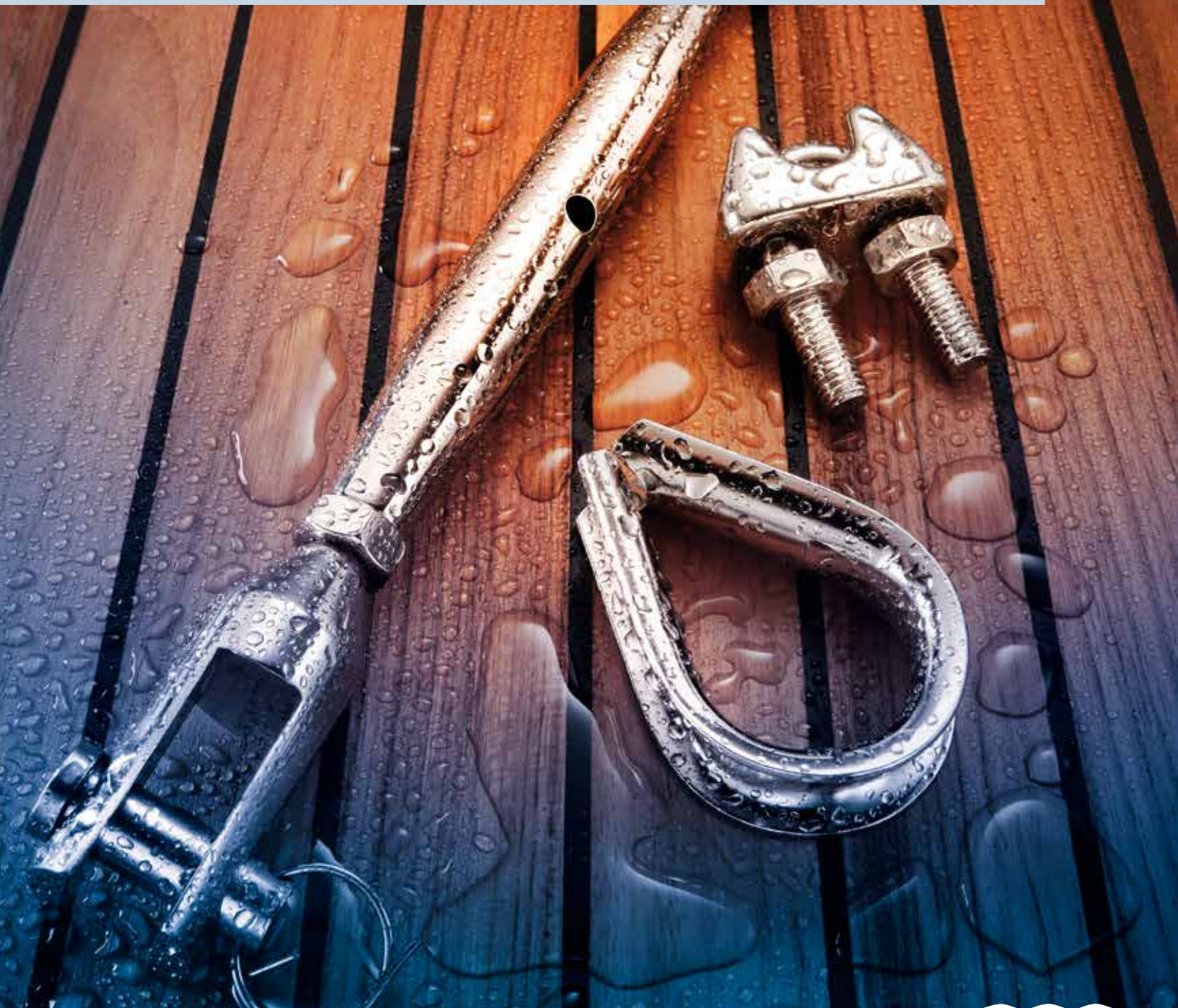


Kapitel 2

Chapter 2

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles



Spannschlösser, Terminals und Drahtseile

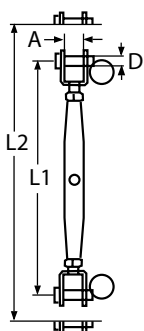
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

8245

Wantenspanner Gabel-Gabel / A4-AISI 316

Turnbuckle with two forks / Ridoir corps fermé chape fixes

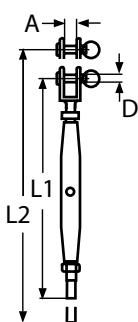


Bestell-Nr. Order no.	GW	L1	L2	A	D	**BL/kg	Box	*€/Stück *€/piece
8245404	M4	110	170	5,5	4	480	10	5,00
8245405	M5	130	190	6,5	5	790	10	6,00
8245406	M6	150	220	7,5	6	1100	10	7,00
8245408	M8	165	240	11,0	8	1750	10	12,00
8245410	M10	190	280	12,0	9	3100	5	17,00
8245412	M12	245	360	14,0	12	4570	5	29,00
8245414	M14	270	390	15,0	12	5900	1	35,00
8245416	M16	310	450	17,0	16	8000	1	62,00
8245420	M20	360	510	20,0	19	12700	1	104,00

8275

Wantenspanner Gabel-Terminal / A4-AISI 316

Turnbuckle with fork and terminal / Ridoir corps fermé chape fixe terminaison à sertir

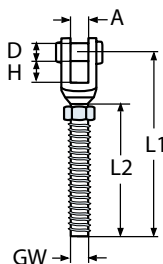


Bestell-Nr. Order no.	GW	DS-Ø WR-Ø	L1	L2	A	D	Box	€/Stück *€/piece
8275405/25	M5	2,5	155	215	6,0	5	10	6,00
8275406/3	M6	3	175	245	7,5	6	10	7,00
8275406/4	M6	4	185	255	7,5	6	10	8,00
8275408/4	M8	4	200	275	11	8	10	10,00
8275408/5	M8	5	205	280	11	8	10	12,00
8275410/5	M10	5	230	320	12	9	5	17,00
8275410/6	M10	6	245	335	12	9	5	20,00
8275412/6	M12	6	285	400	14	12	5	29,00
8275412/8	M12	8	305	420	14	12	5	36,00
8275414/7	M14	7	315	435	15	15	1	37,00
8275416/8	M16	8	360	500	17	17	1	63,00
8275416/10	M16	10	370	510	17	16	1	64,00
8275420/10	M20	10	410	560	20	20	1	91,00
8275420/12	M20	12	410	560	20	20	1	98,00

8386

Gabel mit Rechtsgewinde / A4-AISI 316

Fork with right-hand thread / Chape filetee pas a droite



Bestell-Nr. Order no.	GW	L1	L2	H	A	D	Box	€/Stück *€/piece
8386405	M5	65	42	10	6,5	5	10	2,10
8386406	M6	72	48	10	7,5	6	10	2,40
8386408	M8	81	56	11	11,0	8	10	3,90
8386410	M10	96	63	14	12,0	9	5	6,00
8386412	M12	122	80	20	14,0	12	5	10,30
8386414	M14	127	89	22	15,0	12	1	12,00
8386416	M16	158	103	26	17,0	16	1	19,00

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

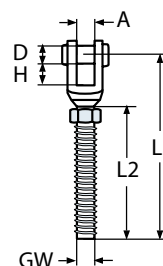
2

Gabel mit Linksgewinde / A4-AISI 316

Fork with left-hand thread / Chape filetee pas a gauche

8432

Bestell-Nr. Order no.	GW	L1	L2	H	A	D	Box	€/Stück *€/piece
8432405	M5	65	42	10	6,5	5	10	2,40
8432406	M6	72	48	10	7,5	6	10	2,70
8432408	M8	81	56	11	11,0	8	10	4,20
8432410	M10	96	63	14	12,0	9	5	6,30
8432412	M12	122	80	20	14,0	12	5	10,60
8432414	M14	127	89	22	15,0	12	1	12,50
8432416	M16	158	103	26	17,0	16	1	21,50



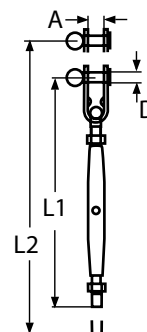
2

Wantenspanner Toggle-Terminal / A4-AISI 316

Turnbuckle with toggle and terminal / Ridoir corps fermé chape articulé à sertir

8276

Bestell-Nr. Order no.	GW	DS-Ø WR-Ø	L1	L2	A	D	Box	€/Stück *€/piece
8276406/3	M6	3	180	250	7	6	5	9,00
8276406/4	M6	4	190	260	7	6	5	10,00
8276408/4	M8	4	210	285	10	8	5	13,00
8276408/5	M8	5	215	290	10	8	5	15,00
8276410/5	M10	5	250	340	12	9	5	20,00
8276410/6	M10	6	265	355	12	9	5	24,00
8276412/6	M12	6	300	410	13	12	5	36,00
8276412/8	M12	8	320	430	13	12	5	41,00
8276414/7	M14	7	328	453	15	14	1	45,00
8276416/8	M16	8	390	530	17	16	1	77,00
8276416/10	M16	10	400	540	17	16	1	95,00
8276420/10	M20	10	450	590	20	19	1	115,00



Spannschlösser, Terminals und Drahtseile

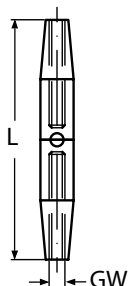
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

8418

Spannschlossmutter ähnlich DIN 1478 / A4-AISI 316

Turnbuckle sleeve / Cage fermé de ridoir

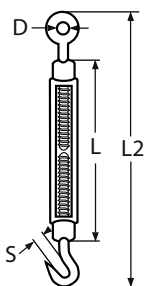


Bestell-Nr. Order no.	GW	L	Box	*€/Stück *€/piece
8418405	M5	80	10	1,80
8418406	M6	95	10	2,50
8418408	M8	105	10	3,50
8418410	M10	125	5	6,80
8418412	M12	150	5	9,50
8418414	M14	165	1	11,50
8418416	M16	190	1	19,40
8418420	M20	210	1	30,50

8246

Spannschloss / A4-AISI 316

Turnbuckle / Tendeur oeil/oeil - crochet/crochet - oeil/crochet



Bestell-Nr. Order no.	GW	L	L2	D	S	**BL/kg Type A	Box	*€/Stück *€/piece
82464*A*B*C04	M4	58	90	6	6	120	10	2,40
82464*A*B*C05	M5	70	120	8	7,5	160	10	2,90
82464*A*B*C06	M6	90	160	10	9	320	10	3,20
82464*A*B*C08	M8	120	200	14	12	560	10	5,60
82464*A*B*C10	M10	150	240	16	13	880	5	9,40
82464*A*B*C12	M12	200	300	18	14	1200	5	17,00
82464*A*B*C16	M16	250	390	26	18	2400	1	36,00
82464*A*B*C20	M20	300	440	30	20	3600	1	66,00

*A = Öse-Öse / Eye-Eye

*B = Haken-Haken / Hook-Hook

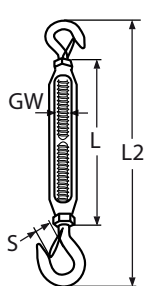
*C = Öse (Rechtsgewinde) - Haken (Linksgewinde) /
Eye (Right-hand thread) - Hook (Left-hand thread)

Bruchlastangaben nur für Typ A! / Breaking loads only for type A!

814932

Spannschloss Haken-Haken mit Sicherung / A4-AISI 316

Turnbuckle Hook-Hook with latch / Tendeur crochet-crochet avec barrettes de sécurité

NEW


Bestell-Nr. Order no.	GW	L	L2	S	Box	*€/Stück *€/piece
814932406	M6	90	170	10	5	4,30
814932408	M8	118	210	11	5	7,30
814932412	M12	190	340	16	5	21,00

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

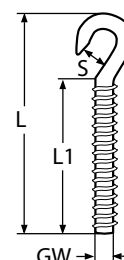
2

Hakenschraube mit Rechtsgewinde / A4-AISI 316

Hook screw with right-hand thread / Crochet filete pas a droite

8435

Bestell-Nr. Order no.	GW	L	L1	S	Box	*€/Stück *€/piece
8435405	M5	56	32	7,5	10	0,50
8435406	M6	70	42	9,0	10	0,60
8435408	M8	92	55	12,0	10	1,10
8435410	M10	113	70	13,0	5	1,90
8435412	M12	145	93	14,0	5	3,70
8435416	M16	189	115	18,0	1	10,50
8435420	M20	220	140	20,0	1	19,60



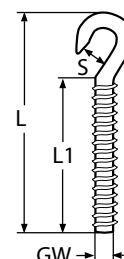
2

Hakenschraube mit Linksgewinde / A4-AISI 316

Hook screw with left-hand thread / Crochet filete pas a gauche

8436

Bestell-Nr. Order no.	GW	L	L1	S	Box	*€/Stück *€/piece
8436405	M5	56	32	7,5	10	0,80
8436406	M6	70	42	9,0	10	0,90
8436408	M8	92	55	12,0	10	1,40
8436410	M10	113	70	13,0	5	2,20
8436412	M12	145	93	14,0	5	4,10
8436416	M16	189	115	18,0	1	10,80
8436420	M20	220	140	20,0	1	19,90

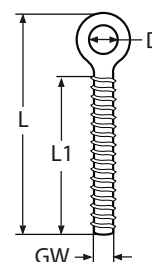


Augschraube mit Rechtsgewinde / A4-AISI 316

Hook screw with right-hand thread / Oeil filete pas a droite

8433

Bestell-Nr. Order no.	GW	L	L1	D	Box	*€/Stück *€/piece
8433405	M5	56	32	8	10	0,70
8433406	M6	70	42	10	10	0,80
8433408	M8	92	55	14	10	1,30
8433410	M10	113	70	16	5	2,20
8433412	M12	145	93	18	5	3,90
8433416	M16	189	115	26	1	9,20
8433420	M20	220	140	30	1	14,50

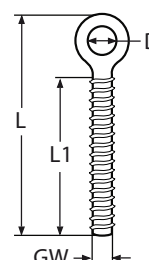


Augschraube mit Linksgewinde / A4-AISI 316

Hook screw with left-hand thread / Oeil filete pas a gauche

8434

Bestell-Nr. Order no.	GW	L	L1	D	Box	*€/Stück *€/piece
8434405	M5	56	32	8	10	0,90
8434406	M6	70	42	10	10	1,00
8434408	M8	92	55	14	10	1,50
8434410	M10	113	70	16	5	2,50
8434412	M12	145	93	18	5	4,20
8434416	M16	189	115	26	1	9,90
8434420	M20	220	140	30	1	14,80



Spannschlösser, Terminals und Drahtseile

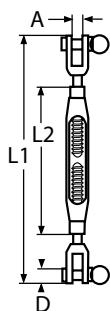
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

8339

Wantenspanner Gabel-Gabel / A4-AISI 316

Turnbuckle with two forks / Tendeur à chape fixe

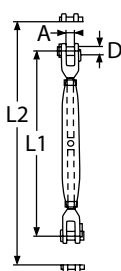


Bestell-Nr. Order no.	GW	L1	L2	A	D	**BL/kg	Box	*€/Stück *€/piece
8339405	M5	120	70	6,5	5	500	10	6,00
8339406	M6	140	90	7,5	6	600	10	8,00
8339408	M8	180	120	11,0	8	1100	10	13,00
8339410	M10	220	150	12,0	9	1750	5	19,00
8339412	M12	300	200	14,0	12	2300	5	32,00
8339414	M14	325	220	15,0	12	3600	1	46,00
8339416	M16	375	250	17,0	16	6800	1	70,00
8339420	M20	450	300	20,0	19	8200	1	117,00

814065

Wantenspanner Gabel-Gabel, gedrehte Ausführung / A4-AISI 316

Turnbuckle with two forks, machined / Ridoirs corps fermé chape fixe usinée terminaison à sertir

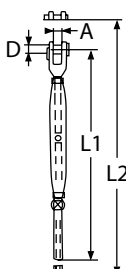


Bestell-Nr. Order no.	GW	L1	L2	A	D	**BL/kg	Box	*€/Stück *€/piece
814065405	M5	135	195	6,5	5	460	10	11,00
814065406	M6	160	230	7,5	6	910	10	14,00
814065408	M8	180	255	11,0	8	1330	10	25,00
814065410	M10	210	300	12,0	9	2180	5	37,00
814065412	M12	270	380	14,0	12	2300	5	52,00
814065414	M14	295	415	15,0	12	2190	1	64,00
814065416	M16	340	480	17,0	16	5310	1	120,00

814066

Wantenspanner Gabel-Terminal, gedrehte Ausführung / A4-AISI 316

Turnbuckle fork-terminal, machined / Ridoirs corps fermé chape fixe usinée terminaison à sertir



Bestell-Nr. Order no.	GW	DS-Ø WR-Ø	L1	L2	A	D	Box	*€/Stück *€/piece
814066405/25	M5	2,5	155	215	6,5	5	10	8,00
814066406/3	M6	3,0	180	250	7,5	6	10	12,00
814066406/4	M6	4,0	190	260	7,5	6	10	13,00
814066408/4	M8	4,0	210	285	11,0	8	10	17,00
814066408/5	M8	5,0	215	290	11,0	8	10	20,00
814066410/5	M10	5,0	240	330	12,0	9	5	23,00
814066410/6	M10	6,0	255	345	12,0	9	5	28,00
814066412/6	M12	6,0	300	410	14,0	12	5	45,00
814066412/8	M12	8,0	320	430	14,0	12	5	48,00
814066416/8	M16	8,0	370	510	17,0	16	1	86,00
814066416/10	M16	10,0	380	520	17,0	16	1	93,00

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

2

Spannschlossmutter ähnlich DIN 1480 / A4-AISI 316

Open turnbuckle sleeve / Cage ouverte de ridoir

8417

Bestell-Nr. Order no.	GW	L	Box	*€/Stück *€/piece
8417406	M6	90	10	2,00
8417408	M8	120	10	3,00
8417410	M10	150	5	5,00
8417412	M12	200	5	9,00
8417416	M16	250	1	16,50
8417420	M20	300	1	34,00



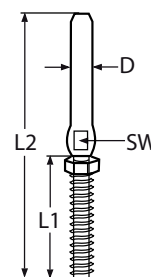
2

Terminal mit Rechtsgewinde / A4-AISI 316

Swage stud with right-hand thread / Terminaison fileté pas à droite

8307

Bestell-Nr. Order no.	GW	DS-Ø WR-Ø	L1	L2	SW	D	Box	*€/Stück *€/piece
8307405/25	M5	2,5	40	86	4	5,5	10	2,00
8307406/3	M6	3,0	48	100	5	6,4	10	2,40
8307406/4	M6	4,0	48	110	6	7,5	10	3,50
8307408/4	M8	4,0	57	117	6	7,5	10	3,60
8307408/5	M8	5,0	57	124	7	9,0	10	4,70
8307410/5	M10	5,0	63	130	7	9,0	5	5,00
8307410/6	M10	6,0	63	145	10	12,6	5	8,70
8307412/6	M12	6,0	80	162	10	12,6	5	9,50
8307412/8	M12	8,0	80	180	14	16,0	5	16,80
8307414/7	M14	7,0	90	180	12	14,2	1	18,00
8307416/8	M16	8,0	100	200	14	16,0	1	19,50
8307416/10	M16	10,0	100	210	15	17,8	1	23,50
8307420/10	M20	10,0	119	230	15	17,8	1	28,50
8307420/12	M20	12,0	120	245	17	20,0	1	39,20
8307422/14	M22	14,0	140	308	22	25,0	1	55,00
8307424/16	M24	16,0	170	363	24	28,0	1	90,50



Spannschlösser, Terminals und Drahtseile

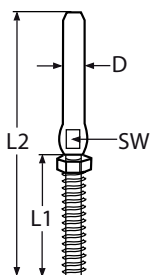
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

8467

Terminal mit Linksgewinde / A4-AISI 316

Swage stud with left-hand thread / Terminaison fileté pas à gauche

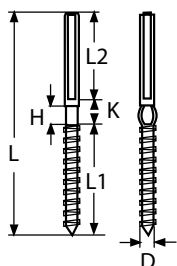


Bestell-Nr. Order no.	GW	DS-Ø WR-Ø	L1	L2	SW	D	Box	€/Stück */€/piece
8467405/25	M5	2,5	40	86	4	5,5	10	2,20
8467406/3	M6	3,0	48	100	5	6,4	10	2,60
8467406/4	M6	4,0	48	110	6	7,5	10	3,70
8467408/4	M8	4,0	57	117	6	7,5	10	3,80
8467408/5	M8	5,0	57	124	7	9,0	10	4,80
8467410/5	M10	5,0	63	130	7	9,0	5	5,20
8467410/6	M10	6,0	63	145	10	12,6	5	8,90
8467412/6	M12	6,0	80	162	10	12,6	5	9,90
8467412/8	M12	8,0	80	180	14	16,0	5	17,10
8467414/7	M14	7,0	90	180	12	14,2	1	18,50
8467416/8	M16	8,0	100	200	14	16,0	1	19,90
8467416/10	M16	10,0	100	210	15	17,8	1	23,90
8467420/10	M20	10,0	119	230	15	17,8	1	29,90
8467420/12	M20	12,0	120	245	17	20,0	1	39,90

814087

Terminal mit Holzgewinde, rechts / A4-AISI 316

Swage stud with wood thread, right / Terminaison avec filetage bois pas à droite

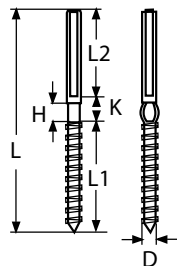


Bestell-Nr. Order no.	DS-Ø WR-Ø	D	L	L1	L2	K	H	Box	€/Stück */€/piece
814087403	3	6	97	48	38	5	8	10	2,40
814087404	4	8	115	54	45	6	10	10	3,20
814087405	5	10	128	61	52	7	10	5	5,40
814087406	6	12	162	79	63	10	10	5	9,90

814088

Terminal mit Holzgewinde, links / A4-AISI 316

Swage stud with wood thread, left / Terminaison avec filetage bois pas à gauche



Bestell-Nr. Order no.	DS-Ø WR-Ø	D	L	L1	L2	K	H	Box	€/Stück */€/piece
814088403	3	6	97	48	38	5	8	10	2,60
814088404	4	8	115	54	45	6	10	10	3,50
814088405	5	10	128	61	52	7	10	5	5,90
814088406	6	12	162	79	63	10	10	5	10,50

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

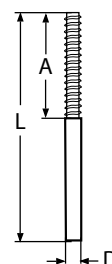
2

Anschweißende mit Rechtsgewinde / A4-AISI 316

Weld on stud with right-hand thread / Terminaison à souder avec filetage pas à droite

8484

Bestell-Nr. Order no.	GW	L	A	D	Box	*€/Stück *€/piece
8484405	M5	85	40	4,4	10	1,30
8484406	M6	100	45	5,2	10	1,60
8484408	M8	112	52	7,0	10	1,80
8484410	M10	127	62	8,8	5	4,50
8484412	M12	140	75	10,7	5	5,00
8484414	M14	150	82	12,5	1	10,00
8484416	M16	170	95	14,2	1	12,00
8484420	M20	185	105	18,1	1	15,00



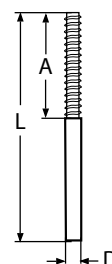
2

Anschweißende mit Linksgewinde / A4-AISI 316

Weld on stud with left-hand thread / Terminaison à souder avec filetage pas à gauche

8511

Bestell-Nr. Order no.	GW	L	A	D	Box	*€/Stück *€/piece
8511405	M5	85	40	4,4	10	1,50
8511406	M6	100	45	5,2	10	1,80
8511408	M8	112	52	7,0	10	2,00
8511410	M10	127	62	8,8	5	4,80
8511412	M12	140	75	10,7	5	5,50
8511414	M14	150	82	12,5	1	10,50
8511416	M16	170	95	14,2	1	12,50
8511420	M20	185	105	18,1	1	15,50

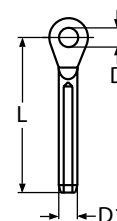


Augterminal / A4-AISI 316

Swage eye terminal / Embout à œil à sertir

8281

Bestell-Nr. Order no.	DS-Ø WR-Ø	L	D	D1	Box	*€/Stück *€/piece
82814025	2,5	48,5	5,4	5,5	10	1,80
8281403	3,0	55,0	6,5	6,4	10	2,20
8281404	4,0	65,0	8,5	7,5	10	2,80
8281405	5,0	80,0	10,5	9,0	5	4,10
8281406	6,0	94,0	12,5	12,6	5	6,30
8281407	7,0	105,0	12,7	14,0	5	8,10
8281408	8,0	124,0	14,5	16,0	1	12,00
8281410	10,0	142,0	16,4	17,8	1	17,80
8281412	12,0	160,0	19,3	20,0	1	25,20



Spannschlösser, Terminals und Drahtseile

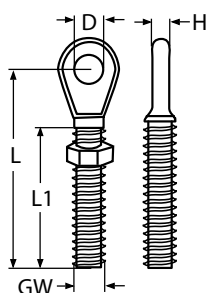
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

814863

Auge mit Rechtsgewinde / A4-AISI 316

Thread eye, right-hand thread / Embout à œil fixe, pas à droite

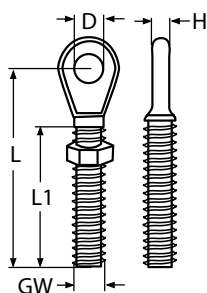
NEW


Bestell-Nr. Order no.	GW	L	L1	D	H	Box	*€/Stück *€/piece
814863405	M5	60	42	5,5	3	10	2,00
814863406	M6	66	48	6,5	4	10	2,50
814863408	M8	78	56	8,5	5	5	3,00
814863410	M10	91	63	10,5	6	5	4,00
814863412	M12	112	80	13,0	8	5	6,50

814864

Auge mit Linksgewinde / A4-AISI 316

Thread eye, left-hand thread / Embout à œil fixe, pas à gauche

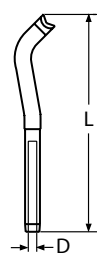
NEW


Bestell-Nr. Order no.	GW	L	L1	D	H	Box	*€/Stück *€/piece
814864405	M5	60	42	5,5	3	10	2,20
814864406	M6	66	48	6,5	4	10	2,50
814864408	M8	78	56	8,5	5	5	3,20
814864410	M10	91	63	10,5	6	5	4,20
814864412	M12	112	80	13,0	8	5	6,70

8282

T-Terminal / A4-AISI 316

Swage T-terminal / Embout en T, à sertir

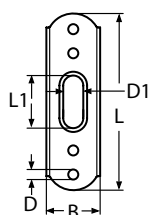


Bestell-Nr. Order no.	DS-Ø WR-Ø	L	Box	*€/Stück *€/piece
8282403	3	85	10	2,60
8282404	4	100	10	6,60
8282405	5	115	10	6,80
8282406	6	140	5	7,10
8282407	7	145	5	13,00
8282408	8	185	1	15,90
8282410	10	215	1	28,00

8302

Halteplatte für T-Terminal / A4-AISI 316

Back plate for T-terminal / Plaque d'ancrage pour terminal en T



Bestell-Nr. Order no.	Terminal-Ø Terminal-Ø	L	L1	D1	D	B	Box	*€/Stück *€/piece
8302404	3+4	88	27	9,9	5,0	27	10	2,80
8302405	5	88	27	9,9	5,0	27	10	3,20
8302406	6	122	35	15,6	6,3	39	5	6,00
8302407	7	122	35	15,9	6,4	39	5	7,00
8302408	8	151	41	18,8	6,5	39	1	9,40
8302410	10	151	41	18,8	6,5	39	1	12,30

Für T-Terminal 8282 / For T-terminal 8282

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

2

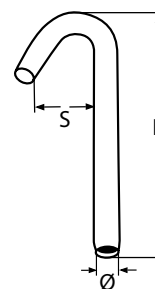
NEW

Hakenterminal / A4-AISI 316

Hook terminal / Embout crochet à sertir

814865

Bestell-Nr. Order no.	DS-Ø WS-Ø	L	S	Box	*€/Stück *€/piece
814865403	3	73	12	10	1,50
814865404	4	90	18	10	1,60



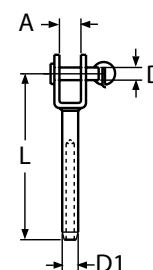
2

Gabelterminal / A4-AISI 316

Swage fork terminal / Embout à chape fixe à sertir

8280

Bestell-Nr. Order no.	DS-Ø WR-Ø	L	D	D1	A	Box	*€/Stück *€/piece
82804025	2,5	55	5,0	5,5	6,5	10	2,00
8280403	3,0	65	6,4	6,4	6,5	10	2,60
8280404-6	4,0	77	6,0	7,5	10,0	10	4,00
8280404	4,0	77	8,0	7,5	11,0	10	4,00
8280405	5,0	88	9,0	9,0	12,0	5	5,40
8280406	6,0	106	12,0	12,6	14,0	5	10,20
8280407	7,0	116	12,0	14,2	15,0	5	12,80
8280408	8,0	145	16,0	16,0	17,0	5	23,20
8280410	10,0	150	18,0	19,0	20,0	1	33,80
8280412	12,0	195	19,0	20,0	23,0	1	41,00
8280414	14,0	232	22,0	25,0	30,0	1	81,00
8280416	16,0	264	25,0	28,0	30,0	1	110,00

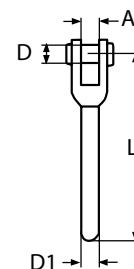


Gabelterminal, gedrehte Ausführung / A4-AISI 316

Fork terminal, machined / Embout à chape fixe usinée à sertir

814067

Bestell-Nr. Order no.	DS-Ø WR-Ø	L1	A	D	D1	Box	*€/Stück *€/piece
814067403	3	73	7,5	6	6,4	10	7,00
814067404	4	86	11	8	7,5	10	11,20
814067405	5	100	12	9	9,0	5	13,90
814067406	6	128	14	12	12,6	5	23,20
814067407	7	135	15	12	14,2	5	28,70
814067408	8	155	17	16	16,0	5	54,00



Spannschlösser, Terminals und Drahtseile

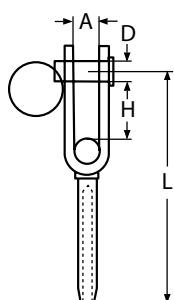
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

8483

Toggle-Terminal / A4-AISI 316

Swage toggle terminal / Embout à chape articulée à sertir

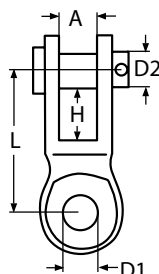


Bestell-Nr. Order no.	DS-Ø WR-Ø	L	D	A	H	Box	*€/Stück *€/piece
8483403	3	75	6	7	15	5	10,30
8483404	4	89	8	10	20	5	11,30
8483405	5	104	9	12	25	5	13,10
8483406	6	127	12	13	30	5	16,10
8483408	8	163	16	17	40	1	32,50
8483410	10	184	19	20	45	1	54,00

8278

Toggle / A4-AISI 316

Toggle for turnbuckles / Chape à œil

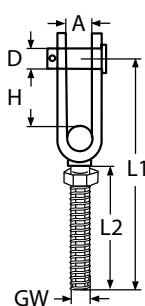


Bestell-Nr. Order no.	D1	D2	A	L	H	Box	*€/Stück *€/piece
8278405	5,5	5,2	6	22	7	5	2,30
8278406	6,6	6,3	7	27	9	5	2,50
8278408	8,5	8,3	10	31	10	5	3,00
8278410	10,0	9,3	12	36	12	1	4,40
8278412	13,0	12,4	13	50	17	1	7,50
8278414	14,3	15,0	15	60	20	1	9,30
8278416	17,0	17,0	14	80	29	1	19,00

8486

Toggle mit Rechtsgewinde / A4-AISI 316

Toggle with right-hand thread / Embout à chape articulée filetée, pas à droite

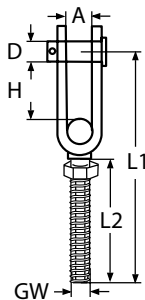


Bestell-Nr. Order no.	GW	L2	L1	D	A	H	Box	*€/Stück *€/piece
8486405	M5	42	62	5	6	13	10	3,00
8486406	M6	48	77	6	7	15	10	3,30
8486408	M8	56	94	8	10	20	5	6,00
8486410	M10	67	115	9	12	25	5	9,10
8486412	M12	81	136	12	13	30	5	14,50
8486416	M16	103	163	16	17	40	1	33,00
8486420	M20	115	198	19	20	45	1	53,00

8503

Toggle mit Linksgewinde / A4-AISI 316

Toggle with left-hand thread / Embout à chape articulée filetée, pas à gauche



Bestell-Nr. Order no.	GW	L2	L1	D	A	H	Box	*€/Stück *€/piece
8503405	M5	42	62	5	6	13	10	3,30
8503406	M6	48	77	6	7	15	10	3,60
8503408	M8	56	94	8	10	20	5	6,40
8503410	M10	67	116	9	12	25	5	9,50
8503412	M12	81	136	12	13	30	5	14,80
8503414	M14	89	140	14	15	35	1	29,00
8503416	M16	103	163	16	17	40	1	33,80
8503420	M20	115	198	19	20	45	1	53,90

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

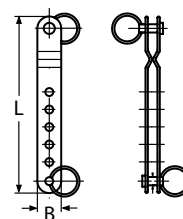
2

Wantenversteller / A2-AISI 304

Stay adjuster / Latte

8346

Bestell-Nr. Order no.	L	B	Bolzen Pin	Box	*€/Stück *€/piece
83462104	104	15	5	5	3,40

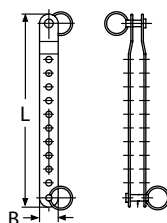


Wantenversteller / A2-AISI 304

Stay adjuster / Latte

8350

Bestell-Nr. Order no.	L	B	Bolzen Pin	Box	*€/Stück *€/piece
83502100	100	15	5	5	6,80
83502155	155	15	5	5	8,10
83502200	200	15	5	5	11,10

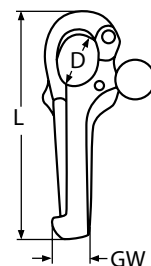


Pelikanhaken mit Innengewinde / A4-AISI 316

Pelican hook with internal thread / Crochet pelican fileté

8283

Bestell-Nr. Order no.	GW	L	D	**BL/kg	Box	*€/Stück *€/piece
8283406	M6	75	18,5	570	1	5,50
8283408	M8	100	27,0	1030	1	8,50
8283410-125	M10	125	35,0	1590	1	25,20
8283410	M10	144	35,0	1590	1	26,00
8283412	M12	150	39,0	1750	1	27,00

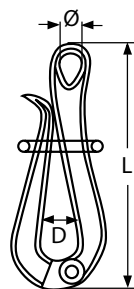


Pelikanhaken mit Auge / A4-AISI 316

Pelican hook with eye / Crochet pélican

814077

Bestell-Nr. Order no.	L	D	Ø	Box	*€/Stück *€/piece
8140774100	100	18	10	5	9,60
8140774150	150	22	13	5	18,20



Spannschlösser, Terminals und Drahtseile

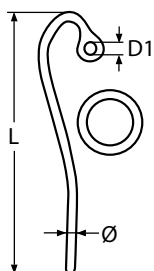
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

814167

Sliphaken mit Ring / A4-AISI 316

Slip hook with ring / Crochet coulissant à anneau

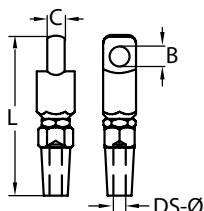


Bestell-Nr. Order no.	L	D1	Ø	Kopfbreite Thickness of head	Box	*€/Stück *€/piece
8141674132_5	132	5,1	5	7,1	5	2,20
8141674142_6	142	6,2	6	9,6	5	3,40
8141674192_8	192	8,5	8	11,3	2	8,00
8141674235_12	235	13,0	12	14,4	2	19,90

8403

Montageaugterminal / A4-AISI 316

Quick attach eye terminal / Embout à œil à sertissage rapide



Bestell-Nr. Order no.	DS-Ø WR-Ø	B	C	L	Box	*€/Stück *€/piece
8403404	4	8	6,5	67	1	32,90
8403405	5	10	8,0	80	1	36,00
8403406	6	12	9,0	95	1	43,50
8403408	8	14	10,0	119	1	83,50

Für Seile: 1x19 – 7x7 – 7x19 · BL= ca. 95% der Drahtseilbruchlast

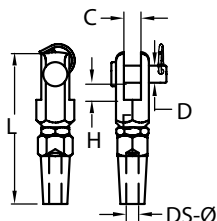
For wire: 1x19 – 7x7 – 7x19 · BL= ca. 95% of wire rope breaking load

Technische Information Seite 411
Technical information page 411

8404

Montagegabelterminal / A4-AISI 316

Quick attach fork terminal / Embout à chape à sertissage rapide



Bestell-Nr. Order no.	DS-Ø WR-Ø	D	C	L	H	Box	*€/Stück *€/piece
8404404	4	8	8	72	8	1	32,00
8404405	5	10	10	82	10	1	40,00
8404406	6	12	12	94	12	1	47,70
8404408	8	14	14	116	14	1	64,50

Für Seile: 1x19 – 7x7 – 7x19 · BL= ca. 95% der Drahtseilbruchlast

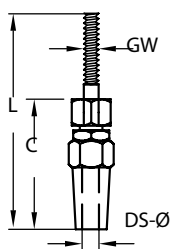
For wire: 1x19 – 7x7 – 7x19 · BL= ca. 95% of wire rope breaking load

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Technical information page 411

8406

Montagegewindeterminale / A4-AISI 316

Fast and bolt, quick attach thread terminal / Terminaison fileté à sertissage rapide



Bestell-Nr. Order no.	DS-Ø WR-Ø	GW	C	L	Box	€/Stück *€/piece
8406404	4	M8	57	100	1	35,00
8406405	5	M10	63	117	1	40,00
8406406	6	M12	80	145	1	60,00
8406408	8	M16	100	182	1	79,20

Für Seile: 1x19 – 7x7 – 7x19 · BL= ca. 95% der Drahtseilbruchlast

For wire: 1x19 – 7x7 – 7x19 · BL= ca. 95% of wire rope breaking load

Technische Information Seite 411
Technical information page 411

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

2

Edelstahl-Drahtseil weich/flexibel (1.570 N/mm²) / A4-AISI 316

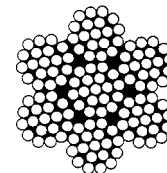
Wire rope, flexible / Câble extra souple

8382

Bestell-Nr. Order no.	DS-Ø WR-Ø	**BL/kg	Haspellänge/m Rule length/m	*€/Meter *€/metre
83824015	1,5	120	250/2000	1,00
8382402	2,0	210	250/2000	1,10
83824025	2,5	330	250/1000	2,10
8382403	3,0	480	250/1000	2,30
8382404	4,0	850	250/1000	2,40
8382405	5,0	1330	250/1000	2,70
8382406	6,0	1910	250/500	4,00
8382407	7,0	2600	250	5,20
8382408	8,0	3390	250/500	6,60
8382410	10,0	5310	250/500	11,50
8382412	12,0	7650	250/500	18,40
8382414	14,0	10410	250	35,60
8382416250	16,0	13600	250	40,50



7x19



Die in der Tabelle erwähnten Meterpreise gelten bei Haspelabnahme.
The prices per metre specified in the table are valid for complete rolls only.

Edelstahl-Drahtseil mittelweich (1.570 N/mm²) / A4-AISI 316

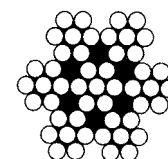
Wire rope, semi-soft / Câble souple

8379

Bestell-Nr. Order no.	DS-Ø WR-Ø	**BL/kg	Haspellänge/m Rule length/m	*€/Meter *€/metre
8379401	1,0	60	250/2000	0,35
83794015	1,5	130	250/2000	0,44
8379402	2,0	230	250/2000	0,50
83794025	2,5	360	250/1000	0,60
8379403	3,0	510	250/1000	1,00
8379404	4,0	910	250/1000	1,70
8379405	5,0	1430	250/500	2,60
8379406	6,0	2060	250/500	3,80
8379407	7,0	2810	250	6,10
8379408	8,0	3670	250/500	9,00
8379410	10,0	5740	250/500	10,00
8379412	12,0	8270	250/500	12,80



7x7



Die in der Tabelle erwähnten Meterpreise gelten bei Haspelabnahme.
The prices per metre specified in the table are valid for complete rolls only.

Edelstahl-Drahtseil mittelweich, PVC weiß ummantelt (1.570 N/mm²) / A4-AISI 316

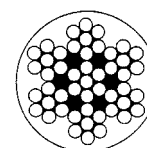
PVC white coated wire rope semi-soft / Câble souple gainé blanc

8381

Bestell-Nr. Order no.	DS-Ø WR-Ø	**BL/kg	Haspellänge/m Rule length/m	*€/Meter *€/metre
838143/5250	3/5	510	250	1,30
838144/6	4/6	910	250/1000	2,80
838144/7	4/7	910	250/1000	3,00
838145/7	5/7	1430	250/1000	3,90
838146/9250	6/9	2060	250	4,40



7x7



Die in der Tabelle erwähnten Meterpreise gelten bei Haspelabnahme.
The prices per metre specified in the table are valid for complete rolls only.

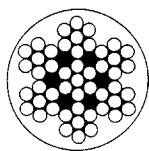
Relingsdrahtset siehe Seite 255.
Guard rail set see page 255.

814593

Edelstahl-Drahtseil mittelweich, PVC transparent ummantelt (1.570 N/mm²) / A4-AISI 316

PVC clear coated wire rope semi-soft / Câble souple 7x7 gainé transparent

7x7



Bestell-Nr. Order no.	DS-Ø WR-Ø	**BL/kg	Haspellänge/m Rule length/m	*€/Meter *€/metre
81459341/15250	1/1,5	60	250	0,30
8145934125/2250	1,25/2	90	250	0,40
81459342/3250	2/3	230	250	0,60
81459343/4250	3/4	510	250	1,10
81459344/5250	4/5	910	250	1,70
81459345/7250	5/7	1430	250	2,80

Die in der Tabelle erwähnten Meterpreise gelten bei Haspelabnahme.

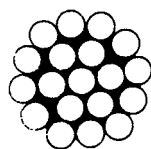
The prices per metre specified in the table are valid for complete rolls only.

8378

Edelstahl-Drahtseil steif/hart (1.570 N/mm²) / A4-AISI 316

Wire rope hard/stiff / Câble monotoron

1x19



Bestell-Nr. Order no.	DS-Ø WR-Ø	**BL/kg	Haspellänge/m Rule length/m	*€/Meter *€/metre
8378401	1,0	80	250/2000	0,30
83784015	1,5	180	250/2000	0,40
8378402	2,0	330	250/2000	0,60
83784025	2,5	520	250/1000	0,90
8378403	3,0	750	250/1000	1,20
8378404	4,0	1340	250/1000	2,90
8378405	5,0	2100	250/1000	3,20
8378406	6,0	3020	250/500	4,75
8378407	7,0	4120	250	6,50
8378408	8,0	5380	250/500	10,90
8378410	10,0	8400	250	13,50
8378412	12,0	12100	250/500	22,95

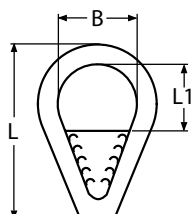
Die in der Tabelle erwähnten Meterpreise gelten bei Haspelabnahme.

The prices per metre specified in the table are valid for complete rolls only.

8636

Kausche mit Steg / A4-AISI 316

Thimble with bar / Cosse cœur soudé



Bestell-Nr. Order no.	DS-Ø WR-Ø	B	L	L1	Box	*€/Stück *€/piece
8636406	6	14	37	11	10	5,50
8636408	8	19	50	15	10	6,00
8636410	10	26	53	21	10	9,00
8636412	12	27	60	25	5	11,00
8636414	14	34	74	30	5	13,60

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

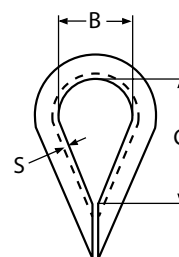
2

Kausche / A4-AISI 316

Thimble / Cosse cœur

8247

Bestell-Nr. Order no.	DS-Ø WR-Ø	B	C	S	Box	*€/Stück *€/piece
8247402	2,0	7	10	0,7	50	0,20
82474025	2,5	8	14	0,7	50	0,25
8247403	3,0	9	15	1,0	50	0,26
8247404	4,0	11	18	1,0	20	0,33
8247405	5,0	14	20	1,2	20	0,43
8247406	6,0	15	26	1,2	20	0,46
8247408	8,0	18	29	1,5	10	0,84
8247410	10,0	24	37	1,5	10	1,12
8247412	12,0	29	50	1,5	10	1,62
8247414	14,0	33	54	2,0	5	2,64
8247416	16,0	37	64	2,0	5	3,50
8247418	18,0	40	70	2,5	1	4,50
8247420	20,0	45	75	2,5	1	5,40
8247422	22,0	53	88	2,5	1	8,10
8247424	24,0	58	92	3,0	1	10,90



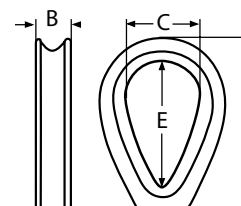
2

Kausche, schwere Form / A4-AISI 316

Thimble, heavy duty / Cosse cœur forme arrondie

8536

Bestell-Nr. Order no.	DS-Ø WR-Ø	B	C	L	E	Box	*€/Stück *€/piece
8536402	2	5	9	21	15	10	1,10
8536403	3	6	11	26	18	10	1,30
8536404	4	7	14	32	21	10	1,50
8536405	5	9	15	42	28	10	2,20
8536406	6	11	17	43	28	10	2,80
8536408	8	10	24	58	43	5	3,70
8536410	10	13	28	68	51	5	5,00
8536412	12	16	37	86	62	5	8,50
8536416	16	20	47	110	82	1	14,50
8536419	19	24	60	124	94	1	18,00
8536422	22	28	63	126	100	1	24,50
8536425	25	32	74	146	115	1	40,00

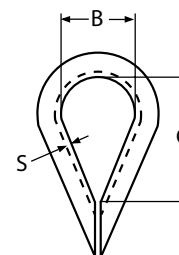


Nylon Kausche / Nylon

Nylon thimble / Cosse cœur en nylon

814453

Bestell-Nr. Order no.	DS-Ø WR-Ø	B	C	S	Box	*€/Stück *€/piece
814453304	4	13	19	2	20	0,20
814453306	6	16	22	2	20	0,30
814453308	8	23	38	2	20	0,40
814453310	10	24	40	3	10	0,70
814453312	12	24	41	3	10	0,90
814453314	14	26	44	3	10	1,40
814453316	16	34	54	5	5	1,90
814453318	18	34	56	6	5	2,70
814453320	20	35	57	6	5	3,80



Spannschlösser, Terminals und Drahtseile

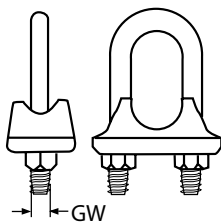
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

8248

Drahtseilklemme / A4-AISI 316

Wire rope clip / Serre câble à etrier

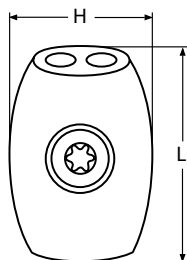


Bestell-Nr. Order no.	DS-Ø WR-Ø	GW	Box	*€/Stück *€/piece
8248402	2	M3	50	1,00
8248403	3	M3	50	1,10
8248404	4	M4	20	1,20
8248405	5	M5	20	1,30
8248406	6	M6	20	1,50
8248408	8	M6	10	2,30
8248410	10	M8	10	3,80
8248413	13	M10	5	5,70
8248416	16	M10	5	8,90
8248418	18	M12	1	12,70
8248422	22	M12	1	17,50

814391

Eiform-Drahtseilklemme / A4-AISI 316

Egg shaped wire rope clip / Serre cable forme œuf

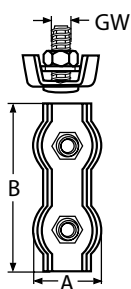


Bestell-Nr. Order no.	DS-Ø WR-Ø	L	H	Antrieb Drive	Box	*€/Stück *€/piece
814391402	2	28	11	TX20	10	6,50
814391403	3	28	12	TX25	10	7,20
814391404	4	34	14	TX30	10	8,00
814391405	5	34	15	TX30	5	9,40
814391406	6	35	15	TX30	5	10,90

8284

Duplex Drahtseilklemme / A4-AISI 316

Duplex wire rope clip / Serre câble plat double

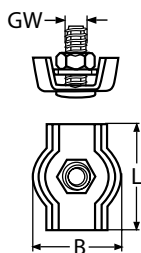


Bestell-Nr. Order no.	DS-Ø WR-Ø	GW	A	B	Box	*€/Stück *€/piece
8284402	2	M4	11,5	33	20	1,30
8284403	3	M4	14,5	38	20	1,30
8284404	4	M5	16,5	43	20	1,70
8284405	5	M5	20,0	51	10	2,50
8284406	6	M6	24,5	63	10	3,30
8284408	8	M8	31,5	78	5	5,60
8284410	10	M10	38,0	85	5	9,20

8304

Simplex Drahtseilklemme / A4-AISI 316

Simplex wire rope clip / Serre câble plat simple



Bestell-Nr. Order no.	DS-Ø WR-Ø	GW	B	L	Box	*€/Stück *€/piece
8304402	2	M4	11,5	15	20	0,50
8304403	3	M4	14,5	18	20	0,60
8304404	4	M5	16,5	20	20	1,00
8304405	5	M5	20,0	24	10	1,20
8304406	6	M6	24,5	29	10	1,90
8304408	8	M8	31,5	35	5	3,50
8304410	10	M10	38,0	48	5	4,90

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

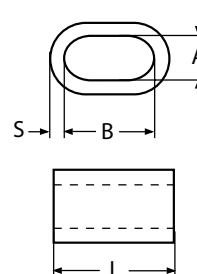
2

Pressklemme aus Kupfer / Kupfer Copper ferrule / Manchon en cuivre

8285

NEW

Bestell-Nr. Order no.	DS-Ø WR-Ø	Klemmgröße Clamping size	A	B	S	L	Box	*€/Stück *€/piece
8285101	1,0	1,5	1,7	3,4	0,75	6	100	0,16
82851015	1,5	2,0	2,4	4,8	0,85	7	100	0,22
8285102	2,0	2,5	2,7	5,4	1,0	9	100	0,30
82851025	2,5	3,0	3,6	6,6	1,25	11	100	0,35
8285103	3,0	3,5	3,8	7,6	1,5	13	100	0,42
8285104	4,0	4,5	4,9	9,8	1,9	16	100	0,80
8285105	5,0	6,0	6,6	13,2	2,5	21	50	1,70
8285106	6,0	6,5	7,2	14,4	2,7	23	50	2,10
8285107	7,0	8,0	8,8	17,6	3,3	28	10	4,35
8285108	8,0	9,0	9,9	19,8	3,7	32	10	10,90
8285110	10,0	11,0	12,1	24,2	4,5	39	10	11,00
8285112	12,0	13,0	14,2	28,4	5,4	46	10	21,83
8285116	16,0	18,0	19,6	39,2	7,6	63	5	43,75



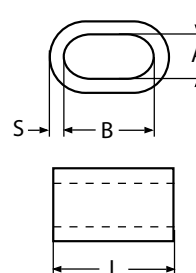
2

Pressklemme aus Edelstahl / A4-AISI 316L Stainless steel ferrule / Manchon en inox

8470

NEW

Bestell-Nr. Order no.	DS-Ø WR-Ø	Klemmgröße Clamping size	A	B	S	L	Box	*€/Stück *€/piece
8470401	1,0	1,0	1,2	2,4	0,65	5	10	1,20
84704015	1,5	1,5	1,7	3,4	0,85	6	10	1,40
8470402	2,0	2,0	2,5	4,5	1,0	7	10	1,50
84704025	2,5	3,0	2,7	5,4	1,0	9	10	1,90
8470403	3,0	3,0	3,5	7,5	1,0	11	10	2,00
8470404	4,0	4,0	4,5	9,2	1,5	14	10	2,10
8470405	5,0	5,0	5,6	11,5	2,0	18	10	4,00
8470406	6,0	6,0	6,8	13,5	2,5	21	10	4,90
8470407	7,0	7,0	8,0	16,5	2,5	25	5	11,00
8470408	8,0	8,0	9,0	18,0	3,0	28	5	7,10
8470410	10,0	10,0	11,5	22,5	3,2	35	1	10,70
8470412	12,0	12,0	14,2	28,5	4,0	42	1	14,40

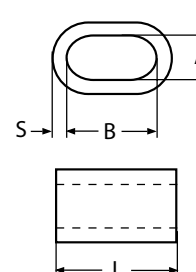


Pressklemme aus Aluminium / Aluminium Alu ferrule / Manchon en alu

8471

NEW

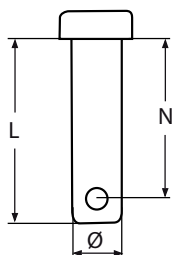
Bestell-Nr. Order no.	DS-Ø WR-Ø	Klemmgröße Clamping size	A	B	S	L	Box	*€/Stück *€/piece
8471001	1,0	1,5	1,7	3,4	0,75	6	100	0,10
84710015	1,5	2,0	2,4	4,8	0,85	7	100	0,15
8471002	2,0	2,5	2,7	5,4	1,0	9	100	0,20
84710025	2,5	3,0	3,3	6,6	1,25	11	100	0,25
8471003	3,0	3,5	3,8	7,6	1,5	13	100	0,30
8471004	4,0	4,5	4,9	9,8	1,9	16	100	0,35
8471005	5,0	6,0	6,6	13,2	2,5	21	50	1,00
8471006	6,0	6,5	7,2	14,4	2,7	23	50	1,25
8471007	7,0	8,0	8,8	17,6	3,3	28	10	1,75
8471008	8,0	9,0	9,9	19,8	3,7	32	10	2,25
8471010	10,0	11,0	12,1	24,2	4,5	39	10	3,00
8471012	12,0	13,0	14,2	28,4	5,4	46	5	5,00



8279

Steckbolzen / A4-AISI 316

Clevis pin / Axe pour ridoir



Bestell-Nr. Order no.	Ø	L	N	Box	*€/Stück *€/piece
8279404_14	4,0	14	11	5	1,05
8279404_20	4,0	20	16	5	1,10
8279405_15	5,0	15	11	5	1,15
8279405_18	5,0	18	14	5	1,20
8279405_21	5,0	21	17	5	1,25
8279406_15	6,0	15	11	5	1,35
8279406_20	6,0	20	16	5	1,65
8279406_24	6,0	24	20	5	1,70
8279406_25	6,0	25	21	5	1,80
8279406_29	6,0	29	25	5	1,85
8279406_34	6,0	34	30	5	1,90
8279406_36	6,0	36	32	5	1,95
8279406_44	6,0	44	40	5	2,00
8279406_45	6,0	45	41	5	2,00
8279406_54	6,0	54	50	5	2,10
8279406_64	6,0	64	60	5	2,20
8279408_21	8,0	21	17	2	2,30
8279408_24	8,0	24	20	2	2,40
8279408_27	8,0	27	23	2	2,45
8279408_32	8,0	32	28	2	2,50
8279408_34	8,0	34	30	2	2,55
8279408_44	8,0	44	40	2	2,60
8279408_54	8,0	54	50	2	2,65
8279408_64	8,0	64	60	2	2,70
8279408_74	8,0	74	70	2	2,80
8279408_84	8,0	84	80	2	2,85
82794095_26	9,5	26	22	1	2,90
82794095_30	9,5	30	26	1	2,95
8279410_34	10,0	34	30	1	3,10
8279410_44	10,0	44	40	1	3,15
8279410_54	10,0	54	50	1	3,20
8279410_64	10,0	64	60	1	3,50
8279410_74	10,0	74	70	1	3,60
8279410_84	10,0	84	80	1	3,70
8279410_94	10,0	94	90	1	3,90
8279410_104	10,0	104	100	1	4,20
8279411_29	11,0	29	25	1	5,20
8279412_30	12,0	30	26	1	5,30
8279412_45	12,0	45	40	1	5,40
8279412_55	12,0	55	50	1	5,60
8279412_65	12,0	65	60	1	5,80
8279412_75	12,0	75	70	1	5,90
8279412_85	12,0	85	80	1	6,00
8279412_95	12,0	95	90	1	6,10
8279412_105	12,0	105	100	1	6,40
8279412_115	12,0	115	110	1	6,50
8279412_125	12,0	125	120	1	6,70
8279414_41	14,0	41	36	1	9,50

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

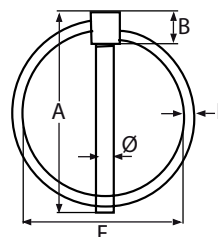
2

Klappsplint mit Ring / A4-AISI 316

Linchpin / Goupille Clips

814076

Bestell-Nr. Order no.	Ø	A	B	E	F	Box	*€/Stück *€/piece
8140764440	4,4	49,6	7,5	2,4	39,0	10	2,30
8140764600	6,0	56,2	8,0	3,2	44,8	10	3,60
8140764790	7,4	56,5	8,4	3,1	44,9	5	4,40
8140764106	10,6	56,5	10,7	3,2	43,4	5	5,80



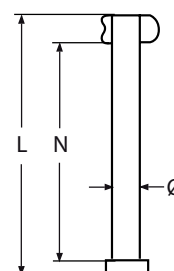
2

Klappnasenbolzen / A2-AISI 304

Drop nose pin / Axe pour ridoir avec languette

8356

Bestell-Nr. Order no.	Ø	L	N	Box	*€/Stück *€/piece
8356206_20	6	20	12	5	6,00
8356206_26	6	26	18	5	6,50
8356206_31	6	31	23	5	7,00
8356206_56	6	56	48	5	8,00
8356206_65	6	65	57	5	9,00
8356208_28	8	28	20	2	7,00
8356208_34	8	34	25	2	7,50
8356208_38	8	38	30	2	8,00
8356208_43	8	43	35	2	8,50
8356210_35	10	35	25	1	9,00
8356210_45	10	45	35	1	9,50
8356210_55	10	55	45	1	10,00

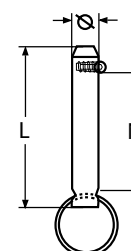


Steckbolzen mit Kugelsicherung / A2-AISI 304

Pin with ball lock / Goupille à bille

8474

Bestell-Nr. Order no.	Ø	L	N	Box	*€/Stück *€/piece
847425_28	5,0	28	13	10	3,00
847426_35	6,3	35	22	10	3,50
847428_33	8,0	33	22	5	4,50
847428_53	8,0	53	38	5	5,00

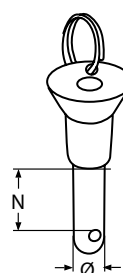


Steckbolzen mit manueller Kugelsicherung / A2-AISI 304

Quick release pin with manual ball lock / Goupille à bille manuelle

814729

Bestell-Nr. Order no.	Ø	N	Box	*€/Stück *€/piece
814729206 25	6	25	1	32,20
814729206 40	6	40	1	35,30
814729208 25	8	25	1	35,50
814729208 40	8	40	1	35,70
814729210 25	10	25	1	36,50
814729210 40	10	40	1	40,90



Spannschlösser, Terminals und Drahtseile

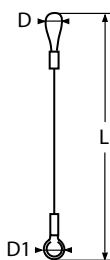
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

8719

Sicherungsseil PVC transparent ummantelt / A2-AISI 304

Security wire rope PVC clear coated / Câble de sécurité

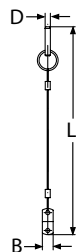


Bestell-Nr. Order no.	DS-Ø WR-Ø	L	D	D1	Box	*€/Stück *€/piece
87192200	1,2	145	8	5,4	10	3,00

8590

Steckbolzen mit Sicherungsseil / A2-AISI 304

Security wire with plug-in bolt / Câble de sécurité avec goupille



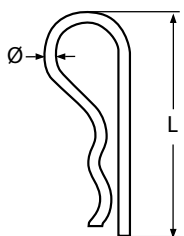
Bestell-Nr. Order no.	DS-Ø WR-Ø	D	L	B	Box	*€/Stück *€/piece
859026_25	1,0	6,3	250	13	10	6,60

Länge kann um +/- 20% variieren.
Length can vary +/- 20%.

8273

Federstecker / A4-AISI 316

Spring cotter / Goupille beta

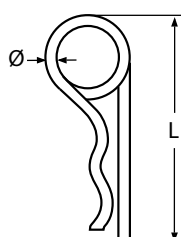


Bestell-Nr. Order no.	Ø	L	Box	*€/Stück *€/piece
827342	2,0	49	50	0,40
8273425	2,5	55	50	0,60
827343	3,0	70	50	0,80
827344	4,0	79	20	1,40
827345	5,0	101	20	2,50
827346	6,0	126	10	3,30

8431

Federstecker nach DIN 11024 / A4-AISI 316

Spring cotter / Goupille beta double à œil



Bestell-Nr. Order no.	Ø	L	Box	*€/Stück *€/piece
8431425	2,25	54	10	2,20
8431432	2,8	61	10	3,50
8431440	3,6	78	10	4,20
8431450	4,5	97	5	5,20
8431463	5,6	115	5	6,50
8431470	6,3	146	1	7,80
8431480	7,0	172	1	9,90

Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes
Tendeurs, ridoirs, embouts à sertir et câbles

2

NEW

Fokkernadel / A4-AISI 316
Safety spring / Épingle de sécurité

814911

Bestell-Nr. Order no.	Ø	L	D	Box	*€/Stück *€/piece
814911402	2	60	12	10	1,00
814911403	3	80	16	10	2,00
814911404	4	100	20	10	3,00

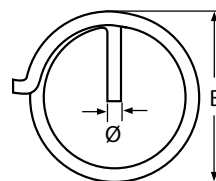


2

Ringsplint / A4-AISI 316
Ring pin / Anneau brisé

8383

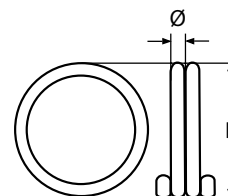
Bestell-Nr. Order no.	Ø	B	Für Steckbolzen-Ø For clevis pin-Ø	Box	*€/Stück *€/piece
8383410_10	1,0	10	4	50	0,10
8383412_15	1,2	15	5 - 6	50	0,15
8383415_20	1,5	20	8 - 10	20	0,20
8383418_25	1,8	25	11 - 14	20	0,25



Sicherungsring / A2-AISI 304
Ring cotter / Anneau double brisé

8358

Bestell-Nr. Order no.	Ø	B	Box	*€/Stück *€/piece
8358210	1,5	10	50	0,20
8358216	1,5	16	50	0,25
8358218	1,5	18	50	0,30
8358222	1,5	22	50	0,35
8358226	1,5	26	50	0,40
8358230	1,5	30	50	0,45



Drahtseilschere / Stahl gehärtet
Wire rope cutter / Cisaille pour câble

8504

Bestell-Nr. Order no.	Max. DS-Ø Max. WR-Ø	L	Box	*€/Stück *€/piece
85041005	4*	195	1	20,00
85041012	12	470	1	200,00
85041016	16	800	1	450,00
850410ERSATZ12	Ersatzmesser für 12 / Replacement blade for 12			1 140,00
850410ERSATZ16	Ersatzmesser für 16 / Replacement blade for 16			1 200,00

* max. 4mm 7x19 und 7x7
max. 3mm 1x19



85041012 + 85041016

85041005

Spannschlösser, Terminals und Drahtseile

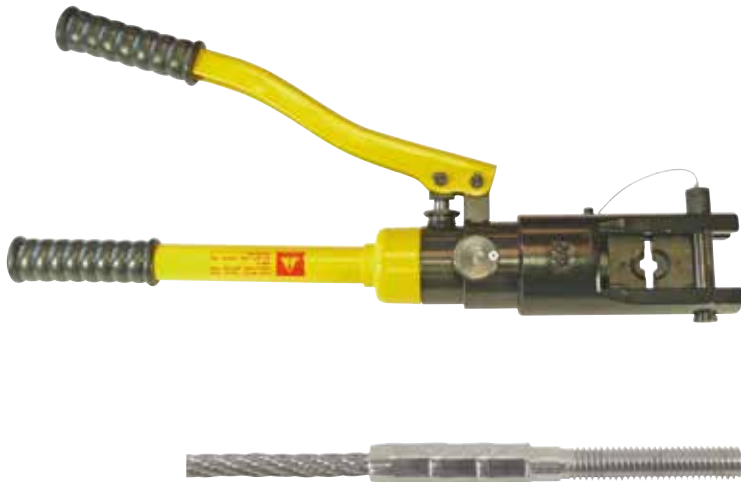
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

814678

Hydraulische Presszange, 12 Tonnen / Stahl

Hydraulic crimping tool 12 tons / Pince Hydrolique (12 tonnes) à sertir pour terminaison et embout „ESS“



Mit einer Kraft von 12 Tonnen und einer Werkzeugbreite von 12mm, ist die hydraulische Presszange optimal geeignet für das Marinetech ESS-Programm schnell und kostengünstig direkt vor Ort zu verpressen. Lieferung im Kunststoffkoffer ohne Presseinsätze.

With a force of 12 tons and a width of 12mm, the hydraulic pliers are ideally suited for quickly and inexpensively crimping for the Marinetech ESS range directly on site. Supplied in a plastic case without crimping dies.

Bestell-Nr. Order no.	Max. Presskraft Max. pressing force	L	Box *€/piece	*€/Stück
8146781012	12 Tonnen / 12 tons	480	1	200,00

814679

Presseinsätze für Terminals / Stahl gehärtet

Crimping dies for terminals / Machoir pour pince hydrolique



Bestell-Nr. Order no.	Für Terminals For terminal	Terminal Außen-Ø Terminal outside-Ø	Box	*€/Stück *€/piece
81467912-025	2,5	5,5	1	140,00
81467912-03	3,0	6,4	1	140,00
81467912-04	4,0	7,5	1	140,00
81467912-05	5,0	9,0	1	140,00
81467912-06	6,0	12,5	1	140,00

Für Artikel 814678

Gefertigt aus hochwertigem Werkzeugstahl mit optimaler Härte und Zähigkeit. Qualität made in Germany gewährleistet maximale Lebensdauer.

For article 814678

Made from high quality tool steel with optimum hardness and toughness. Quality made in Germany ensures maximum durability.

814810

Presseinsätze für Pressklemmen / Stahl gehärtet

Crimping dies for ferrules / Machoir pour manchon

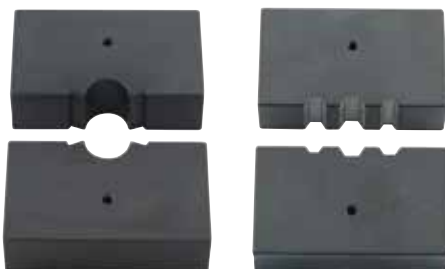


Abb. 81481012-03
Abb. 81481012-04

Abb. 81481012-01

Bestell-Nr. Order no.	DS-Ø WR-Ø	Pressbreite Pressing width	Box	*€/Stück *€/piece
81481012-01	1,0 / 1,5 / 2,0	12	1	350,00
81481012-03	3,0	12	1	180,00
81481012-04	4,0	12	1	180,00

Für Artikel 814678

Drahtseildurchmesser gültig für Drahtseile mit Stahleinlage. Nicht für Pressklemmen aus Edelstahl geeignet.

For article 814678

Wire rope diameter only for wire ropes with wire core. Not usable for stainless steel ferrules.