

NIETEN, HAKEN UND BERIEMUNG

RIVETS, HOOKS AND STRAPPING



HOHLNIETEN - L = 6 mm , Ø = 6 mm

HOLLOW RIVETS - L = 6 mm , Ø = 6 mm

Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Ausführung design	Material material
121045	2.500	6,0	6,0	doppelcalott doublecalott	Messing vernickelt brass nickel-plated



HOHLNIETEN - L = 10 mm , Ø = 10 mm

HOLLOW RIVETS - L = 10 mm , Ø = 10 mm

Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Ausführung design	Material material
121022	2.500	10,0	10,0	einfachcalott singlecalott	verzinkt zinc plated
121023	2.500	10,0	10,0	doppelcalott doublecalott	verzinkt zinc plated
121024	2.500	10,0	10,0	doppelcalott doublecalott	Messing brass
121025	2.500	10,0	10,0	doppelcalott doublecalott	Messing vernickelt brass nickel-plated
121093	2.500	10,0	10,0	doppelcalott doublecalott	Messing schwarz brüniert brass black burnished



HOHLNIETEN - L = 12 mm , Ø = 13 mm

HOLLOW RIVETS - L = 12 mm , Ø = 13 mm

Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Ausführung design	Material material
121013	2.500	13,0	12,0	einfachcalott singlecalott	verzinkt zinc plated
121014	2.500	13,0	12,0	doppelcalott doublecalott	verzinkt zinc plated
121028	2.500	13,0	12,0	einfachcalott singlecalott	Messing brass
121053	2.500	13,0	12,0	doppelcalott doublecalott	Messing brass
121029	2.500	13,0	12,0	einfachcalott singlecalott	Messing vernickelt brass nickel-plated
121017	2.500	13,0	12,0	doppelcalott doublecalott	Messing vernickelt brass nickel-plated
121060	2.500	13,0	12,0	doppelcalott doublecalott	Messing schwarz brüniert brass black burnished

Einfachcalott
Single calott

Doppelcalott
Double calott





HOHLNIETEN - L = 14 mm , Ø = 13 mm

HOLLOW RIVETS - L = 14 mm, Ø = 13 mm

Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Ausführung design	Material material
121026	2.500	13,0	14,0	einfachcalott singlecalott	verzinkt zinc plated
121027	2.500	13,0	14,0	doppelcalott doublecalott	verzinkt zinc plated
121094	2.500	13,0	14,0	doppelcalott doublecalott	Messing vernickelt brass nickel-plated

SELBSTLOCHENDE NIETEN

SELF-PIERCING RIVETS



Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Material material
121057	1.000	9,2	9,0	Messing vernickelt brass nickel-plated
121095	1.000	9,2	10,5	Messing vernickelt brass nickel-plated

INFO: die Länge der Hohlrieten sollte in etwa 3 mm länger sein als die Stärke des zu vernietenden Materials.

INFO: the length of the hollow rivets should be about 3 mm longer than the thickness of the material to be riveted.

POLYGRIP MEHRBEREICHBLINDNIETEN - Kopf Ø = 9,5 mm

POLYGRIP MULTIRANGE BLIND RIVETS - head Ø = 9,5 mm



Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Klemmbereich clamping area	Material material
121030	500	4,8	10,3	1,6 - 6,4	Alu-Stahl alu-steel
121031	500	4,8	15,1	4,5 - 11,0	Alu-Stahl alu-steel
121032	500	4,8	10,3	1,6 - 6,4	Alu-NIROSTA alu-inox
121033	500	4,8	16,0	6,5 - 13,0	Alu-NIROSTA alu-inox

POLYGRIP MEHRBEREICHBLINDNIETEN - Großkopf Ø = 16 mm

POLYGRIP MULTIRANGE BLIND RIVETS - large head Ø = 16 mm



Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Klemmbereich clamping area	Material material
121034	500	4,8	10,3	1,6 - 6,4	Alu-Stahl alu-steel
121082	500	4,8	12,0	4,8 - 11,0	Alu-Stahl alu-steel
121035	500	4,8	17,0	6,5 - 12,5	Alu-Stahl alu-steel
121036	500	4,8	10,5	1,5 - 6,0	Alu-NIROSTA alu-inox
121037	500	4,8	16,9	6,5 - 12,5	Alu-NIROSTA alu-inox



BLINDNIETEN - Kopf Ø = 9 mm

BLIND RIVETS - head Ø = 9 mm

Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Klemmbereich clamping area	Material material
121055	1.000	4,0	8	3,0 - 5,0	Alu-Stahl <i>alu- steel</i>
121056	500	4,0	12	6,5 - 8,5	Alu-Stahl <i>alu- steel</i>
121038	500	4,8	6	1,0 - 3,0	Alu-Stahl <i>alu- steel</i>
121039	500	4,8	8	3,0 - 4,5	Alu-Stahl <i>alu- steel</i>
121040	500	4,8	10	4,5 - 6,0	Alu-Stahl <i>alu- steel</i>
121041	500	4,8	12	6,0 - 8,0	Alu-Stahl <i>alu- steel</i>
121042	500	4,8	14	8,0 - 10,0	Alu-Stahl <i>alu- steel</i>
121043	500	4,8	21	14,0 - 17,0	Alu-Stahl <i>alu- steel</i>



DICHTBLINDNIETEN - Kopf Ø = 9,5 mm

DENSE BLIND RIVETS - head Ø = 9,5 mm

Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Klemmbereich clamping area	Material material
121044	500	4,8	11,0	5,0 - 6,5	Alu-Stahl <i>alu- steel</i>



HOCHFESTER NIET - zum Vernieten von Spannern und Rollen

STRONG RIVET - for riveting of buckles and rollers

Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Klemmbereich clamping area	Material material
121051	250	6,4	14,5	6,8 - 8,8	Stahl <i>steel</i>
121084	250	6,4	16,0	8,0 - 11,0	Stahl <i>steel</i>
121052	250	6,4	14,5	5,0 - 6,5	NIROSTA <i>inox</i>



ALU-VOLLNIETEN -

für Zollbeschläge und Ladungssicherungsplanen - Kopf Ø = 9 mm (DIN 674)

ALU-SOLID RIVETS - for custom fittings and load securing tarpaulins - head Ø = 9 mm

Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Klemmbereich clamping area	Material material
121062	1.000	5,0	8,0	2,0 - 4,5	Aluminium <i>alu</i>
121063	1.000	5,0	10,0	4,0 - 6,5	Aluminium <i>alu</i>
121064	1.000	5,0	12,0	6,0 - 8,5	Aluminium <i>alu</i>
121065	1.000	5,0	15,0	9,0 - 11,5	Aluminium <i>alu</i>
121066	1.000	5,0	20,0	12,0 - 16,5	Aluminium <i>alu</i>
121067	1.000	5,0	30,0	22,0 - 26,5	Aluminium <i>alu</i>
121068	1.000	5,0	35,0	25,0 - 30,0	Aluminium <i>alu</i>

ZERTIFIZIERT
CERTIFIED

NIETEN UND GEGENPLATTEN

RIVETS AND BACK PLATES

ZERTIFIZIERT
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ALU-RIEMENNIETEN - für Zollbeschläge - Kopf Ø = 11,0 mm (DIN 675)

ALU-STRAP RIVETS - for custom fittings - head Ø = 11,0 mm

Art.-Nr. art.no.	VE unit	Ø (mm) Ø	L (mm) length	Klemmbereich clamping area	Material material
121075	1.000	4,0	8,0	2,0 - 4,5	Aluminium alu
121070	1.000	4,0	10,0	4,0 - 6,5	Aluminium alu
121071	1.000	4,0	12,0	6,0 - 8,5	Aluminium alu
121072	1.000	4,0	15,0	9,0 - 11,5	Aluminium alu
121073	1.000	4,0	18,0	10,0 - 14,5	Aluminium alu
121074	1.000	4,0	20,0	12,0 - 16,5	Aluminium alu



NIETSCHLEIBEN 1-Loch

BACK PLATES 1-hole

Art.-Nr. art.no.	VE unit	Ø Außen (mm) Ø outside	Ø Loch (mm) Ø hole	Materialstärke (mm) thickness	Material material
121069	1.000	15,0	5,0	1,0	verzinkt zinc plated
121076	1.000	12,0	4,0	1,0	verzinkt zinc plated
121077	1.000	12,0	4,0	1,0	Aluminium alu

... für Vollnieten

... for solid rivets

121069	1.000	15,0	5,0	1,0	verzinkt	zinc plated
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... für Alu - Riemenrieten

... for alu strap rivets

121076	1.000	12,0	4,0	1,0	verzinkt	zinc plated
121077	1.000	12,0	4,0	1,0	Aluminium	alu

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UNTERLEGSCHIEBEN FÜR BLINDNIETEN -

zertifiziert für Ladungssicherungsplanen

WASHER FOR BLIND RIVETS - accredited for load securing tarpaulins

Art.-Nr.	VE	Ø Außen (mm)	Ø Loch (mm)	Materialstärke (mm)	Material
art.no.	unit	Ø outside	Ø hole	thickness	material
121061	1.000	10,0	5,3	1,0	verzinkt zinc plated
121046	1.000	25,0	6,8	1,0	verzinkt zinc plated



NIETUNTERLAGEN AUS RIEMENMATERIAL - 2,1 mm stark

BACK PLATES made from strap material - material thickness 2,1 mm

Art.-Nr.	VE	Lochabstand (mm)	Ausführung	Farbe
art.no.	unit	hole spacing	design	color
121008	1.000	-----	1-Loch 1-hole	weiß white
121003	1.000	-----	1-Loch 1-hole	beige beige
121096	1.000	-----	1-Loch 1-hole	schwarz black
121004	500	20,0	2-Loch 2-hole	beige beige
121007	500	20,0	2-Loch 2-hole	weiß white
121005	500	25,0	2-Loch 2-hole	beige beige
121020	500	25,0	2-Loch 2-hole	weiß white



NIETUNTERLAGEN aus Kunststoff PE - 2,5 mm stark

BLACK PLATES made of plastic PE - 2,5 mm thick

Art.-Nr.	VE	Lochabstand (mm)	Ausführung	Farbe
art.no.	unit	hole spacing	design	color
121001	1.000	-----	1-Loch 1-hole	transparent transparent
121012	500	20,0	2-Loch 2-hole	transparent transparent
121097	500	25,0	2-Loch 2-hole	transparent transparent
121002	500	34,0	2-Loch 2-hole	transparent transparent
121006	500	51,0	2-Loch 2-hole	transparent transparent



NIETUNTERLAGEN MIT SELBSTLOCHENDEN NIETEN

mit einer Trägerplatte aus hochwertigem Kunststoff PA 6 und Nieten in Messing vernickelt

BACK PLATES with self-piercing rivets

with a carrier plate made of high-quality plastic PA 6 and brass nickel-plated rivets

Art.-Nr art.no.	VE unit	Lochabstand (mm) hole spacing	Niethöhe (mm) rivet height	Farbe color
121009	500	20,0	12,0	silber silver
121010	500	20,0	12,0	transparent transparent
121098	500	20,0	9,0	transparent transparent
121099	500	34,0	12,0	transparent transparent
121015	500	51,0	9,0	transparent transparent

passende Handeinsetzwerkzeuge finden Sie ab S.124.

suitable insertion tools can be found from page 124 on.



PLASTIKSCHEIBE

PLASTIC PLATES

Art.-Nr art.no.	VE unit	Ø Außen (mm) Ø outside	Ø Loch (mm) Ø hole	Farbe color
121088	100	40,0	2,0	weiß white
121089	100	40,0	3,0	weiß white



NIETUNTERLAGE

BACK PLATE

Art.-Nr art.no.	VE unit	Ø Außen (mm) Ø outside	Ø Loch (mm) Ø hole	Farbe color
121087	100	18,0	4,0	grau grey



K-NIETUNTERLAGE

K-BACK PLATE

Art.-Nr. art.no.	VE unit	Lochabstand (mm) hole spacing	Farbe color
121090	100	25,0	grau grey



K-NIETUNTERLAGE

K-BACK PLATE

Art.-Nr. art.no.	VE unit	Lochabstand (mm) hole spacing	Farbe color
121086	100	34,0	grau grey

ZERTIFIZIERT
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GEGENPLATTEN TWINFIX*

Gegenplatte mit Schrauben und selbstsichernden Muttern M6 NIROSTA. Perfekt zum Verschrauben von Rollen und Spannern geeignet.

*COUNTER PLATES Twinfix**
a back plate with screws and self-securing nuts M6 NIROSTA. Perfect for screwing of rollers and turnbuckles.

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Schrauben -L (mm) screw-length	Material material
121011	100	45,0	20,0	28,0	12,0	NIROSTA inox
121019	100	45,0	20,0	28,0	14,0	NIROSTA inox
121100	100	45,0	45,0	28,0	16,0	NIROSTA inox

lose selbstsichernde Muttern M6

loose self-securing nuts M6

121101	100					NIROSTA inox
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* zertifiziert für Ladungssicherungsplanen

* certified for load securing tarpaulins



KUNSTSTOFFGEGENPLATTEN

mit zwei Schrauben und selbstsichernden Muttern M6 Nirosa

COUNTER PLATES

with two screws and self-securing nuts M6 inox

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Material material
121102	100	53,0	25,0	28,0	Kunststoff - schwarz plastic - black



GEGENPLATTEN NIROSTA - mit M6 Muttern und Sperrverzahnung

COUNTER PLATES INOX - with M6 nuts and interlocking

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Materialstärke (mm) thickness	Material material
121103	100	45,0	20,0	28,0	6,8	verzinkt zinc plated

lose selbstsichernde Muttern M6 mit Sperrverzahnung

loose self-securing nuts M6 with interlocking

121104	100	NIROSTA	inox
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ZERTIFIZIERT
CERTIFIED



GEGENPLATTEN*

COUNTER PLATES*

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Stärke (mm) thickness	Material material
121079	100	34,0	18,0	20,0	6,8	verzinkt zinc plated
121047	100	34,0	18,0	20,0	6,8	NIROSTA inox
121080	100	45,0	20,0	25,0	6,8	verzinkt zinc plated
121021	100	45,0	20,0	28,0	6,8	NIROSTA inox
121081	100	50,0	15,0	34,0	5,0	verzinkt zinc plated
121048	100	50,0	15,0	34,0	5,0	NIROSTA inox
121054	100	70,0	20,0	51,0	5,0	verzinkt zinc plated

*zertifiziert für Ladungssicherungsplanen

*certified for load securing tarpaulins



PLANENHAKEN KUNSTSTOFF - Polyamid 6

TARPAULIN HOOKS plastic - polyamide 6

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Farbe color
122001	100 1.000	66,0	20,0	20,0	weiß white
122003	100 1.000	66,0	20,0	20,0	dunkel- grau dark-grey
122004	100 1.000	66,0	20,0	20,0	schwarz black



PLANENHAKEN KUNSTSTOFF - offen / rund

TARPAULIN HOOK plastic - open / round

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Material material	Farbe color
122081	100	66,0	20,0	20,0	Polyamid PA 6 polyamide PA 66	weiß white
122086	100	66,0	20,0	20,0	Polyamid PA 6 polyamide PA 6	silber silver



RUNDLOCHPLANENHAKEN - für Seile bis Ø 16 mm

CIRCLE TARPAULIN HOOKS - for cables up to Ø 16 mm

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Material material	Farbe color
122068	100	66,0	20,0	20,0	Polyamid PA 6 polyamide PA 6	weiß white
122035	100	66,0	20,0	20,0	Polyamid PA 6 polyamide PA 6	silber silver



PLANENHAKEN Metall

TARPAULIN HOOKS metal

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Material material	Farbe color
122005	100	51,0	13,0	20,0	verzinkt	zinc plated
122006	100	65,0	15,0	20,0	verzinkt	zinc plated
122007	100	68,0	20,0	20,0	verzinkt	zinc plated



PLANENHAKEN Metall

TARPAULIN HOOKS metal

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Material material	Farbe color
122024	100	50,0	13,0	20,0	NIROSTA	inox
122025	100	60,0	15,0	20,0	NIROSTA	inox
122026	100	63,0	20,0	20,0	NIROSTA	inox



RUNDLOCHPLANENHAKEN Metall - für Seile bis Ø 10 mm

ROUND-HOLE HOOKS metal - for cables up to Ø 10 mm

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Material material
122029	100	60,0	15,0	20,0	Stahl verzinkt steel zinc plated



DREILOCHPLANENHAKEN

THREE-HOLE TARPAULIN HOOKS

Art.-Nr. art.no.	VE unit	LA a. (mm) hole spacing a.	LA b. (mm) hole spacing b.	Material material
122030	100	20,0	28,0	Kunststoff - grau plastic - grey
122044	100	20,0	28,0	Stahl - verzinkt steel - zinc plated
122058	100	20,0	28,0	Temperguss - feuerverzinkt malleable iron - fire zinc plated



KOMBIRINGHAKEN 3-Loch

COMBI-CIRCLE HOOKS 3-hole

Art.-Nr. art.no.	VE unit	LA a. (mm) hole spacing a.	LA b. (mm) hole spacing b.	Material material
122070	100	26,0	31,0	feuerverzinkt hot dip galvanized
122069	100	24,0	28,0	Kunststoff-silber plastic - silver



RINGHAKEN 2-Loch

CIRCLE HOOK 2-hole

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Material material
122079	100	50,0	50,0	30,0	Kunststoff - weiß plastic - white



ABSPANNHAKEN

GUYING HOOKS

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing	Material material
122014	100	65,0	20,0	45,0	verzinkt zinc plated
122090	100	40,0	48,0	34,0	verzinkt zinc plated



ohne Werkzeug montierbar
can be mounted without any tools

EXPANDERDOPPELHAKEN

DOUBLE HOOKS for elastic cables

Art.-Nr. art.no.	VE unit	Einsatz application	Material material
122082	100	für Seile bis Ø 8 mm for cables up to Ø 8 mm	Kunststoff - weiß plastic - white
122076	100	für Seile bis Ø 8 mm for cables up to Ø 8 mm	Kunststoff - schwarz plastic - black



ZURRGURTHAKEN - verzinkt

LASHING STRAP HOOKS - zinc plated

Art.-Nr. art.no.	VE unit	B (mm) width	Ausführung design	Material material
122092	1	25,0	Drahhaken	wire hook
122093	1	35,0	Drahhaken	wire hook
122094	1	50,0	Drahhaken	wire hook
122095	1	58,0	Klauenhaken	claw hook
122096	1	50,0	Karabinerhaken	carabine hook



DRAHTHAKEN

RAVE HOOK

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Höhe (mm) height	Stärke (mm) thickness	Material material
122015	100	50,0	25,0	35,0	5,0	feuerverzinkt hot dip galvanized



TORNISTERHAKEN Loch Ø = 7 mm

KNAPSACK HOOK hole Ø = 7 mm

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Höhe (mm) height	Stärke (mm) thickness	Material material
122072	100	50,0	27,0	15,0	4,0	verzinkt zinc plated



S-HAKEN

S-HOOKS

Art.Nr. art.no.	VE unit	L (mm) length	Stärke (mm) thickness	Material material	
122008	100	30,0	3,0	verzinkt	zinc plated
122009	100	40,0	3,8	verzinkt	zinc plated
122010	100	45,0	4,5	verzinkt	zinc plated
122011	100	60,0	6,0	verzinkt	zinc plated
122021	100	35,0	4,0	NIROSTA	inox

EINHÄNGEHAKEN

SUSPENSION HOOK



Art.Nr. art.no.	VE unit	L (mm) length	Stärke (mm) thickness	Material material	
122013	100	50,0	4,0	verzinkt	zinc plated

EINHÄNGEHAKEN - einseitig geschlossen

SUSPENSION HOOK - one side closed



Art.Nr. art.no.	VE unit	L (mm) length	Stärke (mm) thickness	Material material	
122097		47,0	3,5	verzinkt	zinc plated

FAHNENHALTER

FLAG HOLDER



Art.Nr. art.no.	VE unit	L (mm) length	B (mm) width	Einsatz application	Material material
122027	100	42,0	23,0	für 10 mm Gurtband for 10 mm webbing	Kunststoff - weiß plastic - white

Perfekt geeignet ist hierfür Art.161020 Gurtband Polyester für Fahnenhalter.
Weitere Gurt- und Einfassbänder finden Sie auf Seite 115

Perfect suitable for this flag holder is webbing belt - article number 161020.
You can find other webbing and flat belts on page 115



HALBRUNDRING Kunststoff

SEMICIRCULAR RINGS made from plastic

Art.Nr. art.no.	VE unit	Ø (mm) Ø	Stärke (mm) thickness	Material material	
122098	100	25,0	3,7	Nylon	nylon



RUNDRINGE geschweißt

ROUND RINGS welded

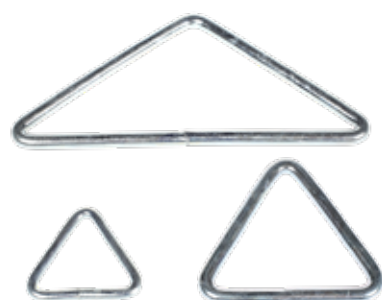
Art.Nr. art.no.	VE unit	Ø (mm) Ø	Stärke (mm) thickness	Material material
122099	100	20,0	3,0	verzinkt zinc plated
122100	100	25,0	4,0	verzinkt zinc plated
122104	100	30,0	3,0	verzinkt zinc plated
122105	100	40,0	4,0	verzinkt zinc plated
122106	100	50,0	5,0	verzinkt zinc plated
122107	100	60,0	5,0	verzinkt zinc plated
122108	100	70,0	5,0	verzinkt zinc plated
122112	100	50,0	6,0	NIROSTA INOX



HALBRUNDRINGE geschweißt

SEMICIRCULAR RINGS welded

Art.Nr. art.no.	VE unit	Ø (mm) Ø	Stärke (mm) thickness	Material material
122113	100	22,0	3,2	verzinkt zinc plated
122109	100	25,0	4,0	verzinkt zinc plated
122116	100	30,0	5,0	verzinkt zinc plated
122117	100	35,0	5,0	verzinkt zinc plated
122118	100	40,0	5,0	verzinkt zinc plated
122111	100	45,0	5,0	verzinkt zinc plated
122114	100	50,0	5,0	verzinkt zinc plated
122115	100	55,0	5,0	verzinkt zinc plated
122120	100	25,0	4,0	NIROSTA INOX
122119	100	50,0	5,8	NIROSTA INOX



TRIANGEL RING

TRIANGLE RING

Art.Nr. art.no.	VE unit	Abmessungen (mm) dimensions	Stärke (mm) thickness	Material material
122121	100	30,0 x 34,0 x 34,0	4,0	verzinkt zinc plated
122122	100	50,0 x 55,0 x 55,0	6,0	verzinkt zinc plated
122123	100	145,0 x 84,0 x 130,0	6,0	verzinkt zinc plated



RINGKLAUE

wird zusammengedrückt und mit einem Niet geschlossen.

RING CLAW

Is pressed together and closed with a rivet.

Art.Nr. art.no.	VE unit	Ausführung design	Material material
122110	100	1-Loch 1-hole	verzinkt zinc plated
122103	100	2-Loch 2-hole	verzinkt zinc plated



RINGHALTER

GRIPS FOR RINGS

Art.-Nr. art.no.	VE unit	Lochabstand (mm) hole spacing	Material material
122102	100	20,0	verzinkt zinc plated



SCHNALLRIEMEN AUS KUNSTSTOFF - beige

BUCKLE STRAPS PVC - beige

Art.-Nr. art.no.	VE unit	Stärke (mm) thickness	L (mm) length	B (mm) width
123002	100	2,1	200,0	20,0
123003	100	2,1	250,0	20,0
123004	100	2,1	300,0	20,0
123005	100	2,1	350,0	20,0
123006	100	2,1	400,0	20,0
123007	100	2,1	500,0	20,0
123008	100	2,1	600,0	20,0
123009	100	2,1	700,0	20,0
123062	100	2,1	800,0	20,0
123066	100	2,1	900,0	20,0
123010	100	2,1	1.000,0	20,0
123067	100	2,1	1.200,0	20,0

Sie benötigen eine andere Länge? Fragen Sie uns einfach danach, wir können Schnallriemen bis 10 m Länge liefern

In case you need a different length we can offer you buckle straps up to 10 m length. We will be glad to assist you.



SCHNALLRIEMEN AUS KUNSTSTOFF - weiß

BUCKLE STRAPS PVC - white

Art.-Nr. art.no.	VE unit	Stärke (mm) thickness	L (mm) length	B (mm) width
123031	100	2,1	250,0	20,0
123032	100	2,1	300,0	20,0
123033	100	2,1	350,0	20,0
123034	100	2,1	500,0	20,0
123035	100	2,1	600,0	20,0
123051	100	2,1	700,0	20,0



SCHNALLRIEMEN AUS KUNSTSTOFF - schwarz

BUCKLE STRAPS PVC - black

Art.-Nr. art.no.	VE unit	Stärke (mm) thickness	L (mm) length	B (mm) width
123068	100	2,1	200,0	15,0
123069	100	2,1	250,0	20,0
123070	100	2,1	300,0	20,0
123071	100	2,1	400,0	20,0
123072	100	2,1	475,0	15,0
123073	100	2,1	530,0	20,0



SCHNALLRIEMEN PVC - für Schieberverdecke

BUCKLE STRAPS PVC - for sliding roofs

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Stärke (mm) thickness	Farbe color
123011	100	230,0	20,0	1,5	weiß white
123075	100	230,0	20,0	1,5	schwarz black



EINSCHWEISSPLATTEN

WELDING PLATES

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Stärke (mm) thickness	Material material	Farbe color
123064	100	60,0	50,0	1,5	PVC Gurtband - RF:1.300 kg PVC-webbing - TS: 1.300 kg	weiß white
123015	100	60,0	60,0	1,5	Panama-Material panama-material	grau grey
123076	100	60,0	60,0	1,5	Panama-Material panama-material	schwarz black
123016	100	70,0	70,0	1,5	Panama-Material panama-material	weiß white
123017	100	80,0	80,0	1,5	Panama-Material panama-material	weiß white
123018	100	100,0	100,0	1,5	Panama-Material panama-material	grau grey
123012	100	60,0	60,0	2,1	Riemenmaterial strap-material	beige beige
123013	100	110,0	90,0	2,1	Riemenmaterial strap-material	weiß white
123014	100	100,0	100,0	2,1	Riemenmaterial strap-material	beige beige
123077	100	70,0	70,0	2,1	Panama-Material panama-material	auf Kundenwunsch on request



SCHNALLRIEMEN

(Art. 123011) mit PVC-Platte fertig montiert

BUCKLE STRAPS (art. 123011) ready mounted with a PVC-plate

Art.-Nr. art.no.	VE unit	Platte (mm) plate	L (mm) length	Material material	Farbe color
123078	100	60,0 x 60,0	230,0	Panama panama-material	weiß white
123054	100	100,0 x 100,0	230,0	Panama panama-material	weiß white
123079	100	50,0 x 60,0	230,0	PVC Gurtband - RF:1.300 kg PVC-webbing - TS: 1.300 kg	weiß white



HALTESTREIFEN PVC PANAMA - für Schieberverdecke

HOLDING STRAP PVC PANAMA - for sliding roofs

Art.-Nr. art.no.	VE unit	B (mm) plate	Lochabstand (mm) hole spacing	Farbe color	
123085	50 m 60 m	100,0	935,0	grau	grey
123102	50 m 60 m	100,0	935,0	schwarz	black
123100	50 m 60 m	100,0	520,0	grau	grey

PLANENBAND

mit Schlaufen zum Verschweißen

HOLDING STRAP

with loops for welding



ALL IN ONE so lautet die Devise dieser MARKTNEUHEIT! Das neue Planenband zum Verschweißen schafft es diverse Arbeitsschritte zu einem Einzigen zusammenzufassen: Aufschweißen, Befestigungen einfädeln, Fertig!

ALL IN ONE, thats how you can call this brandnew product. The new holding strap for welding combines some different steps to only one step. Seal, thread the fastenings, done!

Verarbeitung:
mit handelsüblichen Schweißautomaten

*Processing:
with commercial used automatic welding machines*

Art.-Nr. art.no.	VE unit	B (mm) width	Material material	Farbe Color
123104	60 m	100,0	PVC-beschichtetes schweißbares Gurtband <i>pvc-coated weldable webbing</i>	dunkelgrau <i>dark grey</i>



STRIPPEN Kunststoff 2,1 mm stark - beige

STRAPS PVC 2,1 mm thick - beige

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing
123039	100	150,0	20,0	20,0
123042	100	175,0	20,0	20,0
123043	100	190,0	20,0	20,0
123045	100	190,0	25,0	25,0
123055*	100	250,0	20,0	20,0

*durchgelocht | *punched*



STRIPPEN Kunststoff 2,1 mm stark - weiß

STRAPS PVC 2,1 mm thick - white

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Lochabstand (mm) hole spacing
123040	100	150,0	20,0	20,0
123041	100	175,0	20,0	20,0
123044	100	190,0	20,0	20,0
123046	100	190,0	25,0	25,0
123057	100	250,0	20,0	20,0



SCHNALLKAPPEN Kunststoff, 2,1 mm stark - ohne Unterlage

BUCKLE CAPS PVC 2,1 mm thick - without back plate

Art.-Nr. art.no.	VE unit	B (mm) width	Lochabstand (mm) hole spacing	Farbe color
123019	100	20,0	20,0	beige beige
123053	100	25,0	25,0	beige beige
123036	100	20,0	20,0	weiß white
123052	100	25,0	25,0	weiß white



SCHNALLKAPPEN Kunststoff, 2,1 mm stark - mit Unterlage

BUCKLE CAPS PVC 2,1 mm thick - with back plate

Art.-Nr. art.no.	VE unit	B (mm) width	Lochabstand (mm) hole spacing	Farbe color
123020	100	20,0	20,0	beige beige
123058	100	25,0	25,0	beige beige
123037	100	20,0	20,0	weiß white
123038	100	25,0	25,0	weiß white
123105	100	20,0	20,0	schwarz black



VW-STECKER - für Rechteckschlitzösen 27 x 8 mm

VW-STRAP - for 27 x 8 mm rectangular eyelets

Art.-Nr. art.no.	VE unit	Stärke (mm) thickness	Ausführung design	Farbe color
123022	100	2,1	mit Ausbuchtung with protrusion	beige beige
123106	100	2,1	mit Ausbuchtung with protrusion	schwarz black
123023	100	3,0	mit Ausbuchtung with protrusion	transluzent translucent
123107	100	2,1	ohne Ausbuchtung without protrusion	olive olive



VW-STECKER - für Ovalösen 42 x 22 mm

VW-STRAP - for 42 x 22 mm oval eyelets

Art.-Nr.	VE	Stärke (mm)	Farbe	
art.no.	unit	thickness	color	
123021	100	2,1	beige	beige



STECKSTRIPPE Kunststoff mit einem Nietloch

PVC INSERTION STRAP with one rivet hole

Art.-Nr.	VE	L (mm)	B (mm)	Stärke (mm)	Farbe	
art.no.	unit	length	width	thickness	color	
123056	100	150,0	25,0	2,1	beige	beige



ENDRIEMEN Kunststoff - mit Halbrundring, 2,1 mm stark

END STRAP plastic - with D-Ring, 2,1 mm thick

Art.-Nr.	VE	B (mm)	Lochabstand (mm)	Farbe	
art.no.	unit	width	hole spacing	color	
123050	100	20,0	20,0	beige	beige
123108	100	20,0	20,0	oliv	olive



AUFROLLRIEMEN Kunststoff - 2,1 mm stark

ROLL-UP STRAP plastic - 2,1 mm thick

Art.-Nr.	VE	L (mm)	B (mm)	Lochabstand (mm)	Farbe	
art.no.	unit	length	width	hole spacing	color	
123024	100	300,0	20,0	20,0	beige	beige
123025	100	400,0	20,0	20,0	beige	beige
123026	100	500,0	20,0	20,0	beige	beige
123047	100	300,0	20,0	20,0	weiß	white
123048	100	400,0	20,0	20,0	weiß	white
123049	100	500,0	20,0	20,0	weiß	white
123109	100	400,0	20,0	20,0	olive	olive
123110*	100	400,0	20,0	20,0	schwarz*	black*

*Mit verzinktem Metallbeschlag

*With galvanized metal fittings



AUFROLLSATZ mit verzinktem Drahhaken und Schutz

ROLL-UP END-STRAP with zinc plated wire hook and back plate

Art.-Nr. art.no.	VE unit	B (mm) width	Lochabstand (mm) hole spacing	Farbe color	
123029	100	20,0	20,0	beige	beige
123059	100	20,0	20,0	weiß	white
123028	100	25,0	20,0	beige	beige
123111	100	20,0	20,0	schwarz	black



AUFROLLSATZ mit verzinktem Drahhaken ohne Schutz

ROLL-UP END-STRAP with zinc plated wire hook without back plate

Art.-Nr. art.no.	VE unit	B (mm) width	Lochabstand (mm) hole spacing	Farbe color	
123027	100	20,0	20,0	beige	beige
123001	100	20,0	20,0	weiß	white



AUFROLLSATZ mit verzinktem Flachhaken und Schutz

ROLL-UP END-STRAP with zinc plated flat hook and back plate

Art.-Nr. art.no.	VE unit	B (mm) width	Lochabstand (mm) hole spacing	Farbe color	
123030	100	25,0	20,0	beige	beige



ROLLSCHNALLE - für 20 mm Riemen/Gurte

ROLL BUCKLE - for 20 mm straps and webbings

Art.-Nr. art.no.	VE unit	Material material	
123060	100	verzinkt	zinc plated



SCHLAUFEN - für 20 mm Riemen/Gurte

LOOPS - for 20 mm straps and webbings

Art.-Nr. art.no.	VE unit	Material material	
123112	100 1.000	verzinkt	zinc plated



ZOLLVERSCHLUSSRIEMEN transluzent

TIR STRAP translucent

Art.-Nr. art.no.	VE unit	B (mm) width	Stärke (mm) thickness
123086	50 m	15,0	3,0
123080	50 m	20,0	3,0
123081	50 m	22,0	3,0
123082	50 m	24,0	3,0



RIEMENMATERIAL 2,1 mm stark

STRAPMATERIAL 2,1 mm thick

Art.-Nr. art.no.	VE unit	B (mm) width	Farbe color
123084	50 m	20,0	beige <i>beige</i>
123083	50 m	24,0	beige <i>beige</i>
123087	50 m	24,0	oliv <i>olive</i>
123089	50 m	24,0	schwarz <i>black</i>



PLAKATHALTER - UV-beständig

POSTER HOLDER - UV-resistant

Art.-Nr. art.no.	VE unit	L (mm) length	Farbe color
124013	100	75,0	hellgrau / weiß <i>lightgrey / white</i>



GUMMISPANNRINGE

RUBBER TENSIONERS

Art.-Nr. art.no.	VE unit	L (mm) length	Material Material	Farbe color
124024	100	100,0	UV-stabil <i>UV-resistant</i>	grau <i>grey</i>
124025	100	120,0	UV-stabil <i>UV-resistant</i>	grau <i>grey</i>
124009	100	140,0	UV-stabil <i>UV-resistant</i>	grau <i>grey</i>
124002	100	200,0	EPDM - UV-stabil <i>EPDM - UV-resistant</i>	schwarz <i>black</i>
124004	100	250,0	EPDM - UV-stabil <i>EPDM - UV-resistant</i>	schwarz <i>black</i>
124006	100	400,0	EPDM - UV-stabil <i>EPDM - UV-resistant</i>	schwarz <i>black</i>



GUMMISPANNRINGE mit S-Haken 45 x 4,5 mm

RUBBER TENSIONERS assembled with S-hook 45 x 4,5 mm

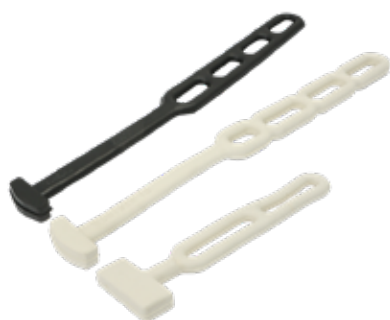
Art.-Nr. art.no.	VE unit	L (mm) length	Material Material	Farbe color
124012	100	200,0	EPDM - UV-stabil EPDM - UV-resistant	schwarz black
124015	100	250,0	EPDM - UV-stabil EPDM - UV-resistant	schwarz black
124016	100	400,0	EPDM - UV-stabil EPDM - UV-resistant	schwarz black



GUMMISTROPFEN - EPDM - UV-stabil

RUBBER TENSIONERS - EPDM - UV solid

Art.-Nr. art.no.	VE unit	L (mm) length	B (mm) width	Ausführung design	Farbe color
124010	100	180,0	25,0	1-stufig 1-stepped	schwarz black
124019	100	190,0	29,0	2-stufig verstellbar 2-stepped adjustable	weiß white
124011	100	250,0	25,0	1-stufig 1-stepped	schwarz black
124007	100	260,0	25,0	3-stufig verstellbar 3-stepped adjustable	schwarz black
124020	100	280,0	26,0	4-stufig verstellbar 4-stepped adjustable	schwarz black
124018	100	280,0	24,0	4-stufig verstellbar 4-stepped adjustable	weiß white



LEITERGUMMI

CONTINUOUS CHAIN TENSIONER

Art.-Nr. art.no.	VE unit	B (mm) width
124014	10 m	30,0

EPDM –

Ethylen-Propylen-Dien-Kautschuk
Ist ein sogenannter synthetischer Kautschuk.

EIGENSCHAFTEN

- Sehr gute Alterungsbeständigkeit
- Sehr gute UV-Beständigkeit
- Temperaturbeständigkeit von -30°C – +120°C
- Überdurchschnittlich gute Chemikalienbeständigkeit
- Nicht Mineralölbeständig
- Schlechte Verklebbarkeit

EPDM -

ethylene-propylene-diene-rubber
Is a so-called synthetic rubber.

CHARACTERISTICS

- Very good aging resistance
- Very good UV-resistance
- Temperature resistance from -30°C – +120°C
- Above average good chemical resistance
- Not mineral oil-resistant
- Poor glueability