12	23	15	9	570	10	
8293410 100	10	100	16	30	17	12	830	5	
8293411 120	11	120	19	36	23	15	900	5	

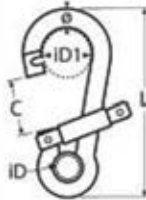


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Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

8294

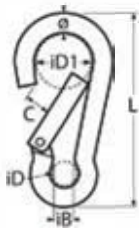
Karabinerhaken mit Spezialverschluss und Kausche / A4-AISI 316
Spring hook with wide opening and eyelet / Mousqueton pompier avec œil aux grand passage



Bestell-Nr. Order no.	ø	L	iD	iD1	C	**BL kg	Box	*€/Stück *€/piece
8294408 80	8	80	9	23	19	570	10	
8294410 100	10	100	13	30	22	830	5	
8294411 120	11	120	15	36	26	900	5	

8488

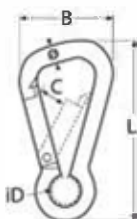
Alu-Karabinerhaken / Alu
Alu spring hook / Mousqueton pompier en alu



Bestell-Nr. Order no.	Farbe Colour	ø	L	iD	iD1	C	iB	Box	*€/Stück *€/piece
848805 50	Gemischt / Mixed	5	50	10	15	8	6	10	
848805 50BL	Blau / Blue	5	50	10	15	8	6	10	
848805 50RO	Rot / Red	5	50	10	15	8	6	10	
848805 50SI	Silber / Silver	5	50	10	15	8	6	10	
848805 50GE	Gelb / Yellow	5	50	10	15	8	6	10	
848805 50SC	Schwarz / Black	5	50	10	15	8	6	10	
848806 60	Gemischt / Mixed	6	60	11	16	9	8	10	
848806 60BL	Blau / Blue	6	60	11	16	9	8	10	
848806 60RO	Rot / Red	6	60	11	16	9	8	10	
848806 60SI	Silber / Silver	6	60	11	16	9	8	10	
848806 60GE	Gelb / Yellow	6	60	11	16	9	8	10	
848806 60SC	Schwarz / Black	6	60	11	16	9	8	10	
848808 80	Gemischt / Mixed	8	80	13	25	9	8	10	
848808 80BL	Blau / Blue	8	80	13	25	9	8	10	
848808 80RO	Rot / Red	8	80	13	25	9	8	10	
848808 80SI	Silber / Silver	8	80	13	25	9	8	10	
848808 80GE	Gelb / Yellow	8	80	13	25	9	8	10	
848808 80SC	Schwarz / Black	8	80	13	25	9	8	10	

814841

Karabinerhaken, asymmetrisch / A4-AISI 316
Asymmetric spring hook / Mousqueton pompier asymétrique



Bestell-Nr. Order no.	ø	L	B	iD	C	**BL kg	Box	*€/Stück *€/piece
814841406 60	6	60	35	9	10	430	10	
814841408 80	8	80	47	12	13	690	10	
814841410 100	10	100	60	15	17	750	5	
814841411 120	11	120	70	18	22	950	5	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

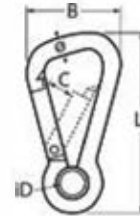
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Karabinerhaken mit Kausche, asymmetrisch / A4-AISI 316

Asymmetric spring hook with eyelet / Mousqueton pompier asymétrique à œil

8322

Bestell-Nr. Order no.	∅	L	B	iD	C	**BL kg	Box	*€/Stück *€/piece
8322408 80	8	80	45	11	13	690	10	
8322410 100	10	100	58	14	18	750	5	
8322411 120	11	120	70	18	24	950	5	



Karabiner mit Sicherheitsmutter und Kausche, asymmetrisch / A4-AISI 316

Asymmetric spring hook with screw sleeve and eyelet / Mousqueton asym. à œil avec écrou de sécurité

8951

Bestell-Nr. Order no.	∅	L	B	iD	C	**BL kg	Box	*€/Stück *€/piece
8951406 60	6	60	35	8	9	440	10	
8951408 80	8	80	46	11	12	640	10	
8951410 100	10	100	60	14	16	870	5	
8951411 120	11	120	70	18	21	1350	5	

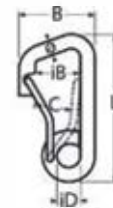


Karabinerhaken mit Bügel / A4-AISI 316

Spring hook with bow / Mousqueton pompier à ressort asymétrique

8305

Bestell-Nr. Order no.	∅	L	B	iD	C	iB	**BL kg	Box	*€/Stück *€/piece
8305406	6	61	35	7	10	18	440	10	
8305408	8	81	48	11	13	24	1020	10	
8305410	10	102	58	13	15	31	1450	5	
8305412	12	122	70	16	21	41	1880	5	
8305416	16	165	97	25	27	53	2820	5	



Karabinerhaken mit Sicherheitsmutter, asymmetrisch / A4-AISI 316

Asymmetric spring hook with screw sleeve / Mousqueton asymétrique avec écrou de sécurité

8953

Bestell-Nr. Order no.	∅	L	B	C	**BL kg	Box	*€/Stück *€/piece
8953411 120	11	120	70	24	1360	5	

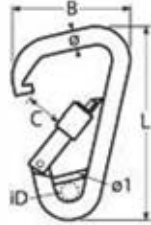


1

Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

8954

Karabinerhaken mit Sicherheitsmutter und Steg, asymmetrisch / A4-AISI 316
Asymmetric spring hook with screw sleeve and bar / Mousqueton asym. avec écrou de sécurité et barette



Bestell-Nr. Order no.	ø	L	B	iD	C	ø1	**BL kg	Box	*€/Stück *€/piece
8954411 120	11	120	70	15	24	3,9	1360	5	

8489

Delta-Schraubverbinder / A4-AISI 316
Delta quick link / Maillon rapide delta



Bestell-Nr. Order no.	ø	iL	iB	C	**BL kg	Box	*€/Stück *€/piece
8489404	4	31	26	5	500	10	
8489405	5	38	30	6	790	10	
8489406	6	44	34	7	1130	10	
8489408	8	56	39	10	2000	5	
8489410	10	68	46	12	3100	5	

8955

Karabinerhaken mit Sicherheitsmutter / A4-AISI 316
Spring hook with screw sleeve / Mousqueton avec écrou de sécurité



Bestell-Nr. Order no.	ø	L	B	C	**BL kg	Box	*€/Stück *€/piece
8955410 115	10	115	60	19	1200	5	

8957

Karabinerhaken mit Springverschluss / A4-AISI 316
Spring hook with self-lock sleeve / Mousqueton à fermeture automatique



Bestell-Nr. Order no.	ø	L	B	C	**BL kg	Box	*€/Stück *€/piece
8957408 64	8	80	45	11	900	10	
8957410 80	10	100	55	14	1180	5	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

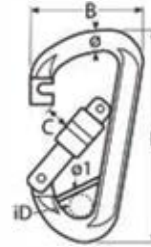
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Karabinerhaken mit Springverschluss und Steg / A4-AISI 316

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

8956

Bestell-Nr. Order no.	∅	L	B	iD	C	∅1	**BL kg	Box	*€/Stück *€/piece
8956408 64	8	80	45	13	11	2	900	10	
8956410 80	10	100	55	16	14	2	1180	5	



NEW

Karabinerhaken, oval / A4-AISI 316

Oval spring hook / Mousqueton oval

8962

Bestell-Nr. Order no.	∅	L	B	C	**BL kg	Box	*€/Stück *€/piece
8962405 50	5	50	25	8	340	10	
8962406 60	6	60	30	10	490	10	
8962408 80	8	80	40	14	630	10	
8962410 100	10	100	50	16	850	5	

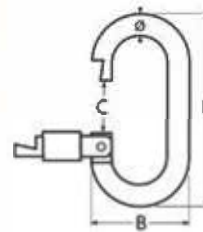


Karabinerhaken mit Sicherheitsmutter, oval / A4-AISI 316

Oval spring hook with screw sleeve / Mousqueton ovale, ouverture ext., écrou de sécurité

8959

Bestell-Nr. Order no.	∅	L	B	C	**BL kg	Box	*€/Stück *€/piece
8959406 55	6	52	27	14	280	10	
8959408 70	8	70	35	18	490	10	

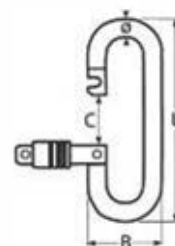


Karabinerhaken mit Springverschluss, oval / A4-AISI 316

Oval spring hook with self-lock sleeve / Mousqueton ovale ouverture ext. fermé automatique

8960

Bestell-Nr. Order no.	∅	L	B	C	**BL kg	Box	*€/Stück *€/piece
8960405 70	5	70	25	15	210	10	
8960406 80	6	80	30	16	260	10	
8960408 90	8	90	35	23	500	10	
8960410 110	10	110	40	27	1070	5	

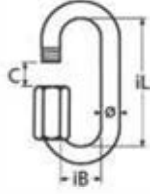


1

Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

8253

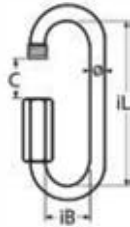
Schraubverbinder / A4-AISI 316
Quick link / Maillon rapide



Bestell-Nr. Order no.	ø	iL	iB	C	**BL kg	Box	*€/Stück *€/piece
8253403	3	25	9,0	4,3	360	20	
8253404	4	32	12,0	5,5	500	20	
8253405	5	39	13,0	6,5	790	20	
8253406	6	45	14,5	7,5	1130	10	
8253408	8	58	17,5	10,0	2000	10	
8253410	10	72	21,0	12,0	3100	5	
8253412	12	81	24,0	14,5	4500	5	

8838

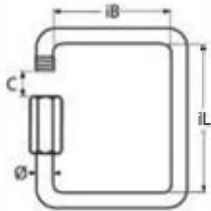
Schraubverbinder, lang / A4-AISI 316
Long quick link / Maillon rapide long



Bestell-Nr. Order no.	ø	iL	iB	C	**BL kg	Box	*€/Stück *€/piece
8838403	3,5	40	8,5	8,5	360	20	
8838404	4	45	11,5	11,5	500	20	
8838405	5	52	13,0	13,0	790	20	
8838406	6	60	14,5	15,0	1130	10	
8838408	8	72	17,0	18,0	2000	10	
8838410	10	85	20,0	20,0	3100	5	
8838412	12	100	23,0	23,0	4500	5	

814654

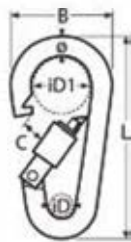
Schraubverbinder, quadratisch / A4-AISI 316
Square shape quick link / Maillon rapide rectangulaire



Bestell-Nr. Order no.	ø	iL	iB	C	**BL kg	Box	*€/Stück *€/piece
814654404	4	31,5	25	5,5	500	10	
814654405	5	37,5	28	6,5	790	10	
814654406	6	43,0	31	7,5	1130	10	
814654408	8	55,0	37	10,0	2000	5	
814654410	10	68,5	43	12,0	3100	5	

8958

Karabinerhaken mit Sicherheitsmutter, Birnenform / A4-AISI 316
Spring hook with screw sleeve, pear shaped / Mousqueton avec vis de sécurité, forme poire



Bestell-Nr. Order no.	ø	L	B	iD	iD1	C	**BL kg	Box	*€/Stück *€/piece
8958406 60	6	60	30	8	17	8	310	10	
8958408 80	8	80	40	10	23	10	540	10	
8958410 100	10	100	50	15	29	12	830	5	
8958411 120	11	120	60	16	35	17	1000	5	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

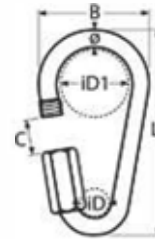
1

Schraubverbinder, Birnenform / A4-AISI 316

Quick link pear shaped / Maillon à visser, forme poire

8961

Bestell-Nr. Order no.	∅	L	B	iD	iD1	C	**BL kg	Box	*€/Stück *€/piece
8961404 61	4	61	32	12	22	11	860	10	
8961405 70	5	70	37	14	24	13	1450	10	
8961406 82	6	77	42	15	28	14	1840	10	
8961408 100	8	100	53	19	34	17	2940	10	
8961410 118	10	118	63	22	35	20	5060	5	
8961412 144	12	144	76	25	45	23	6460	5	



Karabinerhaken mit Sicherheitsverschluss / A4-AISI 316

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

8948

Bestell-Nr. Order no.	∅	L	B	iD	iD1	C	iB	**BL kg	Box	*€/Stück *€/piece
8948406 60	6	60	30	8	18	7	6	250	10	
8948408 80	8	80	40	12	24	10	9	590	10	
8948410 100	10	100	50	15	29	12	10	600	5	



Karabinerhaken mit Sperre / A4-AISI 316

Spring hook with snap locking / Mousqueton avec sécurité

8338

Bestell-Nr. Order no.	∅	L	B	iD	C	**BL kg	Box	*€/Stück *€/piece
8338410 110	10	110	62	20	19	890	5	



Bojen-Karabiner / A4-AISI 316

Mooring hook / Crochet d'amarrage

8679

Bestell-Nr. Order no.	L	B	iD	iD1	**BL kg	Box	*€/Stück *€/piece
86794108 63	108	63	21	35	620	5	



Zum Öffnen und Schließen mit dem Bootshaken.

For opening and closing with the boat hook.

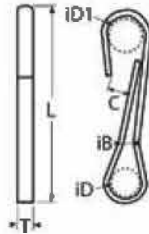
Pour ouverture et fermeture avec gaffe.

1

Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

814387

Simplexhaken / A2-AISI 304
Simplex hook / Mousqueton simplex



Bestell-Nr. Order no.	L	iD	iD1	C	T	iB	Box	*€/Stück *€/piece
814387230	30	5,6	6,6	5,0	3,6	1,4	100	
814387240	40	8,2	9,2	6,3	5,1	1,5	100	
814387250	50	9,1	10,9	8,5	6,3	2,4	50	
814387260	60	11,3	12,3	9,6	7,6	3,0	50	

8251

Karabinerhaken "Surf Snap" / A4-AISI 316
Spring hook "surf-snap" / Mousqueton à œil "Surf Snap"



Bestell-Nr. Order no.	L	B	iD	C	Box	*€/Stück *€/piece
82514050	50	24	7	10	10	
82514070	70	30	10	13	10	
82514100	100	44	15	20	5	

814959

Alu-Karabinerhaken "Surf Snap" / Alu
Alu-spring hook "surf-snap" / Mousqueton à œil "Surf Snap" en alu

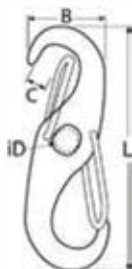
NEW



Bestell-Nr. Order no.	Farbe Colour	L	B	iD	C	Box	*€/Stück *€/piece
814959054	Gemischt / Mixed	54	23	10	14	10	

814844

Doppelkarabinerhaken / A4-AISI 316
Double spring hook / Mousqueton double à œil



Bestell-Nr. Order no.	L	B	iD	C	Box	*€/Stück *€/piece
8148444080	80	24	10	10	5	
8148444110	110	31	13	12	5	
8148444150	150	46	21	22	2	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

1

NEW

Alu-S-Haken mit Sicherung / Alu

Alu-S-hook with safety latch / Crochet en S en alu avec linguet de sécurité

814958

Bestell-Nr. Order no.	Farbe Colour	L	B	C	Box	*€/Stück *€/piece
814958060	Gemischt / Mixed	60	30	13	10	
814958080	Gemischt / Mixed	80	40	16	10	



Stagreiter / A4-AISI 316

Piston hank / Mousqueton de foc

8533

Bestell-Nr. Order no.	L	B	iD	iD1	Box	*€/Stück *€/piece
8533450	50	25	6	7	10	
8533465	65	35	10	11	10	
8533490	90	49	13	17	5	

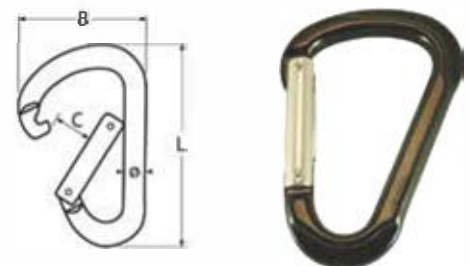


Alu-Karabinerhaken / Alu

Alu spring hook / Mousqueton asymétrique en alu

814670

Bestell-Nr. Order no.	∅	L	B	C	Box	*€/Stück *€/piece
814670012 116	12	117	75	24	5	

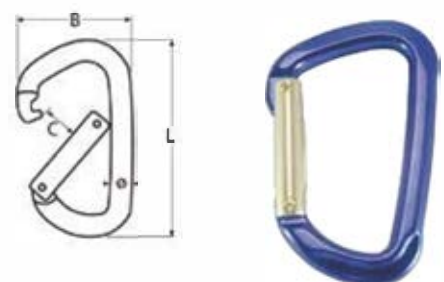


Alu-Karabinerhaken / Alu

Alu spring hook / Mousqueton asymétrique en alu

814672

Bestell-Nr. Order no.	∅	L	B	C	Box	*€/Stück *€/piece
814672012 111	12	112	67	21	5	

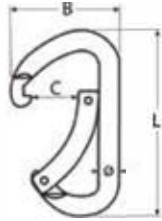


1

Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

814671

Alu-Karabinerhaken / Alu
Alu spring hook / Mousqueton asymétrique en alu



Bestell-Nr. Order no.	Ø	L	B	C	Box	*€/Stück *€/piece
814671011	100	11	100	59	25	5

814669

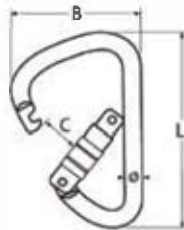
Alu-Karabinerhaken mit Sicherungsmutter / Alu
Alu spring hook with screw sleeve / Mousqueton asymétrique avec vis de sécurité en alu



Bestell-Nr. Order no.	Ø	L	B	C	Box	*€/Stück *€/piece
814669012	113	12	113	63	19	5

814674

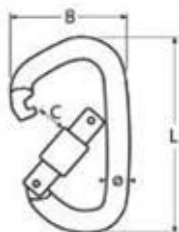
Alu-Karabinerhaken mit Sicherungsmutter / Alu
Alu spring hook with screw sleeve / Mousqueton asymétrique avec vis de sécurité en alu



Bestell-Nr. Order no.	Ø	L	B	C	Box	*€/Stück *€/piece
814674012	116	12	117	75	22	5

814673

Alu-Karabinerhaken mit Sicherungsmutter / Alu
Alu spring hook with screw sleeve / Mousqueton asymétrique avec vis de sécurité en alu



Bestell-Nr. Order no.	Ø	L	B	C	Box	*€/Stück *€/piece
814673012	111	12	112	67	19	5

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

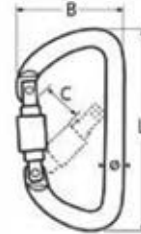
1

Alu-Karabinerhaken mit Sicherungsmutter / Alu

Alu spring hook with screw sleeve / Mousqueton asymétrique avec vis de sécurité en alu

8493

Bestell-Nr. Order no.	∅	L	B	C	Box	*€/Stück *€/piece
8493011 116	12	116	64	22	5	



Alu-Karabiner mit Drehverschluss / Alu

Alu spring hook with twist lock / Mousqueton avec fermeture 1/4 de tour en alu

8490

Bestell-Nr. Order no.	∅	L	B	C	Box	*€/Stück *€/piece
8490012 120	12	120	80	25	5	
8490014 190	14	190	104	46	5	



NEW

Alu-Karabinerhaken mit Schlüsselringen / Alu / Stahl

Alu spring hook with key rings / Mousqueton en alu avec anneaux de porte-clé

814960

Bestell-Nr. Order no.	Farbe Colour	L	B	iD	C	Box	*€/Stück *€/piece
814960076BL	Blau / Blue	76	45	22	23	10	
814960076SC	Schwarz / Black	76	45	22	23	10	
814960076RO	Rot / Red	76	45	22	23	10	
814960076SI	Silber / Silver	76	45	22	23	10	
814960076OR	Orange / orange	76	45	22	23	10	

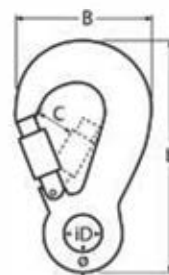


Alu-Karabinerhaken mit Sicherungsmutter / Alu

Alu spring hook with screw sleeve / Mousqueton en alu avec vis de sécurité à œil

8494

Bestell-Nr. Order no.	∅	L	B	iD	C	Box	*€/Stück *€/piece
84940130	16	130	80	21	21	5	



1

Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

8287

Trailerhaken / A4-AISI 316
Trailer hook / Croc de palan



Bestell-Nr. Order no.	ø	L	B	iD	C	**BL kg	Box	*€/Stück *€/piece
8287419	7	100	48	19	20	930	5	
8287428	9	115	52	28	23	1410	5	

8971

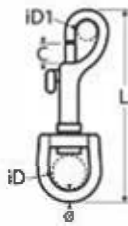
Trailerhaken mit Wirbel / A4-AISI 316
Trailer hook with swivel / Croc de palan à gachette



Bestell-Nr. Order no.	ø	L	B	iD	C	**BL kg	Box	*€/Stück *€/piece
8971428	7	147	69	28	18	2000	1	
8971436	12	193	97	36	33	3700	1	

8303

Wirbelkarabiner / A4-AISI 316
Swivel eye bolt snap / Mousqueton targette à émerillon



Bestell-Nr. Order no.	ø	L	iD	iD1	C	Box	*€/Stück *€/piece
8303409	3	64	10	7	7	10	
8303412	4	80	13	8	8	10	
8303416	5	87	16	9	9	5	
8303419	5	90	19	9	10	5	

814977

Wirbelkarabiner mit rundem Auge / A4-AISI 316
Swivel eye bolt snap with round eye / Mousqueton à targette émerillon à œil rond

NEW



Bestell-Nr. Order no.	ø	L	iD	iD1	C	Box	*€/Stück *€/piece
8149774105	6	105	22	13	13	5	
8149774120	6	120	26	13	13	5	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

1

Schnapphaken mit Wirbelauge / A4-AISI 316

Snap hook with swivel eye / Mousqueton à émerillon

8257

Bestell-Nr. Order no.	ø	L	iD1	C	Box	*€/Stück *€/piece
8257416	4,4	86	21	11	5	
8257419	5,8	100	21	12	5	
8257422	7,3	118	21	16	5	

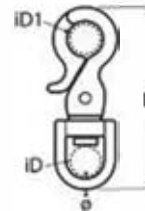


Schnapphaken mit Wirbelauge / A4-AISI 316

Trigger snap with swivel eye / Mousqueton gachette à émerillon

8534

Bestell-Nr. Order no.	ø	L	iD	iD1	Box	*€/Stück *€/piece
8534413	4,3	65	12	10	5	



HS SPRENGER

Sprenger Schnapphaken mit Wirbelauge / A4-AISI 316

Sprenger snap hook with swivel eye / Mousqueton à émerillon Sprenger

814971

NEW

Bestell-Nr. Order no.	L	iD	C	Box	*€/Stück *€/piece
8149712045	45	6,0	5	2	
8149712056	56	8,0	6	2	
8149712061	61	11,6	6	2	
8149712075	75	9,2	11	2	



Doppelkarabiner / A4-AISI 316

Double snap hook / Mousqueton à double targette

8416

Bestell-Nr. Order no.	L	iD1	C	Box	*€/Stück *€/piece
84164090	90	8	9	5	
84164100	100	10	11	5	
84164115	115	11	10	5	

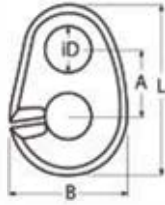


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Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

814656

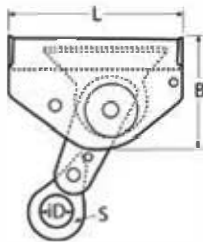
Brummelhaken, Speedclip / A4-AISI 316
Flag hook / Crochet accélérateur



Bestell-Nr. Order no.	L	B	A	iD	Box	*€/Stück *€/piece
814656406	58	38	22,3	16	10	

8491

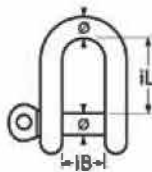
Steigklemme, Fallsicherung / A2-AISI 304
Rope shortener / Bloqueur-poignée



Bestell-Nr. Order no.	Für Seil-Ø For Rope-Ø	L	B	iD	S	Box	*€/Stück *€/piece
8491212	12	122	78	22	5	1	
8491216	16	122	78	22	5	1	

8258

Rundschäkel / A4-AISI 316
D-shackle / Manille droite



Bestell-Nr. Order no.	Ø	iL	iB	**BL kg	Box	*€/Stück *€/piece
8258403	3	11,0	7	500	20	
8258404	4	14,0	8	700	20	
8258405	5	14,5	10	1000	20	
8258406	6	21,0	12	1500	20	
8258407	7	23,5	14	2000	10	
8258408	8	28,0	16	3000	10	
8258410	10	36,0	20	4300	10	
8258412	12	44,0	24	6600	5	
8258413	13	46,5	26	9000	5	
8258416	16	56,0	32	10000	5	
8258419	19	65,5	35	16000	1	
8258422	22	74,0	44	20000	1	
8258425	25	85,5	50	24000	1	
8258432	32	108,0	64	31000	1	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

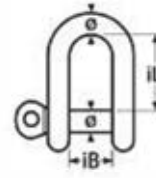
1

Rundschäkel mit unverlierbarem Bolzen / A4-AISI 316

D-shackle with captive pin / Manille droite avec axe imperdable

8326

Bestell-Nr. Order no.	ø	iL	iB	**BL kg	Box	*€/Stück *€/piece
8326404	4	14	8	700	10	
8326405	5	16	10	1000	10	
8326406	6	21	12	1500	10	
8326408	8	28	16	3000	10	
8326410	10	34	20	4300	5	
8326412	12	36	24	6600	5	

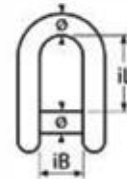


Rundschäkel mit Innensechskant / A4-AISI 316

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

8482

Bestell-Nr. Order no.	ø	iL	iB	**BL kg	Box	*€/Stück *€/piece
8482405	5	19	10	1000	10	
8482406	6	21	12	1500	10	
8482408	8	28	16	2200	10	
8482410	10	35	20	3700	5	
8482412	12	45	24	5400	5	
8482414	14	49	28	6500	5	
8482416	16	52	32	8800	5	
8482419	19	63	38	16000	1	
8482422	22	76	44	19000	1	

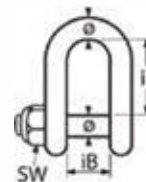


Rundschäkel mit Innensechskant und Sicherungsmutter / A4-AISI 316

D-Shackle with hexagon socket and safety nut / Manille droite avec axe HC et écrou de sécurité

814839

Bestell-Nr. Order no.	ø	iL	iB	Antrieb Drive	**BL kg	Box	*€/Stück *€/piece
814839406	6	21	12	SW10	1320	10	
814839408	8	28	16	SW13	2200	10	

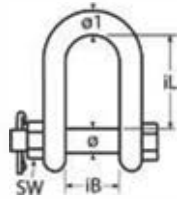


1

Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

814069

Rundschäkel mit Sicherung, gerade / A4-AISI 316
D-shackle with secure bolt / Manille droite forgée avec boulon de sécurité



Bestell-Nr. Order no.	Ø	Ø1	iL	iB	Antrieb Drive	**BL kg	Box	*€/Stück *€/piece
8140694048	6,4	5	19	9,7	SW10	1320	10	
8140694064	8,0	6	22	12,0	SW13	2000	10	
814069408	9,5	8	26	13,5	SW17	3000	10	
8140694095	11,0	10	32	17,0	SW19	4000	5	
8140694127	16,0	12	41	21,0	SW24	8000	5	
814069416	19,0	16	51	27,0	SW30	12000	5	
814069419	22,0	20	60	32,0	SW32	16000	1	
814069422	25,0	22	71	36,0	SW36	20000	1	

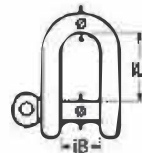
Besonders geeignet als Ankerschäkel

Suited as anchor shackle

Convient particulièrement comme manille d'ancrage

814737

Alu-Rundschäkel / Alu
Alu D-shackle / Manille droite en alu



Bestell-Nr. Order no.	Ø	iL	iB	Box	*€/Stück *€/piece
8147370058	6	21,0	12,3	10	
8147370078	8	28,6	16,5	10	
8147370098	10	35,0	20,0	5	
8147370118	12	43,0	25,0	5	

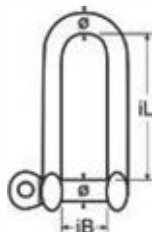
Farben: rot, blau, lila, gelb und grün gemischt.

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

Couleurs: rouge, bleu, violet, jaune et vert mixte.

8259

Rundschäkel, lang / A4-AISI 316
D-shackle, long / Manille longue



Bestell-Nr. Order no.	Ø	iL	iB	**BL kg	Box	*€/Stück *€/piece
8259404	4	32	8	700	10	
8259405	5	40	10	1000	10	
8259406	6	45	12	1500	10	
8259408	8	60	16	3000	10	
8259410	10	73	20	4300	5	
8259412	12	87	24	6600	5	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

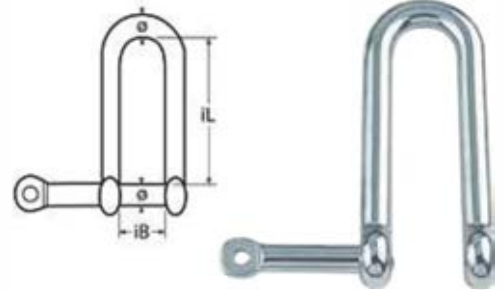
1

Rundschäkel, lang mit unverlierbarem Bolzen / A4-AISI 316

Long D-shackle with captive pin / Manille longue avec axe imperdable

8331

Bestell-Nr. Order no.	∅	iL	iB	**BL kg	Box	*€/Stück *€/piece
8331405	5	37	10	1000	10	
8331406	6	43	12	1500	10	
8331408	8	60	16	3000	10	
8331410	10	75	20	4300	5	
8331412	12	90	24	6600	5	



Flachschäkel / A4-AISI 316

Flat shackle / Manille plate, courte

8297

Bestell-Nr. Order no.	∅	iL	iB	S	**BL kg	Box	*€/Stück *€/piece
829744	4	18	10	1,9	800	10	
829745	5	20	12	2,0	900	10	
829746	6	24	16	3,2	1500	10	



Flachschäkel, lang / A4-AISI 316

Flat shackle, long / Manille plate, longue

8298

Bestell-Nr. Order no.	∅	iL	iB	S	**BL kg	Box	*€/Stück *€/piece
829844	4	24	12	1,9	800	10	
829845	5	21	12	2,0	900	10	
829846	6	26	16	3,2	1500	10	

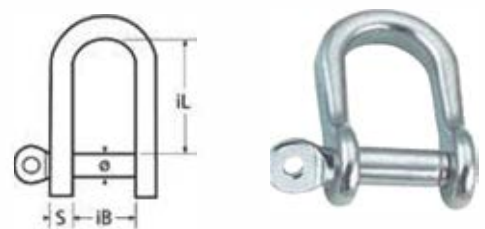


Flachschäkel, gerundet / A4-AISI 316

Flat shackle, semi-round / Manille plate, semi ronde

8337

Bestell-Nr. Order no.	∅	iL	iB	S	**BL kg	Box	*€/Stück *€/piece
833745	5	18,5	12	2,6	400	10	
833746	6	22,0	14	3,0	500	10	
833748	8	28,0	18	3,7	900	10	

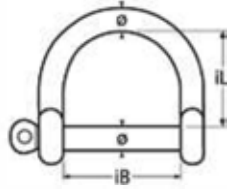


1

Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

8969

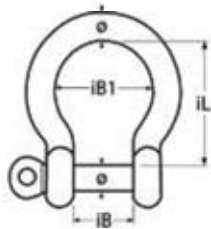
Rundschäkel, weit / A4-AISI 316
D-shackle, wide / Manille large



Bestell-Nr. Order no.	ø	iL	iB	**BL kg	Box	*€/Stück *€/piece
8969405	5	20	25	750	10	
8969406	6	33	24	1350	10	
8969408	8	31	26	2500	10	
8969410	10	55	41	3350	5	
8969412	12	66	50	4000	5	

8260

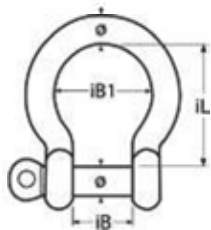
Rundschäkel, geschweift / A4-AISI 316
Bow shackle / Manille lyre



Bestell-Nr. Order no.	ø	iL	iB	iB1	**BL kg	Box	*€/Stück *€/piece
8260404	4	16	8	14	800	20	
8260405	5	20	10	17	1200	20	
8260406	6	24	12	21	1800	20	
8260408	8	32	16	28	2800	10	
8260410	10	40	20	34	4300	10	
8260412	12	48	24	42	6500	5	
8260413	13	47	26	45	7500	5	
8260416	16	57	32	56	10000	5	
8260419	19	85	35	64	16000	1	
8260422	22	88	44	77	21000	1	

8222

Rundschäkel, geschweift mit unverlierbarem Bolzen / A4-AISI 316
Bow shackle with captive pin / Manille lyre avec axe imperdable



Bestell-Nr. Order no.	ø	iL	iB	iB1	**BL kg	Box	*€/Stück *€/piece
8222404	4	14,0	8	14	800	10	
8222405	5	17,5	10	17	1200	10	
8222406	6	21,0	12	21	1800	10	
8222408	8	28,0	16	28	2800	10	
8222410	10	35,0	20	34	4300	5	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

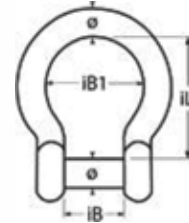
1

Rundschäkel mit Innensechskant, geschweißt / A4-AISI 316

Bow shackle with hexagon socket / Manille lyre avec vis six pans creux

8970

Bestell-Nr. Order no.	ø	iL	iB	iB1	**BL kg	Box	*€/Stück *€/piece
8970405	5	25	11	17	1200	10	
8970406	6	30	12	21	1700	10	
8970408	8	44	16	28	2500	10	
8970410	10	49	21	34	4300	5	
8970412	12	57	25	42	6200	5	
8970416	16	80	31	56	7000	5	
8970419	19	96	36	66	14000	1	

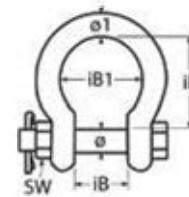


Rundschäkel mit Sicherung, geschweißt / A4-AISI 316

Bow shackle with secure bolt / Manille lyre forgée avec boulon de sécurité

814068

Bestell-Nr. Order no.	ø	ø1	iL	iB	iB1	Antrieb Drive	**BL kg	Box	*€/Stück *€/piece
8140684048	5	6,4	22	9,7	16	SW10	1320	10	
8140684064	6	8,0	29	12,0	20	SW13	2000	10	
814068408	8	9,5	31	13,5	21	SW17	3000	10	
8140684095	10	11,0	36	17,0	26	SW19	4000	5	
8140684127	12	16,0	48	21,0	33	SW24	8000	5	
814068416	16	19,0	60	27,0	42	SW30	12000	5	
814068419	20	22,0	71	32,0	52	SW32	16000	1	
814068422	22	25,0	84	36,0	57	SW36	20000	1	



Besonders geeignet als Ankerschäkel

Suited as anchor shackle

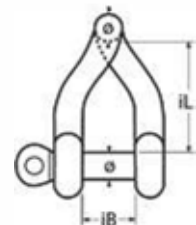
Convient particulièrement comme manille d'ancre

Rundschäkel, gedreht / A4-AISI 316

Twisted shackle / Manille, torse

8296

Bestell-Nr. Order no.	ø	iL	iB	**BL kg	Box	*€/Stück *€/piece
8296404	4	22	8	700	10	
8296405	5	27	10	1000	10	
8296406	6	30	12	1500	10	
8296408	8	42	16	3000	10	
8296410	10	55	20	4300	5	
8296412	12	65	24	6600	5	



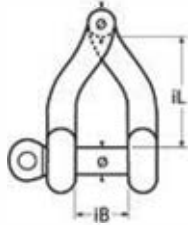
1

Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

814946

Rundschäkel, gedreht mit unverlierbarem Bolzen / A4-AISI 316
Twisted shackle with captive pin / Manille, torse avec axe imperdable

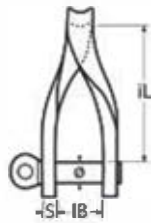
NEW



Bestell-Nr. Order no.	ø	iL	iB	**BL kg	Box	*€/Stück *€/piece
814946404	4	22	8	700	10	
814946405	5	27	10	1000	10	
814946406	6	30	12	1500	10	
814946408	8	42	16	3000	10	
814946410	10	55	20	4300	5	
814946412	12	65	24	6600	5	

8299

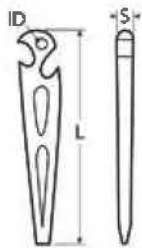
Flatschäkel, gedreht / A4-AISI 316
Flat shackle, twisted / Manille plate, torse



Bestell-Nr. Order no.	ø	iL	iB	S	**BL kg	Box	*€/Stück *€/piece
829944	4	24	11	2,0	800	10	
829945	5	40	12	2,6	900	10	

8306

Schäkelschlüssel / A2-AISI 304
Multi-purpose shackle key / Démanilleur



Bestell-Nr. Order no.	L	iD	S	Box	*€/Stück *€/piece
83062100	100	4,7	2	5	

8977

Schäkelschlüssel / A4-AISI 316
Multi-purpose shackle key / Démanilleur



Bestell-Nr. Order no.	L	iD	S	Box	*€/Stück *€/piece
8977405	86	7	5	10	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

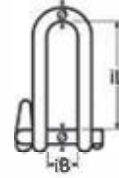
1

Schlüsselschäkel / A4-AISI 316

Key pin shackle / Manille longue rapide

8324

Bestell-Nr. Order no.	ø	iL	iB	**BL kg	Box	*€/Stück *€/piece
832445	5	40	12	950	10	
832446	6	48	15	1360	10	
832448	8	64	20	2270	10	

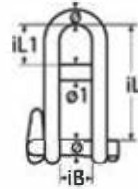


Schlüsselschäkel mit festem Steg / A4-AISI 316

Key pin shackle with fixed bar / Manille longue rapide à barette

8323

Bestell-Nr. Order no.	ø	ø1	iL	iL1	iB	**BL kg	Box	*€/Stück *€/piece
832345	5	6,0	38	12,5	12	950	10	
832346	6	6,0	43	15,0	15	1360	10	
832348	8	6,5	60	20,5	20	2270	10	

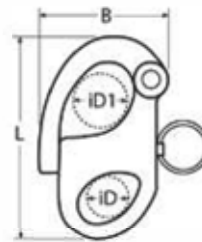


Schnappschäkel / A4-AISI 316

Snap shackle / Mousqueton de drisse

8288

Bestell-Nr. Order no.	L	B	iD	iD1	**BL kg	Box	*€/Stück *€/piece
8288435	35	23	6	9	200	5	
8288445	45	29	8	10	770	5	
8288452	52	35	9	13	1100	5	
8288466	66	45	12	16	1430	5	
8288496	96	60	16	22	1790	5	

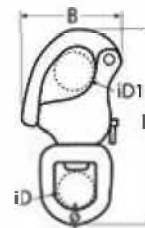


Schnappschäkel mit Wirbelauge / A4-AISI 316

Snap shackle with swivel eye / Mousqueton de drisse avec émerillon à œil

8252

Bestell-Nr. Order no.	ø	L	B	iD	iD1	**BL kg	Box	*€/Stück *€/piece
82524070	5	70	33	12	13	790	5	
82524087	6	87	42	15	16	930	5	
82524128	9	128	58	22	22	2030	5	

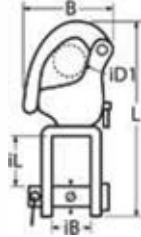


1

Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons et émerillons

8262

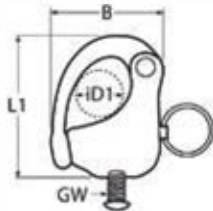
Schnappschäkel mit Wirbelschäkel / A4-AISI 316
Snap shackle with swivel shackle / Mousqueton de drisse avec émerillon à chape



Bestell-Nr. Order no.	ø	L	iL	B	iB	iD1	**BL kg	Box	*€/Stück *€/piece
82624070	5	68	10	33	10	13	780	5	
82624087	6	87	12	42	12	16	910	5	
82624128	10	128	20	58	20	22	1800	5	

8289

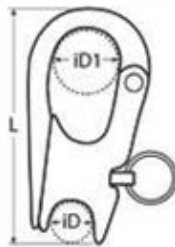
Schnappschäkel mit Schraube / A4-AISI 316
Snap shackle with screw / Mousqueton de drisse à vis



Bestell-Nr. Order no.	GW	L1	B	iD1	**BL kg	Box	*€/Stück *€/piece
8289406	M6	42	30	12	650	5	
8289408	M8	53	40	16	750	5	
8289410	M10	75	62	22	1600	5	

8290

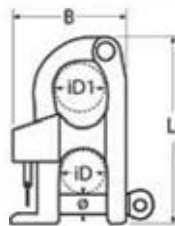
Schotschäkel, Fallschäkel / A4-AISI 316
Sheet snap shackle / Mousqueton d'écoute



Bestell-Nr. Order no.	L	iD	iD1	**BL kg	Box	*€/Stück *€/piece
8290452	52	12	10	630	5	
8290466	66	15	14	930	5	
8290496	96	25	18	1610	5	

8485

Panikhaken, Wasserskihaken / A4-AISI 316
Panic hook, Waterski hook / Mousqueton ski nautique



Bestell-Nr. Order no.	ø	L	B	iD	iD1	**BL kg	Box	*€/Stück *€/piece
8485460	5,3	60	37	16	17	440	5	

Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons et émerillons

1

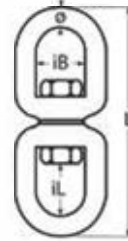
1

Wirbel Auge-Auge / A4-AISI 316

Swivel eye-eye / Emerillon œil-œil

8254

Bestell-Nr. Order no.	ø	L	iL	iB	**BL kg	Box	*€/Stück *€/piece
8254405	5	55	12	12	790	10	
8254406	6	66	15	15	1130	10	
8254408	8	88	20	20	2000	10	
8254410	10	110	25	25	3170	5	
8254413	13	143	32	32	4570	1	
8254416	16	176	40	40	8130	1	
8254419	19	231	50	41	10000	1	

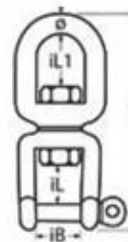


Wirbelschäkel Auge-Gabel / A4-AISI 316

Swivel shackle eye-jaw / Emerillon œil-manille

8255

Bestell-Nr. Order no.	ø	L	iL	iL1	iB	**BL kg	Box	*€/Stück *€/piece
8255405	5	60	11	13	10	600	10	
8255406	6	66	11	15	12	1130	10	
8255408	8	88	16	22	16	2000	10	
8255410	10	118	22	27	20	3150	5	
8255413	13	152	28	35	26	4550	1	
8255416	16	188	37	45	34	7500	1	
8255419	19	229	45	50	38	10000	1	

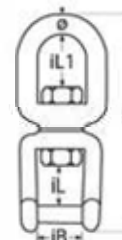


Wirbelschäkel Auge-Gabel mit Innensechskant / A4-AISI 316

Swivel shackle eye-jaw with hexagon socket / Emerillon œil-manille avec vis six pans creux

814105

Bestell-Nr. Order no.	ø	L	iL	iL1	iB	**BL kg	Box	*€/Stück *€/piece
814105405	5	60	11	13	10	600	10	
814105406	6	66	11	15	12	1130	10	
814105408	8	88	16	22	16	2000	10	
814105410	10	118	22	27	20	3150	5	
814105413	13	152	28	35	26	4550	1	
814105416	16	188	37	45	34	7500	1	
814105419	19	229	45	50	38	10000	1	

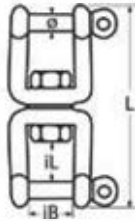


1

Schäkel, Karabinerhaken und Wirbel Shackles, spring hooks and swivels Manilles, mousquetons, emerillons

8256

Wirbelschäkel Gabel-Gabel / A4-AISI 316
Swivel shackle jaw-jaw / Emerillon manille-manille



Bestell-Nr. Order no.	ø	L	iL	iB	**BL kg	Box	*€/Stück *€/piece
8256405	5	60	11	10	600	10	
8256406	6	66	11	12	1130	10	
8256408	8	88	16	16	2000	10	
8256410	10	118	22	20	3150	5	
8256413	13	152	28	26	4550	1	
8256416	16	188	37	34	7500	1	
8256419	19	229	45	38	10000	1	

8535

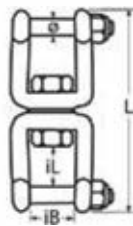
Wirbelschäkel Gabel-Gabel mit Innensechskant / A4-AISI 316
Swivel shackle jaw-jaw with hexagon socket / Emerillon manille-manille avec vis six pans creux



Bestell-Nr. Order no.	ø	L	iL	iB	**BL kg	Box	*€/Stück *€/piece
8535405	5	60	11	10	600	10	
8535406	6	66	11	12	1130	10	
8535408	8	88	16	16	2000	10	
8535410	10	118	22	20	3150	5	
8535413	13	152	28	26	4550	1	
8535416	16	188	37	34	7500	1	
8535419	19	229	45	38	10000	1	

814840

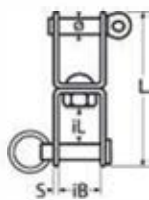
Wirbelschäkel Gabel-Gabel mit Sicherungsmutter / A4-AISI 316
Swivel shackle jaw-jaw with lock nut / Emerillon manille-manille avec écrou de sécurité



Bestell-Nr. Order no.	ø	L	iL	iB	**BL kg	Box	*€/Stück *€/piece
814840406	6	66	11	12	1130	10	
814840408	8	88	16	16	2000	10	

8364

Wirbelschäkel flach Gabel-Gabel / A2-AISI 304
Flat swivel shackle jaw-jaw / Emerillon plat manille-manille



Bestell-Nr. Order no.	ø	L	iL	iB	S	Box	*€/Stück *€/piece
8364212 47	5	47	10	12	2,0	10	
8364214 55	6	62	11	14	2,5	10	