

**Hooks & Swivels**

**Rope & Chain**

**Safety**

**Cargo**

**Fittings for Cargo**

**Belt Systems**

**Slings & Round Slings**

**Webbing & expander**

**Tools**

**Plastic parts**

**Horse/Dog/ Garden  
equipment**

	<b>Oberfläche</b>	<b>Surface</b>	<b>Surface</b>	<b>Oppervlak</b>
vn	vernickelt	nickel plated	nickelé	vernikkeld
vz	verzinkt	zinc plated	galvanisé	verzinkt
ge	gelb verzinkt	yellow galvanized	galv. jaune	geel verzinkt
po	poliert	polished	poli	gepolijst
bl	blank	bright	poli	blank
fe	feuerverzinkt	hot dip galvanized	zinqué au feu	thermisch verzinkt
el	eloxiert	anodized	anodiser	geanodiserd
pv	PVC-Schutz	PVC coated	reventure des PVC	PVC bescherming
sb	gestrahlt	blasted	sablee	gestraald
ms	vermessingt	brassed	laiton	kleur messing
ch	verchromt	chromed	chrome	verchromd

	<b>Festigkeit</b>	<b>Strength</b>	<b>Solidité</b>	<b>Sterkte</b>
BS	Bruchlast	Breaking strength	Charge de rupture	Breuklast
SWL	Tragfähigkeit	Charges admissibles	Charge admissible	Belasting
SL	Statische Belastung	Static load	Charge statique	Statische belasting

	<b>Material</b>	<b>Material</b>	<b>Matière</b>	<b>Materiaal</b>
	<b>Körper</b>	<b>Body</b>	<b>Corps</b>	<b>Lichaam</b>
ZD	Zinkdruckguß	Zinc die cast	Fonte injectable	Zamak
HS	Hochfester Stahl	High tensile steel	Acier haute résistance	Hoogwaardig staal
LS	Legierungsstahl	Alloy steel	Acier alliage	Gelegeerd staal
SS	Schmiedestahl	Drop forged steel	Acier forgé	Gesmeed staal
MS	Messing	Solid brass	Laiton	Messing
KS	Kunststoff	Plastic	Plastique	kunststof
TG	Temperguss	malleable iron	malléable	gietijzeren
	<b>Feder</b>	<b>Spring</b>	<b>Ressort</b>	<b>Veer</b>
NS	Nichtrostender Stahl	Stainless steel	Acier inoxydable	Roestvrij / RVS
NO	Normalstahl	Normal steel	Acier normal	Normaal staal
LM	Leichtmetall	Light metal alloy	Metal leger	Lichtmetaal
GG	Grauguss	Grey cast iron	Fonte grise	Grijs gietijzer
A4 / A2	AISI 316 / 304	AISI 316 / 304	AISI 316 / 304	AISI 316 / 304

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# WELCOME to Henssgen International

***Henssgen International B.V. is a top player in safety and metal technology thanks to its quality products, skills and worldwide logistics.***

We supply secure high-quality fastenings for ropes, chains, belts and lines and are one of the industry leaders in the European market. Our extensive product assortment also includes cargo load restraint systems, personal security items, slings and round slings such as various tools. More than 80 years of experience has given us what it takes to be your ideal business partner, confirmed by clients all over the world giving us their trust and long-standing cooperation.

***You are looking for a specific product solution?  
Henssgen International B.V. will develop and manufacture your customized products.***

***Durch Qualität, fachliche Qualifikation und eine weltweite Logistik ist Henssgen International B.V. zu einem Begriff in der Sicherheits- und Metalltechnik geworden.***

Wir liefern die sichere Verbindung für alle Seile, Ketten, Gurte und Leinen und zählen zu den Branchenführern Europas. Unser umfangreiches Sortiment umfasst darüberhinaus auch Produkte der Ladungs- und Personensicherung, Zurrgurte, Hebebänder und Rundschnitten sowie Werkzeuge. Mehr als 80 Jahre Herstellererfahrung haben uns zu einem schlagkräftigen Partner gemacht. Kunden in der ganzen Welt bestätigen mit ihrem Vertrauen und durch ihre langfristige Zusammenarbeit unsere Position.

***Sie suchen eine spezifische Produktlösung?  
Henssgen International B.V. entwickelt und fertigt für Sie ein maßgeschneidertes Produkt.***

***C'est sur sa qualité, son dynamisme et ses services logistiques mondiaux que s'est construite l'excellente réputation de Henssgen International B.V. dans le monde des techniques de la sécurité et du métal.***

Nous livrons les attaches les plus sûres pour cordes, chaînes, ceintures et câbles et sommes l'un des leaders du marché européen dans notre secteur professionnel. Notre gamme de produit contient aussi des sangles d'arrimages, des équipements de protection individuelle, des sangles et différents outils comme élingues rondes. Plus de 80 années d'expérience dans la production ont fait de nous un partenaire énergique et fiable. Nos clients dans le monde entier confirment notre position en nous accordant leur confiance dans le cadre d'une coopération sur le long terme.

***Cherchez vous une solution pour des produits spécifiques?  
Henssgen International B.V. développe et fabrique des produits personnalisés.***

***Door kwaliteit, vaardigheid en wereldwijde logistiek is Henssgen International B.V. een begrip in veiligheids- en metaaltechniek.***

Wij leveren de veilige verbinding voor touwen, kettingen, riemen en lijnen en zijn binnen onze branche één van de marktleiders in Europa. Ons uitgebreide product assortiment omvat ook ladingzekering en toebehoren, valbeveiliging artikelen, hijsbanden en rondstroppen en verschillende gereedschappen. Meer dan tachtig jaar ervaring als producent hebben ons gevormd tot een daadkrachtige partner. Klanten over de hele wereld bevestigen onze positie met hun vertrouwen en langdurige samenwerking.

***Bent u op zoek naar een specifiek product?  
Henssgen International B.V. ontwikkelt en produceert graag een artikel naar uw specifieke wensen.***

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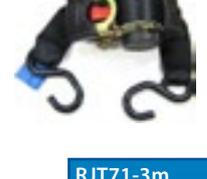
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**Note:** Measurements for all items are conditional.  
Breaking loads are approximate informations:

**Hinweis:** Die Maße aller Artikel verstehen sich unter Vorbehalt.  
Die Bruchlasten sind circa Angaben.

**Opmerking:** De maten van alle artikelen zijn onder voorbehoud.  
De breuklasten zijn circa waardes.

**Remarque:** Sous réserve de changement de dimension possible pour tous les articles. Les charges de rupture sont des données approximatives.



# *Chapter 1*

## *Hooks, swivels and rings*

*Karabinerhaken, Wirbel und Ringe*

*Mousqueton, Tourillon et Anneau*

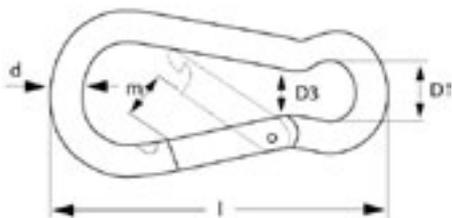
*Karabijnhaken, Wervels en Ringen*

# Snap hook standard

Feuerwehrkarabinerhaken - Mousqueton standard - Karabinhaak



245 (DIN 5299 C)



Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D3 - mm	m - mm	l - mm	SWL - daN	Unit	Weight - g
245-040-04	909400	NO	vz	4	6	4	6	40	60	200	8
245-050-05 DIN 5299 C	901626	NO	vz	5	8	6	7	50	120	200	16
245-060-06 DIN 5299 C	905971	NO	vz	6	9	7	8	60	120	100	25
245-070-07 DIN 5299 C	911554	NO	vz	7	10	8	9	70	180	50	40
245-080-08 DIN 5299 C	907137	NO	vz	8	12	9	10	80	230	50	62
245-090-09 DIN 5299 C	911627	NO	vz	9	13	10	12	90	250	25	94
245-100-10 DIN 5299 C	907208	NO	vz	10	15	12	13	100	350	25	118
245-120-11 DIN 5299 C	905986	NO	vz	11	18	15	16	120	450	20	172
245-140-12 DIN 5299 C	910070	NO	vz	12	20	17	21	140	510	10	246
245-160-13 DIN 5299 C	910834	NO	vz	13	21	19	30	160	600	5	333
245-180-14 DIN 5299 C	922496	NO	vz	14	22	18	27	180	650	5	461
245-200-15	933798	NO	vz	15	27	20	40	200	500	5	606



BLACK

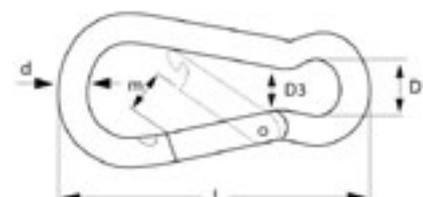
all hooks also in black



2960-S-BL



2118



Name & Material				Measurements					Additional Info		
Name	Ident No.	Material	Surface	d - mm	D1 - mm	D3 - mm	m - mm	l - mm	SWL - daN	Unit	Weight - g
245-B-040-04	909401	NO	black galv.	4	6	4,6	6	40	60	200	8
245-B-050-05	909402	NO	black galv.	5	8	6	7	50	70	200	16
245-I-B-050-05	920739	A4	black galv.	5	8	6	7	50	95	50	16
245-B-060-06	909403	NO	black galv.	6	9	7	8	60	90	100	27
245-B-080-08	909404	NO	black galv.	8	12	9	10	80	140	50	64
2960-S-BL	950165	NO	black galv.	6	x	13	9	62	150	25	45
2118-38	932097	NO	black galv.	6	38	x	8	74	150	25	45
2118-40	932098	NO	black galv.	4,5	40	x	6,5	62	100	25	30



2450



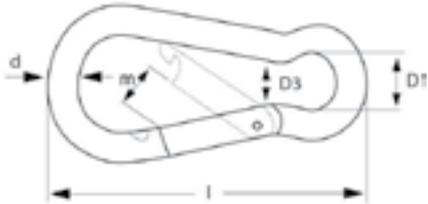
2450 S



2470-5



245 S



Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D3 - mm	m - mm	l - mm	SWL - daN	Unit	Weight - g
2450-060-06	927937	NO	vz	6	7	x	8	60	90	100	25
2450-080-08	927936	NO	vz	8	10	x	12	80	140	50	61
2450-100-10	927923	NO	vz	10	13	x	13	100	170	25	122
2450-120-11	933800	NO	vz	11	15	x	17	120	230	20	186
2450-S-060-06	950072	NO	vz	6	7	x	8	60	90	25	29
2450-S-070-07	933801	NO	vz	7	8	x	9	70	130	100	49
2450-S-080-08	933802	NO	vz	8	10	x	10	80	140	50	68
2450-S-100-10	933803	NO	vz	11	13	x	11	100	170	25	160
2450-S-120-11	933804	NO	vz	11	15	x	17	120	230	20	184
2470-S-080-08	930100	NO	vz	8	10	12	11	80	500	20	70
245-S-070-07	927938	NO	vz	7	10	8	8	70	130	50	40
245-S-080-08	927939	NO	vz	8	11	9	9	80	140	50	65
245-S-090-09	927940	NO	vz	9	13	11	11	90	150	25	89
245-S-100-10	927941	NO	vz	10	12	12	11	100	170	25	129
245-S-120-11	927942	NO	vz	11	16	15	17	120	230	20	189
245-S-140-12	927943	NO	vz	12	18	16	20	140	250	10	250
245-S-160-13	933799	NO	vz	13	22	17	22	160	300	5	340
245-S-180-14	933805	NO	vz	14	25	19	30	180	400	5	444



# Snap hook standard

Feuerwehrkarabinerhaken - Mousqueton standard - Karabijnhaak



226



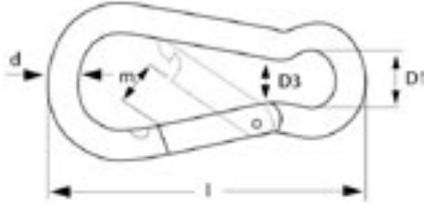
226 S



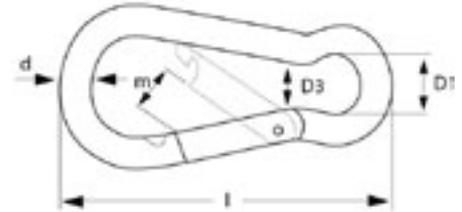
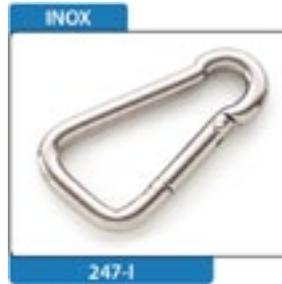
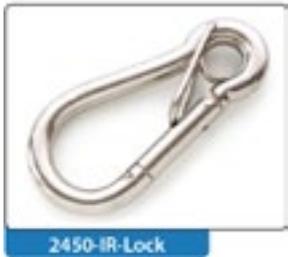
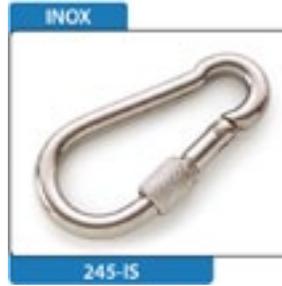
246



2921



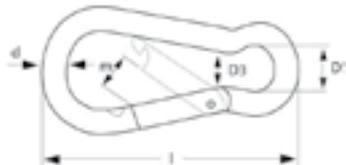
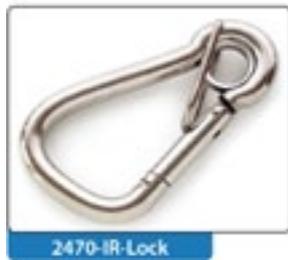
Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D3 - mm	m - mm	l - mm	BS - daN	Unit	Weight - g
226-060-06	931208	NO	vz	6	9	x	8	60	x	50	28
226-070-07	931209	NO	vz	7	10	x	9	70	x	25	49
226-080-08	931210	NO	vz	8	12	x	11	80	x	25	64
226-100-10	933841	NO	vz	10	15	x	13	100	x	20	153
226-S-060-06	933834	NO	vz	6	8	x	7	60	x	50	30
226-S-070-07	931211	NO	vz	7	10	x	8	70	x	20	47
226-S-080-08	931212	NO	vz	8	12	x	8	80	x	20	70
226-S-100-10	931359	NO	vz	10	15	x	11	100	x	10	157
246-060-06	924577	NO	vz	6	7	x	9	60	x	100	20
246-070-07	924578	NO	vz	7	10	x	10	70	x	50	40
246-080-08	924579	NO	vz	8	12	x	11	80	x	50	62
246-100-10	924580	NO	vz	10	12	x	15	100	x	25	126
246-120-11	931207	NO	vz	11	15	x	18	120	x	20	182
2921	950161	NO	vz	8	17	x	12	80	1200	50	65



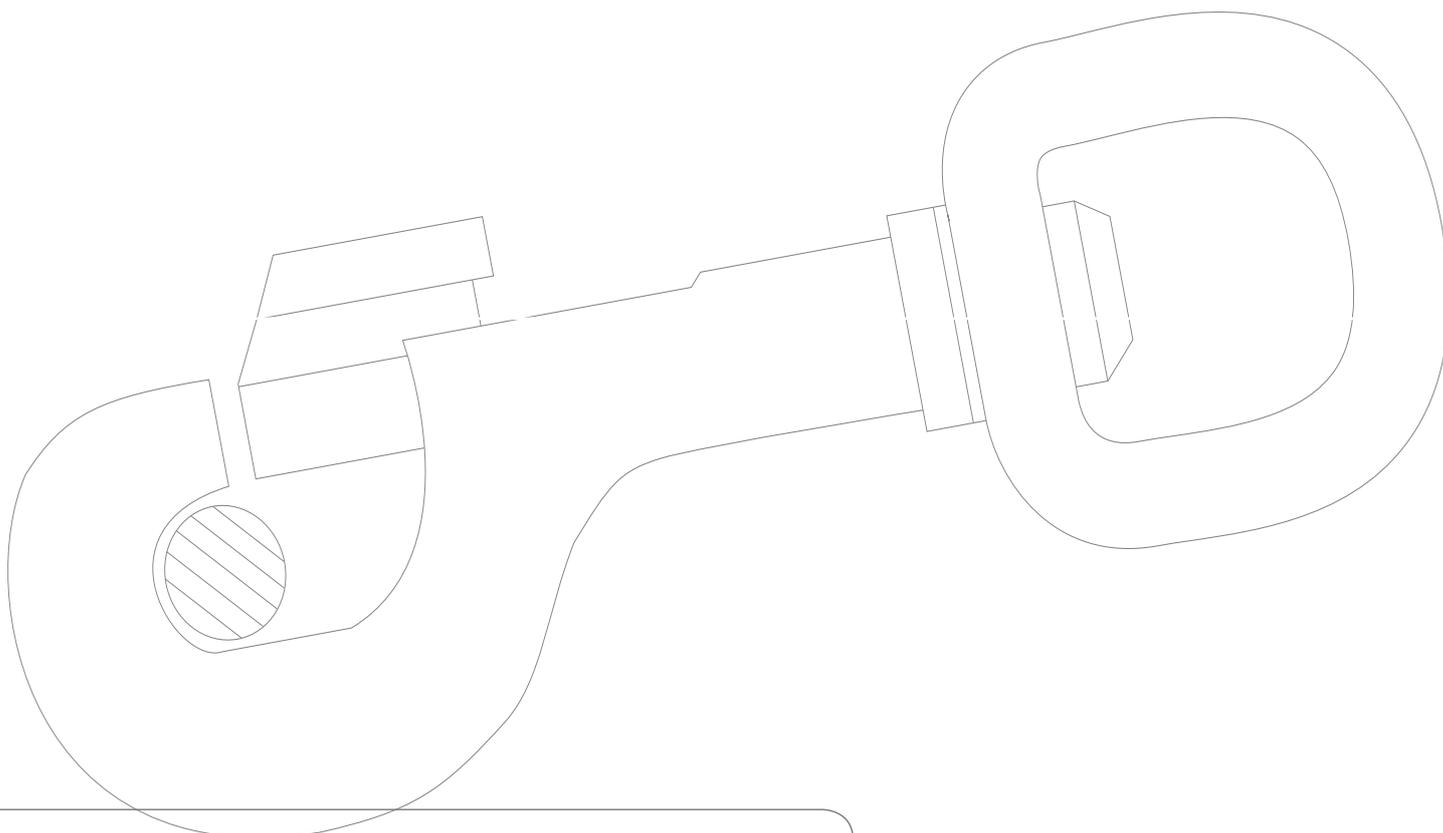
Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D3 - mm	m - mm	l - mm	SWL - daN	Unit	Weight - g
245-I-040-08	920723	A4	po	4	6	5	6	40	60	50	7
245-I-050-05	920719	A4	po	5	8	6	7	50	95	50	16
245-I-060-06	920720	A4	po	6	9	8	8	60	105	50	25
245-I-070-07	920721	A4	po	7	10	9	10	70	155	25	43
245-I-080-08	920722	A4	po	8	12	10	11	80	185	20	60
245-I-090-09	920733	A4	po	9	14	10	12	90	200	20	90
245-I-100-10	920724	A4	po	10	16	11	14	100	260	10	122
245-I-120-11	920725	A4	po	11	17	15	18	120	360	10	174
2450-I-050-05	920726	A4	po	5	6	x	7	50	95	50	15
2450-I-060-06	920727	A4	po	6	7	x	7	60	105	50	26
2450-I-070-07	920728	A4	po	7	9	x	9	70	155	25	40
2450-I-080-08	920729	A4	po	8	10	x	11	80	185	20	64
2450-I-100-10	920731	A4	po	10	13	x	14	100	350	10	134
2450-I-120x11	920732	A4	po	11	15	x	19	120	360	10	187
245-IS-080-08	930001	A4	po	8	12	10	9	80	185	20	70
245-IS-100-10	930002	A4	po	10	16	13	13	100	260	10	126
245-IS-120-11	930003	A4	po	11	17	15	18	120	360	5	187
2450-IS-080-08	930010	A4	po	8	9	x	9	80	185	20	71
2450-IS-100-10	930011	A4	po	10	14	x	13	100	260	10	130
2450-IS-120-11	930012	A4	po	11	14	x	18	120	360	5	188
2450-IR-Lock-100-10	931647	A4	po	10	12	x	14	100	260	10	136
246-I-060-06	930004	A4	po	6	8	x	8	60	105	25	28
246-I-080-08	930009	A4	po	8	9	x	12	80	185	50	62
247-I-060-06	930005	A4	po	6	9	6	10	60	105	25	25
247-I-080-08	930006	A4	po	8	12	8	15	80	185	20	65
247-I-100-10	930007	A4	po	11	15	10	17	100	260	10	137
247-I-120-11	930008	A4	po	13	18	11	25	120	360	5	192

# Snap hook standard

Feuerwehrkarabinerhaken - Mousqueton standard - Karabijnhaak



Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D3 - mm	m - mm	l - mm	Unit	Weight - g
2470-I-060-06	930013	A4	po	6	7	x	8	60	25	31
2470-I-080-08	930014	A4	po	8	10	x	12	80	20	73
2470-I-100-10	930015	A4	po	10	12	x	17	100	10	141
2470-I-120-11	930016	A4	po	11	16	x	18	120	5	200
2470-IR-Lock 100-10	930017	A4	po	10	14	x	14	100	10	144
2490-I-090	930057	A4	po	9	12	x	19	93	20	107
249-I-090-09	950048	A4	po	9	12	10	17	90	20	100





50



50-6



50-bl



50-L



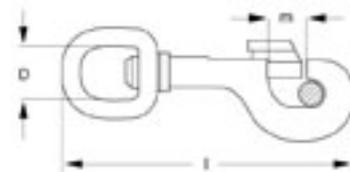
51



52



51-I



Name & Material				Measurement			Additional Info	
Name	IdentNo.	Material	Surface	D - mm	m - mm	l - mm	Unit	Weight - g
50-13	929929	ZD	vn	13	10	78	50	35
50-16	929930	ZD	vn	16	10	78	50	30
50-19	929931	ZD	vn	19	10	85	50	40
50-22	931181	ZD	vn	22	10	86	50	42
50-25	931182	ZD	vn	25	10	89	50	45
50-6-16	931184	ZD	vn	16	10	73	50	34
50-6-19	931185	ZD	vn	19	10	75	50	37
50-6-22	931186	ZD	vn	22	10	79	50	40
50-16-bl	924048	ZD	galv. black	17	10	80	50	32
50-L-13	915213	ZD	vn	13	10	77	50	27
50-L-19	915304	ZD	vn	19	10	82	50	30
51-16	925835	ZD	vn	16	12	95	50	61
52-25	931194	ZD	vn	25	10	75	50	40
51-I-10	825832	A4	bl	10	10	65	100	40
51-I-13	925833	A4	bl	13	10	80	50	30
51-I-16	925834	A4	bl	16	10	82	50	38
51-I-19	925836	A4	bl	19	12	90	50	48

# Snap hook overview

Karabinerhaken Gesamtübersicht - Mousqueton dans l'ensemble - Musketonhaken overzicht



149



149-22 bl



49



50-5



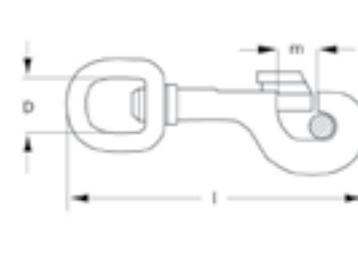
50-5-6



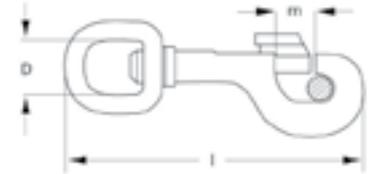
52-5



50-5-6-bl



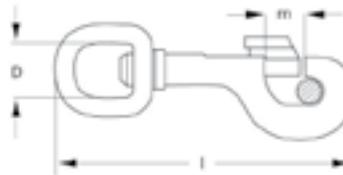
Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D - inch	D - mm	m - mm	l - mm	Unit	Weight - g
149-10	900758	ZD	vn	3/8	10	7	54	200	10
149-12	908910	ZD	vn	1/2	13	7,8	57	200	12
149-22 bl	931204	ZD	black galv.	7/8	22	6	43	200	4,4
49-12	931179	ZD	vn	1/2	12	8	66	100	20
50-5-13	931187	ZD/NS	vn	1/2	13	10	79	100	36
50-5-16	931188	ZD/NS	vn	5/8	16	10	80	50	40
50-5-19	931189	ZD/NS	vn	3/4	19	10	85	50	41
50-5-22	931190	ZD/NS	vn	7/8	22	11	93	50	36
50-5-25	931191	ZD/NS	vn	1	25	10	89	50	45
50-5-6-19	931192	ZD/NS	vn	3/4	19	11	75	50	37
50-5-6-22	931193	ZD/NS	vn	7/8	22	11	80	50	45
52-5-25	931195	ZD	vn	1	25	10	76	50	42
50-5-6-16-bl	931214	ZD	black galv.	5/8	16	10	75	50	34
50-5-6-19-bl	931215	ZD	black galv.	3/4	19	10	75	50	36
50-5-6-25-bl	931216	ZD	black galv.	1	25	10	75	50	38
50-SK-6-16-bl	931217	ZD	black galv.	5/8	16	8	60	50	30
50-SK-6-19-bl	931218	ZD	black galv.	3/4	19	8	60	50	32
50-SK-6-25-bl	931219	ZD	black galv.	1	25	8	60	50	34



Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D - inch	D - mm	m - mm	l - mm	Unit	Weight - g
47-13	931174	ZD	vn	1/2	13	10	74	50	34
47-16	931175	ZD	vn	5/8	16	8	72	50	34
47-19	931178	ZD	vn	3/4	19	9	79	50	42
47-6-16	931176	ZD	vn	5/8	16	7	68	50	30
47-6-19	931177	ZD	vn	3/4	19	11	70	50	32
55-28	924047	ZD	vn	1 1/8	28	12	101	20	67
55-29-118	924046	ZD	vn	1 1/6	27	11	107	50	72
55-29-135	924045	ZD	vn	1 1/6	30	14,5	135	50	184
57-19	931197	ZD	vn	3/4	19	11	85	20	45
57-6-19	931198	ZD	vn	3/4	19	11	78	50	45
58-25	931199	ZD	vn	1	25	10	79	50	47
59-19	931464	ZD	vn	3/4	19	12	85	20	47

# Snap hook overview

Karabinerhaken Gesamtübersicht - Mousqueton dans l'ensemble - Musketonhaken overzicht



Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D - inch	D - mm	m - mm	l - mm	Unit	Weight - g
188-16	916360	ZD	vn	5/8	16	10	85	50	50
188-19	916361	ZD	vn	3/4	19	10	90	25	53
59-6-19	931200	ZD	vn	3/4	19	11	80	50	42
60-25	931201	ZD	vn	1	25	12	80	50	44
62-25	931203	ZD	vn	1	25	10	84	50	50
86-16	924514	ZD	vn	5/8	16	11	88	25	44
86-19	924515	ZD	vn	3/4	19	11	90	25	41
87-22	933842	ZD	vn	7/8	22	12	85	25	40
87-25	933843	ZD	vn	1	25	12	85	25	45



4218



4218-BL



4218-20



4218-25



5054



72



65



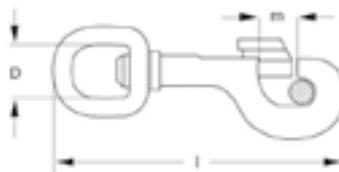
65-OPEN



65-MP OPEN



2315-I



Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D - inch	D - mm	m - mm	l - mm	Unit	Weight - g
4218-1-10	910789	ZD	vn	3/8	10	15	62	50	32
4218-2-13	904894	ZD	vn	1/2	13	15	64	50	35
4218-2-20	907826	ZD	vn	3/4	20	15	68	50	38
4218-1-10-bl	910785	ZD	black	3/8	10	15	62	50	32
4218-2-13-bl	910786	ZD	black	1/2	13	15	64	50	35
4218-2-20-bl	910787	ZD	black	3/4	20	15	68	50	38
4218-20	904900	ZD	vn	1	20	14	65	100	36
4218-25	904895	ZD	vn	x	25	14	60	50	34
5054-50-80	906245	ZD	vn	x	11	5	88	50	18
5054-60-95	910345	ZD	vn	x	13	5	100	50	27
5054-70-110	905174	ZD	vn	x	16	6	110	50	38
5054-85-130	927962	ZD	vn	x	20	8	130	50	53
72-090	910739	ZD	vn	x	x	10	87	50	32
72-105	910640	ZD	vn	x	x	10	101	50	39
72-115	933833	ZD	vn	x	x	12	118	50	63
65-16	904903	ZD	vn	x	16	10	86	50	33
65-19	933832	ZD	vn	3/4	19	12	88	50	34
65-OPEN	904902	ZD	vn	3/4	19	10	90	50	68
65-MP OPEN	904912	ZD	ms	3/4	19	10	90	50	68
2315-I-050	915897	A4	po	1/4	10	9	50	50	21
2315-I-070	915898	A4	po	x	13	12	70	25	50
2315-I-100	915899	A4	po	x	21	22	94	20	130

# Snap hook overview

Karabinerhaken Gesamtübersicht - Mousqueton dans l'ensemble - Musketonhaken overzicht



100



100-bl



135 / 155



135



136



136-l



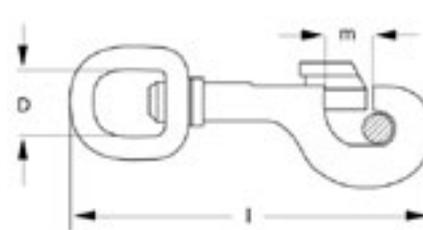
136-19 MP



5297



80-22



Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D - inch	D - mm	m - mm	l - mm	Unit	Weight - g
100-22	923666	ZD	vn	7/8	22	9	60	25	42
100-25	923667	ZD	vn	1	25	9	60	25	44
100-38	923668	ZD	vn	1 1/2	38	9	60	100	53
100-22-bl	950010	ZD	black galv.	7/8	22	9	60	25	44
100-25-bl	950012	ZD	black galv.	1	25	9	60	25	44
135-19	924516	ZD	vn	3/4	19	12	77	50	35
135-25	924049	ZD	vn	1	25	13	76	25	34
135-25-yellow	925577	ZD	ge	1	25	13	76	50	33
155-14	914379	ZD	vn	9/16	14	6	47	200	9
155-16	904134	ZD	vn	5/8	16	5	46	200	8
136-19	904898	ZD	vn	3/4	19	7	65	50	34
136-l-19	904904	A2	po	3/4	19	10	66	100	32
136-19 MP	904818	ZD	ms	3/4	19	7	65	50	37
5297-20	930020	NO	vz	x	20	8	58	50	42
80-22	933831	ZD	vn	7/8	22	12	80	25	33



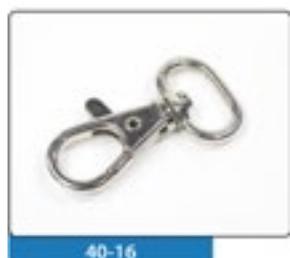
115 D



126



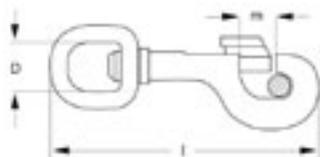
127-19



40-16



40-08



Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D - inch	D - mm	m - mm	l - mm	Unit	Weight - g
115-D-16	931930	NO	ge	5/8	16	13	74	50	33
126-050	916365	ZD	vz	3/8	10	8	50	100	14
126-060	916355	ZD	vz	1/2	12	8	60	100	31
126-070	916356	ZD	vz	9/16	15	10	70	50	45
126-100	916358	ZD	vz	13/16	21	14,5	100	20	112
126-120	916359	ZD	vz	1	25	20	120	10	199
127-19	911399	ZD	vn	3/4	19	10	82	25	50
40-16	931160	ZD	vn	5/8	16	5	40	100	5
40-08	931162	ZD	vn	5/16	8	5	40	100	4

# Snap hook overview

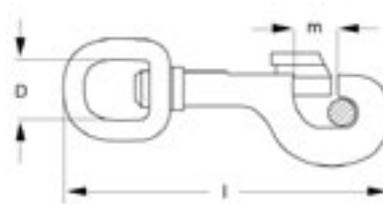
Karabinerhaken Gesamtübersicht - Mousqueton dans l'ensemble - Musketonhaken overzicht



126-MS



127-MS



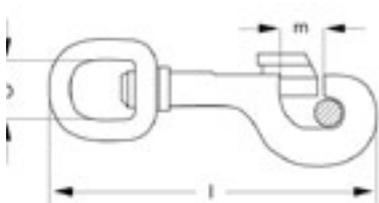
Name & Material			
Name	IdentNo.	Material	Surface
126-MS-16	907448	MS	bl
127-MS-16	900999	MS	bl
127-MS-19	911398	MS	bl

Measurements			
D - inch	D - mm	m - mm	l - mm
5/8	16	10	72
5/8	18	10	82
3/4	19	13	92

Additional Info	
Unit	Weight - g
50	46
50	59
25	84



2317-MS



Name & Material			
Name	IdentNo.	Material	Surface
2317-MS-19	900190	MS	bl

Measurements			
D - inch	D - mm	m - mm	l - mm
3/4	19	16	102

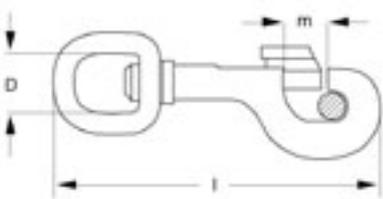
Additional Info	
Unit	Weight - g
25	141



50-MS



50-MS-L



Name & Material			
Name	IdentNo.	Material	Surface
50-MS-16	903666	MS	bl
50-MS-19	910920	MS	bl
50-MS-25	932831	MS	bl
50-MS-L-13	906760	MS	bl

Measurements				
D - inch	D - mm	D3 - mm	m - mm	l - mm
5/8	16	x	11	82
3/4	19	x	9	82
1	25	x	13	91
1/2	13	x	8	72

Additional Info	
Unit	Weight - g
50	54
50	51
25	70
100	30



47-MS



49-MS



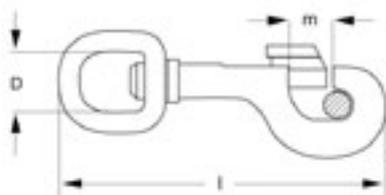
52-MS



4218-MS



136-MS-19



Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D - inch	D - mm	m - mm	l - mm	Unit	Weight - g
47-MS-19	900800	MS	bl	3/4	19	10	75	25	52
49-MS-13	900802	MS	bl	1/2	13	6	73	25	32
52-MS-25	900801	MS	bl	1	25	13	78	25	63
4218-MS-20	904896	MS	bl	3/4	20	13	65	50	47
136-MS-19	904897	MS	bl	3/4	19	6	67	100	40

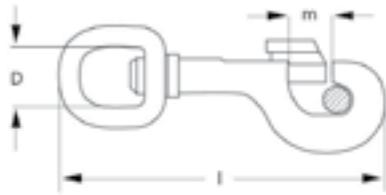


# Snap hook overview

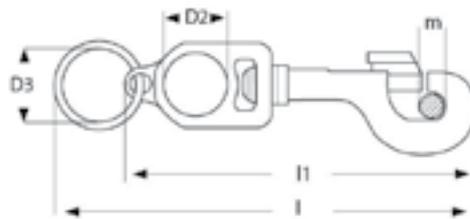
Karabinerhaken Gesamtübersicht-Mousqueton dans l'ensemble - Musketonhaken overzicht



57-16



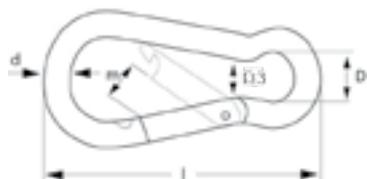
Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D - inch	D - mm	m - mm	l - mm	Unit	Weight - g
57-16 chrom	950004	ZD	ch	3/4	16	12	88	20	45



Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	D2 - mm	D3 - mm	m - mm	l1 - mm	l - mm	Unit	Weight - g
49-12-R	931180	ZD	vn	12	25	8	66	88	100	18
50-5-R	931183	ZD	vn	x	25	9	74	98	50	32
50-L-13-R	907662	ZD	vn	13	26	11	76	99	50	30
50-L-13-white	935060	ZD	white	14	19	9	77	94	50	30
149-10-R white	935062	ZD	white	10	19	6	54	72	50	13

# Key hook

Schlüsselanhänger - Porte clé - Sleutelhanger



Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D3 - mm	m - mm	l - mm	Unit	Weight - g
240R-60-06	950174	LM	el. silver	5,4	9	6	14	60	50	9
240R-60-06	950175	LM	el. blue	5,4	9	6	14	60	50	9
240R-60-06	950176	LM	el.violett	5,4	9	6	14	60	50	9
240R-60-06	950177	LM	el. green	5,4	9	6	14	60	50	9
240R-60-06	950178	LM	el. red	5,4	9	6	14	60	50	9
240R-60-06	950179	LM	el. black	5,4	9	6	14	60	50	9





2922R silver



2922R blue



2922R violett



2922R green



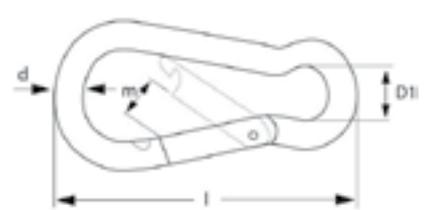
2922R red



2922R black



2922 blue

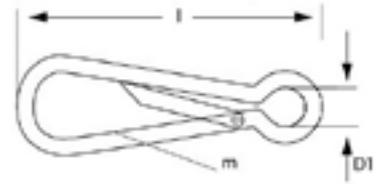


Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	d - mm	D 1 - mm	m - mm	l - mm	Unit	Weight - g
2922R-80-08	950074	LM	el. silver	7,6	18	19	79	50	22
2922R-80-08	950075	LM	el. blue	7,6	18	19	79	50	22
2922R-80-08	950076	LM	el.violett	7,6	18	19	79	50	22
2922R-80-08	950077	LM	el. green	7,6	18	19	79	50	22
2922R-80-08	950078	LM	el. red	7,6	18	19	79	50	22
2922R-80-08	950079	LM	el. black	7,6	18	19	79	50	22
2922-80-08	950080	LM	el. blue	7,6	18	19	79	50	22

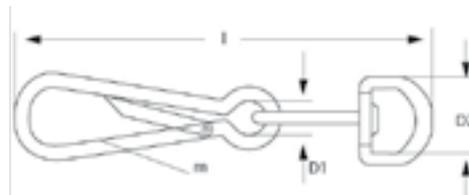


# Simplex hook

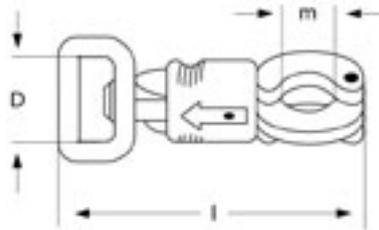
Simplexhaken - Crochet simplex - Simplexhaak



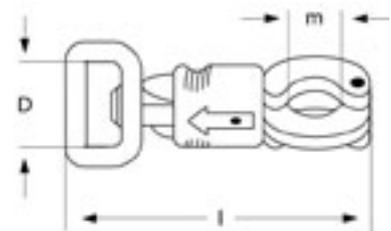
Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	din	D1 - mm	m - mm	l - mm	Unit	Weight - g
4293-1/2-040	901332	NO	vn	DIN 5287-A	7	5	40	500	3
4293-1/2-050	901333	NO	vn	DIN 5287-A	9	7	50	500	4
4293-1/2-060	903461	NO	vn	DIN 5287-A	9	7	60	200	9
4292-1/2-060	917736	NO	vz	DIN 5287-A	11	8	60	250	8
4293-1/2-080	901129	NO	vn	DIN 5287-A	11	11	80	100	18
4293-1/2-100	900976	NO	vn	DIN 5287-A	13	14	100	50	63
4293-1/2-I-040	901924	A4	po	DIN 5287-A	6	6	40	200	2
4293-1/2-I-050	901929	A4	po	DIN 5287-A	9	7	50	200	14
4293-1/2-I-060	901926	A4	po	DIN 5287-A	10	7	60	200	14
4293-1/2-I-080	901927	A4	po	DIN 5287-A	11	12	80	100	21
4293-1/2-I-100	901928	A4	po	DIN 5287-A	13	15	100	50	44



Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	din	D1 - mm	D2 - mm	m - mm	l - mm	Unit	Weight - g
4293-025	933674	NO	vn	DIN 5287-B	5	11	4	50	500	3
4293-030	902054	NO	vn	DIN 5287-B	7	11	4	53	500	4
4293-040	901818	NO	vn	DIN 5287-B	7	12	7	70	500	5
4293-050	901792	NO	vn	DIN 5287-B	8	13	7	80	250	10
4293-060	901786	NO	vn	DIN 5287-B	9	16	8	98	200	14
4293-070	901723	NO	vn	DIN 5287-B	11	17	10	110	200	22
4293-080	901686	NO	vn	DIN 5287-B	12	22	12	127	50	31
4293-090	934734	NO	vn	DIN 5287-B	12	21	10	137	100	36
4293-100	901629	NO	vn	DIN 5287-B	12	22	13	155	25	50
4293-120	901630	NO	vn	DIN 5287-B	15	24	16	170	25	77
4293-025 ZN	933671	NO	vz	DIN 5287-B	5	11	4	50	500	3
4293-060-ZN	902400	NO	vz	DIN 5287-B	10	16	9	99	50	14
4293-090-ZN	934958	NO	vz	DIN 5287-B	13	20	15	137	50	39



Name & Material				Measurement			Additional Info	
Name	IdentNo.	Material	Surface	D - mm	m - mm	l - mm	Unit	Weight - g
1001-13	924758	ZD	vz	13	21	102	10	122
1001-13 N	924759	ZD	vn	13	21	102	10	122
1051-25	950001	ZD	vn	25	21	119	10	140
1200	932328	NO	vz	13	22	101	20	170
1300-I	932330	INOX	bl	18	24	63	10	109



Name & Material				Measurement			Additional Info	
Name	IdentNo.	Material	Surface	D - mm	m - mm	l - mm	Unit	Weight - g
1855-30	904893	TG	vn	30	13	96	10	147
1875-30	904892	TG	vz	30	13	96	10	147
1855-25 R	904888	TG	vn	25	13	107	10	147

# Load hook

Lasthaken - Crochet de levage - Lasthaak



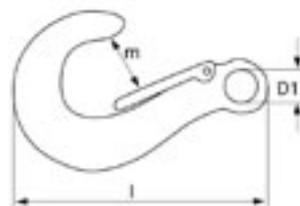
2310



2311



2311-TR-30



Name & Material				Measurements				Additional Info			
Name	IdentNo.	Material	Surface	D1 - mm	m - mm	l1 - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
2310	923311	NO	vz	18	14	x	90	2500	1250	50	150
2311	902993	NO	vz	18	14	x	90	2500	1250	50	160
2311-TR-30	931019	NO	vz	17	17	118	90	x	1250	10	242



689-BL



689



689-S-BL



689-S

Name & Material				Measurements			Additional Info		
Name	IdentNo.	Material	Surface	D1 - mm	m - mm	l - mm	SWL - daN	Unit	Weight - g
689-1-bl	932074	NO	bl	12	17	89	250	10	148
689-2-bl	932075	NO	bl	16	23	117	500	10	358
689-3-bl	932076	NO	bl	19	32	162	1000	5	792
689-4-bl	932077	NO	bl	25	35	186	1600	5	1280
689-1-vz	932078	NO	vz	12	19	87	250	10	131
689-2-vz	932079	NO	vz	16	23	117	500	10	335
689-3-vz	932080	NO	vz	20	33	159	1000	5	914
689-4-vz	932081	NO	vz	25	35	189	1600	5	1252
689-S-1-bl	932082	NO	bl	12	16	88	250	10	164
689-S-2-bl	932083	NO	bl	15	23	118	500	10	360
689-S-3-bl	932084	NO	bl	20	25	161	1000	5	932
689-S-4-bl	932085	NO	bl	21	31	186	1600	5	1320
689-S-1-vz	932086	NO	vz	11	16	87	250	10	126
689-S-2-vz	932087	NO	vz	16	20	118	500	10	335
689-S-3-vz	932088	NO	vz	19	30	158	1000	5	844
689-S-4-vz	932089	NO	vz	25	30	189	1600	5	1338



163



166



176



177



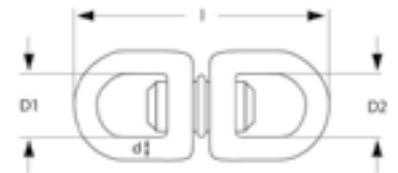
178



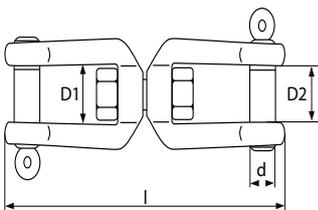
178-52-52



178-I



179-I



1851-I



Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D2 - mm	l - mm	SL - daN	Unit	Weight - g
163-09-13	923631	ZD	vn	4	9	13	42	x	200	10
163-09-16	923632	ZD	vn	4	9	16	45	x	100	12
166-45	914112	TG	vn	5	13	7	47	x	100	23
166-60	900395	TG	vn	5	18	11	58	x	50	43
166-70	912897	TG	vn	6	19	14	69	x	50	50
166-80	902205	TG	vn	8	24	11	84	x	25	100
176-20-25	924734	ZD	vn	5	25	20	60	x	25	36
177-25-20	924735	ZD	vn	5	25	20	50	x	25	35
177-25-25	924733	ZD	vn	5	25	25	50	x	25	36
178-13-13	924709	ZD	vn	4	13	13	52	x	100	19
178-16-16	924710	ZD	vn	5	16	16	62	x	50	32
178-20-20	924711	ZD	vn	5	20	20	70	x	50	34
178-25-25	924713	ZD	vn	5	25	25	83	x	25	47
178-52-52	924712	NO	vz	8	24	24	106	x	25	180
178-I-05	933891	A4	po	5	13	13	57	x	20	35
178-I-06	933892	A4	po	6	15	15	66	x	10	50
178-I-08	933893	A4	po	8	20	20	90	x	10	129
178-I-10	933894	A4	po	10	24	24	114	x	10	245
179-I-06	933895	A4	po	6	12	12	59	x	10	67
179-I-08	933896	A4	po	8	16	16	88	x	5	160
179-I-10	933897	A4	po	10	20	20	110	x	5	304
1851-I	930822	NS	bl	3	21	x	114	1600	25	125

# Swivel / Ring / Key ring

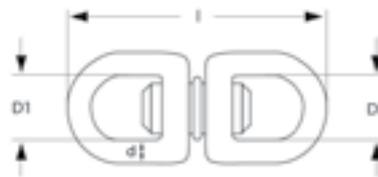
Wirbel / Ringe / Schlüsselringe- Tourillon / Anneau / Bague - Wervels / Ringen / Sleutelringen



167-MS



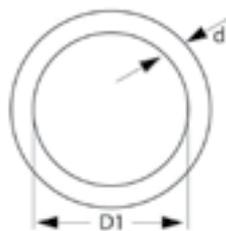
167-MS BL



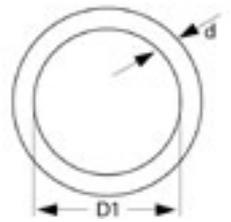
Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D2 - mm	l - mm	Unit	Weight - g
167-MS-50	930018	MS	bl	4	8	8	58	50	25
167-MS-90	930019	MS	bl	6	13	13	95	25	70
167-MS-50-BL	930028	MS	po	4	8	8	58	50	22



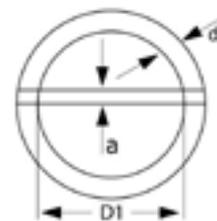
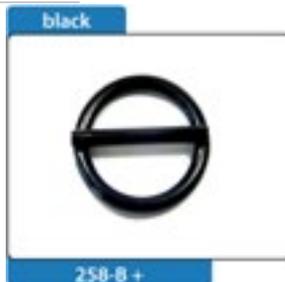
258



Name & Material				Measurements		Additional Info	
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	Unit	Weight - g
258-20-03	917843	NO	vz	3	20	250	5
258-25-3.2	917840	NO	vz	3,2	25	250	7
258-30-03	917845	NO	vz	3	30	100	9
258-30-04	917841	NO	vz	4	30	100	10
258-35-07	917842	NO	vz	7	35	100	42
258-36-05	933939	NO	vz	5	36	50	9
258-40-05	933919	NO	vz	5	40	100	22
258-40-06	917844	NO	vz	6	40	100	33
258-40-08	933920	NO	vz	8	40	50	62
258-40-09	933921	NO	vz	9	40	50	79
258-40-10	933922	NO	vz	10	40	25	96
258-45-09	933931	NO	vz	9	45	50	88
258-50-05	933923	NO	vz	5	50	100	28
258-50-08	933924	NO	vz	8	50	50	64
258-50-09	933925	NO	vz	9	50	25	93
258-50-10	933589	NO	vz	10	50	25	118
258-50-12	933926	NO	vz	12	50	25	174
258-60-06	933927	NO	vz	6	60	100	50
258-60-08	933928	NO	vz	8	60	50	103
258-60-09	933929	NO	vz	9	60	25	111
258-60-10	933930	NO	vz	10	60	20	141
258-60-12	933590	NO	vz	12	60	25	207



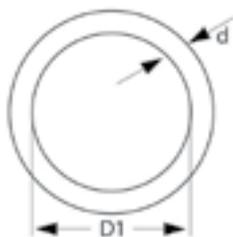
Name & Material				Measurements		Additional Info	
Name	IdentNo.	Material	Surface	d - mm	D 1 - mm	Unit	Weight - g
258-12x2.2 Ni	933932	NO	vn	2.2	12	250	1,3
258-16x2.4 Ni	933933	NO	vn	2.4	16	250	2,2
258-18x2.8 Ni	933934	NO	vn	2.8	18	250	3,2
258-20x3,0 Ni	933953	NO	vn	3	20	250	4,4
258-25x3,5 Ni	933954	NO	vn	3,5	25	250	6,0
258-30x4,0 Ni	933955	NO	vn	4	30	250	10,8
258-MS-19-4	900684	MS	bl	4	19	100	10
258-MS-22-04	900681	MS	bl	4	23	100	10
258-MS-25-05	900682	MS	bl	5	26	100	14
258-MS-30-05	900683	MS	bl	5	32	100	20
258-I-20-03	917848	A2	po	3	20	250	3
258-I-25-3.5	917849	A2	po	3.5	25	250	6
258-I-30-04	917850	A2	po	4	30	250	10
258-I-35-04	917855	A2	po	4	35	250	12
258-I-40-4.5	917853	A2	po	4.5	40	250	16
258-20-3,0 B	917847	NO	black galv.	3	20	250	4
258-25-3,0 B	917846	NO	black galv.	3	25	250	5
258-20-4,0 B	917865	NO	black galv.	4	20	250	6
258-22-4,0 B	917866	NO	black galv.	4	22	250	7
258-25-4,0 B	917867	NO	black galv.	4	25	250	8



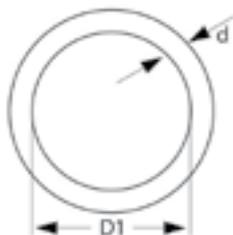
Name & Material				Measurements			Additional Info	
Name	IdentNo.	Material	Surface	d - mm	a - mm	D1 - mm	Unit	Weight - g
258-16x2.75+	933960	NO	vn	2.75	3	16	250	4,5
258-20x3.5+	933961	NO	vn	3.5	3.5	20	250	7,5
258-25x4+	933962	NO	vn	4	4	25	250	10,5
258-I-16x2.75 +	933965	A4	po	2.75	3,00	16	250	4,5
258-I-20x3.5+	933964	A4	po	3.5	3.5	20	250	7,5
258-B-16x2.75+	933966	NO	black	2.75	3.0	16	250	4,5
258-B-20x3.5+	933967	NO	black	3.5	3.5	20	250	7,5
258-B-25x4.0+	933968	NO	black	4	4	25	250	12

# Ring / Key ring

Ringe / Schlüsselringe - Anneau / Bague - Ringen / Sleutelringen



Name & Material				Measurements		Additional Info	
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	Unit	Weight - g
260-10	933504	NO	vn	1	8	100	0,9
260-12	933505	NO	vn	1	10	100	1,3
260-16	933510	NO	vn	1,2	14	100	1,3
260-20	933511	NO	vn	1,4	17	100	1,8
260-25	933512	NO	vn	2	20	100	2,6
260-30	933513	NO	vn	2	26	100	3,8
260-35	933508	NO	vn	2	31	100	4,6
260-38	933509	NO	vn	2	34	100	6



Name & Material				Measurements		Additional Info	
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	Unit	Weight - g
260-I-20	933514	A4	po	1,5	17	100	1,3
260-I-25	933515	A4	po	1,5	22	100	2,2
260-I-28	933517	A4	po	1,5	25	100	2,2



255-ST



255-ST-NI



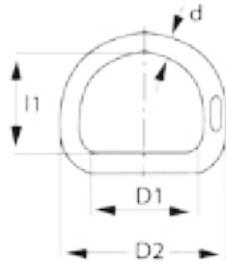
255-B



255-MS



5787



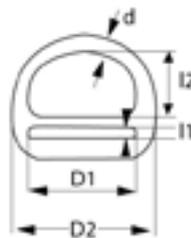
Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D 1 - mm	D2 - mm	l1 - mm	BS - daN	Unit	Weight - g
255-ST-16x2,6	914368	NO	vn	2,6	16	22	12	x	50	2,4
255-ST-20x3,0	914370	NO	vn	3	20	27	15	x	250	3,8
255-ST-25x4,5	914362	NO	vz	4,5	25	34	21	x	250	12
255-ST-25x4,5	914363	NO	vn	4,5	25	34	21	x	250	12
255-ST-35-5,0	914373	NO	vz	5	35	45	25	150	250	14
255-ST-50-6.5	914377	NO	vz	6.5	50	70	42	200	50	49
255-B-32x4	950056	NO	black galv.	4	34	42	23	x	500	10
255-B-25-4,5	914364	NO	black galv.	4.5	25	34	21	x	500	10
255-MS-28x5	914374	MS	black galv.	5	28	40	24	x	50	17
5787	905969	NO	black galv.	9,7	67	87	50	5000	10	178



2990



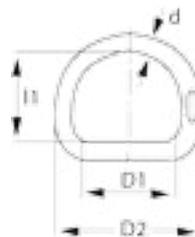
5764 / 5765



Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D2 - mm	l1 - mm	l2 - mm	SL - daN	Unit	Weight - g
2990	931814	LM	bl	11	86	110	10	30	1600	200	101
5764	950036	HS	vz	8	45	62	10	25,5	3000	100	82

# D-Ring

D-Ringe - Dé Rectangle - D-Ring

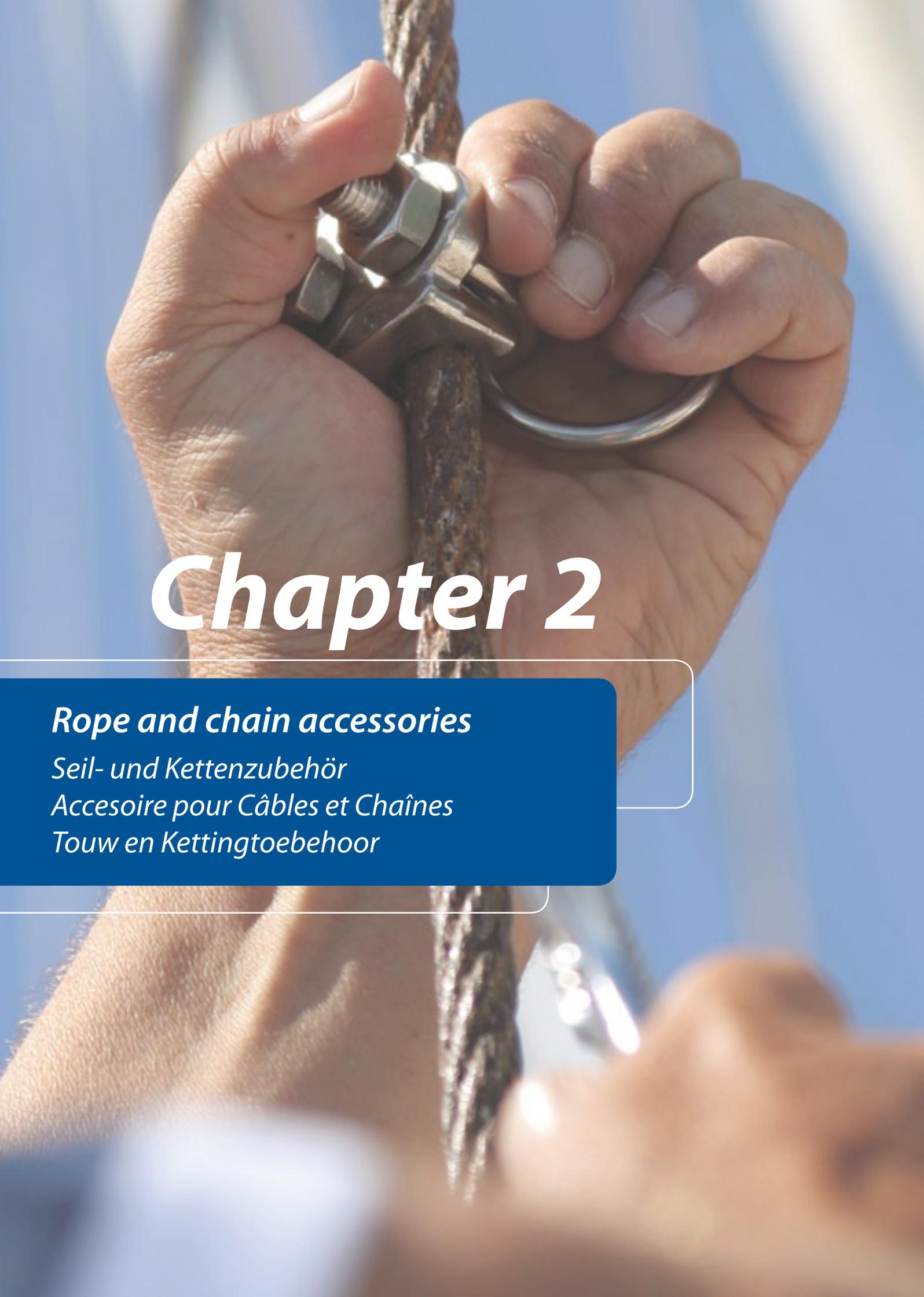


Name & Material			
Name	IdentNo.	Material	Surface
255-LM-45-12	931810	LM	vz
255-I-AISI 316	926620	A4	bl
256-45-7	914365	NO	vz
257-I AISI 304	931360	A2	bl
5770-I-62	935052	A2	bl
5770-I-82	935054	A2	bl
7472-G	931821	LM	bl

Measurements			
d - mm	D1 - mm	D2 - mm	l1 - mm
12	45	79	50
7	47	62	40
7	45	60	45
4	45	60	50
6/10	40	62	44
6/10	60	80	54
10	76	100	20

Additional Info		
SL - daN	Unit	Weight - g
1500	100	82
1100	25	52
1500	100	60
1500	50	38
1500	100	75
1500	100	92
1200	100	62





# *Chapter 2*

*Rope and chain accessories*

*Seil- und Kettenzubehör*

*Accessoire pour Câbles et Chaînes*

*Touw en Kettingtoebehoor*



502



503



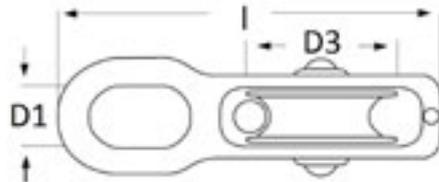
504



505



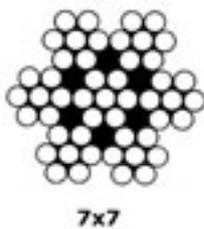
502-30+90-6



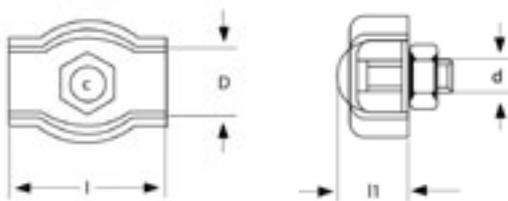
Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	rope d - mm	D 1 - mm	D3 - mm	l - mm	BS - daN	Unit	Weight - g
502-15	929937	ZD	vz	5	10	15	49	300	100	19
502-20	929938	ZD	vz	6	11	20	59	400	50	36
502-25	929939	ZD	vz	7	12	25	70	600	25	54
502-30	929940	ZD	vz	8	13	30	76	800	20	82
502-40	929941	ZD	vz	10	17	40	89	1000	20	115
502-50	929942	ZD	vz	12	17	50	110	1200	10	160
503-30	931110	ZD	vz	8	12	30	196	900	25	95
504-15	931122	ZD	vz	5	10	15	50	300	50	39
504-20	931123	ZD	vz	6	11	20	58	400	50	54
504-25	931124	ZD	vz	7	12	25	70	600	25	75
504-30	931125	ZD	vz	8	13	30	80	800	20	122
504-40	931126	ZD	vz	10	17	40	89	1000	10	180
504-50	931127	ZD	vz	12	17	50	110	1200	5	280
505-15	931128	ZD	vz	5	10	15	50	100	100	28
505-20	931129	ZD	vz	6	15	20	61	150	50	39
505-25	931130	ZD	vz	7	20	25	80	200	25	67
505-30	931131	ZD	vz	8	20	30	87	200	20	135
505-40	931132	ZD	vz	10	20	40	96	250	20	135
505-50	931133	ZD	vz	12	20	50	114	250	10	156
502-30+90-6	931805	ZD	vz	8	13	30	115	200	25	103



Name & Material				Measurements	Additional Info		
Name	IdentNo.	Material	Surface		rope d - mm	BS - daN	Unit
6*7+7 2MM	980041	NO	vz	2	235	100 m	12
6*7+7 3MM	980042	NO	vz	3	528	100 m	30
6*7+7 4MM	980043	NO	vz	4	940	100 m	58
6*7+7 5MM	980044	NO	vz	5	1460	100 m	78
6*7+7 6 MM	980045	NO	vz	6	2110	100 m	118



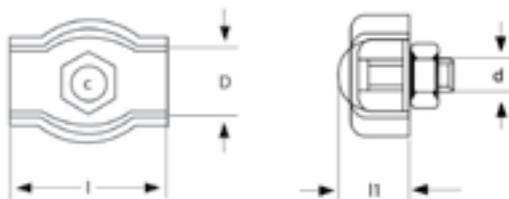
Name & Material			Measurements	Additional Info	
Name	IdentNo.	Material		Unit	Weight - g/m
7*7-I-1MM	980088	A4	1	250 m	4,5



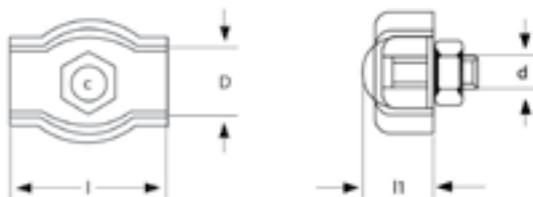
Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	rope d - mm	d - mm	D - mm	l1 - mm	l - mm	Unit	Weight - g
511-02	917834	NO	vz	2	M 4	6	7	18	200	3
511-03	917835	NO	vz	3	M 4	7	8	18	200	4
511-04	917836	NO	vz	4	M 5	9	9	22	200	11
511-05	917837	NO	vz	5	M 5	11	10	24	100	12
511-06	917838	NO	vz	6	M 6	13	11	30	50	19
511-08	933821	NO	vz	8	M 8	19	15	36	50	50

# Wire rope clips

Drahtseilklemme - Serre cable - Staaldraadklemmen

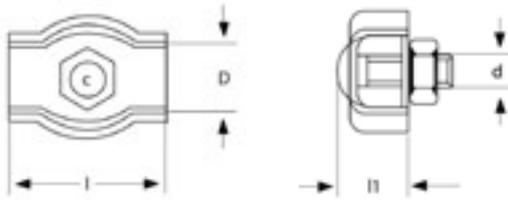


Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	rope d - mm	d - mm	D - mm	l1 - mm	l - mm	Unit	Weight - g
511-I-02	924822	A2	po	2	M 4	5	7	18	200	7
511-I-03	924823	A2	po	3	M 4	7	8	18	100	7
511-I-04	924824	A2	po	4	M 5	9	10	22	100	10
511-I-05	924825	A2	po	5	M 5	11	10	25	50	12
511-I-06	924826	A2	po	6	M 6	13	12	30	50	22
511-I-08	950016	A2	po	8	M 8	17	16	36	25	50
511-I-10	933827	A2	po	10	M 10	21	20	42	25	60

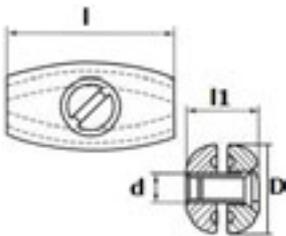


Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	rope d - mm	d - mm	D - mm	l1 - mm	l - mm	Unit	Weight - g
512-02	933823	NO	vz	2	M 4	5	7	30	100	10
512-03	905253	NO	vz	3	M 4	7	8	35	100	15
512-04	901422	NO	vz	4	M 5	9	9	40	100	22
512-05	912533	NO	vz	5	M 5	11	10	50	50	30
512-06	903161	NO	vz	6	M 6	13	10	60	25	48
512-08	933824	NO	vz	8	M 8	17	16	76	25	90





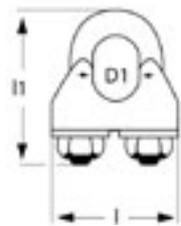
Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	rope d - mm	d - mm	D - mm	l1 - mm	l - mm	Unit	Weight - g
512-I-02	924827	A2	po	2	M 4	5	6	35	100	10
512-I-03	924828	A2	po	3	M 4	7	9	40	50	15
512-I-04	924829	A2	po	4	M 5	9	7	42	50	15
512-I-05	924830	A2	po	5	M 5	11	11	48	50	22
512-I-06	924831	A2	po	6	M 6	13	10	60	25	42
512-I-08	924832	A2	po	8	M 8	17	17	73	20	90
512-I-10	924833	A2	po	10	M 10	21	20	84	10	115



Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	rope d - mm	d - mm	D - mm	l1 - mm	l - mm	Unit	Weight - g
514-02	927933	NO	vz	2	M 5	14	10	28	100	14
514-03	927934	NO	vz	3	M 5	14	11	28	100	16
514-04	927935	NO	vz	4	M 6	19	15	32	100	33
514-05	933819	NO	vz	5	M 6	16	16	33	100	40
514-06	933820	NO	vz	6	M 6	24	15	35	50	42



1142

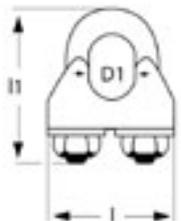


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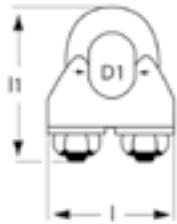
Name & Material				Measurements						Additional Info	
Name	IdentNo.	Material	Surface	rope d - mm	rope - inch	d - mm	D1 - mm	l1 - mm	l - mm	Unit	Weight - g
1142-05	927924	TG	vz	5	3/16	M 5	6	25	25	200	21
1142-06	927925	TG	vz	6	1/4	M 6	7	32	30	100	35
1142-08	928653	TG	vz	8	5/16	M 8	9	40	39	50	70
1142-10	927927	TG	vz	10	3/8	M 8	11	46	40	25	81
1142-12	927928	TG	vz	12	1/2	M 10	13	54	50	10	160
1142-13	927922	TG	vz	13	1/2	M 12	14	64	54	10	240
1142-16	927929	TG	vz	16	5/8	M 14	17	78	65	10	410
1142-19	927930	TG	vz	19	3/4	M 14	20	83	69	10	476
1142-22	927931	TG	vz	22	7/8	M 16	23	93	75	5	680
1142-26	930382	TG	vz	26	1	M 20	27	116	84	5	1104



510



Name & Material				Measurements						Additional Info	
Name	IdentNo.	Material	Surface	rope d - mm	rope - inch	d - mm	D1 - mm	l1 - mm	l - mm	Unit	Weight - g
510-03	901503	TG	vz	3	1/8	M 4	4	19	18	300	9
510-05	903824	TG	vz	5	3/16	M 5	6	23	22	250	11
510-06	913631	TG	vz	6	1/4	M 5	7	28	23	200	17
510-08	914196	TG	vz	8	5/16	M 6	9	34	29	100	30
510-10	907363	TG	vz	10	3/8	M 8	11	42	34	50	58
510-11	904147	TG	vz	11	7/16	M 8	12	44	34	50	58
510-13	908483	TG	vz	13	1/2	M 10	14	52	40	25	108
510-14	913320	TG	vz	14	9/16	M 10	15	54	42	25	127
510-16	914307	TG	vz	16	5/8	M 12	17	62	48	20	185
510-19	904346	TG	vz	19	3/4	M 12	20	71	54	10	243
510-22	910126	TG	vz	22	7/8	M 14	23	82	62	10	316
510-25	914862	TG	vz	25	1	M 14	26	90	63	10	415
510-30	917027	TG	vz	28	1 1/8	M 16	31	107	73	5	620
510-34	906281	TG	vz	34	1 1/4	M 16	35	117	78	5	720
510-40	917028	TG	vz	40	1 1/2	M 16	41	142	89	1	970



Name & Material				Measurements						Additional Info	
Name	IdentNo.	Material	Surface	rope d - mm	rope - inch	d - mm	D1 - mm	l1 - mm	l - mm	Unit	Weight - g
515-I-02	933826	A4	po	2	1/16	M 3	3	18	15	100	8
515-I-03	924714	A4	po	3	1/8	M4	4	20	18	100	12
515-I-04	919880	A4	po	4	5/32	M5	5	25	20	100	14
515-I-05	919881	A4	po	5	3/16	M 5	6	24	23	50	16
515-I-06	919882	A4	po	6	1/4	M 5	7	29	26	50	22
515-I-08	919883	A4	po	8	5/16	M 6	8	35	29	25	36
515-I-10	919884	A4	po	10	3/8	M 8	11	42	33	20	62
515-I-12	919885	A4	po	12	1/2	M 8	13	42	40	10	73
515-I-14	919886	A4	po	14	9/16	M 10	15	50	42	10	144



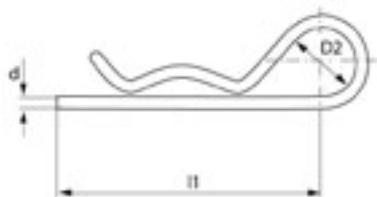
Name & Material			Measurements				Additional Info	
Name	IdentNo.	Material	Color	rope d - mm	no	l - mm	Unit	Weight - g
1389 100mm	925624	NO	green	6,6	x	100	50	83
1389 120mm	925625	NO	green	6,6	x	120	50	160
1389-B	925626	NO	black	6,6	x	120	50	165

# R-clip

Federvorstecker / double wound clip R-clip - Goubille beta - Borgveer



61000



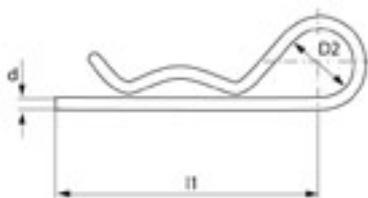
Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D2 - mm	d - mm	D1 - mm	l1 - mm	Unit	Weight - g
61000-02	932696	NO	vz	10	2	x	42	200	3
61000-03	932697	NO	vz	16	3	x	55	200	9
61000-04	932698	NO	vz	20	4	x	73	100	17
61000-05	932699	NO	vz	24	5	x	82	100	33
61000-06	932700	NO	vz	30	6	x	100	50	60
61000-07	932701	NO	vz	25	7	x	93	50	84
61000-08	932702	NO	vz	38	8	x	126	50	115



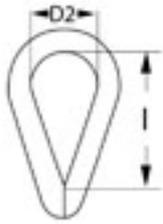
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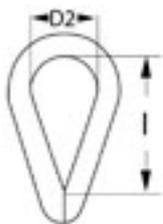
61500-08



Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D2 - mm	d - mm	D1 - mm	l1 - mm	Unit	Weight - g
61500-02	932703	NO	vz	10	2	x	55	100	4
61500-03	932704	NO	vz	16	3	x	65	100	12
61500-04	932705	NO	vz	23	4	x	78	100	30
61500-05	932706	NO	vz	26	5	x	92	50	90
61500-06	932707	NO	vz	30	6	x	120	50	90
61500-08	933811	NO	ge	29	8	x	134	25	180



Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	DIN	rope - mm	D1 - mm	D2 - mm	l - mm	Unit	Weight - g
840-03	902745	NO	vz	DIN 6899 B	2,5	3	12	19	500	6
840-04	900349	NO	vz	DIN 6899 B	3,5	4	13	22	250	7
840-05	901726	NO	vz	DIN 6899 B	4	5	14	24,5	200	10
840-06	911489	NO	vz	DIN 6899 B	5	6	15	25	100	15
840-08	907480	NO	vz	DIN 6899 B	7	8	19	33	100	25
840-10	911136	NO	vz	DIN 6899 B	9	10	24	40	50	40
840-12	903530	NO	vz	DIN 6899 B	11	12	28	49	25	70
840-14	910038	NO	vz	DIN 6899 B	13	14	31	52	25	88
840-16	901302	NO	vz	DIN 6899 B	15	16	34	59	20	135
840-18	908894	NO	vz	DIN 6899 B	16	18	40	65	10	228
840-20	903838	NO	vz	DIN 6899 B	18	21	44	75	10	248
840-22	900955	NO	vz	DIN 6899 B	20	22	48	84	10	360
840-24	901641	NO	vz	DIN 6899 B	22	24	51	99	5	572
840-26	915201	NO	vz	DIN 6899 B	24	26	61	99	5	570
840-28	914669	NO	vz	DIN 6899 B	26	28	65	100	5	1100



Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	DIN	rope - mm	D1 - mm	l - mm	Unit	Weight - g	
844-I-02	924715	A4	po	DIN 6899 B	2	2	10	200	2	
844-I-03	924716	A4	po	DIN 6899 B	2,5	3	18	100	2	
844-I-04	924717	A4	po	DIN 6899 B	3,5	4	19,5	100	4	
844-I-05	924718	A4	po	DIN 6899 B	4	6	25	100	5	
844-I-06	924719	A4	po	DIN 6899 B	5	7	29	50	6	
844-I-08	924720	A4	po	DIN 6899 B	7	8	34	50	10	
844-I-10	924721	A4	po	DIN 6899 B	9	11	42	50	32	
844-I-12	924722	A4	po	DIN 6899 B	11	13,5	50	25	39	
844-I-14	924723	A4	po	DIN 6899 B	13	16	52	20	74	
844-I-16	924724	A4	po	DIN 6899 B	16	16	64	10	86	
844-I-20	924725	A4	po	DIN 6899 B	20	20	82	10	116	

# Chain

Ketten - Chaîne - Ketting



chain



chain



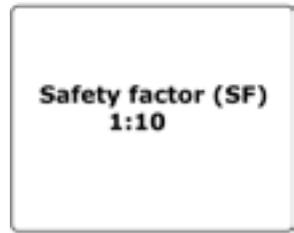
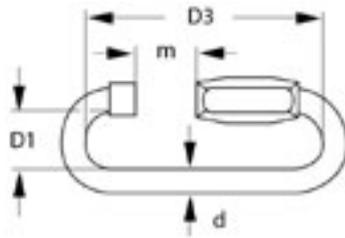
Name & Material					Measurements			Additional Info			
Name	IdentNo.	Material	Surface	Color	a - mm	D - mm	l - mm	no.	SWL-daN	Unit	Weight-g/m
763-2	950322	NO	vz	silver	4	2	22	DIN 763	40	25m	99 g/m
763-3	950323	NO	vz	silver	6	3	26	DIN 763	55	25m	144 g/m
3,5x18x7	950321.01	NO	vz	silver	7	3.5	18	like DIN5685A	x	109m	230g/m
763-4	950324	NO	vz	silver	8	4	32	DIN 763	100	25m	265 g/m
763-5	950325	NO	vz	silver	10	5	35	DIN 763	160	25m	444 g/m
763-6	950326	NO	vz	silver	13	6	42	DIN 763	200	25m	660 g/m
763-7	950327	NO	vz	silver	13	7	49	DIN 763	300	25m	960 g/m
763-8	950328	NO	vz	silver	15	8	52	DIN 763	400	25m	1100 g/m



508-B

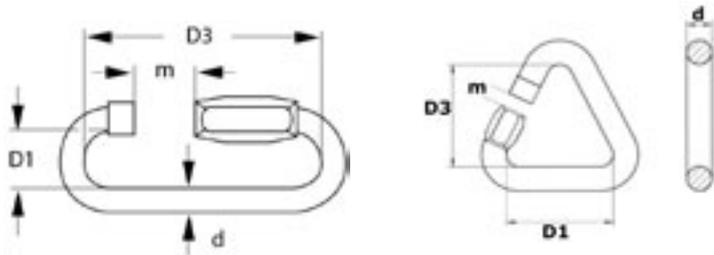


508-B-B



Name & Material					Measurements				Additional Info			
Name	IdentNo.	Material	Surface	din	D1 - mm	D3 - mm	d - mm	m - mm	BS - daN	SWL - daN	Unit	Weight - g
508-04-B	909420	NO	black	56927-A	11	32	4	5	900	90	100	13
508-06-B	909422	NO	black	56927-A	14	45	6	8	2000	200	100	36
508-08-B	909424	NO	black	56927-A	18	58	8	11	3500	350	100	80
508-10-B	909425	NO	black	56927-A	20	68	10	12	5500	550	100	140
508-B-04-B	909430	NO	black	56927-B	11	45	4	12	900	90	100	15,5
508-B-06-B	909432	NO	black	56927-B	15	58	6	14,5	2000	200	100	40
508-B-08-B	909433	NO	black	56927-B	18	72	8	18	3500	350	100	88
508-B-10-B	909434	NO	black	56927-B	20	85	10	21	5500	550	100	158

PROFESSIONAL

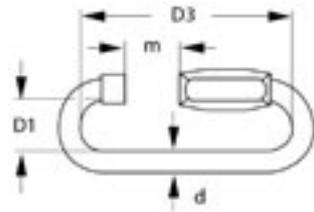


Name & Material				Measurements				Additional Info			
Name	IdentNo.	Material	Surface	D1 - mm	D3 - mm	d - mm	m - mm	BS - daN	SWL - daN	Unit	Weight - g
508-04	913209	NO	vz	11	32	4	5	900	180	200	12
508-05	909330	NO	vz	13	39	5	7	1400	280	100	20
508-06	901946	NO	vz	14	45	6	8	2000	400	50	36
508-07	905674	NO	vz	16	50	7	9	2750	550	50	52
508-08	903732	NO	vz	17	57	8	11	3500	700	100	79
508-10	911380	NO	vz	20	68	10	12	5500	1100	50	130
508-12	909324	NO	vz	23	81	12	16	7500	1500	25	231
508-14	933773	NO	vz	27	93	14	18	11000	2200	10	358
508-16	933783	NO	vz	30	108	16	20	14500	2900	10	558
508-A-04	905097	NO	vz	11	45	4	12	800	160	100	15
508-A-05	907289	NO	vz	13	52	5	14	1250	250	100	24
508-A-06	911127	NO	vz	15	58	6	14,5	1750	350	50	40
508-A-08	903225	NO	vz	18	72	8	18	3250	650	25	90
508-A-10	903226	NO	vz	20	85	10	21	5000	1000	25	153
508-A-12	933570	NO	vz	24	100	12	24	6250	1250	25	265
509-04	904247	NO	vz	26	32	4	6	500	100	100	13
509-06	902804	NO	vz	32	42	6	9	1250	250	100	39
509-07	904248	NO	vz	35	48	7	9	2000	400	100	56
509-08	903754	NO	vz	36	56	8	10	2750	550	50	84
509-10	915374	NO	vz	43	65	10	13	4500	900	50	152
509-12	901922	NO	vz	50	80	12	15	5500	1100	25	254
509-14	901923	NO	vz	54	87	14	17	9000	1800	25	397
509-16	901925	NO	vz	55	100	16	19	11000	2200	25	590

### STANDARD



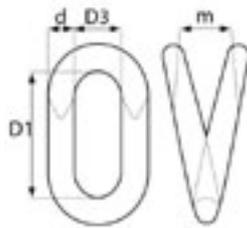
508



Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	D1 - mm	D3 - mm	d - mm	m - mm	SWL - daN	Unit	Weight - g
508-03,5	907965	NO	vz	10	28	3,5	5	80	200	7
508-04	913010	NO	vz	11	35	4	5	90	200	12
508-05	907084	NO	vz	13	40	5	6	120	100	21
508-06	911666	NO	vz	14	46	6	9	180	100	28
508-07	904890	NO	vz	16	53	7	10	320	50	51
508-08	909588	NO	vz	18	58	8	10	420	50	70
508-10	900446	NO	vz	20	69	10	12	600	25	127
508-12	908615	NO	vz	24	83	12	15	750	10	212
508-14	933784	NO	vz	27	95	14	16	1100	10	358

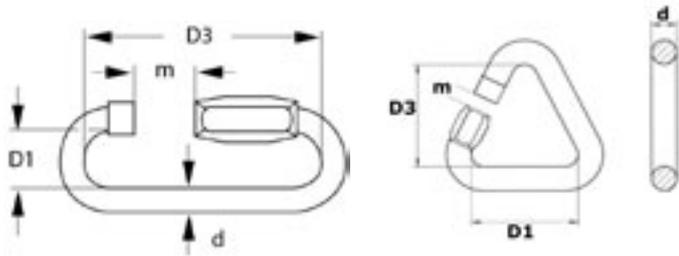


89



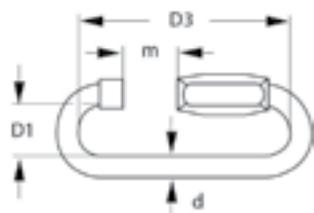
Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D1 - mm	D3 - mm	d - mm	m - mm	Unit	Weight - g
89-03	916404	NO	vz	17	7	3	7	500	4
89-04	916406	NO	vz	19	8	4	8	500	8
89-05	950032	NO	vz	23	12	5	13	200	18
89-06	916410	NO	vz	23	11	6	14	50	30
89-07	950033	NO	vz	32	15	7	13	50	44
89-08	916413	NO	vz	35	18	8	17	50	57
89-10	916415	NO	vz	36	18	10	22	25	106

PROFESSIONAL

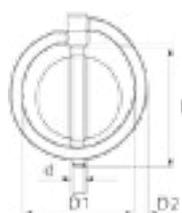


Name & Material				Measurements				Additional Info			
Name	IdentNo.	Material	Surface	D1 - mm	D3 - mm	d - mm	m - mm	BS - daN	SWL - daN	Unit	Weight - g
508-I-04	901610	A4	po	11	32	4	6	1400	280	50	12
508-I-05	903413	A4	po	13	39	5	8	2250	450	50	22
508-I-06	912234	A4	po	15	45	6	8	3250	650	50	36
508-I-07	913854	A4	po	16	50	7	9	4500	900	25	52
508-I-08	901565	A4	po	18	58	8	13	5500	1100	25	79
508-I-10	902597	A4	po	21	69	10	13	9000	1800	10	143
508-I-12	910299	A4	po	24	80	12	15	12500	2500	5	232
508-I-A-04	904984	A4	po	12	44	4	12	1250	250	50	16
508-I-A-05	906595	A4	po	13	52	5	13	2000	400	50	25
508-I-A-06	914938	A4	po	15	57	6	15	2900	580	25	40
508-I-A-07	908818	A4	po	17	64	7	17	4000	800	25	62
508-I-A-08	903720	A4	po	18	72	8	19	4900	980	20	93
508-I-A-10	912899	A4	po	21	84	10	20	8000	1600	20	162
509-I-03	903751	A4	po	21	24	3	4	550	110	100	6
509-I-03,5	903752	A4	po	24	29	3,5	5	750	150	100	10
509-I-04	935050	A4	po	27	32	4	6	1000	200	100	13
509-I-08	903753	A4	po	40	57	8	10	3850	770	100	88
509-I-10	903755	A4	po	46	67	10	12	6250	1250	50	115

## STANDARD



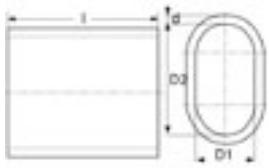
Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	D1 - mm	D3 - mm	d - mm	m - mm	SWL - daN	Unit	Weight - g
508-I-04	926593	A2	po	11	33	4	5	90	50	12
508-I-05	926594	A2	po	12	39	5	6	120	50	20
508-I-06	926595	A2	po	15	45	6	7	180	25	31
508-I-08	926596	A2	po	18	58	8	8	320	20	82
508-I-10	928723	A2	po	20	71	10	12	420	10	136



Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	D1 - mm	D2 - mm	d - mm	l - mm	Unit	Weight - g
60000-04,5	932689	NO	vz	40	3	4,5	42	100	14
60000-06	932690	NO	vz	40	3	6	42	100	20
60000-08	932692	NO	vz	40	3	8	45	100	28
60000-09	932693	NO	vz	40	3	9	42	100	33
60000-10	932694	NO	vz	43	3	10	45	50	43
60000-11	932695	NO	vz	43	3	11	42	50	47
62000-10,5	932710	NO	vz	45	4	10	40	50	60



3093



Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	DIN	No	D1 - mm	D2 - mm	d - mm	l - mm	Unit	Weight - g
3093-01,0	933991	LM	DIN EN 13411-3	1	1,5	2	1	5	1000	0,1
3093-01,5	933992	LM	DIN EN 13411-3	1,5	2	3,5	1	6	1000	0,2
3093-02,0	933993	LM	DIN EN 13411-3	2	2,5	5	1	7	1000	0,3
3093-02,5	933994	LM	DIN EN 13411-3	2,5	3	5,5	1	9	1000	0,5
3093-03,0	933995	LM	DIN EN 13411-3	3	3,5	7	1	11	1000	0,8
3093-03,5	933996	LM	DIN EN 13411-3	3,5	4	7,5	1,5	13	500	1,3
3093-04,0	933997	LM	DIN EN 13411-3	4	4,5	9	1,5	14	500	1,8
3093-04,5	933998	LM	DIN EN 13411-3	4,5	4,5	10	2	16	500	2,6
3093-05,0	933999	LM	DIN EN 13411-3	5	5,5	11	2	18	500	3,6
3093-06,0	934000	LM	DIN EN 13411-3	6	6,5	13	2,5	21	500	5,9
3093-07,0	934002	LM	DIN EN 13411-3	7	8	15,5	3	25	100	9,5
3093-08,0	934003	LM	DIN EN 13411-3	8	9	17,5	3	28	100	13,7
3093-09,0	934004	LM	DIN EN 13411-3	9	10	20	3,5	32	100	19,8
3093-10,0	934005	LM	DIN EN 13411-3	10	11	22	4	35	100	26,4
3093-12,0	934007	LM	DIN EN 13411-3	12	13	26	5	42	50	48,8
3093-13,0	934008	LM	DIN EN 13411-3	13	14	28	5,5	46	50	60
3093-14,0	934009	LM	DIN EN 13411-3	14	15	30,5	6	49	50	75
3093-16,0	934010	LM	DIN EN 13411-3	16	17	35	7	56	50	111
3093-18,0	934011	LM	DIN EN 13411-3	18	19,5	39	7,5	63	50	159
3093-20,0	934012	LM	DIN EN 13411-3	20	21,5	43,4	8	70	50	217
3093-22,0	934013	LM	DIN EN 13411-3	22	24	47	9,5	77	25	292
3093-24,0	934014	LM	DIN EN 13411-3	24	26	53	10	84	25	376

## Cable swager / Eye screw

Pressklemmzange / Ringschrauben - Cable pincette / Vis à anneau - Kabelklemtang / Oogbout



3094-1



3094-2-6

Name & Material		Measurements		Additional Info
Name	IdentNo.	dimension - mm	l - mm	Unit
3094-1	970001	0,5-2,2	250	1
3094-2	970002	2-4	350	1
3094-3	970003	2-5	600	1



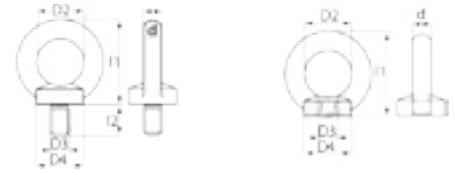
580



580-I



580-B



Name & Material					Measurements						Additional Info		
Name	IdentNo.	Material	Surface	DIN	D2 - mm	D3 - mm	D4 - mm	d - mm	l1 - mm	l2 - mm	SWL - daN	Unit	Weight - g
580-06	931745	NO	vz	DIN 580	20	M 6	20	8	37	12	80	50	26
580-08	931746	NO	vz	DIN 580	20	M 8	20	9	37	13	140	50	62
580-10	931747	NO	vz	DIN 580	25	M 10	25	10	45	17	230	25	106
580-12	931748	NO	vz	DIN 580	30	M 12	30	13	53	20	340	10	170
580-14	931749	NO	vz	DIN 580	35	M 14	35	14	58	24	490	10	230
580-16	931750	NO	vz	DIN 580	35	M 16	35	14	62	25	700	10	290
580-20	931751	NO	vz	DIN 580	40	M 20	40	16	71	30	1200	10	448
580-22	933792	NO	vz	DIN 580	37	M 22	40	16	73	30	1500	5	448
580-24	933793	NO	vz	DIN 580	50	M 24	50	20	90	36	1800	5	890
<b>AISI 304 A2</b>													
580-I-06	933058	A2	po	DIN 580	15	M6	16	6	28	13	90	50	24
580-I-08	933059	A2	po	DIN 580	20	M8	19	7	35	13	140	50	33
580-I-10	933060	A2	po	DIN 580	28	M10	25	11	45	15	230	25	100
580-I-12	933061	A2	po	DIN 580	28	M12	30	12	51	19	340	20	162
580-I-16	933062	A2	po	DIN 580	35	M16	35	14	62	25	700	10	280
580-I-20	933063	A2	po	DIN 580	40	M20	40	16	70	28	1200	10	369
580-I-24	933064	A2	po	DIN 580	48	M24	50	20	92	36	1800	4	900
<b>AISI316 A4</b>													
580-I-06	932129	A4	po	DIN 580	15	M6	16	6	28	11	90	20	24
580-I-08	932130	A4	po	DIN 580	19	M8	20	8	35	13	140	50	33
580-I-10	932131	A4	po	DIN 580	25	M10	25	10	45	15	230	25	100
580-I-12	932132	A4	po	DIN 580	28	M12	30	12	51	22	340	20	162
580-I-16	932133	A4	po	DIN 580	35	M16	33	14	61	25	700	10	280
580-I-20	932134	A4	po	DIN 580	40	M20	40	17	76	38	1200	10	495
580-I-24	932135	A4	po	DIN 580	50	M24	50	20	96	47	1800	4	900
<b>Black</b>													
580-B-06	909471	NO	black	DIN 580	20	M6	20	8	37	12	80	50	26
580-B-08	909472	NO	black	DIN 580	20	M8	20	9	37	13	140	50	62
580-B-10	909473	NO	black	DIN 580	25	M10	25	10	45	17	230	25	106
580-B-12	909474	NO	black	DIN 580	30	M12	30	13	53	20	340	10	170

# Eye nut / S-Hooks

Ringmuttern / S-Haken- Ecron à anneau / S-Crochet - Oogmoer / S-Haken



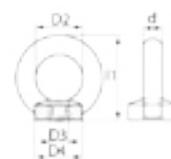
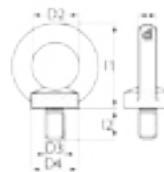
582



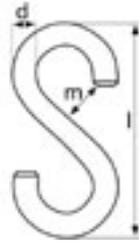
582-1



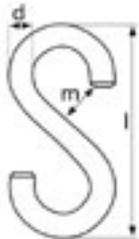
582-B



Name & Material					Measurements					Additional Info		
Name	IdentNo.	Material	Surface	DIN	D2 - mm	D3 - mm	D4 - mm	d - mm	l1 - mm	SWL - daN	Unit	Weight - g
582-06	931752	NO	vz	DIN 582	20	M6	20	9	37	75	50	30
582-08	931753	NO	vz	DIN 582	20	M8	20	9	37	140	50	48
582-10	931754	NO	vz	DIN 582	25	M10	25	10	45	230	25	93
582-12	931755	NO	vz	DIN 582	30	M12	30	13	53	340	10	150
582-14	931756	NO	vz	DIN 582	30	M14	35	14	54	500	10	190
582-16	931757	NO	vz	DIN 582	34	M16	35	13	64	700	10	225
582-20	931758	NO	vz	DIN 582	40	M20	40	16	71	1200	10	330
582-22	933794	NO	vz	DIN 582	50	M22	50	18	88	1450	5	740
582-24	933795	NO	vz	DIN 582	50	M24	50	20	90	1800	5	710
<b>AISI304 A2</b>												
582-I-06	933065	A2	po	DIN 582	15	M6	16	6	28	90	50	20
582-I-08	933066	A2	po	DIN 582	19	M8	20	9	35	140	50	30
582-I-10	933067	A2	po	DIN 582	25	M10	25	9	45	230	25	72
582-I-12	933068	A2	po	DIN 582	28	M12	30	12	53	340	20	134
<b>AISI316 A4</b>												
582-I-06	932136	A4	po	DIN 582	15	M6	16	6	28	90	50	20
582-I-08	932137	A4	po	DIN 582	19	M8	20	8	35	140	50	30
582-I-10	932138	A4	po	DIN 582	25	M10	25	11	45	230	25	72
582-I-12	932139	A4	po	DIN 582	28	M12	30	12	53	340	20	134
582-I-16	932140	A4	po	DIN 582	35	M16	35	14	62	700	10	220
582-I-20	932141	A4	po	DIN 582	40	M20	40	16	75	1200	10	360
582-I-24	932142	A4	po	DIN 582	48	M24	50	20	92	1800	4	710
<b>Black</b>												
582-B-06	909461	NO	black	DIN 582	20	M6	20	9	37	80	50	30
582-B-08	909462	NO	black	DIN 582	20	M8	20	9	37	140	50	48
582-B-10	909463	NO	black	DIN 582	25	M10	25	10	45	230	25	93
582-B-12	909464	NO	black	DIN 582	30	M12	30	12	53	340	10	150



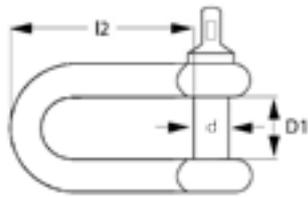
Name & Material				Measurements			Additional Info	
Name	IdentNo.	Material	Surface	d - mm	m - mm	l - mm	Unit	Weight - g
90-03	916421	NO	vz	3	5	26	500	3
90-04	916422	NO	vz	4	5	35	500	7
90-05	916425	NO	vz	5	7	45	200	14
90-06	916416	NO	vz	6	7	54	100	25
90-07	950035	NO	vz	7	8	70	50	42
90-08	916418	NO	vz	8	12	80	50	69
90-10	916420	NO	vz	10	16	95	25	124
AISI 304								
90-I-03	950037	A2	po	3	5	25	500	3
90-I-04	950038	A2	po	4	8	35	500	7
90-I-05	950039	A2	po	5	7	45	200	14
90-I-06	950040	A2	po	6	8	55	100	25



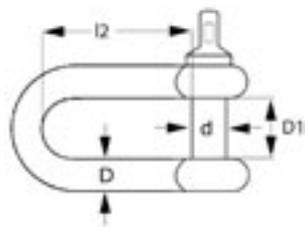
Name & Material				Measurements			Additional Info	
Name	IdentNo.	Material	Surface	d - mm	m - mm	l - mm	Unit	Weight - g
90-04 Z	960004	NO	vz	4	10	35	500	6
90-05 Z	960006	NO	vz	5	12	45	200	9
90-10 Z	960007	NO	vz	10	25	100	25	108

# Shackle straight shape

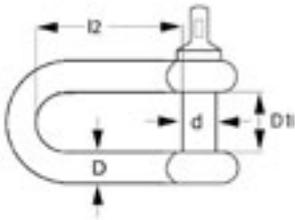
Schäkel gerade Form - Manille form droite - Sluiting rechte vorm



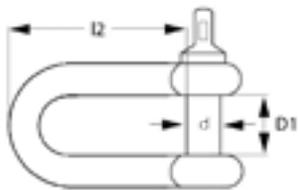
Name & Material				Measurements			Additional Info		
Name	IdentNo.	Material	Surface	D1 - mm	d - mm	l2 - mm	SWL - daN	Unit	Weight - g
500-05	907134	NO	vz	10	5	18	80	250	15
500-06	911336	NO	vz	13	6	24	100	100	25
500-08	910878	NO	vz	15	7	29	200	50	50
500-10	903303	NO	vz	18	10	38	320	25	92
500-11	903628	NO	vz	21	11	48	520	20	162
500-12	908602	NO	vz	25	12	52	520	10	161
500-14	904688	NO	vz	24	14	53	600	10	249
500-16	912667	NO	vz	30	16	60	800	10	387
500-19	900855	NO	vz	35	19	72	1100	5	734
500-22	901614	NO	vz	41	22	85	1500	5	1030
500-25	911225	NO	vz	48	25	90	2100	5	1568



Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D - mm	D1 - mm	l2 - mm	SWL - daN	Unit	Weight - g
82101-A-0,10	906783	NO	vz	5	5	7,5	14	100	200	13
82101-A-0,16	905516	NO	vz	6	6	8	18	160	200	23
82101-A-0,25	912630	NO	vz	8	8	10	23	250	50	52
82101-A-0,40	913075	NO	vz	10	10	13	29	400	25	108
82101-A-0,63	903547	NO	vz	12	12	16	38	630	25	176
82101-A-1,00	914077	NO	vz	15	13	23	48	1000	10	288
82101-A-1,60	911101	NO	vz	20	18	26	60	1600	5	714
82101-A-2,00	904813	NO	vz	22	20	29	67	2000	5	980
82101-A-2,50	915073	NO	vz	24	23	32	73	2500	5	1318
82101-A-3,15	911565	NO	vz	27	23	38	94	3150	5	1630
82101-A-4,00	910661	NO	vz	29	28	41	88	4000	5	2306
82101-A-5,00	908160	NO	vz	35	33	45	108	5000	5	3920
82101-A-6,30	907779	NO	vz	38	35	53	117	6300	1	5216
82101-A-8,00	933868	NO	vz	40	37	64	131	8000	1	6750
82101-A-10,00	933869	NO	vz	45	40	65	145	10000	1	7400



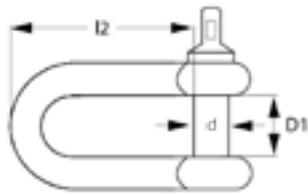
Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D - mm	D1 - mm	l2 - mm	SWL - daN	Unit	Weight - g
82101-C-0,40	933873	NO	vz	10	10	13	31	400	25	110
82101-C-0,63	933874	NO	vz	12	12	17	37	630	25	215
82101-C-1,60	933876	NO	vz	19	16	26	58	1600	5	698
82101-C-2,00	933877	NO	vz	21	20	30	68	2000	1	1100
82101-C-2,50	933878	NO	vz	25	22	33	74	2500	1	1540
82101-C-4,00	933880	NO	vz	30	27	42	91	4000	1	2400
82101-C-5,00	933881	NO	vz	35	32	45	116	5000	1	4530
82101-C-6,30	933882	NO	vz	39	34	53	119	6300	1	5216
82101-C-8,00	933883	NO	vz	41	38	60	139	8000	1	6750



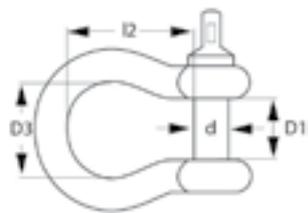
Name & Material				Measurements			Additional Info		
Name	IdentNo.	Material	Surface	D1 - mm	d - mm	l2 - mm	SWL - daN	Unit	Weight - g
500-I-05	902011	A4	po	10	5	20	270	50	2
500-I-06	911063	A4	po	12	6	22	385	25	25
500-I-08	901719	A4	po	16	8	28	510	25	64
508-I-08_A2	901718	A2	po	16	8	28	510	25	64
500-I-10	900915	A4	po	20	10	38	800	20	112
500-I-12	913031	A4	po	24	12	46	1000	10	220
500-I-16	933828	A4	po	32	16	52	1350	5	440

# Shackle straight shape

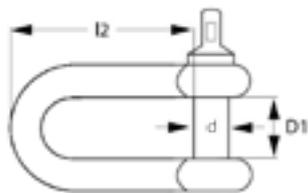
Schäkel gerade Form - Manille form droite - Sluiting rechte vorm



Name & Material				Measurements			Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	l2 - mm	SWL - daN	Unit	Weight - g
601-I-04	900258	A2	po	4	10	15	500	50	5
603-I-05	903623	A2	po	5	12	17	1000	50	10

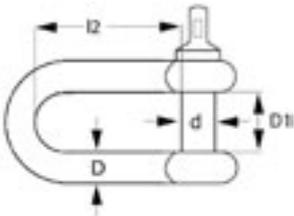


Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D3 - mm	l2 - mm	SWL - daN	Unit	Weight - g
607-I-06	910183	A2	po	6	14	15	23	2000	50	20
611-I-08	913021	A2	po	8	18	19	32	3000	25	39
612-I-10	909612	A2	po	10	22	25	40	4800	25	83
613-I-12	914523	A2	po	12	25	28	50	7000	10	160



Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D3 - mm	l2 - mm	SWL - daN	Unit	Weight - g
500-B-06	909441	NO	black	6	13		24	100	100	25
500-B-08	909442	NO	black	8	15		30	200	50	50
500-B-10	909443	NO	black	10	18		38	320	25	92
500-B-12	909444	NO	black	12	25		52	520	10	160

Orange Pin\*



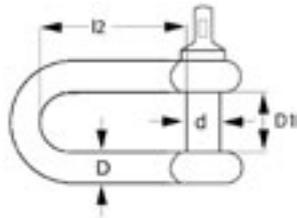
DIN EN 13889:2003  
U.S. Fed. Spec. RR-C-271  
Quality Class = 6

Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D - mm	D - inch	D1 - mm	l2 - mm	SWL - daN	Unit	Weight - g
50000-00,33	933701	HS	fe	6	5	3/16	9	18	330	25	24
50000-00,50	933702	HS	fe	8	7	1/4	12	22	500	25	42
50000-00,75	933703	HS	fe	9	8	5/16	13	25	750	25	69
50000-01,00	933704	HS	fe	11	9	3/8	16	32	1000	1	108
50000-01,50	933705	HS	fe	13	10	7/16	19	37	1500	1	160
50000-02,00	933706	HS	fe	16	13	1/2	21	42	2000	1	290
50000-03,25	933707	HS	fe	18	16	5/8	27	52	3250	1	540
50000-04,75	933708	HS	fe	22	19	3/4	31	62	4750	1	856
50000-06,50	933709	HS	fe	25	23	7/8	36	73	6500	1	1388
50000-08,50	933710	HS	fe	28	25	1	43	81	8500	1	2000
50000-09,50	933711	HS	fe	32	30	1 1/8	46	89	9500	1	2920
50000-12,00	933712	HS	fe	35	33	1 1/4	51	97	12000	1	4100
50000-13,50	933713	HS	fe	37	35	1 3/8	57	117	13500	1	5479
50000-17,00	933714	HS	fe	42	37	1 1/2	60	120	17000	1	6940
50000-35,00	933716	HS	fe	57	50	2	83	163	35000	1	17300

# Shackle straight / curved shape

Schäkel gerade/geschweifte Form- Manille form droite/ incurvée - Sluiting rechte/ gebogen vorm

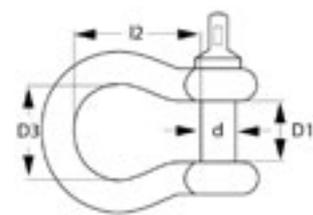
Orange Pin\*



DIN EN 13889:2003  
U.S. Fed. Spec. RR-C-271  
Quality Class = 6

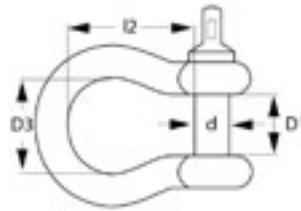
50000-S

Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D - mm	D - inch	D1 - mm	l2 - mm	SWL - daN	Unit	Weight - g
50000-S-00,50	933759	HS	fe	8	7	1/4	12	22	500	25	49
50000-S-00,75	933760	HS	fe	9	8	5/16	13	25	750	25	82
50000-S-01,00	933761	HS	fe	11	10	3/8	16	32	1000	1	149
50000-S-01,50	933762	HS	fe	12	12	7/16	19	37	1500	1	214
50000-S-02,00	933717	HS	fe	16	13,5	1/2	21	41	2000	1	316
50000-S-03,25	933718	HS	fe	19	16	5/8	26	51	3250	1	607
50000-S-04,75	933719	HS	fe	22	20	3/4	31	59	4750	1	1034
50000-S-06,50	933720	HS	fe	25	23	7/8	35	71	6500	1	1522
50000-S-08,50	933721	HS	fe	28	25,5	1	43	81	8500	1	2140
50000-S-09,50	933722	HS	fe	29	32	1 1/8	45	84	9500	1	3100
50000-S-12,00	933723	HS	fe	35	33	1 1/4	52	99	12000	1	4420
50000-S-13,50	933724	HS	fe	37	36	1 3/8	57	119	13500	1	5980
50000-S-17,00	933725	HS	fe	42	38	1 1/2	60	117	17000	1	7780
50000-S-25,00	933726	HS	fe	50	45	1 3/4	74	143	25000	1	12500
50000-S-35,00	933727	HS	fe	57	50	2	83	166	35000	1	19160

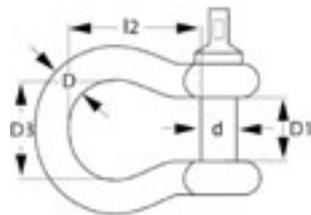


501

Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	D1 - mm	D3 - mm	d - mm	l2 - mm	SWL - daN	Unit	Weight - g
501-05	900599	NO	vz	10	15	5	20	80	250	18
501-06	908799	NO	vz	13	20	6	26	100	100	23
501-08	906060	NO	vz	17	23	8	30	200	50	58
501-10	905951	NO	vz	18	28	10	35	320	25	90
501-11	914247	NO	vz	22	30	10	45	520	20	135
501-12	911599	NO	vz	24	35	12	45	520	10	170
501-14	906407	NO	vz	25	38	14	54	600	10	257
501-16	911522	NO	vz	30	47	16	63	800	10	400
501-19	906186	NO	vz	36	54	19	70	1100	5	790
501-22	907103	NO	vz	44	71	22	95	1500	5	1539
501-25	901969	NO	vz	45	77	25	103	2100	5	2141



Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D3 - mm	l2 - mm	SWL - daN	Unit	Weight - g
501-I-05	901410	A4	po	5	10	16	19	270	50	17
501-I-06	904000	A4	po	6	13	18	21	385	25	24
501-I-08	913009	A4	po	8	17	28	28	510	25	67
501-I-10	914759	A4	po	10	20	32	34	800	20	125
501-I-12	904717	A4	po	12	25	41	47	1000	10	234
501-I-16	933829	A4	po	16	33	48	64	1350	5	500
501-B-06	909451	NO	black	6	13	20	26	x	100	23
501-B-08	909452	NO	black	8	17	23	30	x	50	58
501-B-10	909453	NO	black	10	18	28	35	x	25	90
501-B-12	909454	NO	black	12	24	35	45	x	10	170



DIN EN 13889:2003  
U.S. Fed. Spec. RR-C-271  
Quality Class = 6

Name & Material				Measurements						Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D - mm	D - inch	D1 - mm	D3 - mm	l2 - mm	SWL - daN	Unit	Weight - g
50001-00,50	933729	HS	fe	8	6,5	1/4	11	19	28	500	25	48
50001-00,75	933730	HS	fe	10	8	5/16	12	21	31	750	25	78
50001-01,00	933731	HS	fe	11	10	3/8	17	26	35	1000	1	136
50001-01,50	933732	HS	fe	12	13	7/16	18	30	42	1500	1	178
50001-02,00	933733	HS	fe	16	13,5	1/2	20	32	47	2000	1	300
50001-03,25	933734	HS	fe	19	16,5	5/8	27	39	61	3250	1	588
50001-04,75	933735	HS	fe	22	20	3/4	29	49	70	4750	1	1025
50001-06,50	933736	HS	fe	25	23	7/8	37	56	84	6500	1	1520
50001-08,50	933737	HS	fe	28	25,5	1	42	65	94	8500	1	2185
50001-09,50	933738	HS	fe	32	29	1 1/8	46	72	108	9500	1	3120
50001-13,50	933740	HS	fe	38	36,5	13/8	59	90	130	13500	1	5491
50001-17,00	933741	HS	fe	42	39,5	1 1/2	60	96	143	17000	1	7250
50001-35,00	933743	HS	fe	57	50	2	83	150	195	35000	1	19000

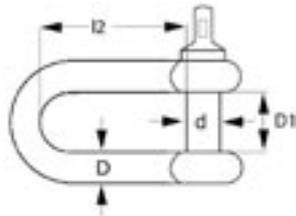
# Shackle curved shape / Trigger snap

Schäkel geschweifte Form/Fockschäkel-Manille form incurvée/Tourillon-Inox-Sluiting gebogen vorm/Trigger snap

Orange Pin\*

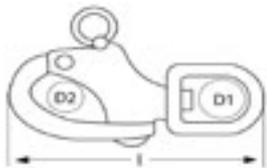
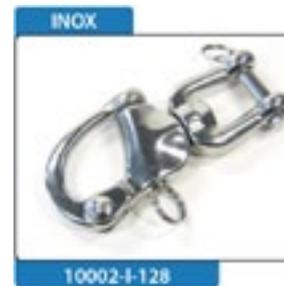


50001-S



DIN EN 13889:2003  
U.S. Fed. Spec. RR-C-271  
Quality Class = 6

Name & Material				Measurements						Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D - mm	D - inch	D1 - mm	D3 - mm	l2 - mm	SWL - daN	Unit	Weight - g
50001-S-00,50	933744	HS	fe	8	6,5	1/4	12	19	27	500	25	58
50001-S-00,75	933745	HS	fe	10	8	5/16	13	21	31	750	25	95
50001-S-01,00	933746	HS	fe	11	10	3/8	16	25	34	1000	1	152
50001-S-01,50	933747	HS	fe	12	11,2	7/16	18	29	44	1500	1	230
50001-S-02,00	933748	HS	fe	16	13,5	1/2	21	32	48	2000	1	360
50001-S-03,25	933749	HS	fe	19	16,5	5/8	27	41	60	3250	1	663
50001-S-04,75	933750	HS	fe	22	20	3/4	30	49	70	4750	1	1085
50001-S-06,50	933751	HS	fe	25	23	7/8	35	56	84	6500	1	1660
50001-S-08,50	933752	HS	fe	28	25,5	1	40	66	94	8500	1	2420
50001-S-09,50	933753	HS	fe	32	29	1 1/8	46	71	105	9500	1	3492
50001-S-12,00	933754	HS	fe	35	33	1 1/4	51	80	116	12000	1	4579
50001-S-13,50	933755	HS	fe	38	36,5	1 3/8	58	90	127	13500	1	6189
50001-S-17,00	933756	HS	fe	42	39,5	1 1/2	62	97	142	17000	1	8153
50001-S-25,00	933757	HS	fe	50	46	1 3/4	75	123	172	25000	1	12625
50001-S-35,00	933758	HS	fe	57	50	2	80	140	187	35000	1	19487



Name & Material				Measurements			Additional Info		
Name	IdentNo.	Material	Surface	D1 - mm	D2 - mm	l - mm	BS - daN	Unit	Weight - g
10000-I-070	906817	A4	po	12	15	70	x	20	56
10000-I-090	901265	A4	po	14	20	90	x	10	120
10000-I-120	908734	A4	po	22	25	125	x	5	300
10000-I-B-070	906818	A4	black	12	15	70	x	20	56
10001-I-070	908733	A4	po	10	15	70	x	25	60
10001-I-090	908737	A4	po	15	20	90	x	5	145
10001-I-128	908738	A4	po	20	30	128	x	5	345
10002-I-128	908736	A4	po	20	30	128	x	5	345



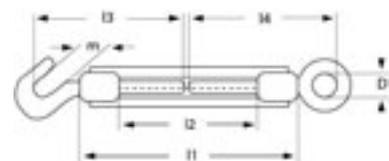
1390-A



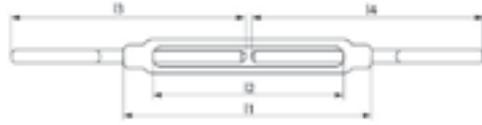
1390-B



1390-C



Name & Material				Measurements						Additional Info	
Name	IdentNo.	Material	Surface	D1 - mm	m - mm	l1 - mm	l2 - mm	l3 - mm	l4 - mm	Unit	Weight - g
1390-M05-050 A	903186	ZD	vz	10	8	50	30	44	44	100	31
1390-M05-070 A	915100	ZD	vz	10	8	70	50	52	51	100	38
1390-M06-060 A	904560	ZD	vz	11	10	60	35	54	54	100	49
1390-M06-100 A	914671	ZD	vz	11	10	100	70	70	70	50	68
1390-M08-070 A	903662	ZD	vz	10	11	70	43	57	57	50	87
1390-M08-110 A	914724	ZD	vz	10	11	110	78	77	77	25	128
1390-M10-080 A	903725	ZD	vz	13	11	80	50	66	66	20	160
1390-M10-120 A	904201	ZD	vz	12	12	120	90	87	87	10	195
1390-M12-130 A	921148	ZD	vz	24	26	129	89	114	114	1	390
1390-M05-050 B	900789	ZD	vz	9	x	50	30	41	41	100	32
1390-M05-070 B	910291	ZD	vz	9	x	70	50	50	50	100	39
1390-M06-060 B	913783	ZD	vz	11	x	60	34	48	48	100	50
1390-M06-100 B	901950	ZD	vz	10	x	100	72	69	69	50	70
1390-M08-070 B	909345	ZD	vz	11	x	69	42	64	64	50	83
1390-M10-120 B	921144	ZD	vz	13	x	120	90	85	85	1	190
1390-M12-130 B	921149	ZD	vz	24	x	129	90	114	114	1	400
1390-M05-050 C	905060	ZD	vz	x	8	50	30	42	42	100	30
1390-M05-070 C	900134	ZD	vz	x	8	70	50	48	48	100	36
1390-M06-060 C	909066	ZD	vz	x	10	60	35	52	52	100	44
1390-M10-080 C	905662	ZD	vz	x	15	80	50	69	69	20	160



Name & Material				Measurements				Additional Info	
Name	IdentNo.	Material	Surface	l1 - mm	l2 - mm	l3 - mm	l4 - mm	Unit	Weight - g
1480-M06-110 AE	928598	NO	bl	108	86	120	120	50	90
1480-M08-110 AE	921151	NO	bl	110	80	120	120	50	150
1480-M10-125 AE	921152	NO	bl	125	89	150	150	25	292
1480-M12-125 AE	921153	NO	bl	125	84	150	150	10	440
1480-M14-140 AE	921154	NO	bl	140	94,8	180	180	10	610
1480-M16-170 AE	921155	NO	bl	170	115	200	200	1	1030
1480-M20-200 AE	921156	NO	bl	200	129	220	220	1	1710
1480-M22-220 AE	927999	NO	bl	215	148	220	220	1	1997



1480-A



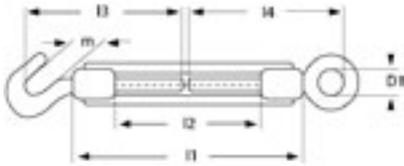
1480-B



1480-C



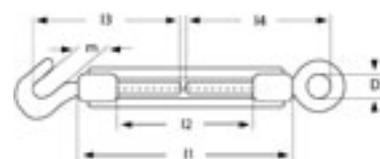
1480-M08



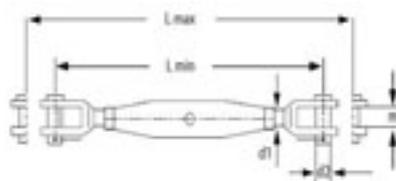
Name & Material				Measurements						Additional Info	
Name	IdentNo.	Material	Surface	D1 - mm	m - mm	l1 - mm	l2 - mm	l3 - mm	l4 - mm	Unit	Weight - g
1480-M06-110 A	912288	NO	vz	9	9	110	82	72	72	25	90
1480-M08-110 A	914391	NO	vz	11	10	110	80	78	78	25	135
1480-M10-125 A	903001	NO	vz	14	14	125	85	88	88	10	255
1480-M12-125 A	911277	NO	vz	17	15	125	81	113	113	10	430
1480-M14-140 A	912395	NO	vz	18	17	140	89	115	115	10	580
1480-M16-170 A	911331	NO	vz	22	18	170	118	123	123	10	905
1480-M20-200 A	912467	NO	vz	26	20	200	132	151	151	10	1650
1480-M22-220 A	917857	NO	vz	30	21	220	147	170	170	10	1970
1480-M24-255 A	913331	NO	vz	28	25	255	175	195	195	1	2780
1480-M30-255 A	933855	NO	vz	30	32	250	172	240	240	1	4770
1480-M36-295 A	934642	NO	vz	38	43	295	190	280	280	1	8250
1480-M06-110 B	919324	NO	vz	10	x	110	80	78	78	25	92
1480-M08-110 B	917851	NO	vz	10	x	110	80	78	78	25	144
1480-M10-125 B	905044	NO	vz	14	x	125	90	88	88	10	240
1480-M12-125 B	915484	NO	vz	17	x	125	83	100	100	10	383
1480-M14-140 B	908603	NO	vz	18	x	140	93	110	110	10	509
1480-M16-170 B	900045	NO	vz	22	x	170	118	140	140	10	898
1480-M20-200 B	908652	NO	vz	25	x	200	136	165	165	10	1510
1480-M22-220 B	917858	NO	vz	29	x	220	147	169	169	10	1890
1480-M24-255 B	917859	NO	vz	32	x	255	175	187	187	1	2620
1480-M30-255 B	933856	NO	vz	30	x	255	170	200	200	1	4160
1480-M06-110 C	919325	NO	vz	x	8	110	80	74	74	25	85
1480-M08-110 C	905352	NO	vz	x	9	110	80	90	90	25	155
1480-M10-125 C	917852	NO	vz	x	13	125	89	93	93	10	261
1480-M12-125 C	919323	NO	vz	x	15	125	83	99	99	10	406
1480-M14-140 C	917854	NO	vz	x	17	140	89	114	114	10	623
1480-M16-170 C	909746	NO	vz	x	18	170	116	138	138	10	926
1480-M20-200 C	917856	NO	vz	x	20	200	136	160	160	10	1520
1480-M22-220 C	926599	NO	vz	x	23	220	147	190	190	10	2090
1480-M24-255 C	917860	NO	vz	x	27	255	179	235	235	1	3470
1480-M30-255 C	933857	NO	vz	x	33	255	165	250	250	1	5370
1480-M08	933859	NO	vz	x	x	108	86	x	x	1	76

# Turnbuckle / Rigging screw

Spannschloss / Wantenspanner - Tendeur / Ridoir - Spanschroef / Wantenspanner



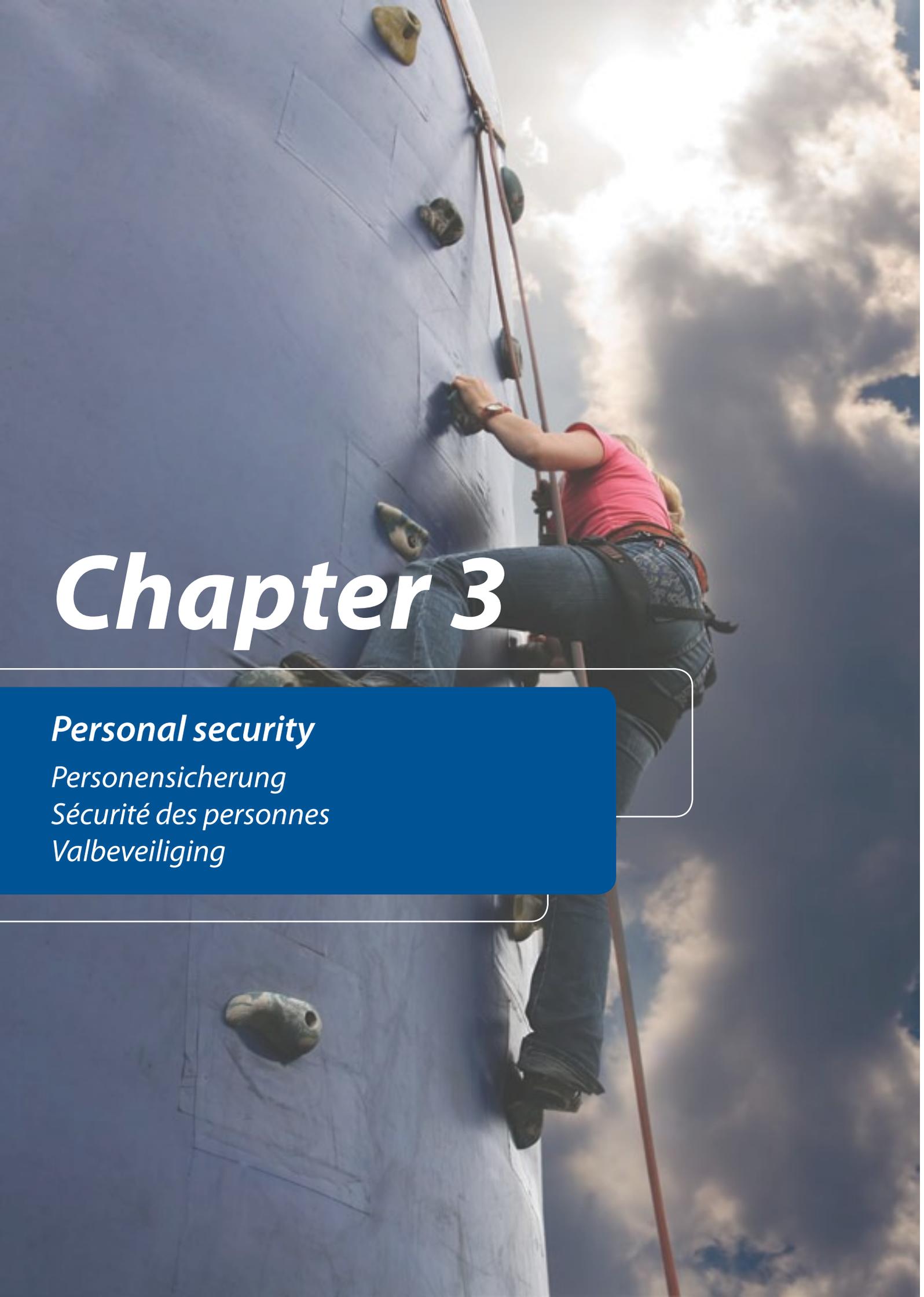
Name & Material				Measurements						Additional Info	
Name	IdentNo.	Material	Surface	D1 - mm	m - mm	l1 - mm	l2 - mm	l3 - mm	l4 - mm	Unit	Weight - g
1485-I-05 A	907736	A4	po	8	10	70	55	53	53	25	44
1485-I-06 A	910539	A4	po	11	10	90	68	70	70	25	80
1485-I-08 A	909627	A4	po	12	10	120	94	82	82	10	143
1485-I-10 A	906215	A4	po	16	13	150	120	100	100	5	240
1485-I-12 A	904372	A4	po	19	15	200	167	145	145	1	528
1485-I-16 A	906628	A4	po	22	16	245	200	170	170	1	1080
1485-I-05 B	932306	A4	po	8	x	70	54	52	52	25	43
1485-I-06 B	930072	A4	po	10	x	90	75	76	76	25	84
1485-I-08 B	930073	A4	po	14	x	120	93	87	87	10	145
1485-I-10 B	930074	A4	po	15	x	150	117	103	103	10	334
1485-I-12 B	930075	A4	po	17	x	200	170	135	135	1	400
1485-I-16 B	930076	A4	po	22	x	247	215	165	165	10	1020
1485-I-05 C	933623	A4	po	x	7	74	57	52	52	25	41
1485-I-06 C	933624	A4	po	x	10	90	68	71	71	25	72
1485-I-08 C	933625	A4	po	x	10	120	95	80	80	10	142
1485-I-10 C	933626	A4	po	x	11	150	120	123	123	10	238
1485-I-12 C	933627	A4	po	x	15	200	170	145	145	1	502
1485-I-16 C	933628	A4	po	x	19	250	205	175	175	1	1095



Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	d1 - mm	d2 - mm	m - mm	l min. - mm	l max. - mm	BS - daN	Unit	Weight - g
4250-I-05	914337	A4	po	M5	5	6,5	135	195	460	10	51
4250-I-06	907744	A4	po	M6	6	7,5	160	230	900	1	90
4250-I-08	909628	A4	po	M8	8	11	180	253	1330	1	156
4250-I-10	913298	A4	po	M10	9	12	210	300	2180	1	260
4250-I-12	902167	A4	po	M12	12	10	222	350	4500	1	525



Name & Material				Measurements			Additional Info	
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	l - mm	Unit	Weight - g
3-A-60-6	934955	NO	vz	6	13	60	50	32
3-A-75-7	906960	NO	vz	7	16	75	20	42
3-A-70-6	907666	NO	vz	6	16	70	50	41
3-A-80-8	933844	NO	vz	8	18	80	20	93
3-A-I-70x6	907667	A4	po	6	16	70	50	34

A person with blonde hair, wearing a pink t-shirt and blue jeans, is climbing a blue rock wall. The wall is covered in various climbing holds. The person is seen from the side, reaching up to grasp a hold. The background is a bright sky with scattered white clouds. The overall scene conveys a sense of challenge and personal achievement.

# *Chapter 3*

*Personal security*

*Personensicherung*

*Sécurité des personnes*

*Valbeveiliging*



2301-H-CE



2301-S-CE



2302-TW3-CE



2303-TW3-CE



2980-S-CE



2981-S-CE



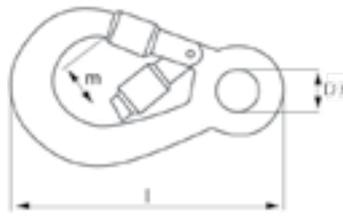
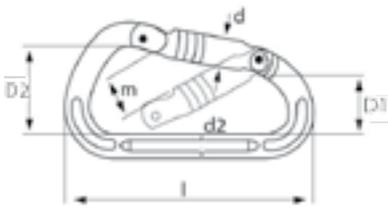
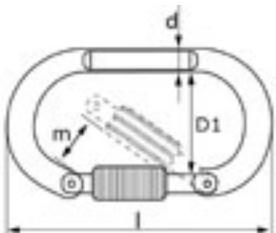
2985-TW3-CE



2986-TW2-CE



2292-TW2-CE



Name & Material					Measurements						Additional Info		
Name	IdentNo.	Material	Surface	din	D1 - mm	D2 - mm	d1 - mm	d2 - mm	m - mm	l - mm	SL - daN	Unit	Weight - g
2301-H-CE	935040	HS	vz	EN362	31	x	10	x	18	104	2500	10	156
2301-S-CE	935046	HS	vn	EN 362	31	x	10	x	16	107	2500	25	160
2302-TW3-CE	935044	HS	vz	EN 362	33	x	10	x	16	107	2500	10	160
2303-TW3-CE	935031	LM	el	EN 362	35	x	11	x	16	110	2500	10	83
2980-S-CE	930039	LM	el	EN 362	22	51	18	13	23	121	2000	10	89
2981-S-CE	930081	LM	el	EN 362	28	51	12	13	23	121	2600	10	91
2985-TW3-CE	930040	LM	el	EN 362	22	51	18	13	23	121	2000	10	96
2986-TW2-CE	930043	LM	el	EN 362	24	51	18	13	23	121	2600	10	105
2292-TW2-CE	930024	LM	el	EN 362	22	42	18	15	24	175	2000	10	213

S = screw-Lock = first unscrew then open, TW2 = twist-Lock = first twist 90° then open, TW3 = tri-Lock = first push, then twist 90° then open

# Safety snap hook

Sicherheitskarabinerhaken - Mousqueton à sécurité - Veiligheidshaak



5721-RH-20-CE



5722-RH-60-CE



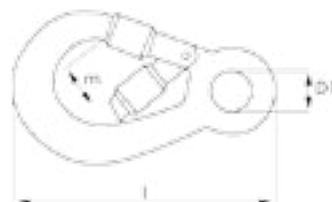
5750-CE



5750-B-CE



2312-S-CE



Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	rope-d - mm	D1 - mm	m - mm	l - mm	SL - daN	Unit	Weight - g
5721-RH-20-CE	940100	LM/NS	bl	x	20	24	140	2000	10	120
5722-RH-60-CE	917946	LM/NS	bl	x	24	62	250	2000	5	488
5750-CE	931392	NO	ge	x	22	18	129	2300	50	240
5750-B-CE	931391	LM	sc	x	21	18	140	2200	10	135
2312-S-CE	931815	LM	bl	12	x	22	165	1)	25	258



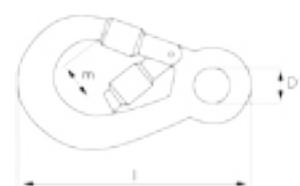
227-S



229-S

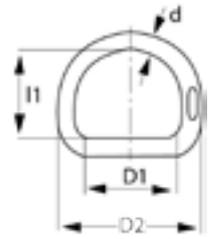


2294-LM



Name & Material				Measurements					Additional Info			
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D3 - mm	m - mm	l - mm	BS - daN	SL - daN	Unit	Weight - g
227-S	931206	NO	sc	8	11	60	14	106,5	1200	x	25	96
229-S	931646	LM	bl	17	22	18	20	135	x	2000	10	160
2294-LM	931883	LM	bl	26	27	90	25	165	x	1600	10	226

S = screw-Lock = first unscrew then open, TW2 = twist-Lock = first twist 90° then open, TW3 = tri-Lock = first push, then twist 90° then open  
 1) SL-Value: Determination of used bolt and rope



Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	d - mm	D1 - mm	D2 - mm	l1 - mm	BS - daN	Unit	Weight - g
255-ST-16x2,6	914368	NO	vn	2,6	16	22	12	x	50	2,4
255-ST-20x3,0	914370	NO	vn	3	20	27	15	x	250	3,8
255-ST-24-4,5	914362	NO	vz	4,5	25	34	21	x	250	12
255-ST-25-4,5	914363	NO	vn	4,5	25	34	21	x	250	12
255-ST-35-5.0	914373	NO	vz	5	35	45	25	150	250	14
255-ST-50-6,5	914377	NO	vz	6,5	50	70	42	200	50	49
255-B-32-4	950056	NO	bl	4	34	42	23	x	500	10
255-B-25-4,5	914364	NO	bl	4,5	25	34	21	x	500	10
255-MS-28-5	914374	MS	bl	5	28	40	24	x	50	17
5787	905969	NO	blank	9,7	67	87	50	5000	10	178

# D-Ring

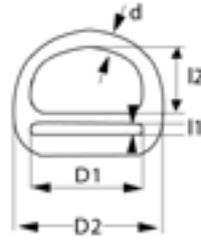
D-Ringe Sicherheit - Dé rectangle - D-Ring



2990



5764



255-LM-CE



255-I



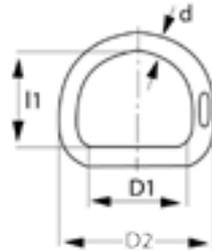
256-45-7



257-I



7472-G-76



Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	D1 - mm	D2 - mm	d - mm	l1 - mm	l2 - mm	SL - daN	Unit	Weight - g
2990	931814	LM	bl	86	110	11	10	30	1600	200	101
5764	950036	HS	vz	45	64	9	9,5	25,5	3000	100	82
255-LM-45-12	931810	LM	vz	45	79	12	50	x	1500	100	71
255-I AISI 316	926620	A4	bl	47	62	7	40	x	1100	25	52
256-45-7	914365	NO	vz	45	60	7	45	x	1500	100	60
257-I AISI 304	931360	A2	bl	45	60	4	50	x	1500	50	38
7472-G	931821	LM	bl	76	100	10	20	x	1200	100	62



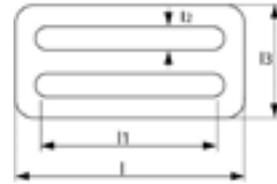
7472-F



200-86



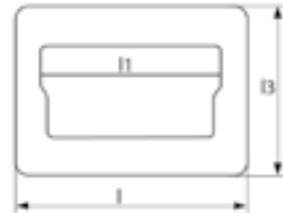
6245 male



6245 female



6245-04-F-SP



Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	d - mm	l1 - mm	l2 - mm	l3 - mm	l - mm	SL - daN	Unit	Weight - g
7472-F-12	931649	LM	bl	9,5	30	20	68	48	1500	200	41
7472-F-16	931650	LM	bl	10	33	32,5	95	54	150	100	57
200-86	931808	LM	bl	9,5	28	87	106	47	800	100	58
6245-03M	940007	NO	vz	3	45	5	29	58	900	400	27
6245-04-F	940008	NO	vz	4	48	25	45	62	900	400	49
6245-04-F-SP	940023	NO	vz/pol	4	48	25	45	62	900	400	49

# Belt buckle / Backgrate-Loop / Swivel for safety

Gurtschnallen / Plastik Rückenplatte / Sicherheitswirbel

Boucle harnais / Plaque dorsale plastique / Tourillon à sécurité - Gesp / Kunststof Rugplaat / Wervel



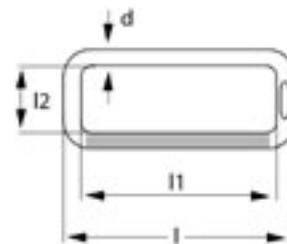
305-86-CE



302-44



55-35-6



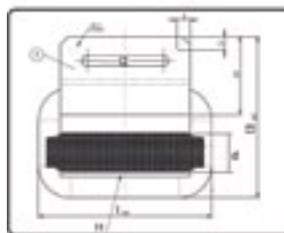
Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	Surface	d - mm	l1 - mm	l2 - mm	l - mm	SL - daN	Unit	Weight - g
305-86	931813	LM	bl	9	86	35	104	800	100	46
302-44	931887	LM	bl	7	44	28	59	1000	250	18
55-35-6	975535	NO	zn	6 / 10	55	32,5	68	x	250	46



6425



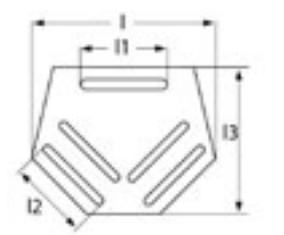
426-66/42



45



45-55-bl



45-16-bl

Name & Material				Measurements					Additional Info		
Name	IdentNo.	Material	Surface	d - mm	l1 - mm	l2 - mm	l3 - mm	l - mm	SL - daN	Unit	Weight - g
6425	940010	NO	ge	4	46	x	55	64	1500	200	104
426-66/42	940012	NO	zn	13	48	31	61	65	x	200	150
45-55	940020	KS	fb	4	55	45	87	104	x	50	22
45-55-bl	940060	KS	bl	4	55	45	87	104	x	100	22
45-16-bl	940027	KS	bl	2,2	47	x	x	52	x	100	2



# Chapter 4

## *Cargo load restraint systems*

*Ladungssicherung*

*Systèmes d'arrimage*

*Ladingzekering*



RS25/150GREEN



RS25/600BLUE



RJT-10



RJT-10



RJT-11

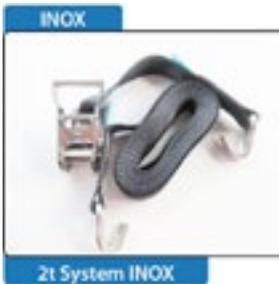
Name & Material			Measurements				Additional Info			
Name	IdentNo.	Color	Webbing - mm	EN 12195-2 LC daN	Ratchet	Hook	length - mm	BS - daN	Unit	Weight - g
RS25/150	959904	green	25	400	234-Y-25	S-Hook black	1,5	800	20	396
RS25/600	959906	blue	25	500	234-WH-25	5726-S-25	6	1000	50	640
RJT-10	959810	orange	25	400	-	S-Hook black	3	800	40	562
RJT-11	959811	orange	25	250	-	S-Hook black	3	500	50	354



2t System



3t System



2t System INOX

Used hardware for lashing systems:



5712-SH-36



5712-WH-36



5736-1-36



5712-I-36



5736-I-36

Name & Material			Measurements				Additional Info			
Name	IdentNo.	Color	Webbing - mm	EN 12195-2 LC daN	Ratchet	Hook	length - mm	BS - daN	Unit	Weight - g
2t 6m	959910	green	35	1000	5712-SH-36	5736-1-36	6	2000	20	920
2t 6m Inox	959982.01	black	35	1000	5712-I-36	5736-I-36	6	2000	1	1092
3t 6m	959982	black	35	1500	5712-WH-36	5736-1-36	6	3000	10	1600

Please ask for other kind of systems - length, hardware, color!  
Andere Gurtsysteme - Länge, Hardware, Farbe - gerne anfragen!  
Lengte, hardware en kleur van andere spanbanden op aanvraag.



5t System



5t-8 m



5t-9m (claw hook)



5t-0.3 m



5t-8m endless



5t-10 m Ergo +

Please ask for other kind of systems - length, hardware, color!  
Andere Gurtsysteme - Länge, Hardware, Farbe - gerne anfragen!  
Lengte, hardware en kleur van andere spanbanden op aanvraag.

Used hardware for lashing systems:



235-WH-50



235-LPWH-50



5731-M-50



5729-50



5744-50

Name & Material			Measurements					Additional Info		
Name	IdentNo.	Color	Webbing - mm	EN 12195-2 LC daN	Ratchet	Hook	length - mm	BS - daN	Unit	Weight - g
5t 8m	959993	orange	50	2500	235-WH-50	5731-M-50	8	5000	10	2800
5t 9m	959989	orange	50	2500	235-WH-50	5729-50	9	5000	10	3000
5t 9m	959992	orange	50	2500	235-WH-50	5731-M-50	9	5000	10	3000
5t10m	959986	orange	50	2500	235-WH-50	5731-M-50	10	5000	10	3400
5t 8mErgo	959987	orange	50	2500	235-LPWH-50	5731-M-50	8	5000	8	3200
5t 10mErgo	959951	orange	50	2500	235-LPWH-50	5731-M-50	10	5000	8	3400
5t 10m Ergo+	959887	orange	50	2500	235-LPWH-50+	5731-M-50	10	5000	6	3460
5t-0,3m short	159995	orange	50	2500	235-WH-50	5744-50	0,3	5000	1	1490
5t-8,6m endless	159996	orange	50	2500	235-WH-50	x	8,6	5000	1	1850

# Corner and webbing protection

Schutzartikel für Zurrgurte - Protection de sangle - Bescherming voor spanbanden



Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Color	Bandwidth - mm	a - mm	l1 - mm	l2 - mm	l - mm	Unit	Weight - g
CPW 100x100	940025	PE	white	max. 105 mm	2,5	100	100	130	200	59
CPP 190x145	940026	PP	black	max. 50 mm	3	145	190	145	100	186
50-45-PMS	940028	Rubber	black	max. 50 mm	17	45	78	x	500	49
SL-35	940029	PP	black	max. 35 mm	x	x	x	x	100	54
SL-50	940031	PP	black	max. 50 mm	x	x	x	x	100	77



Name & Material			Measurements				Additional Info		
Name	IdentNo.	Color	Webbing - mm	EN 12195-2 LC daN	Hook	l min. - mm	l max. - mm	BS - daN	Unit
ACB-RJT70	959970	black	25	300	-S	400	1800	600	24
ACB-RJT65	959965	lack	25	300	-S	400	3000	600	24
ACB-RJT71	959971	black	50	750	-S	400	3000	1500	12
ACB-RJT63	959963	green	25	300	-S	400	1800	600	24
ACB-RJT57	959957	blue	25	300	-S	400	1800	600	24
ACB-RJT67	959967	black	25	300	-P	400	1800	600	24
ACB-RJT66	959966	black	25	300	-P	400	3000	600	24
ACB-RJT78	959978	green	25	300	-P	400	1800	600	24
ACB-RJT08	959808	green	25	300	-P	400	3000	600	24
ACB-RJT07	959807	blue	25	300	-P	400	3000	600	24
ACB-RJT68	959968	black	50	750	-P	400	3000	1500	12
ACB-RJT64	959964	green	50	750	-P	400	3000	1500	12
ACB-RJT09	959809	blue	50	750	-P	400	3000	1500	12
ACB-RJT77	959977	black	25	300	-SC	400	1800	600	24
ACB-RJT59	959959	green	25	300	-SC	400	1800	600	24
ACB-RJT58	959958	blue	25	300	-SC	400	1800	600	24

# Car transport lashing / Cargo plank

Autotransportzurrgurte / Zwischenwandverschluss - Sangle de roue / Barre d'arrimage

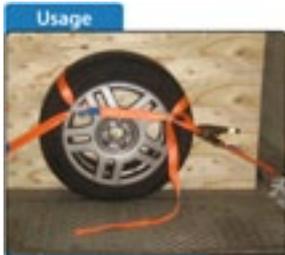
Autotransport banden / Cargo plank



B25-VEL-36



B36-3-LOOP



Usage

Tyre 3t - 3,3 m



part 1

Tyre 3t-3.3 m



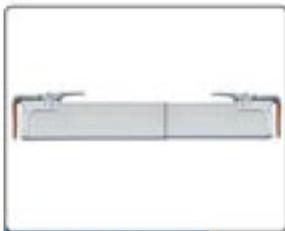
part 2

Tyre 3t-3.3 m



part 3

Tyre 3t-3.3 m

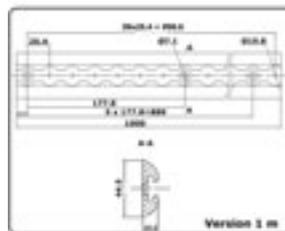
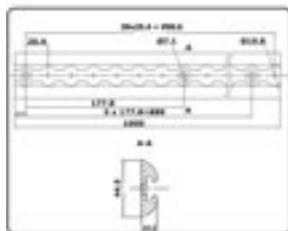


24-27

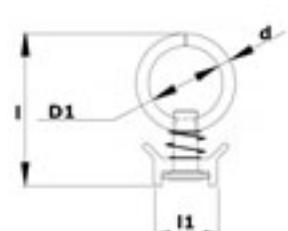
Name & Material			Measurements					Additional Info		
Name	IdentNo.	Color	Webbing - mm	EN 12195-2 LC daN	Ratchet	Hook	length - m	BS - daN	Unit	Weight - g
B25-VEL-36	971291	blue	25	x	x	x	0,36	x	100	13
B36-3-LOOP	971290	orange/blue	36	x	x	x	max.120cm/min.40 cm	x	1	176
Tyre 3t-3,3m	959979	orange	36	1500	5712-WH-36	5736-1-36	3,30	3000	15	1540
		Material	l min. - mm	l max. - mm						
24-27	987100	LM/ vz	2400	2700	x	x	x	x	1	x



5780



5784-45



5784-A



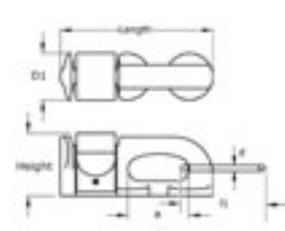
5784-45 + 5784-A



5782



5786



Name & Material				Measurements							Additional Info			
Name	IdentNo.	Material	Surface	Webbing - mm	Height - mm	d - mm	a - mm	D1 - mm	l1 - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
5780 2m	190001	LM	bl	x	10,2	x	x	x	x	2000	x	x	1	1500
5780 1m	190002	LM	bl	x	10,2	x	x	x	x	1000	x	x	1	750
5784-45	905088	NO	vz	25	17	5	x	x	x	60	1800	900	100	45
5784-A	905089	LM	bl	x	10	x	x	x	x	45	2000	1000	100	20
5782	905086	HS	ge	20	26	x	20	18	x	62	2720	1360	100	96
5786	905087	HS	ge	50	26	8	20	18	55	62	2300	1150	100	145

# Load binders / Truck Trailer Parts

Ratschenlastspanner / Zollseile - Tire Cable - Tendeur crochet - crochet et oeil-oeil  
Kettingspanner / Tir-Kabel

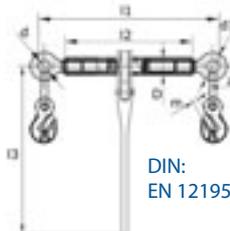
with hooks



LB-BINDER +



LB-BINDER



DIN:  
EN 12195-3

## Name & Material

Name	IdentNo.	Material	Color
LB-BINDER-08+	959050	C45	red
LB-BINDER-08	959051	C45	red
LB-BINDER-10+	959052	C45	red
LB-BINDER-10	959053	C45	red

## Measurements

d - mm	a - mm	D - mm	D1 - mm	m - mm	l1 - mm	l2 - mm	l3 - mm
Ø20	Ø13,2	Ø34	Ø52	12,8	352-510	252	355,5
Ø20	x	Ø34	Ø52	x	352-510	252	355,5
Ø20	Ø16	Ø34	Ø52	16,5	352-510	252	355,5
Ø20	x	Ø34	Ø52	x	352-510	252	355,5

## Additional Info

BS - daN	SWL - daN	Unit	Weight - g
8000	4000	1	4800
8000	4000	1	3400
12600	6300	1	5500
12600	6300	1	3500



TPT-CABLE

## Name & Material

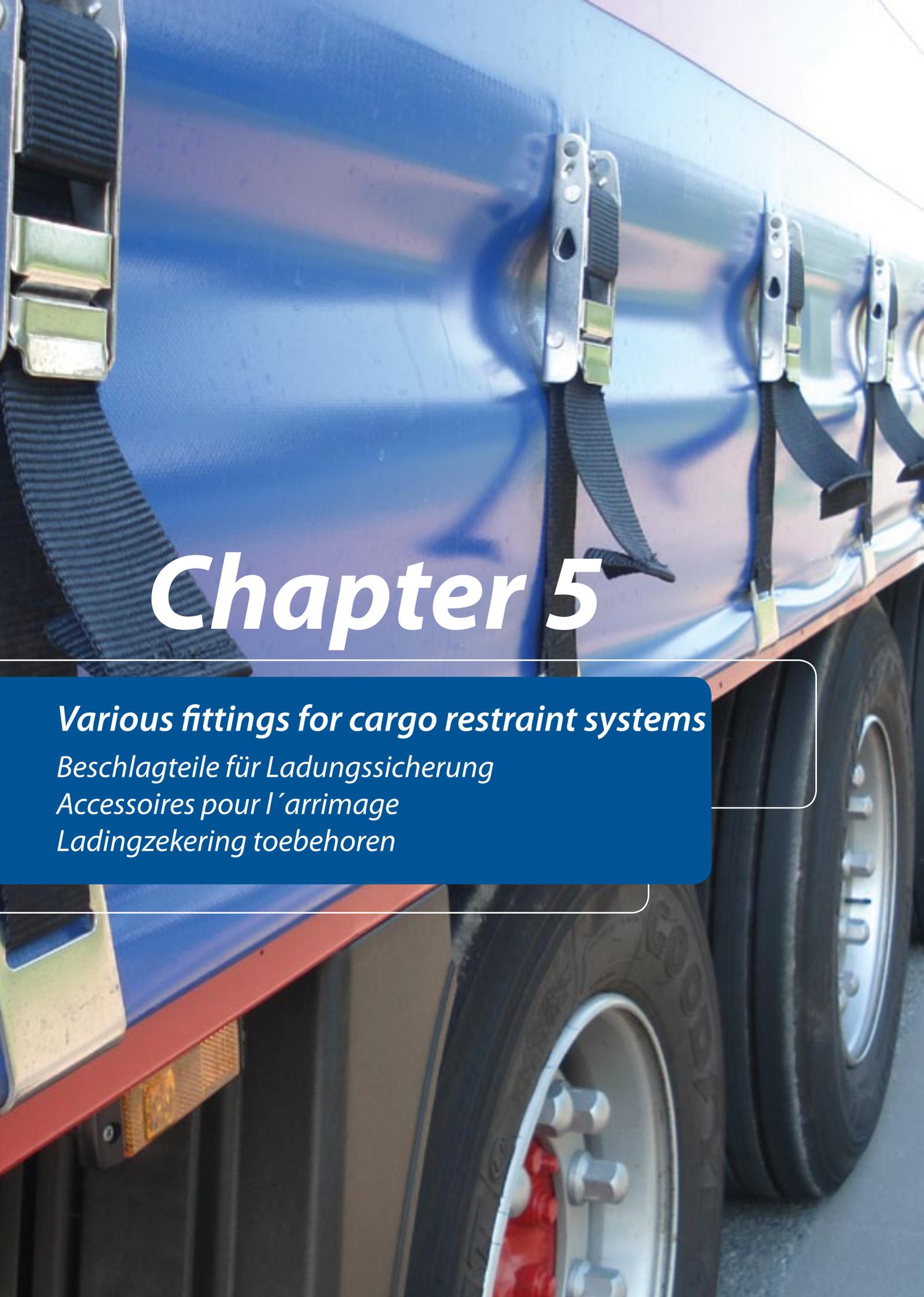
Name	IdentNo.	Material
TPT-CABLE 6MM	980150	NO-PVC

## Measurements

Length - m	d - mm
34	6

## Additional Info

Unit	Weight - g
10	1496



# Chapter 5

*Various fittings for cargo restraint systems*

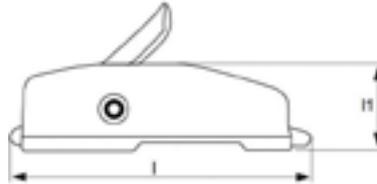
*Beschlagteile für Ladungssicherung*

*Accessoires pour l'arrimage*

*Ladingzekering toebehoren*

# Cam buckles / Spring buckles 12-50 mm

Klemmschlösser / Federschnalle 12-50 mm - Tendeurs a griffes / Plume boucle 12-50 mm - Klemsluiting 12-50



Name & Material				Measurements			Additional Info			
Name	IdentNo.	Material	Surface	Webbing - mm	l1 - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
5703-12	932769	ZD	bl	12	10	27	100	50	1000	11
5703-18	932758	ZD	bl	18	10	35	150	75	250	21
5703-20	932768	ZD	bl	20	10	34	180	90	1000	21
5705-36	931364	ZD	bl	36	22	60	600	300	200	123
5706-50	930389	ZD	bl/ vz	50	33	74	1200	600	100	258



5700-25



5701-25



5701-25 H



5702-25



5702-B-25



5702-O-25



5704-25



5702-I-25



5704-I-25



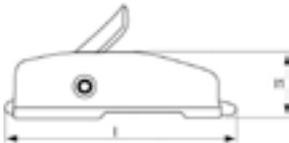
5706-25



5708-25 A



5710-I-25



Name & Material				Measurements				Additional Info			
Name	IdentNo.	Material	Surface	Webbing - mm	Bandwidth - mm	l1 - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
5700-25	929946	ZD/NO	vz	25	x	24	65	700	350	100	114
5700-25	931933	ZD	bl	25	x	15	52	450	225	400	48
5701-25 H	931936	ZD	bl	25	>1.2	14	50	450	225	400	52
5702-25	930388	ZD	bl	25	1.2-2.0	12	44	250	125	500	28
5702-B-25	930384	ZD	fz	25	1.5-1.7	12	44	250	125	500	36
5702-O-25	930387	ZD	olive-green	25	1.5-1.7	13	44	250	125	500	36
5704-25	929949	ZD	bl	25	x	17	54	500	250	300	70
5702-I-25	950021	A2	bl	25	max. 2.8	12	43	250	125	250	42
5704-I-25	950027	A2	bl/po	25	max. 2.8	15	48	500	250	300	73
5706-25	950024	ZD	bl	25	x	13	67	500	250	300	65
5708-25	930381	LM	po	25	x	32	72	600	300	10	83
5710-25	930390	A2	bl/po	25	x	20	66	x	x	250	38

# Ratchet 25/36mm

Ratschen 25/36mm - Tendeur 25/36mm - Ratels 25/36mm



234-25



234-B-25



234-Y-25



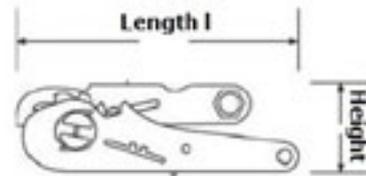
234-I-25



234-IWH-25



234-WH-25



Name & Material				Measurements			Additional Info			
Name	IdentNo.	Material	Surface	Webbing - mm	Height - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
234-25	931619	HS	vz	25	42	133	1000	500	60	350
234-B-25	929935	HS	black	25	35	115	800	400	100	207
234-Y-25	950055	HS	vz	25	35	115	800	400	100	207
234-I-25	932757	A2	bl	25	40	109	800	400	100	200
234-IWH-25	932756	A2	bl	25	40	133	1500	750	60	341
234-WH-25	929934	HS	vz	25	43	132	1500	750	60	397



5712-36



5712-NH-36-SH



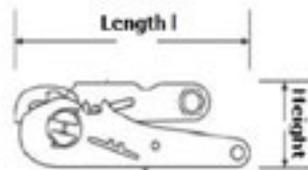
5712-SH-36



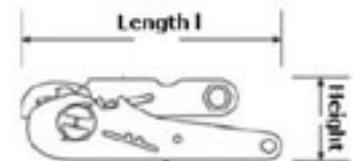
5712-WH-36



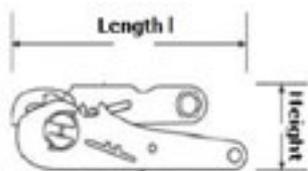
5712-I-36



Name & Material				Measurements			Additional Info			
Name	IdentNo.	Material	Surface	Webbing - mm	Height - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
5712-36	931618	HS	vz/ge	36	49	160	3000	1500	40	560
5712-NH-36-SH	931365	HS	vz	36	58	160	3000	1500	20	950
5712-SH-36	931367	HS	vz	36	40	135	2000	1000	45	400
5712-WH-36	930047	HS	vz	36	40	160	3000	1500	40	580
5712-I-36	931368	A2	bl	36	42	130	2000	1500	50	410



Name & Material				Measurements			Additional Info			
Name	IdentNo.	Material	Surface	Webbing - mm	Height - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
235-50	931617	HS	vz	50	55	170	5000	2500	20	965
235-LPV-HW-50	931790	HS	vz	50	60	300	5000	2500	12	1187
235-LPWH-50	931787	HS	vz	50	68	335	5000	2500	16	1561
235-NH-50-SH	931366	HS	vz	50	58	180	5000	2500	20	1197
235-WH-50	932251	HS	vz	50	55	230	5000	2500	20	1145
235-I-50	931620	A2	bl	50	55	230	4000	2000	20	1152
235-2-50-WH	931615	HS	vz	50	40	130	2000	1000	20	500

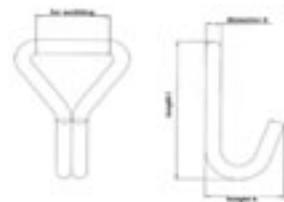


Name & Material				Measurements			Additional Info			
Name	IdentNo.	Material	Surface	Webbing - mm	Height - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
237-L-75	933797	HS	vz	75	85	330	10000	5000	1	3060

# Hook for cargo / S-Hook 25mm

Haken für Ladungssicherung/S-Hook 25mm-Crochet pour le system d'arrimage/Crochet en S 25mm

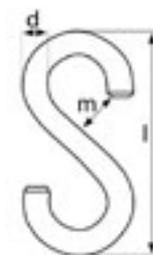
Haken voor Ladingszekering/S-Haak 25mm



Name & Material			
Name	IdentNo.	Material	Surface
5726-S-25	930055	HS	vz
5725-25	930060	HS	vz
5726-25	930061	HS	ge
5720-R-25	930077	HS	ge
5723-25	933796	HS	vz
37-25	934930	NO	vz
5727-F25	934931	HS	vz
5720-R-25-SL	930078	HS	vz
5726-I-25	930053	A2	bl
5726-J-25	930062	NO	zn

Measurements			
Webbing - mm	Height - mm	d - mm	l - mm
25	30	6	54
25	20	3	53
25	28	6	34
25	33	7	79
25	10	4	96
25	35	4	65
25	20	3	53
25	37	7	58
25	35	7	60
25	46	7	90

Additional Info			
BS - daN	SWL - daN	Unit	Weight - g
1000	500	500	40
1500	750	250	42
1000	500	200	33
1500	750	300	105
1500	750	100	84
110	55	1000	26
1500	750	200	46
1500	750	50	102
1000	500	50	62
500	250	200	60



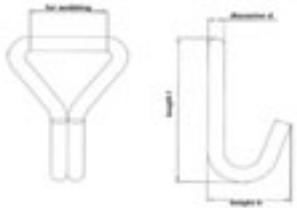
Name & Material				
Name	IdentNo.	Material	Surface	Color
5745-VC-25	929950	NO	pvc	blue

Measurements			
Webbing - mm	d - mm	m - mm	l - mm
25	7	26	105

Additional Info			
BS - daN	SWL - daN	Unit	Weight - g
500	250	200	66

# Hook for cargo 36/45mm

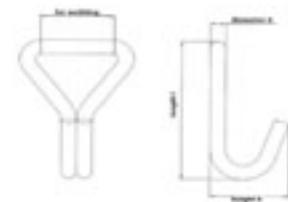
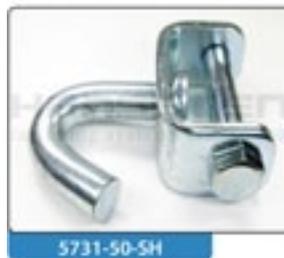
Haken für Ladungssicherung 36/45mm- Crochet pour le system d'arrimage 36/45mm  
Haken voor Ladingszekering 36/45mm



Name & Material				Measurements				Additional Info			
Name	IdentNo.	Material	Surface	Webbing - mm	Height - mm	d - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
5736-1-36	933020	HS	vz	36	42	9	76	3000	1500	150	132
5736-36	933022	HS	vz	36	45	11	90	2200	1100	1	156
5736-SH-36	934937	HS	vz	36	30	13	93	3000	1500	40	310
5736-36-SL	934941	HS	vz	36	44	9	85	3000	1500	50	184
5734-36	950023	HS	ge	36	36	9	52	2200	1100	1	106
5736-I-36	933021	A2	bl	36	42	9	60	2000	1000	10	131
5732-45	918320	HS	ge	45	63	4	110	2700	1350	100	142

# Hook for cargo 50mm

Haken für Ladungssicherung 50mm-Crochet pour le system d'arrimage 50mm-Haken voor Ladingszekering 50



Name & Material				Measurements				Additional Info			
Name	IdentNo.	Material	Surface	Webbing - mm	Height - mm	d - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
5730-50	925864	HS	ge	50	60	10	115	5000	2500	10	487
5731-K-50	930049	HS	vz	50	46	11	74	5000	2500	1	213
5729-50	930056	HS	vz	50	45	12	75	5000	2500	50	165
5743-50	933672	HS	ge	50	48	11	140	2000	1000	1	274
5744-50	933817	HS	ge	50	58	15	129	5000	2500	50	399
5731-50-SL	934936	HS	ge	50	50	12	85	5000	2500	50	286
5731-50-SH	934938	HS	vz	50	65	15	100	5000	2500	50	430
5731-50	934939	HS	ge	50	30	4	75	3000	1500	100	180
5731-M-50	934985	HS	vz	50	48	11	85	5000	2500	1	250
5731-50-NS	934987	HS	vz	50	50	12	135	5000	2500	1	418
5731-I-50	930054	A2	bl	50	50	12	85	3000	1500	10	255



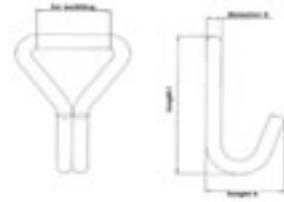
232-50



233-50



5746-S-50



Name & Material			
Name	IdentNo.	Material	Surface
232-50	929932	HS	vz
233-50	929933	HS	ge
5746-S-50	929952	HS	vz

Measurements			
Webbing - mm	Height - mm	d - mm	l - mm
50	78	6	155
50	75	6	155
50	x	14	166

Additional Info			
BS - daN	SWL - daN	Unit	Weight - g
5000	2500	50	257
5000	2500	50	314
5000	2500	50	552



5741-75



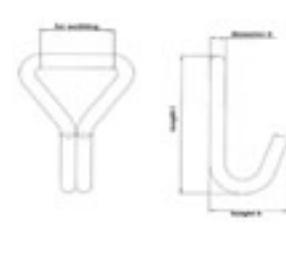
5719-75



5748-S-75



5731-75-NS



Name & Material			
Name	IdentNo.	Material	Surface
5741-75	933812	HS	vz
5719-75	933840	HS	ge
5748-S-75	933846	HS	ge
5731-75-NS	933849	HS	vz

Measurements			
Webbing - mm	Height - mm	d - mm	l - mm
75	70	17	130
75	70	17	110
75	100	x	250
75	71	16	150

Additional Info			
BS - daN	SWL - daN	Unit	Weight - g
10000	5000	1	800
10000	5000	1	500
10000	5000	1	1940
10000	5000	1	916

# Load hook

Lasthaken - Crochet de levage - Lasthaken



2310



2311



2311-TR-30



689



689-S



zinc plated

689-vz



689-BL



zinc plated

689-S-vz



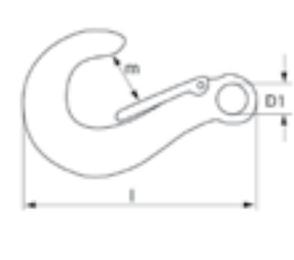
689-S-BL



5746-S-50

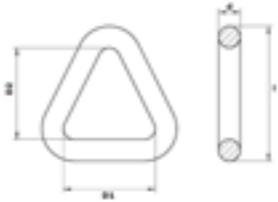


5748-S-75



Name & Material				Measurements				Additional Info			
Name	IdentNo.	Material	Surface	D1 - mm	m - mm	l1 - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
2310	923311	NO	vz	18	14	x	90	2500	1250	50	150
2311	902993	NO	vz	18	14	x	90	2500	1250x	50	160
2311-TR-30	931019	NO	vz	17	17	125	91	x	900	100	227
689-1-bl	932074	NO	bl	12	17	x	89	x	250	10	148
689-2-bl	932075	NO	bl	16	23	x	117	x	500	10	358
689-3-bl	932076	NO	bl	19	32	x	162	x	1000	5	792
689-4-bl	932077	NO	bl	25	35	x	186	x	1600	5	1280
689-1-vz	932078	NO	vz	12	19	x	87	x	250	10	131
689-2-vz	932079	NO	vz	16	23	x	117	x	500	10	335
689-3-vz	932080	NO	vz	20	33	x	159	x	1000	5	914
689-4-vz	932081	NO	vz	25	35	x	189	x	1600	5	1252
689-S-1-bl	932082	NO	bl	12	16	x	88	x	250	10	164
689-S-2-bl	932083	NO	bl	15	23	x	118	x	500	10	360
689-S-3-bl	932084	NO	bl	20	25	x	161	x	1000	5	932
689-S-4-bl	932085	NO	bl	21	31	x	186	x	1600	5	1320
689-S-1-vz	932086	NO	vz	11	16	x	87	x	250	10	126
689-S-2-vz	932087	NO	vz	16	20	x	118	x	500	10	335
689-S-3-vz	932088	NO	vz	19	30	x	158	x	1000	5	844
689-S-4-vz	932089	NO	vz	25	30	x	189	x	1600	5	1338
5746-S-50	929952	HS	vz	x	x	x	166	5000	2500	50	552
5748-S-78	933846	HS	ge	x	x	x	250	10000	5000	1	1940

Load hook / Triangel / one way cargo  
 Lasthaken / Triangel / Einwegschnallen - Crochet de levage / Triangle / Boucle Rectangulaire  
 Lasthaken / Triangel / Ladingsgesp



Name & Material				Measurements					Additional Info			
Name	IdentNo.	Material	Surface	Webbing - mm	d - mm	D1 - mm	D2 - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
5733-50	933818	HS	vz	50	5	50	42	68	5000	2500	250	96
5733-R-50	930048	HS	vz	50	12	50	50	70	5000	2500	50	178
5733-R-35	930067	NO	vn	35	6	38	35	49	1200	600	100	38
5770-I-62	935052	A2	bl	40	10	40	62	44		1500	100	75



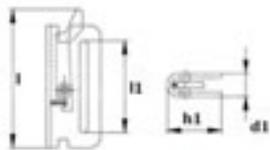
Name & Material				Measurements		Additional Info			
Name	IdentNo.	Material	Surface	Dimension - mm	Webbing - mm	BS - daN	SWL - daN	Unit	Weight - g
5790-35	960300	NO	vz	105 x 55	35	3000	1500	50	155
5790-50	960301	NO	vz	110 x 75	50	5000	2500	70	396
5790-75	933848	NO	vz	132x110	75	10000	5000	10	750

# Various fittings for cargo restraint systems

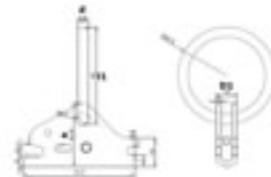
Beschlagteile für Ladungssicherung - Accessoires pour l'arrimage - Ladingzekering toebehoren



5751-50



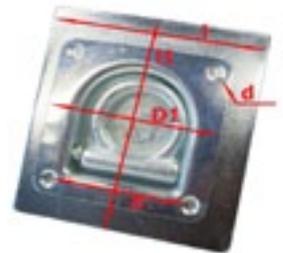
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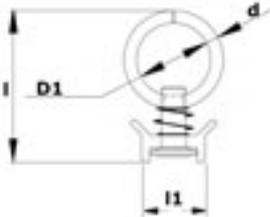
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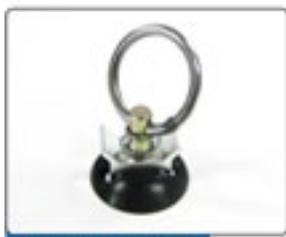
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5784-45



5784-A



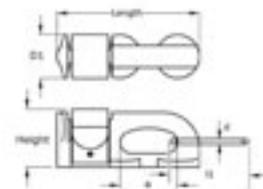
5784-45 + 5784-A



5782



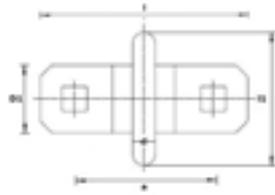
5786



Name & Material				Measurements							Additional Info			
Name	IdentNo.	Material	Surface	Webbing	Height	d - mm	a - mm	D1 - mm	l1 - mm	l - mm	BS - daN	SWL - daN	Unit	Weight - g
5751-50	932657	HS	ge	50	30	x	30	13	50,5	78	1500	750	250	91
5752-50	950342	HS	vz	50	42	6,4	42	13	63	71,7	1500	750	100	156
5783-36	905963	NO	vz	36	60	10	60	30	100	145	2200	1100	10	406
5789-105	905966	NO	vz	x	25	M6	85	105	140	130	1600	800	10	670
5784-45	905088	NO	vz	25	17	5	x	30	26,5	60	1800	900	100	45
5784-A	905089	LM	fz	x	10	x	x	x	x	45	2000	1000	100	20
5782	905086	HS	vz	20	26	x	20	18	x	62	2720	1360	100	95
5786	905087	HS	vz	50	26	8	20	18	55	62	2300	1150	100	165



5785



39-50

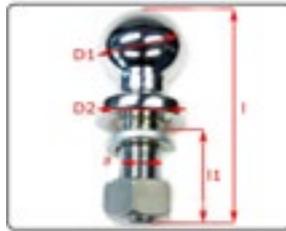


40-10



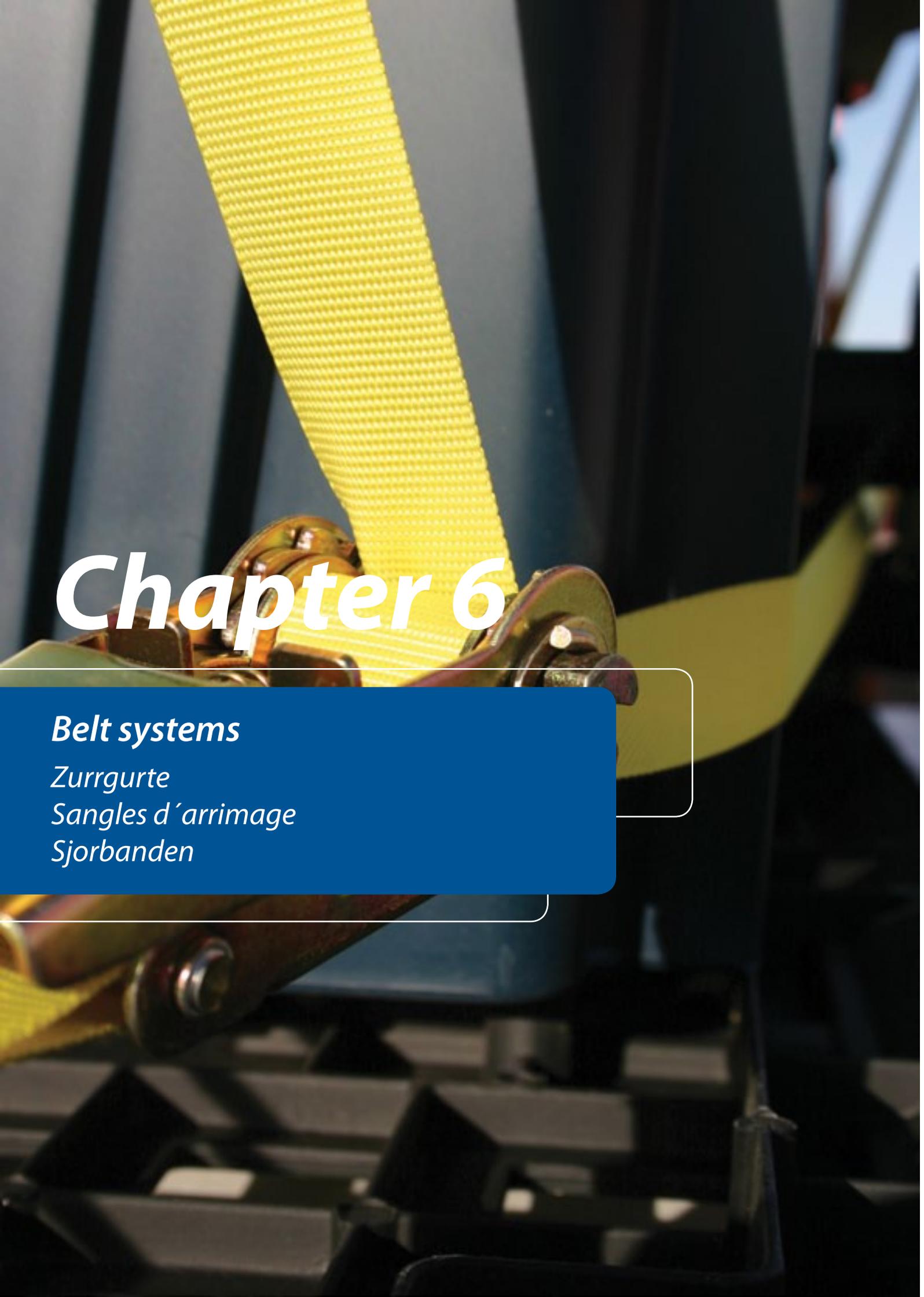
chrome

AHK-50



HEN-08-14

Name & Material				Measurements							Additional Info			
Name	IdentNo.	Material	Surface	Webbing	Height	d - mm	a - mm	D1 - mm	l1 -	l -	BS - daN	SWL - daN	Unit	Weight - g
5785	905962	NO	zn	36	60	10	60	30	58	91	1600	800	50	178
39-50	930063	NO	zn	x	20	2,5	x	39	x	53	x	x	20	28
40-10	930064	NO	black	x	x	1,6	15,5	15	20	40	x	x	200	11
AHK-50 3,5t	950314	NO	chrome	x	x	x	M22	Ø 50	54	126	3500	x	25	1360
AHK-50 2.8t	950316	NO	chrome	x	x	x	M22	Ø 50	54	126	2800	x	25	1360
AHK-50 2,0t	950317	NO	chrome	x	x	x	M22	Ø 50	54	126	2000	x	25	1300
HEN-08-14	950313	A2	po	x	18	3	M8x1,25x10	29,5	16,5	47	x	x	100	20

A close-up photograph of a yellow lifting strap with a woven texture, attached to metal hardware. The strap is part of a larger lifting system, with other straps and metal components visible in the background. The lighting is dramatic, highlighting the texture of the strap and the metallic surfaces.

# Chapter 6

## *Belt systems*

*Zurrgurte*

*Sangles d'arrimage*

*Sjorbanden*



B18/0150 L0,8

Name & Material			Measurements			Additional Info		
Name	IdentNo.	Color	Webbing - mm	Cambuckle	l - m	BS - daN	Unit	Weight - g
B18/080 grey	935075	grey	18	5703-18	0,8	150	100	28



B20/40



B20/40



B20/40



B20/040



B20/040



B20/40



B20/40

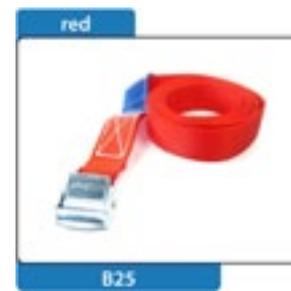


B20/040

Name & Material			Measurements			Additional Info		
Name	IdentNo.	Color	Webbing - mm	Cambuckle	l - m	BS - daN	Unit	Weight - g
B20/40 yellow	935106	yellow	20	5703-20	0,4	180	100	29
B20/40 orange	935097	orange	20	5703-20	0,4	180	100	29
B20/40 red	935096	red	20	5703-20	0,4	180	100	29
B20/40 green	935094	green	20	5703-20	0,4	180	100	29
B20/40 blue	935095	blue	20	5703-20	0,4	180	100	29
B20/40 camouflage	935098	camouflage	20	5703-20	0,4	180	100	29
B20/40 brown	935103	brown	20	5703-20	0,4	180	100	29
B20/40 black	935093	black	20	5703-20	0,4	180	100	29

# Belt systems 25 mm

Belt systems 25 mm - Sangles d'arrimage 25 mm - Sjorbanden 25 mm



Name & Material			Measurements			Additional Info		
Name	IdentNo.	Color	Webbing - mm	Cam buckle	l - m	BS - daN	Unit	Weight - g
B25/300 white	935065	white	25	5702-25	3	250	100	110
B25/450 white	935066	white	25	5702-25	4,5	250	100	147
B25/ 400 yellow	935107	yellow	25	5702-25	4	250	100	135
B25/500 yellow	935101	yellow	25	5702-25	5	250	100	160
B25/600 yellow	935108	yellow	25	5702-25	6	250	100	185
B25/055 red	935111	red	25	5702-25	0,55	250	100	44
B25/300 red	935071	red	25	5702-25	3	250	100	110
B25/400 red	935073	red	25	5702-25	4	250	100	135
B25/450 red	935072	red	25	5702-25	4,5	250	100	147
B25/500 red	935074	red	25	5702-25	5	250	100	160
B25/055 green	935112	green	25	5702-25	0,55	250	100	44
B25/250 green	935091	green	25	5702-25	2,5	250	100	95
B25/300 green	935069	green	25	5702-25	3	250	100	110
B25/400 green light	935078	green light	25	5702-25	4	250	100	135
B25/450 green	935070	green	25	5702-25	4,5	250	100	147
B25/500 green light	935081	green light	25	5702-25	5	250	100	160
B25/600 green light	935085	green light	25	5702-25	6	250	100	185
B25/065 blue	935113	blue	25	5702-25	0,65	250	100	44
B25/250 blue	935100	blue	25	5702-25	2,5	250	100	95
B25/300 blue	935067	blue	25	5702-25	3	250	100	110
B25/400 blue	935079	blue	25	5702-25	4	250	100	135
B25/450 blue	935068	blue	25	5702-25	4,5	250	100	147
B25/500 blue	935083	blue	25	5702-25	5	250	100	160
B25/600 blue	935087	blue	25	5702-25	6	250	100	185



Name & Material			Measurements			Additional Info		
Name	IdentNo.	Color	Webbing - mm	Cambuckle	l - m	BS - daN	Unit	Weight - g
B25/600 camouflage	935077	camouflage	25	5702-25	6	250	100	185
B25/500 brown	935064	brown	25	5702-25	5	250	100	160
B25/600 brown	935088	brown	25	5702-25	6	250	100	185
B25/250 black	935089	black	25	5702-25	2,5	250	100	95
B25/300 black	935058	black	25	5702-25	3	250	100	110
B25/400 black	935080	black	25	5702-25	4	250	100	135
B25/ 450 black	935059	black	25	5702-25	4,5	250	100	147
B25/500 black	935082	black	25	5702-25	5	250	100	160
B25/600 black	935086	black	25	5702-25	6	250	100	185
B25/250 black/blue	935099	black, blue stripe	25	5702-25	2,5	250	100	95



Name & Material			Measurements			Additional Info		
Name	IdentNo.	Color	Webbing - mm	Cambuckle	l - m	SWL - daN	Unit	Weight - g
B25+/400	959929	red	25	5700-25	4	350	50	200
B25+/600	959930	red	25	5700-25	6	350	50	250

## Belt systems 25 mm with ratchet

Zurrgurte 25 mm mit Ratsche - Sangles d'arrimage 25 mm avec tendeurs à cliquet  
Sjorbanden 25 mm met ratel



Name & Material			Measurements				Additional Info		
Name	IdentNo.	Color	Webbing - mm	Cambuckle	l - m	EN12195-2-LC	BS - daN	Unit	Weight - g
R25/400 yellow	959956	yellow	25	234-B-25	4	400	800	50	285
R25/500 yellow	959938	yellow	25	234-B-25	5	400	800	50	310
R25/600 yellow	959940	yellow	25	234-B-25	6	400	800	50	335
R25/500 orange	959934	orange	25	234-B-25	5	400	800	50	310
R25/600 orange	959905	orange	25	234-B-25	6	400	800	50	335
R25/400 red	959924	red	25	234-B-25	4	400	800	50	285
R25/500 red	959925	red	25	234-B-25	5	400	800	50	310
R25/600 red	959926	red	25	234-B-25	6	400	800	50	335
R25/700 red	959927	red	25	234-B-25	7	400	800	50	360
R25/800 red	959928	red	25	234-B-25	8	400	800	50	385
R25/400 green	959949	green	25	234-B-25	4	400	800	50	285
R25/500 green	959935	green	25	234-B-25	5	400	800	50	310
R25/600 green	959945	green	25	234-B-25	6	400	800	50	335
R25/400 blue	959941	blue	25	234-B-25	4	400	800	50	285
R25/500 blue	959936	blue	25	234-B-25	5	400	800	50	310
R25/600 blue	959953	blue	25	234-B-25	6	400	800	50	335
R25/400 camouflage	959946	camouflage	25	234-B-25	4	400	800	50	285
R25/500 camouflage	959947	camouflage	25	234-B-25	5	400	800	50	310
R25/600 camouflage	959954	camouflage	25	234-B-25	6	400	800	50	335
R25/500 brown	959942	brown	25	234-B-25	5	400	800	50	310
R25/600 brown	959944	brown	25	234-B-25	6	400	800	50	335
R25/400 black	959948	black	25	234-B-25	4	400	800	50	285
R25/500 black	959937	black	25	234-B-25	5	400	800	50	310
R25/600 black	959943	black	25	234-B-25	6	400	800	50	335

**Belt systems with cam buckles and loops**  
 Zurrhurt mit Klemmschloss und Schlaufen - Sangles d'arrimage avec tendeur à griffes avec boucle  
 Sjorbanden met klemsluiting en met lussen

INOX/ RVS



IR25

Name & Material				Measurements				Additional Info		
Name	IdentNo.	Material	color	Webbing - mm	ratchet	l - m	EN12195-2-LC	BS - daN	Unit	Weight - g
IR25/400 B	958994	AISI304/ PES	black	25	234-I-25	4	400 daN	800	50	330
IR25/500 B	958995	AISI304/ PES	black	25	234-I-25	5	400 daN	800	50	355
IR25/600 B	958996	AISI304/ PES	black	25	234-I-25	6	400 daN	800	50	380



B25/0250L1,95



B45



B45

Name & Material			Measurements			Additional Info		
Name	IdentNo.	Color	Webbing - mm	Cambuckle	l - m	BS - daN	Unit	Weight - g
B25/0250L1,95	129115	orange	25	5702-25	1,95	250	1	78
B45/200	935130	white	45	6425	2	1000	1	230
B45/400	935131	white	45	6425	4	1000	1	350
B45/600	935132	white	45	6425	6	1000	1	470
B45/800	935133	white	45	6425	8	1000	1	590



# ***Chapter 7***

***Slings, round slings and lever hoist***

*Hebebänder, Hebezeug und Rundschlingen*

*Sangle d'arrimage plate/ronde et Palan à levier*

*Hijsbanden, Rondstroppen en Handkettingtakels*



HB-1000



HB-2000



HB-3000



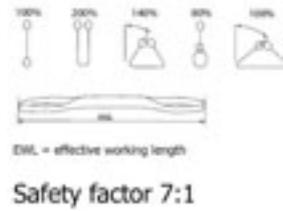
HB-4000



HB-5000



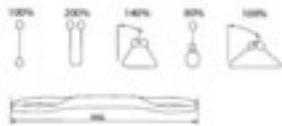
HB-6000



Name & Material				Measurements	Additional Info	
Name	IdentNo.	DIN	Color	Bandwidth - mm	SWL - daN	EWL - mm
HB-1000-1,00	959200	EN 1492-1	violet	30	1000	1000
HB-1000-2,00	959201	EN 1492-1	violet	30	1000	2000
HB-1000-3,00	959202	EN 1492-1	violet	30	1000	3000
HB-1000-4,00	959203	EN 1492-1	violet	30	1000	4000
HB-1000-5,00	959204	EN 1492-1	violet	30	1000	5000
HB-1000-6,00	959205	EN 1492-1	violet	30	1000	6000
HB-2000-2,00	959206	EN 1492-1	green	60	2000	2000
HB-2000-3,00	959207	EN 1492-1	green	60	2000	3000
HB-2000-4,00	959208	EN 1492-1	green	60	2000	4000
HB-2000-5,00	959209	EN 1492-1	green	60	2000	5000
HB-2000-6,00	959210	EN 1492-1	green	60	2000	6000
HB-2000-8,00	959211	EN 1492-1	green	60	2000	8000
HB-3000-2,00	959212	EN 1492-1	yellow	90	3000	2000
HB-3000-3,00	959213	EN 1492-1	yellow	90	3000	3000
HB-3000-4,00	959214	EN 1492-1	yellow	90	3000	4000
HB-3000-5,00	959215	EN 1492-1	yellow	90	3000	5000
HB-3000-6,00	959216	EN 1492-1	yellow	90	3000	6000
HB-3000-8,00	959217	EN 1492-1	yellow	90	3000	8000
HB-4000-2,00	959218	EN 1492-1	grey	120	4000	2000
HB-4000-3,00	959219	EN 1492-1	grey	120	4000	3000
HB-4000-4,00	959220	EN 1492-1	grey	120	4000	4000
HB-4000-5,00	959221	EN 1492-1	grey	120	4000	5000
HB-5000-4,00	959222	EN 1492-1	red	150	5000	4000
HB-5000-5,00	959223	EN 1492-1	red	150	5000	5000
HB-5000-6,00	959224	EN 1492-1	red	150	5000	6000
HB-5000-8,00	959225	EN 1492-1	red	150	5000	8000
HB-6000-4,00	959226	EN 1492-1	brown	180	6000	4000
HB-6000-5,00	959227	EN 1492-1	brown	180	6000	5000
HB-6000-6,00	959228	EN 1492-1	brown	180	6000	6000
HB-6000-8,00	959229	EN 1492-1	brown	180	6000	8000

# Round slings

Rundschlingen - Sangles d'arrimage ronde - Rondstroppen



EWL = effective working length

Safety factor 7:1

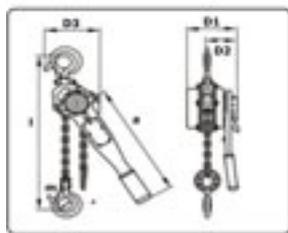
Name & Material				Measurements	Additional Info	
Name	IdentNo.	DIN	Color	Bandwidth - mm	SWL - daN	EWL - mm
RS-1000-0,50	959100	EN 1492-2	violet	40	1000	500
RS-1000-1,00	959101	EN 1492-2	violet	40	1000	1000
RS-1000-1,50	959102	EN 1492-2	violet	40	1000	1500
RS-1000-2,00	959103	EN 1492-2	violet	40	1000	2000
RS-1000-3,00	959104	EN 1492-2	violet	40	1000	3000
RS-1000-4,00	959105	EN 1492-2	violet	40	1000	4000
RS-2000-0,50	959106	EN 1492-2	green	50	2000	500
RS-2000-1,00	959107	EN 1492-2	green	50	2000	1000
RS-2000-1,50	959108	EN 1492-2	green	50	2000	1500
RS-2000-2,00	959109	EN 1492-2	green	50	2000	2000
RS-2000-2,50	959110	EN 1492-2	green	50	2000	2500
RS-2000-3,00	959111	EN 1492-2	green	50	2000	3000
RS-2000-4,00	959112	EN 1492-2	green	50	2000	4000
RS-3000-1,00	959113	EN 1492-2	yellow	55	3000	1000
RS-3000-1,50	959114	EN 1492-2	yellow	55	3000	1500
RS-3000-2,00	959115	EN 1492-2	yellow	55	3000	2000
RS-3000-3,00	959116	EN 1492-2	yellow	55	3000	3000
RS-3000-4,00	959117	EN 1492-2	yellow	55	3000	4000
RS-4000-1,50	959145	EN 1492-2	grey	60	4000	1500
RS-4000-2,00	959118	EN 1492-2	grey	60	4000	2000
RS-4000-2,50	959146	EN 1492-2	grey	60	4000	2500
RS-4000-3,00	959119	EN 1492-2	grey	60	4000	3000
RS-4000-4,00	959120	EN 1492-2	grey	60	4000	4000



DWL = effective working length

Safety factor 7:1

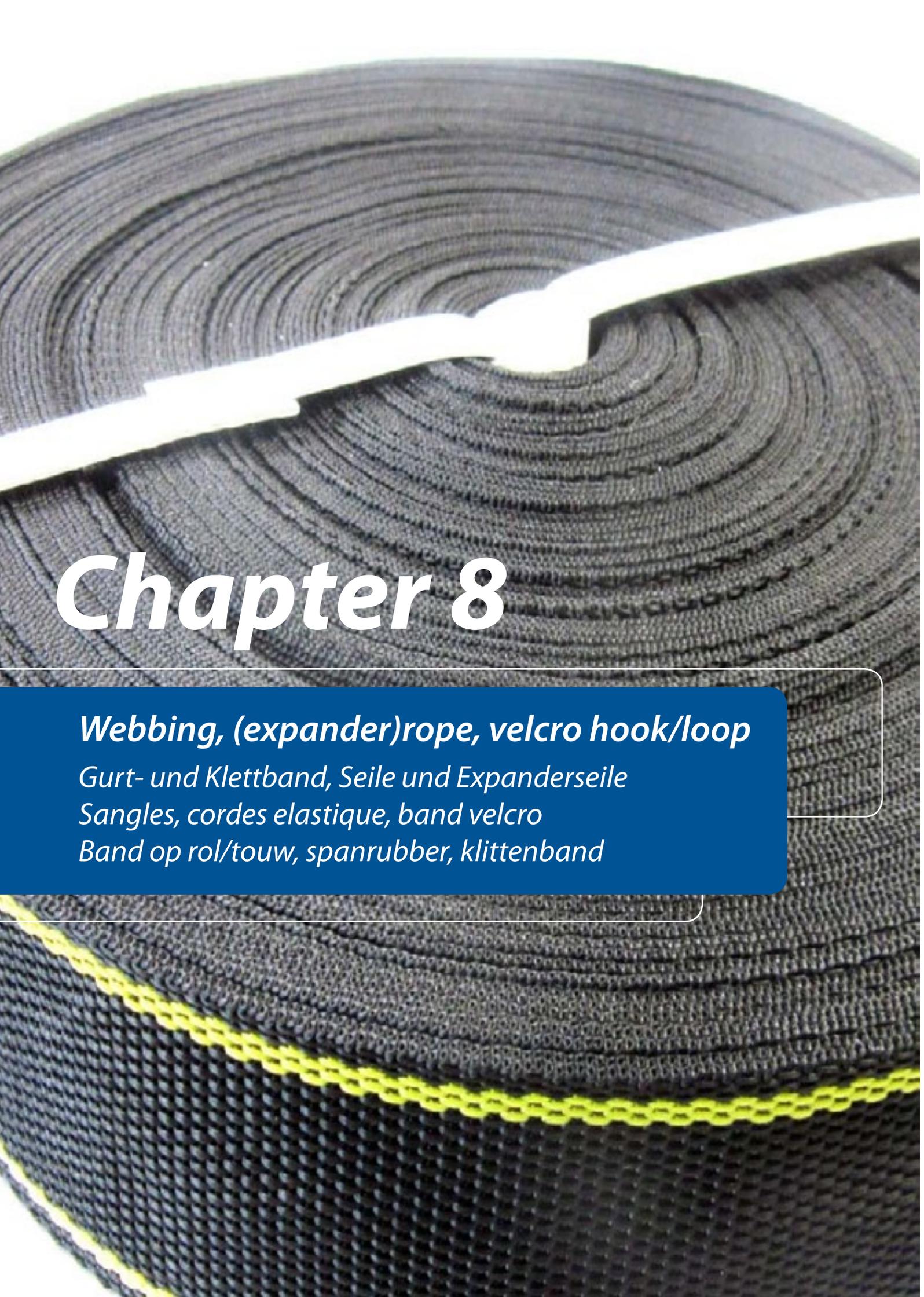
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Name	IdentNo.	DIN	Color	Bandwidth - mm	SWL - daN	EWL - mm
RS-5000-2,00	959121	EN 1492-2	red	70	5000	2000
RS-5000-3,00	959122	EN 1492-2	red	70	5000	3000
RS-5000-4,00	959123	EN 1492-2	red	70	5000	4000
RS-6000-1,50	959150	EN 1492-2	brown	83	6000	1500
RS-6000-2,00	959124	EN 1492-2	brown	83	6000	2000
RS-6000-2,50	959147	EN 1492-2	brown	83	6000	2500
RS-6000-3,00	959125	EN 1492-2	brown	83	6000	3000
RS-6000-4,00	959126	EN 1492-2	brown	83	6000	4000
RS-8000-2,00	959148	EN 1492-2	blue	85	8000	2000
RS-8000-2,50	959149	EN 1492-2	blue	85	8000	2500
RS-8000-3,00	959127	EN 1492-2	blue	85	8000	3000
RS-8000-4,00	959128	EN 1492-2	blue	85	8000	4000
RS-10000-3,00	959129	EN 1492-2	orange	112	10000	3000
RS-10000-4,00	959130	EN 1492-2	orange	112	10000	4000



Standard lift: 1,5m - Strands (chain): 1

Standard lift: 3m - Strands (chain): 1

Name & Material			Measurements							Additional Info			
Name	IdentNo.	Color	Dimensions	d - mm	a - mm	D1 - mm	D2 - mm	D3 - mm	m - mm	l - mm	SWL - daN	Unit	Weight - g
LH-LEVER-01	959090	blue	Chain 6 mm	40	280	148	90	136	27	320	1000	1	7000
LH-LEVER-03	959091	blue	Chain 10 mm	50	410	200	115	180	38	480	3000	1	17500
						D1 - mm		D3 - mm	m - mm	l min. - mm			
CH-Chain Block 1	959096	blue	Chain 6 mm	40	x	151	x	154	27	383	1000	1	11000
CH-Chain Block 3	959097	blue	Chain 10 mm	55	x	176	x	220	39	554	3000	1	32000



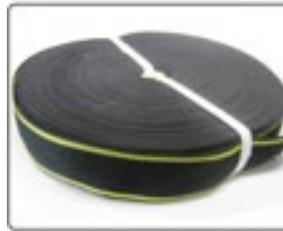
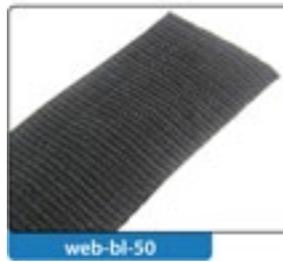
# *Chapter 8*

*Webbing, (expander)rope, velcro hook/loop*

*Gurt- und Klettband, Seile und Expanderseile*

*Sangles, cordes elastique, band velcro*

*Band op rol/touw, spanrubber, klittenband*



Name & Material				Measurements		Additional Info		
Name	IdentNo.	Material	Color	Dimensions - mm	Webbing - mm	BS - daN	Unit	Weight - g
WEB-WH-25	971220	PES	white	25x1.0	25	1100	100m roll	25g/m
WEB-B-25	971221	PP	black	25x1.3	25	270	50m roll	15g/m
web-bl-50	971201	PP	black	50 x 1,4	50	300	50m roll	24g/m
web-wh-50	971202	PP	white	50 x 1,4	50	300	50m roll	24g/m
web-bl-50 H	971203.01	PP	black	50 x 1,8	50	500	50m roll	38g/m
web-bl-50 Y	971204	PP	black-yellow	50 x 1,4	50	300	50m roll	24g/m



Name & Material				Measurements	Additional Info		
Name	IdentNo.	Material	Color	rope-d - mm	BS - daN	Unit	Weight - g
NY-2MM	980141	nylon	white	2	85	100m/roll	1g/m
NY-3MM	980142	nylon	white	3	156	100m/roll	3g/m
NY-4MM	980143	nylon	white	4	260	100m/roll	8g/m
NY-5MM	980144	nylon	white	5	420	100m/roll	10g/m
NY-6MM	980145	nylon	white	6	575	100m/roll	19g/m
NY-8MM	980146	nylon	white	8	950	100m/roll	35g/m
NY-10MM	980147	nylon	white	10	1300	100m/roll	39g/m

# Webbing / Expander rope / Velcro hook/loop

Seile / Expanderseil / Klettband- Cordes / Cordes elastique / Bande velcro - Touw / Spanrubber / Klittenband



ROPE-PP8



PP-8MM-B



PP-8MM-OG



PP-8MM-SC



reel

PP-8MM

Name & Material				Measurements			Additional Info		
Name	IdentNo.	Material	Color	rope-d - mm			BS - daN	Unit	Weight - g
PP-8MM-R	980158	PP	red	8			200	200m/roll	19g/m
PP-8MM-B	980155	PP	blue	8			200	200m/roll	19g/m
PP-8MM-OG	980156	PP	olive-green	8			200	200m/roll	19g/m
PP-8MM-SC	980157	PP	black	8			200	200m/roll	19g/m



EXP-150-G



EXP-150-B



EXP-150-O



EXP-65-B

Name & Material			Measurements						Additional Info	
Name	IdentNo.	Color	rope-d - mm	no	Hook	Hook - mm	l min. - mm	l max. - mm	Unit	Weight - g
EXP-150-G	980160	green	5	Loop-Ø 140 mm	S-Hook	60	230	400	100	20
EXP-150-B	980172	black	5	Loop-Ø 140 mm	S-Hook	60	230	400	100	20
EXP-150-O	980171	olive-green	5	Loop-Ø 140 mm	S-Hook	60	230	400	100	20
EXP-65-B	980174	black	5,5	Loop-Ø 65 mm	S-Hook	60	155	240	100	28



set

VEL-50-BL

Name & Material				Measurements		Additional Info	
Name	IdentNo.	Material	Color	Webbing - mm		Unit	Weight - g
VEL-50 BL 1	971206	Nylon	black	50		2x25m roll	71g/m
VEL-50 BL 2	971205	Nylon	black	50		2x25m roll	71g/m



Name & Material				Measurements	Additional Info		
Name	IdentNo.	Material	Color	rope-d - mm	BS - daN	Unit	Weight - g
PP-2-SC	980220	PP	black	2	50	30 m	3 g/m
PP-4-SC	980221	PP	black	4	80	30 m	6 g/m
PP-6-SC	980222	PP	black	6	100	30 m	10 g/m
PP-8-SC	980223	PP	black	8	150	30 m	18 g/m
PP-10-SC	980224	PP	black	10	220	30 m	22 g/m
PP-2-R	980210	PP	red	2	50	30 m	3 g/m
PP-4-R	980211	PP	red	4	80	30 m	6 g/m
PP-6-R	980212	PP	red	6	100	30 m	10 g/m
PP-8-R	980213	PP	red	8	150	30 m	18 g/m
PP-10-R	980214	PP	red	10	220	30 m	22 g/m
PP-2-W	980230	PP	white	2	50	30 m	3 g/m
PP-4-W	980231	PP	white	4	80	30 m	6 g/m
PP-6-W	980232	PP	white	6	100	30 m	10 g/m
PP-8-W	980233	PP	white	8	150	30 m	18 g/m
PP-10-W	980234	PP	white	10	220	30 m	22 g/m



Name & Material				Measurements	Additional Info		
Name	IdentNo.	Material	Color		rope-d - mm	BS - daN	Unit
PP-2-B	980240	PP	blue	2	50	30 m	3 g/m
PP-4-B	980241	PP	blue	4	80	30 m	6 g/m
PP-6-B	980242	PP	blue	6	100	30 m	10 g/m
PP-8-B	980243	PP	blue	8	150	30 m	18 g/m
PP-10-B	980244	PP	blue	10	220	30 m	22 g/m
PP-2-GR	980250	PP	green	2	50	30 m	3 g/m
PP-4-GR	980251	PP	green	4	80	30 m	6 g/m
PP-6-GR	980252	PP	green	6	100	30 m	10 g/m
PP-8-GR	980253	PP	green	8	150	30 m	18 g/m
PP-10-GR	980254	PP	green	10	220	30 m	22 g/m
PP-2-GE	980260	PP	yellow	2	50	30 m	3 g/m
PP-4-GE	980261	PP	yellow	4	80	30 m	6 g/m
PP-6-GE	980262	PP	yellow	6	100	30 m	10 g/m
PP-8-GE	980263	PP	yellow	8	150	30 m	18 g/m
PP-10-GE	980264	PP	yellow	10	220	30 m	22 g/m



# Chapter 9

***Tools and padlock***  
*Werkzeuge und Schlösser*  
*Outils et Serrures*  
*Gereedschap en Sloten*

# Cable swager / Wire rope cutter / Padlock / Case fastener

Pressklemm-, Drahtseilzange/Rundschloss/Koffer-Verschluss - Cable Pincette/Ciseaux de cable/Serrure/Case fastener  
Kabelklemtang / Staalkabelknipschaar / Slot / Kist Sluitting



3094-1



3094-2-6



3095-1-4

Name & Material		Measurements		Additional Info
Name	IdentNo.	Dimension - mm	l - mm	Unit
3094-1	970001	0,5-2,2	250	1
3094-2	970002	2-4	350	1
3094-3	970003	2-5	600	1
3095-1-4	970010	1-4	x	1



INOX

DS 70

Name & Material				Measurements	Additional Info	
Name	IdentNo.	Material	Color	d - mm	Unit	Weight - g
DS 70	988001	A2	silver	70	12	x



# *Chapter 10*

*Plastic parts*

*Kunststoffartikel*

*Plastique pour sangles*

*Kunststof onderdelen*

# Side release buckle / Square loop / Slide double

Gurtschnalle/Steckschnalle/Schlaufen einfach-doppelt - Boucle/Passant simple-double plastique  
Gespluïting / Gesp / Gesp dubbel



Name & Material			
Name	IdentNo.	Material	Color
20-2-POM	950054	KS	black
25-2-POM	950052	KS	black
30-2-POM	950057	KS	black
35-2-POM	950150	KS	black
50-2-POM	950053	KS	black

Measurements			
Webbing - mm	d - mm	D - mm	l - mm
20	4	27	55
25	4	33	62
30	4	38	68
35	4	45	71
50	4	60	80

Additional Info	
Unit	Weight - g
100	6
100	8
100	14
100	20
100	28



Name & Material			
Name	IdentNo.	Material	Color
15-POM	940048	KS	black
20-POM	940046	KS	black
25-POM	940049	KS	black
30-POM	940151	KS	black
35-POM	940152	KS	black
50-POM	940050	KS	black

Measurements			
Webbing - mm	d - mm	D - mm	l - mm
15	6	15	22
20	6	15	27
25	7	16	34
30	7	18	40
35	7	20	48
10	7	21	61

Additional Info	
Unit	Weight - g
100	2
100	3
100	3
100	3
100	3
100	4



Name & Material			
Name	IdentNo.	Material	Color
20-D-POM	940054	KS	black
25-D-POM	940052	KS	black
30-D-POM	940153	KS	black
35-D-POM	940154	KS	black
50-D-POM	940053	KS	black

Measurements			
Webbing - mm	d - mm	D - mm	l - mm
20	4,3	23	28
25	4	23	33
30	4	28	40
35	5	30	45
50	5	33	60

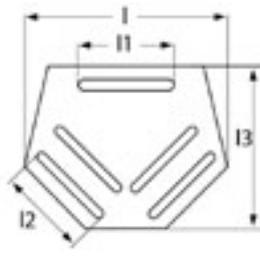
Additional Info	
Unit	Weight - g
100	4
100	4
100	5
100	5
100	6



45



45-55-bl



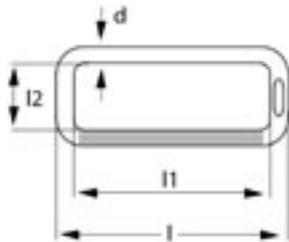
Name & Material				
Name	IdentNo.	Material	Surface	Color
45-55	940020	KS	fb	blue
45-55-bl	940060	KS	bl	black

Measurements				
d - mm	l1 - mm	l2 - mm	l3 - mm	l - mm
4	55	45	87	104
4	55	45	87	104

Additional Info	
Unit	Weight - g
50	22
100	22



45-16-bl



Name & Material				
Name	IdentNo.	Material	Surface	Color
45-16-bl	940027	KS	bl	black

Measurements		
d - mm	l1 - mm	l - mm
2,2	47	52

Additional Info	
Unit	Weight - g
100	2

# Chapter 11

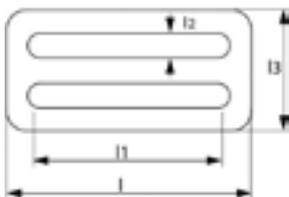
*Animalequipment, Gardenequipment, Slackline*

*Tier, Garten, Freizeit*

*Accessoires du jardin et des animaux, Slacklines*

*Dier en Tuin toebehoren, Slacklines*

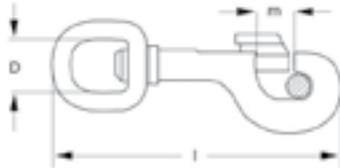




Name & Material				Measurements								Additional Info	
Name	IdentNo.	Material	Surface	Bandwidth - mm	d - mm	D1 - mm	l1 - mm	l2 - mm	l3 - mm	l - mm	Unit	Weight - g	
8250	940040	NO	vn	50	2,5	x	50	6	15,5	62	250	30	
8240	940041	NO	vn	50	3	x	50	6	32	64	250	30	
G-20-NP	931824	NO	vn	20	4	x	20	7,5	27	28	100	8	
G-25 NP	931825	NO	vn	25	4	x	25	7,5	27,5	34	100	9	
HR-2F-25	965000	NO	vn	25	2,3	32	26	5	54	54	50	24	
HR-3F-25	965001	ZD	vn	25	5	28x32	27	6	53	60	50	38	
CONWAY 16MM	965002	ZD	vn	16	3	x	17	12	37	22	50	6	
CONWAY 25MM	965003	ZD	vn	25	4	x	26	15	53	33	50	19	
CONWAY I-17MM	965004	A2	po	17	3	x	17	13	39	12	50	12	
200-I-23	931809	A2	po	23	5	x	23	30	40	33	200	18	
200-I-20	931807	A2	po	20	5	x	20	26	35	30	200	15	
32-5	931806	NO	vz	30	5	x	32	17	47	42	100	36	
6245-25	940005	NO	vz	25	3	x	25	6	30	35	100	15	

# Snap hook

Karabinerhaken - Mousqueton - Karabijnhaak



Name & Material				Measurements			Additional Info	
Name	IdentNo.	Material	Surface	D - mm	m - mm	l - mm	Unit	Weight - g
1855-30	904893	TG	vn	30	13	96	10	147
1875-30	904892	TG	vz	30	13	96	10	147
1855-25 R	904888	TG	vn	25	13	107	10	147



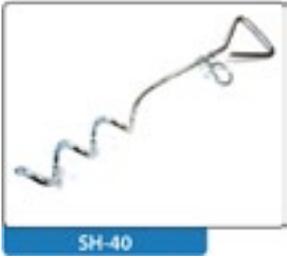
HL-10 BL



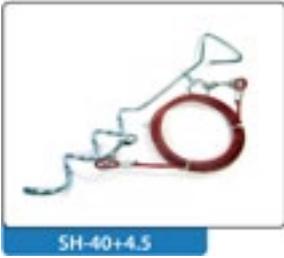
HL-10 BR



HL-10 OG



SH-40



SH-40+4.5

Name & Material				Measurements					Additional Info	
Name	IdentNo.	Material	Surface	Bandwidth	NO	Hook	hook - mm	l - mm	Unit	Weight - g
HL-10 BL	935025	PP	black	20	loop 20cm	nickle plated	70	10	50	180
HL-10 BR	935026	PP	brown	20	loop 20cm	nickle plated	70	10	50	180
HL-10 OG	935027	PP	olive-green	20	loop 20cm	nickle plated	70	10	50	180
SH	935028	NO	vz	max.65	ring 30mm	x	x	0.4	50	290
SH-40+4.5	935028.01	NO	vz	x	wire length 4.5m	nickle plated	68	0.4	50	510

# Traps / Slacklines

Fallen / Slacklines - Captures / Slacklines - Vallen / Slackline



1800



1810



1820



1830

Name & Material				Measurements	Additional Info	
Name	IdentNo.	Material	Surface	Dimension - mm	Unit	Weight - g
1800	170001	NO	vz	260x155x45	12	565
1810	170002	NO	vz	260x155x45	16	453
1820	170003	NO	vz	180x105x45	40	310
1830	170004	NO	x	98x47x55	24	42



