Pfeiffer Marine

Katalog von

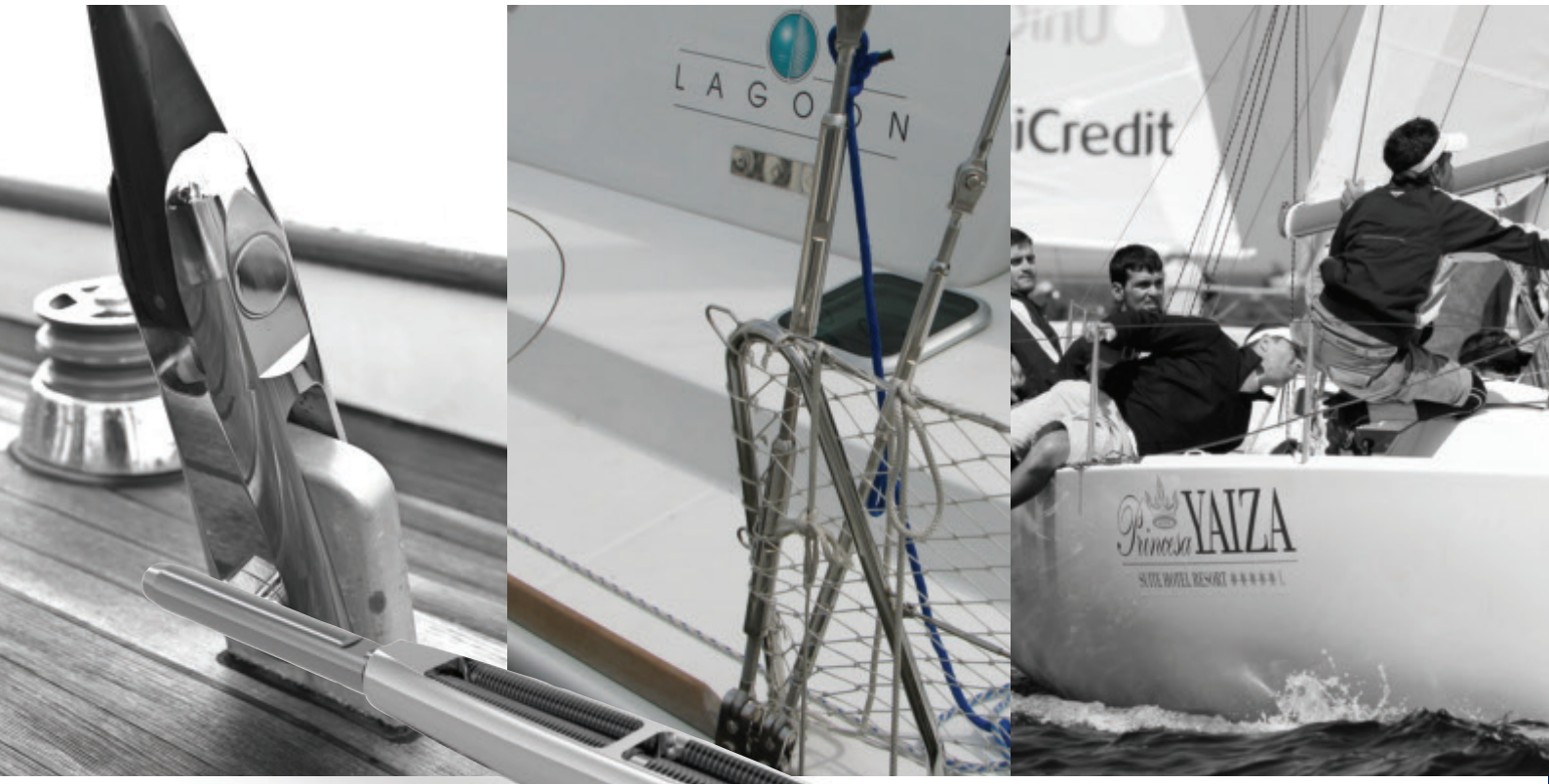


CARBON^3, TUCO Yard, Marström Composites

OS Draht Systemlösungen für stehendes Gut
Marine Katalog

OS Wire Rigging System
Marine Hardware Catalogue

BSI





- Traceability of manufacturing and sourced base materials. Lowest grade used is AISI 316/EN 1.4401
- In house engineering and product development, FEA supported analysis by experienced sailors
- Forks, toggles, eyes are designed for maximum support of pins. Fatigues from dynamic loads is enemy #1 in rigging
- All components manufactured in house in our danish manu facturing facility. We have modern machine park of 28 CNC machines at Your disposal
- All components are electropolished for removal of waste particles ensuring long life and minimum corrossion

- BSI can offer complete or complementary deliveries from own swaging capability from 12 to 26mm wire. Both sizes included
- BSI is supplying rigging components to leading mast manufacurers & riggers
- ISO 9001; Strict quality control. Supported by in house testing facilities
- Worldwide distribution

ISO 9001
BUREAU VERITAS
Certification

Modernste CNC Technolgie im Einsatz
BSI baut auf modernste CNC Fertigungstechniken und stellt Teile über alle Ebenen her. BSI verfügt über modernste Bearbeitungsmaschinen. Verarbeitet werden alle High-Tech-Werkstoffe bis hin zu Titan. Kompetentes Personal mit viel Erfahrung und modernste CAD und FEA Softwarelösungen sind Garant für die hohe Qualität. BSI verfügt über vier Marken im Marinebereich: OS Draht, BSI Rod, Moonlight Luken und Easy Produkte. BSI ist ferner bewährter Systemlieferant für andere Branchen.

Dänisches Design und Qualität
BSI fertigt und liefert qualitativ hochwertige Rigg Lösungen mit dem skandinavischen Touch bezüglich Design. Weltweit bauen und vertrauen Yachtbesitzer auf BSI. Die dänische Fabrik beliefert zudem namhafte Serienrigghersteller.

OS Draht Beschläge
BSI liefert hochwertigste Produkte zum fairen Preis. Wachstum bei BSI basiert auf ständiger Fortentwicklung und Optimierungen bei Design, Entwicklung und Herstellung.

Produktentwicklung und Design basieren auf modernster Technologie. Ständige Tests bestätigen diesen hohen Standard!

Weltweit können Sie auf ein bewährtes Vertriebsnetz zurückgreifen - sowie einen hervorragenden After-Sales-Service.

BSI who manufactures OS Wire Rigging is rigging the world's largest sailing vessels. BSI is a market leader within rigging systems of all types and sizes of sailing vessels from small volume production boats to super yachts. The ambitious Danish company is capable of rigging the biggest yachts in the world. BSI is a complete supplier, who can match any client -and any boat size.

Modern CNC technolgy
The latest CNC technology is the integrated backbone of manufacturing -on all levels. BSI masters a wide range of processes - CNC turning and milling, forging, welding, surface treatment – in all kinds of high-grade steel and titanium. Our skilled employees work with complex tasks in combination with the latest CAD and FEA software. BSI has four ranges of marine brands: OS Wire, BSI Rod Rigging, Moonlight hatches & portlights, Easy Marine. In addition, BSI works as a sub supplier for numerous companies within pneumatics, heat exchangers, and delivers hydraulic blocks for the Danish wind turbine industry.

Danish Design and Quality
BSI delivers innovative high quality riggings solutions with the scandinavian touch in its design. Yachts worldwide have been fitted with the strongest and lightest solutions from BSI. The Danish factory supplies leading mast manufacturers.

OS Wire fittings
BSI produces top quality products with guaranteed value for money. The expansion of BSI products is based on a straightforward uncompromising attitude as to designing, engineering, manufacturing and distributing a complete range of state-of-the-art rigging hardware.

Product development and design engineering based on Finite-Element-Analysis, fatigue tests, carefull choise of base materials, full traceability, and strict quality control are all elements to ensure the standards that make OS Wire fittings the ultimate choice in wire fittings.

The success of OS Wire fittings is maintained by a worldwide distributing network - providing second-to-none aftersales service.

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Technische Daten I Technical Data

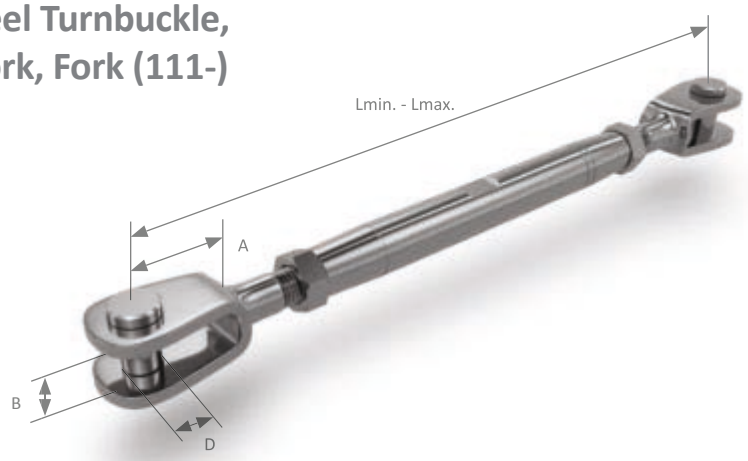
Angaben zum Walzen von Draht I Swaging data for Wire 691

Bei der Walzung von Draht oder Rod hat der Verarbeiter in eigener Verantwortung dafür zu sorgen, dass alle Vorschriften und Vorgaben und Verarbeitungsvorschriften der Hersteller der einzelnen Komponeneten und der Maschinen korrekt eingehalten werden. Alle Komponeneten müssen korrekt aufeinader abgestimmt sein.

Alle technischen Angaben in diesem Katalogauszug basieren auf Herstellerangaben und sind unverbindlich! Irrtum vorbehalten!
All technical specifications, design details, availability are provided “as is” and subject to change without prior notice.

Edelstahl Wantenspanner mit geschlossener Hülse metrisches Gewinde mit Gabel / Gabel (111-)

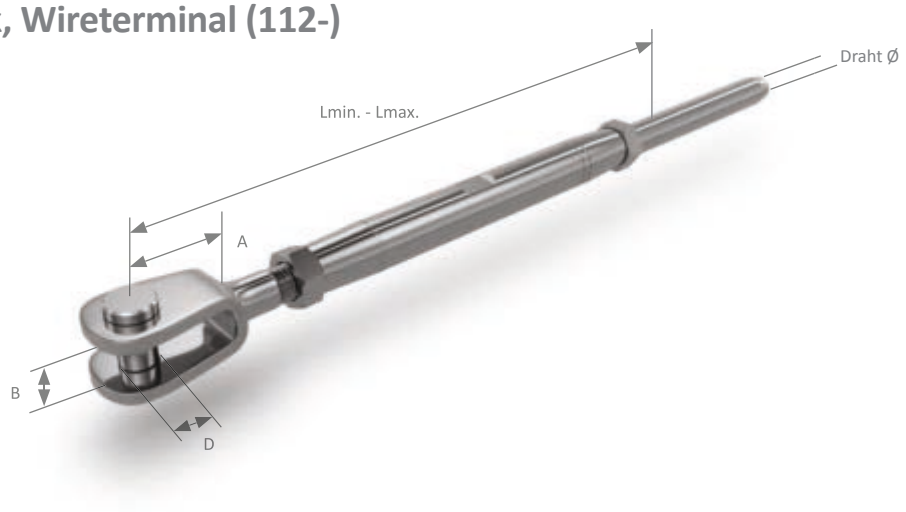
Closed Stainless Steel Turnbuckle, Metric thread w/Fork, Fork (111-)



Artikel Nr.	Draht Ø			Gewinde metrisch	D mm	A mm	B mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye							
4611100255	2.5	3/32"	-	M5	5.0	11.5	7.0	132 - 197	0.052	825
4611150306	3	1/8"	3	M6	5.0	11.5	7.0	142 - 214	0.079	1300
4611100306	3	1/8"	3	M6	6.3	13.0	7.0	145 - 217	0.089	1300
4611160408	4	5/32"	-	M8	6.3	13.0	7.0	163 - 239	0.133	2200
4611100408	4	5/32"	-	M8	8.0	17.0	8.0	173 - 249	0.168	2350
4611180510	5	3/16"	-	M10	8.0	17.0	8.0	189 - 274	0.246	3550
4611100510	5	3/16"	-	M10	9.5	19.0	10.0	193 - 278	0.284	3550
4611100612	6	-	6	M12	12.7	25.0	14.5	250 - 359	0.561	5250
4611100714	7	9/32"	7	M14	12.7	25.0	14.5	271 - 389	0.633	6000
4611130816	8	5/16"	8	M16	12.7	32.5	17.0	312 - 444	0.943	8300
4611100816	8	5/16"	8	M16	16.0	35.0	17.0	316 - 448	1.047	8300
4611161020	10	-	-	M20	16.0	39.5	20.0	375 - 539	1.842	12800
4611101020	12	-	-	M20	19.0	45.0	20.0	374 - 529	2.002	12800

Edelstahl Wantenspanner mit geschlossener Hülse metrisches Gewinde mit Gabel und Walzterminal (112-)

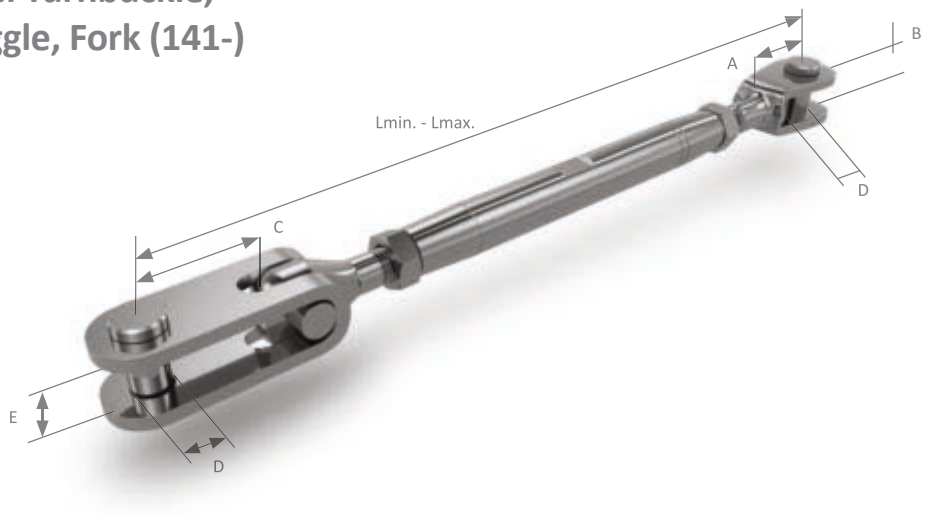
Closed Stainless Steel Turnbuckle, Metric thread w/Fork, Wireterminal (112-)



Artikel Nr.	Draht Ø			Gewinde metrisch	D mm	A mm	B mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye							
4611200255	2.5	3/32"	-	M5	5.0	11.5	7.0	152 - 216	0.048	825
4611250306	3	1/8"	3	M6	5.0	11.5	7.0	169 - 241	0.074	1200
4611200306	3	1/8"	3	M6	6.3	13.0	7.0	171 - 243	0.079	1200
4611250406	4	5/32"	-	M6	5.0	11.5	7.5	180 - 252	0.076	1300
4611200406	4	5/32"	-	M6	6.3	13.0	7.0	178 - 250	0.083	1300
4611200408	4	5/32"	-	M8	8.0	17.0	8.0	199 - 275	0.145	1550
4611200508	5	3/16"	-	M8	8.0	17.0	8.0	207 - 283	0.154	2350
4611280510	5	3/16"	-	M10	8.0	17.0	8.0	223 - 308	0.245	2350
4611200510	5	3/16"	-	M10	9.5	19.0	10.5	225 - 310	0.250	2350
4611200610	6	-	-	M10	9.5	19.0	10.5	243 - 328	0.291	3750
4611200612	6	-	6	M12	12.7	25.0	14.5	288 - 397	0.505	5100
4611200714	7	9/32"	7	M14	12.7	25.0	14.5	317 - 435	0.586	6000
4611200814	8	5/16"	-	M14	12.7	25.0	14.5	337 - 455	0.634	6000
4611230816	8	5/16"	8	M16	12.7	32.5	17.0	368 - 500	0.868	8300
4611200816	8	5/16"	8	M16	16.0	35.0	17.0	370 - 502	0.944	7575
4611261016	10	-	-	M16	16.0	35.0	17.0	391 - 523	1.105	8300
4611261020	10	-	-	M20	16.0	39.5	20.0	434 - 589	1.545	9430
4611201020	10	-	-	M20	19.0	45.0	20.0	439 - 594	1.688	9430
4611201220	12	-	-	M20	19.0	45.0	20.0	464 - 619	1.774	11000
4611201220HD	12	-	-	M20	19.0	45.0	20.0	449 - 604	1.755	12800
4611201424	14	9/16"	-	M24	25.0	66.0	26.0	600 - 800	3.950	16550

Edelstahl Wantenspanner mit geschlossener Hülse metrisches Gewinde mit Gabel und Toggle (141-)

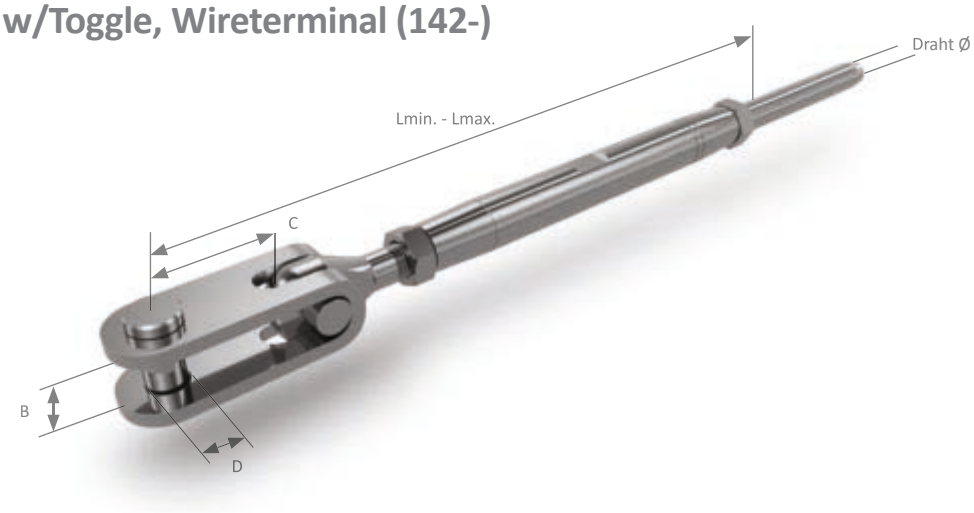
Closed Stainless Steel Turnbuckle, Metric thread w/Toggle, Fork (141-)



Artikel Nr.	Draht Ø			Gewinde metrisch	D mm	A mm	B mm	C mm	E mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruch-last [kg]
	mm	Inch	Dye									
4614100306	3	1/8"	3	M6	6.3	13.0	7.0	14.0	8.0	150 - 222	0.099	1200
4614100408	4	5/32"	-	M8	8.0	17.0	8.0	26.0	10.5	197 - 273	0.193	2200
4614100510	5	3/16"	-	M10	9.5	19.0	10.0	29.0	12.0	226 - 311	0.362	3550
4614100612	6	-	6	M12	12.7	25.0	14.5	35.5	15.5	285 - 394	0.671	5250
4614100714	7	9/32"	7	M14	12.7	25.0	14.5	34.0	15.5	306 - 424	0.775	6000
4614130816	8	5/16"	8	M16	12.7	32.5	17.0	33.0	15.5	337 - 469	1.009	7500
4614100816	8	5/16"	8	M16	16.0	35.0	17.0	35.0	18.0	346 - 478	1.312	8300
4614161020	10	-	-	M20	16.0	39.5	20.0	32.0	18.0	394 - 549	2003	12800
4614101020	12	-	-	M20	19.0	45.0	20.0	36.5	22.0	408 - 563	2.146	12800

Edelstahl Wantenspanner mit geschlossener Hülse metrisches Gewinde mit Walzterminal und Toggle (142-)

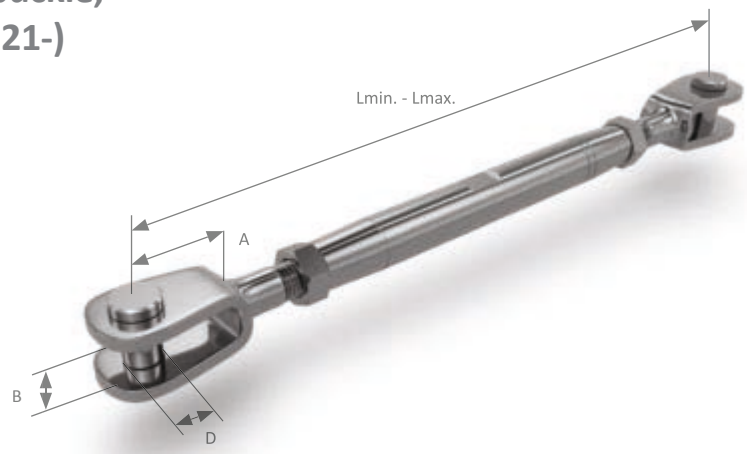
Closed Stainless Steel Turnbuckle, Metric thread w/Toggle, Wireterminal (142-)



Artikel Nr.	Draht Ø			Gewinde metrisch	D mm	C mm	B mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye							
4614200306*	3	1/8"	3	M6	6.3	14.0	8.0	175 - 247	0.090	1200
4614200408	4	5/32"	-	M8	8.0	26.0	10.5	223 - 299	0.169	1550
4614200508	5	3/16"	-	M8	8.0	26.0	10.5	231 - 307	0.178	2350
4614200510	5	3/16"	-	M10	9.5	29.0	12.0	258 - 343	0.327	2350
4614200612	6	-	6	M12	12.7	35.5	15.5	320 - 429	0.609	5100
4614200714	7	9/32"	7	M14	12.7	34.0	15.5	352 - 470	0.728	6000
4614230816	8	5/16"	8	M16	12.7	33.0	15.5	381 - 520	1.029	7500
4614200816	8	5/16"	8	M16	16.0	34.5	18.0	388 - 520	1.192	8300
4614261020	10	-	-	M20	16.0	32.0	18.0	449 - 604	1.784	9430
4614201020	10	-	-	M20	19.0	36.5	22.0	458 - 613	1.971	9430
4614201220	12	-	-	M20	19.0	36.5	22.0	498 - 653	2.057	10600
4614201220HD	12	-	-	M20	19.0	36.5	22.0	483 - 638	2.038	12550

Edelstahl Wantenspanner mit geschlossener Hülse UNF Zoll Gewinde mit Gabel / Gabel (121-)

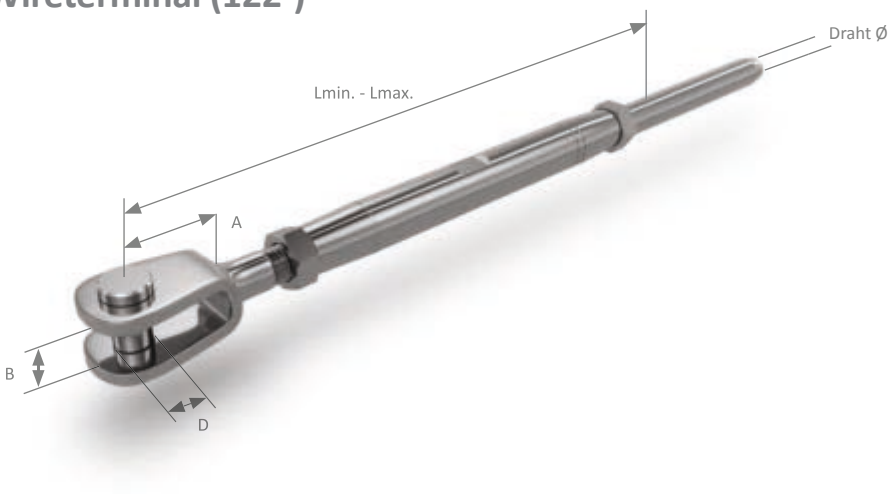
Closed Stainless Steel Turnbuckle, UNF thread w/Fork, Fork (121-)



Artikel Nr.	Draht Ø mm	Draht Inch	Ø Dye	Gewinde UNF	D mm	A mm	B mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
4612150306	3	1/8"	3	1/4"	5.0	11.5	7.5	142 - 204	0.087	1550
4612100306	3	1/8"	3	1/4"	6.3	13.0	7.0	145 - 206	0.090	1550
4612100408	4	5/32"	-	5/16"	8.0	17.0	8.0	173 - 239	0.168	2450
4612100510	5	3/16"	-	3/8"	9.5	19.0	10.0	193 - 267	0.261	3500
4612100611	6	-	6	7/16"	11.0	24.0	12.0	229 - 314	0.439	4750
4612100712	7	9/32"	7	1/2"	12.7	25.0	14.5	250 - 341	0.550	6000
4612130816	8	5/16"	8	5/8"	12.7	32.5	17.0	311 - 427	0.960	8300
4612100816	8	5/16"	8	5/8"	16.0	35.0	17.0	316 - 432	1.038	8300
4612161020	10	-	-	3/4"	16.0	39.5	20.0	363 - 505	1.696	12800
4612101020	10	-	-	3/4"	19.0	45.0	20.0	374 - 516	1.982	12800

Edelstahl Wantenspanner mit geschlossener Hülse UNF Zoll Gewinde mit Gabel und Walzterminal (122-)

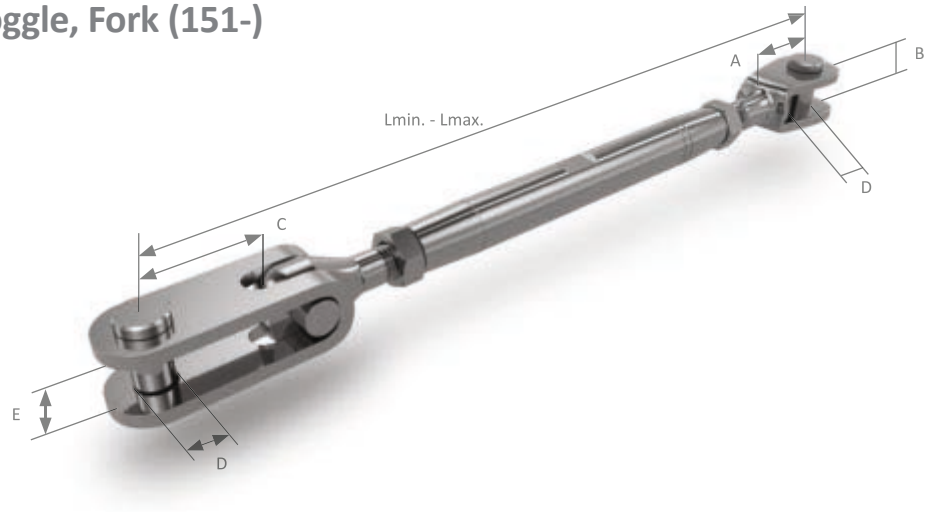
Closed Stainless Steel Turnbuckle, UNF thread w/Fork, Wireterminal (122-)



Artikel Nr.	Draht Ø			Gewinde UNF	D mm	B mm	A mm	Lmin. - Lmax . mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye							
4612250306	3	1/8”	3	1/4”	5.0	7.0	11.5	169 - 230	0.08	1200
4612200306	3	1/8”	3	1/4”	6.3	7.5	13	172 - 233	0.08	1550
4612250406	4	5/32”	-	1/4”	5.0	7.0	11.5	176 - 237	0.08	1200
4612200406	4	5/32”	-	1/4”	6.3	7.5	13	178 - 239	0.08	1550
4612200408	4	5/32”	-	5/16”	8.0	8.0	17	199 - 265	0.14	1550
4612200508	5	3/16”	-	5/16”	8.0	8.0	17	207 - 273	0.15	2350
4612200510	5	3/16”	-	3/8”	9.5	10.5	19	225 - 299	0.32	2350
4612200610	6	-	-	3/8”	9.5	10.0	19	243 - 317	0.27	3500
4612200611	6	-	6	7/16”	11.0	12.0	24	269 - 353	0.40	4750
4612200612	6	-	6	1/2”	12.7	14.5	25	225 - 320	0.46	5100
4612200711	7	9/32”	-	7/16”	11.0	12.0	24	278 - 362	0.43	4750
4612200712	7	9/32”	7	1/2”	12.7	14.5	25	296 - 387	0.52	6000
4612200812	8	5/16”	-	1/2”	12.7	13.5	25	316 - 407	0.56	6000
4612230816	8	5/16”	8	5/8”	12.7	17.0	32.5	368 - 484	0.84	8300
4612200816	8	5/16”	8	5/8”	16.0	17.0	35	370 - 486	0.95	8300
4612261020	10	-	-	3/4”	16.0	20.0	39.5	434 - 576	1.48	9430
4612201020	10	-	-	3/4”	19.0	20.0	48	439 - 581	1.49	9430
4612201220	12	-	-	3/4”	19.0	20.0	48	464 - 606	1.63	11000
4612201220HD	12	-	-	3/4”	19.0	20.0	48	449 - 591	1.61	12800

Edelstahl Wantenspanner mit geschlossener Hülse UNF Zoll Gewinde mit Gabel und Toggle (151-)

Closed Stainless Steel Turnbuckle, UNF thread w/Toggle, Fork (151-)



Artikel Nr.	Draht Ø			Gewinde UNF	D mm	A mm	B mm	C mm	E mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruch-last [kg]
	mm	Inch	Dye									
4615100306	3	1/8"	3	1/4"	6.3	13.0	7.0	14.0	8.0	150 - 211	0.102	1200
4615100408	4	5/32"	-	5/16"	8.0	17.0	8.0	26.0	10.5	197 - 263	0.193	2450
4615100510	5	3/16"	-	3/8"	9.5	19.0	10.0	29.0	12.0	226 - 300	0.340	3500
4615100611	6	-	6	7/16"	11.0	24.0	12.0	31.5	14.0	257 - 342	0.527	4750
4615100712	7	9/32"	7	1/2"	12.7	25.0	14.5	35.5	15.5	285 - 376	0.687	5900
4615130816	8	5/16"	8	5/8"	12.7	32.5	17.0	33.5	15.5	337 - 453	1.010	7500
4615100816	8	5/16"	8	5/8"	16.0	35.0	17.0	34.5	18.0	346 - 462	1.259	8300
4615161020	10	-	-	3/4"	16.0	39.5	20.0	32.5	18.0	394 - 536	2.037	12800
4615101020	12	-	-	3/4"	19.0	45.0	20.0	36.5	22.0	408 - 550	2.180	12800
4615101422	14	9/16"	-	7/8"	22.0	46.0	24.0	40.0	24.0	521 - 736	4.231	18300
4615101625	16	5/8"	-	1"	25.4	66.0	26.0	43.0	27.5	583 - 825	7.091	23000
4615102829	19	3/4"	-	1 1/8"	28.5	75.0	30.0	55.0	30.0	675 - 915	-	29650

Edelstahl Wantenspanner mit geschlossener Hülse UNF Zoll Gewinde mit Walzterminal und Toggle (152-)

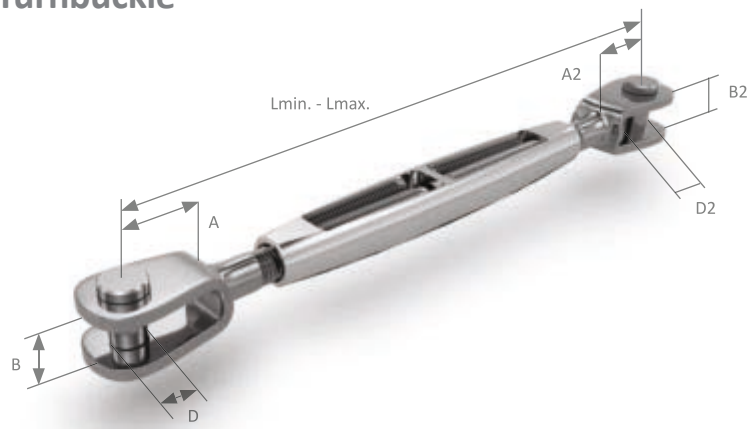
Closed Stainless Steel Turnbuckle, UNF thread w/Toggle, Wireterminal (152-)



Artikel Nr.	Draht Ø			Gewinde UNF	D mm	B mm	C mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye							
4615200306*	3	1/8"	3	1/4"	6.3	8.0	14.0	175 - 236	0.091	1200
4615200408	4	5/32"	-	5/16"	8.0	10.5	26.0	223 - 289	0.167	1550
4615200508	5	3/16"	-	5/16"	8.0	10.5	26.0	231 - 297	0.176	2400
4615200510	5	3/16"	-	3/8"	9.5	12.0	29.0	258 - 333	0.303	2400
4615200611	6	-	6	7/16"	11.0	14.0	31.5	294 - 379	0.496	4350
4615200712	7	9/32"	7	1/2"	12.7	15.5	35.5	331 - 422	0.647	6000
4615200812	8	5/16"	-	1/2"	12.7	15.5	35.5	338 - 429	0.694	6000
4615230816	8	5/16"	8	5/8"	12.7	15.5	33.0	381 - 497	1.050	7500
4615200816	8	5/16"	8	5/8"	16.0	18.0	34.5	388 - 515	1.192	7550
4615261020	10	-	-	3/4"	16.0	18.0	32.0	449 - 591	1.778	8700
4615201020	10	-	-	3/4"	19.0	22.0	36.5	458 - 600	1.907	8700
4615201220	12	-	-	3/4"	19.0	22.0	36.5	475 - 617	1.955	10600
4615201220HD	12	-	-	3/4"	19.0	22.0	36.5	475 - 617	2.205	12550
4615201320	12.7	1/2"	-	3/4"	19.0	22.0	36.5	483 - 625	2.076	12800
4615201422	14	9/16"	-	7/8"	22.0	24.0	46.0	599 - 814	4.187	17000
4615201625	16	5/8"	-	1"	25.4	27.5	43.0	649 - 891	7.217	22250

Wantenspanner mit offener Bronzehülse mit Gabel / Gabel (171-)

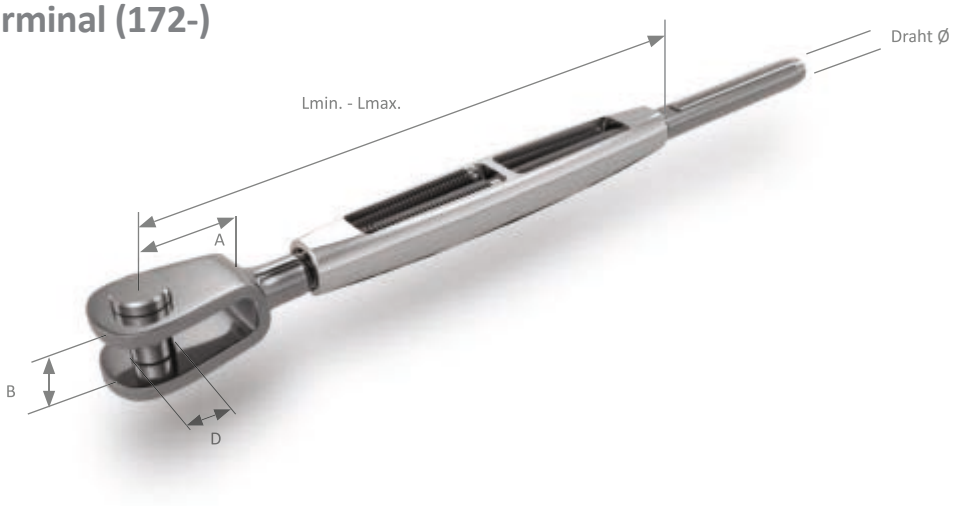
Open Chromed Bronzebody Turnbuckle w/Fork, Fork (171-)



Artikel Nr.	D Inch / mm	B mm	A mm	D2 Inch / mm	B2 mm	A2 mm	Lmin. - Lmax. mm	Bruchlast kg	Gewicht kg
4617100306	1/4" / Ø6.3	8.0	14.0	1/4" / Ø6.3	7.0	13.5	147 - 210	1550	0.116
4617100408	5/16" / Ø7.9	10.5	26.0	5/16" / Ø7.9	8.2	17.0	176 - 260	2450	0.200
4617100510	3/8" / Ø9.5	12.0	29.0	3/8" / Ø9.5	10.0	20.0	197 - 292	3650	0.174
4617100611	7/16" / Ø11.1	14.0	31.5	7/16" / Ø11.1	12.0	23.5	234 - 342	4750	0.435
4617100712	1/2" / Ø12.7	15.5	35.5	1/2" / Ø12.7	14.4	26.0	255 - 374	6450	0.624
4617130816	1/2" / Ø12.7	15.5	33.5	1/2" / Ø12.7	17.0	32.0	318 - 469	9300	1.138
4617100816	5/8" / Ø15.9	17.5	39.3	5/8" / Ø15.9	17.0	35.0	322 - 473	9300	1.216
4617161020	5/8" / Ø15.9	17.5	32.5	5/8" / Ø15.9	20.0	40.0	370 - 551	13250	1.918
4617101020	3/4" / Ø19.0	21.5	53.5	3/4" / Ø19.0	20.0	43.5	380 - 561	13250	2.204
4617101422	7/8" / Ø22.2	24.0	46.0	7/8" / Ø22.2	24.0	54.0	478 - 690	18300	3.662
4617101625	1" / Ø25.4	28.0	43.0	1" / Ø25.4	26.0	66.0	531 - 776	23000	5.398

Wantenspanner mit offener Bronzehülse mit Gabel und Walzterminal (172-)

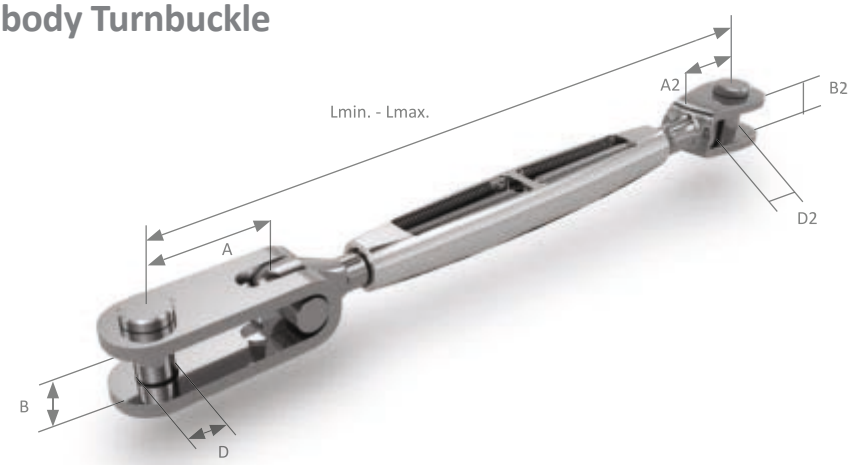
Open Chromed Bronzebody Turnbuckle w/Fork, Wireterminal (172-)



Artikel Nr.	Draht Ø			Gewinde UNF	D mm	B mm	A mm	Lmin. - Lmax. mm	DBS vor dem Walzen mm	Gewicht [Kg]	Bruchlast [Kg]
	mm	Inch	Dye								
4617200306	3	1/8"	3	1/4"	6.3	7.5	13.5	134.5 - 208.5	6.22 - 6.35	0.106	1200
4617200408	4	5/32"	-	5/16"	8.0	9.5	17.0	157.0 - 241.0	7.42 - 7.50	0.174	1550
4617200510	5	3/16"	-	3/8"	9.5	11.0	20.0	176.5 - 272.5	9.00 - 9.11	0.329	2350
4617200610	6	-	-	3/8"	9.5	11.0	20.0	179.0 - 275.0	12.42 - 12.55	0.365	3650
4617200611	6	-	6	7/16"	11.0	12.5	23.5	207.0 - 315.0	12.42 - 12.55	0.396	4750
4617200712	7	9/32"	7	1/2"	12.7	14.0	26.0	230.5 - 349.5	14.18 - 14.30	0.592	6400
4617230816	8	5/16"	8	5/8"	12.7	15.0	32.0	284.0 - 435.0	16.01 - 16.13	1.002	8580
4617200816	8	5/16"	8	5/8"	16.0	17.5	35.0	286.0 - 437.0	16.01 - 16.13	1.116	8580
4617261020	10	-	-	3/4"	16.0	19.0	40.0	330.0 - 511.0	17.73 - 17.86	1.686	9430
4617201020	10	-	-	3/4"	19.0	21.5	49.0	335.0 - 516.0	17.73 - 17.86	1.689	9430
4617201220	12	-	-	3/4"	19.0	21.5	49.0	351.0 - 515.0	19.95 - 20.00	1.925	11000
4617201220HD	12	-	-	3/4"	19.0	21.5	49.0	328.0 - 509.0	21.31 - 21.44	2.026	13250
4617201422	14	9/16"	-	7/8"	22.0	26.0	54.0	401.0 - 613.0	24.88 - 25.00	3.266	16550

Wantenspanner mit offener Bronzehülse mit Gabel und Toggle (181-)

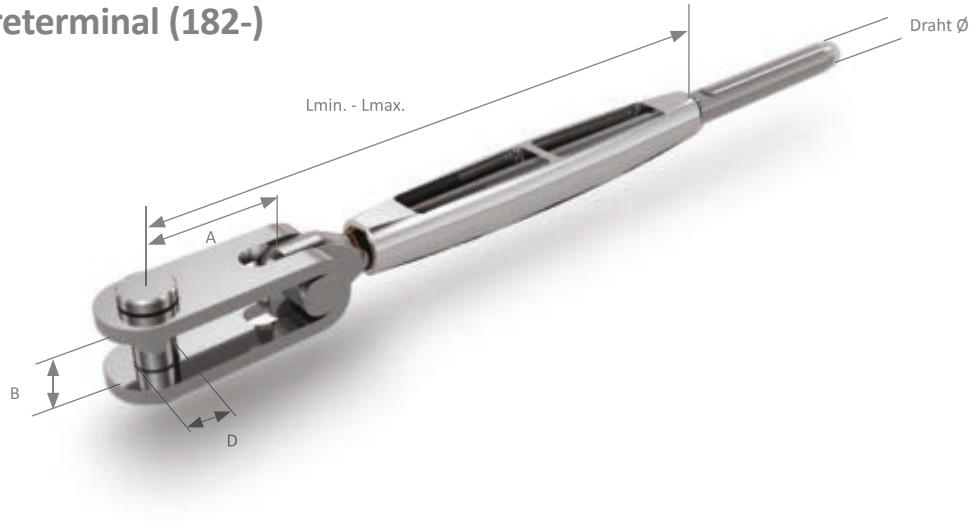
Open Chromed Bronzebody Turnbuckle w/Toggle, Fork (181-)



Artikel Nr.	D Inch / mm	B mm	A mm	D2 Inch / mm	B2 mm	A2 mm	Lmin. - Lmax . mm	Bruchlast kg	Gewicht kg
4618100306	1/4" / Ø6.3	8.0	14.0	1/4" / Ø6.3	7.0	13.5	152 - 226	1200	0.128
4618100408	5/16" / Ø7.9	10.5	26.0	5/16" / Ø7.9	8.2	17.0	201 - 285	2450	0.255
4618100510	3/8" / Ø9.5	12.0	29.0	3/8" / Ø9.5	10.0	20.0	230 - 325	3550	0.353
4618100611	7/16" / Ø11.1	14.0	31.5	7/16" / Ø11.1	12.0	23.5	262 - 370	4650	0.523
4618100712	1/2" / Ø12.7	15.5	35.5	1/2" / Ø12.7	14.4	26.0	289 - 408	5900	0.761
4618130816	1/2" / Ø12.7	15.5	33.5	1/2" / Ø12.7	17.0	32.0	343 - 494	7500	1.19
4618100816	5/8" / Ø15.9	17.5	39.3	5/8" / Ø15.9	17.0	35.0	362 - 497	9000	1.54
4618161020	5/8" / Ø15.9	17.5	32.5	5/8" / Ø15.9	20.0	40.0	400 - 581	13250	2.26
4618101020	3/4" / Ø19.0	21.5	53.5	3/4" / Ø19.0	20.0	43.5	442 - 612	13250	2.61
4618101422	7/8" / Ø22.2	24.0	46.0	7/8" / Ø22.2	24.0	54.0	533 - 735	17850	3.95

Wantenspanner mit offener Bronzehülse mit Walzterminal und Toggle (182-)

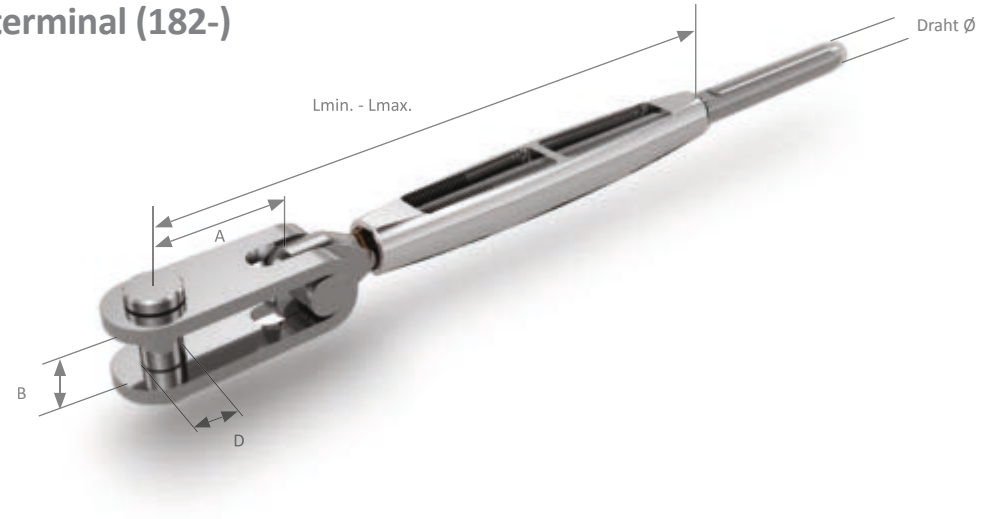
Open Chromed Bronzebody Turnbuckle w/Toggle, Wireterminal (182-)



Artikel Nr.	Draht Ø			Gewinde UNF	D mm	B mm	A mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye							
4618200306	3	1/8"	3	1/4"	6.3	8.0	14.0	139.5 - 213.5	0.117	1200
4618200408	4	5/32"	-	5/16"	8.0	10.5	28.5	182.0 - 266.2	0.199	1550
4618200508	5	3/16"	-	5/16"	8.0	10.5	28.5	183.5 - 268.5	0.241	2350
4618200510	5	3/16"	-	3/8"	9.5	12.0	33.0	210.5 - 306.5	0.316	2350
4618273210	5,5	7/32"	-	3/8"	9.5	12.0	33.0	215.0 - 302.0	0.385	3540
4618201410	6,3	1/4"	-	3/8"	9.5	12.0	33.0	215.7 - 301.7	0.395	3540
4618201411	6,3	1/4"	-	7/16"	11.0	14.0	35.0	237.7 - 335.7	0.425	4650
4618201412	6,3	1/4"	1/4"	1/2"	12.7	15.5	39.0	265.7 - 372.7	0.525	4920
4618200610	6	-	-	3/8"	9.5	12.0	33.0	215.0 - 311.0	0.398	3650
4618200611	6	-	6	7/16"	11.0	14.0	35.0	239.0 - 347.0	0.426	4650
4618200612	6	-	6	1/2"	12.7	15.5	39.0	203.0 - 306.0	0.670	5100
4618200711	7	9/32"	-	7/16"	11.0	14.0	35.0	264,5 - 372.5	0.544	4650
4618200712	7	9/32"	7	1/2"	12.7	15.5	39.0	239,5 - 347,5	0.721	5900
4618200812	8	5/16"	-	1/2"	12.7	15.5	39.0	260.0 - 368.0	0.755	5900
4618230816	8	5/16"	8	5/8"	12.7	15.5	38.0	410.0 - 461.0	1.212	7500
4618200816	8	5/16"	8	5/8"	15.9	18.0	39.0	316.0 - 467.0	1.354	8580
4618203816	9,5	3/8"	-	5/8"	15.9	18.0	39.0	318.0 - 459.0	1.400	9000

Wantenspanner mit offener Bronzehülse mit Walzterminal und Toggle (182-)

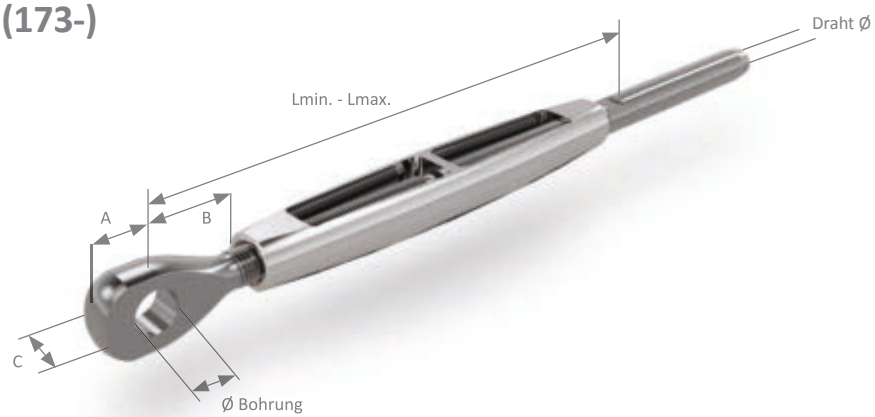
Open Chromed Bronzebody Turnbuckle w/Toggle, Wireterminal (182-)



Artikel Nr.	Draht Ø			Gewinde UNF	D mm	B mm	A mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye							
4618203820	9,5	3/8"	3/8"	3/4"	19.0	22.0	53.0	370.0 - 540.0	2.005	9900
4618201016	10	-	-	5/8"	15.9	18.0	39.0	318.0 - 469.0	1.513	9000
4618261020	10	-	-	3/4"	15.9	18.0	37.0	361.0 - 542.0	1.980	9430
4618201020	10	-	-	3/4"	19.0	22.0	38.0	370.0 - 551.0	2.109	9430
4618271620	11.1	7/16"	-	3/4"	19.0	22.0	53.0	369.5 - 550.5	2.150	11250
4618201220	12	-	-	3/4"	19.0	22.0	38.0	369.5 - 550.5	2.177	10600
4618201220HD	12	-	-	3/4"	19.0	22.0	53.0	372.5 - 550.5	2.300	12500
4618201320	12,7	1/2"	-	3/4"	19.0	22.0	38.0	370.5 - 535.0	2.078	13250
4618201322	12,7	1/2"	-	3/4"	22.0	24.0	48.0	390.0 - 550.0	2.455	13250
4618201422	14	9/16"	-	7/8"	22.0	24.0	66.0	490.0 - 705.0	3.907	16550

Wantenspanner mit offener Bronzehülse mit Walzterminal und Augterminal (173-)

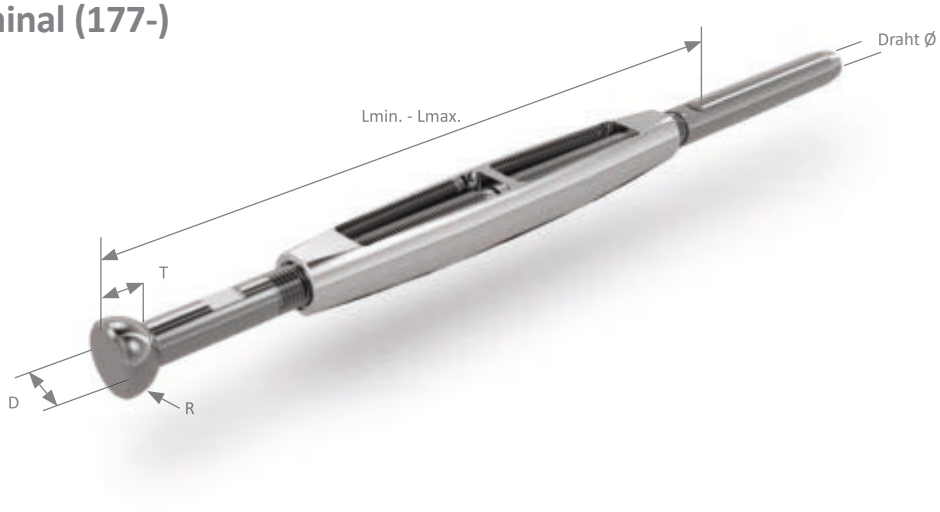
Open Chromed Bronzebody Turnbuckle w/Eye, Wireterminal (173-)



Artikel Nr.	Draht Ø			Gewinde UNF	Ø mm	A mm	B mm	C mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye								
4617300306	3	1/8"	3	1/4"	6.5	8.5	12.5	4	129 - 197	0.09	1200
4617300408	4	5/32"	-	5/16"	8.3	9.0	13.0	6	149 - 230	0.14	1550
4617300510	5	3/16"	-	3/8"	9.8	11.0	16.0	8	170 - 255	0.21	2350
4617300611	6	-	6	7/16"	11.1	12.5	17.5	9	196 - 292	0.34	4650
4617300711	7	9/32"	-	7/16"	11.1	12.5	17.5	9	196 - 292	0.36	4650
4617300613	6	-	6	1/2"	13.1	13.5	18.5	10	215 - 320	0.47	5100
4617300713	7	9/32"	7	1/2"	13.1	13.5	18.5	10	217 - 322	0.52	5900
4617300813	8	5/16"	-	1/2"	13.1	13.5	18.5	10	217 - 322	0.56	5900
4617301016	10	-	-	5/8"	16.4	17.0	24.0	13	266 - 406	1.12	9000
4617301116	11	Jul-16	-	5/8"	16.4	19.0	24.0	14	313 - 480	1.58	11250
4617301119	11	7/16"	-	3/4"	19.2	21.0	28.5	17.2	316 - 485	1.61	11250
4617301219	12	-	-	3/4"	19.2	21.0	28.5	17.2	314 - 481	1.69	11000
4617301322	12,7	1/2"	-	3/4"	22.2	27.0	32.5	19	319 - 476	1.70	13250
4617301422	14	9/16"	-	7/8"	22.2	27.0	32.5	19	382 - 575	3.05	16550

Wantenspanner mit offener Bronzehülse mit Walzterminal und Ballterminal (177-)

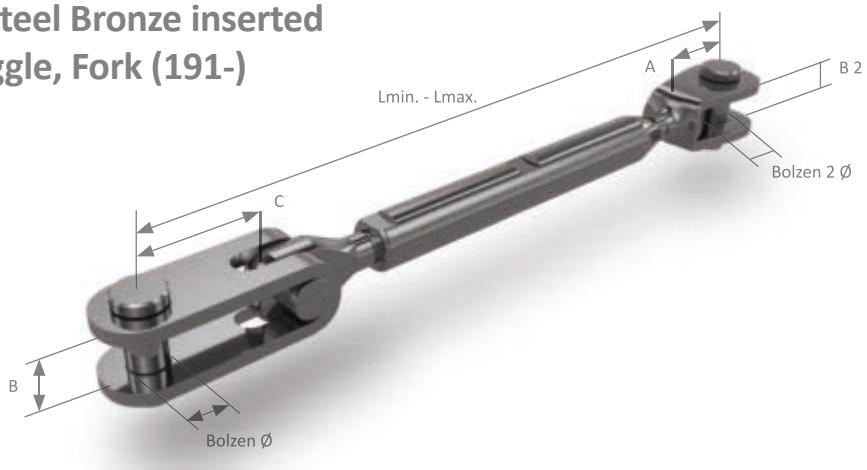
Open Chromed Bronzebody Turnbuckle w/Ball, Wireterminal (177-)



Artikel Nr.	Draht Ø			Gewinde UNF	D mm	R mm	T mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye							
4617700306	3	1/8"	3	1/4"	14.5	7.3	6.6	133 - 200	0.071	1200
4617700408	4	5/32"	-	5/16"	20.0	7.0	6.7	164 - 245	0.132	1550
4617700510	5	3/16"	-	3/8"	20.0	7.0	6.7	180 - 264	0.208	2350
4617700611	6	-	6	7/16"	21.5	10.8	8.6	210 - 307	0.342	4750
4617710626	6	-	6	7/16"	26.0	12.0	13.2	213 - 310	376	4750
4617700612	6	-	6	1/2"	20.0	7.0	6.7	222 - 328	0.447	5100
4617700626	6	-	6	1/2"	26.0	12.0	13.2	228 - 334	0.472	5100
4617700712	7	9/32"	7	1/2"	20.0	7.0	6.7	224 - 330	0.461	6400
4617700726	7	9/32"	7	1/2"	26.0	12.0	13.2	230 - 336	0.486	6400
4617700812	8	5/16"	-	1/2"	20.0	7.0	6.7	224 - 330	0.508	6400
4617700826	8	5/16"	-	1/2"	26.0	12.0	13.2	230 - 336	0.533	6400
4617701027	10	-	-	5/8"	27.0	13.5	14.8	301 - 441	0.925	9430
4617701227	12	-	-	3/4"	27.5	13.7	14.8	328 - 496	1.475	11000
4617701327	12,7	1/2"	-	3/4"	27.5	13.7	14.8	328 - 496	1.512	13100
4617701417	14	9/16"	-	7/8"	34.0	16.9	15.3	385 - 580	2.540	16550

Wantenspanner mit geschlossener Edelstahlhülse und Bronze Gewindeeinsatz mit Gabel und Toggle (191-)

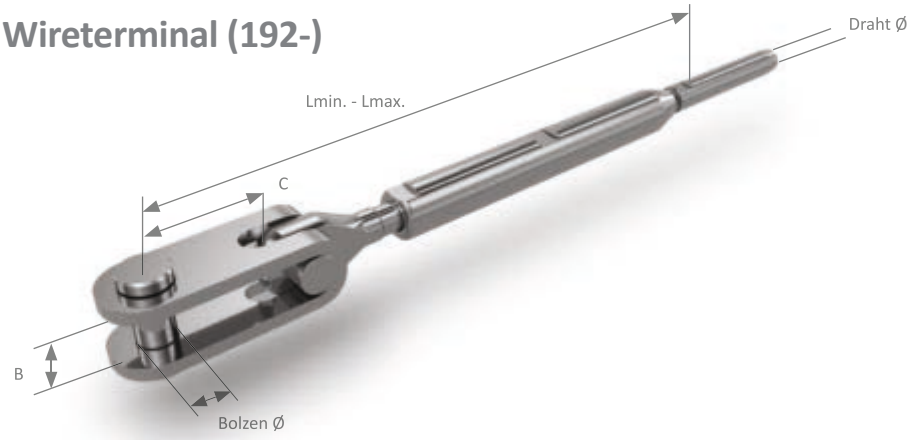
Closed Stainless Steel Bronze inserted Turnbuckle w/Toggle, Fork (191-)



Artikel Nr.	Bolzen 1 Ø Inch / mm	B mm	C mm	Bolzen 2 Ø Inch / mm	B2 mm	A mm	Lmin. - Lmax . mm	Bruchlast [kg]	Gewicht [kg]
4619100306	1/4" / Ø6.3	8.0	14	1/4" / Ø6.3	7	13.5	-	1200	-
4619100408	5/16" / Ø7.9	9.0	28.4	5/16" / Ø7.9	8.2	17.0	221.0 - 277.0	2450	-
4619100510	3/8" / Ø9.5	11.0	33.0	3/8" / Ø9.5	10.0	20.0	254.0 - 317.0	3650	-
4619100611	7/16" / Ø11.1	13.0	35.2	7/16" / Ø11.1	12.0	23.5	285.5 - 358.5	4650	-
4619100712	1/2" / Ø12.7	14.0	38.9	1/2" / Ø12.7	14.4	26.0	314.5 - 395.5	5900	-
4619130816	1/2" / Ø12.7	14.0	37.9	1/2" / Ø12.7	17.0	32.0	375.5 - 488.5	7500	-
4619100816	5/8" / Ø15.9	17.5	39.3	5/8" / Ø15.9	17.0	35.0	383.5 - 496.5	9000	-
4619161020	5/8" / Ø15.9	17.5	37.3	5/8" / Ø15.9	20.0	40.0	436.5 - 575.5	13250	-

Wantenspanner mit geschlossener Edelstahlhülse und Bronze Gewindeeinsatz mit Walzterminal und Toggle (192-)

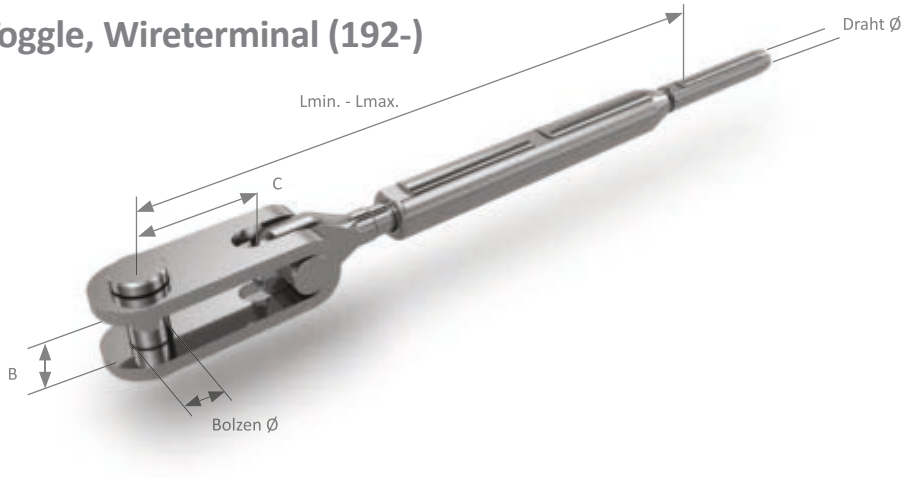
Closed Stainless Steel Bronze inserted Turnbuckle w/Toggle, Wireterminal (192-)



Artikel Nr.	Draht Ø			Gewinde UNF	Bolzen Ø mm	B mm	C mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	inch	Dye							
4619200306	3	1/8”	3	1/4”	6.3	8.0	14.0	150 - 214	0.12	1200
4619200408	4	5/32”	-	5/16”	8.0	10.5	28.5	194 - 266	0.20	1550
4619200508	5	3/16”	-	5/16”	8.0	10.5	28.5	195 - 268	0.24	2350
4619200510	5	3/16”	-	3/8”	9.5	12.0	33.0	225 - 306	0.32	2350
4619273210	5.5	7/32”	-	3/8”	9.5	12.0	33.0	230 - 302	0.39	3550
4619200610	6	-	-	3/8”	9.5	12.0	33.0	229 - 311	0.40	3550
4619200611	6	-	6	7/16”	11.1	14.0	35.0	239 - 347	0.43	4650
4619200612	6	-	6	1/2”	12.7	15.5	39.0	223 - 306	0.67	5100
4619201410	6.3	1/4”	-	3/8”	9.5	12.0	33.0	231 - 302	0.40	3650
4619201411	6.3	1/4”	-	7/16”	11.1	14.0	35.0	255 - 336	0.43	4650
4619201412	6.3	1/4”	1/4”	1/2”	12.7	15.5	39.0	286 - 373	0.53	4920
4619200711	7	9/32”	-	7/16”	11.1	14.0	35.0	256 - 347	0.54	4650
4619200712	7	9/32”	7	1/2”	12.7	15.5	39.0	279 - 367	0.72	5900
4619200812	8	5/16”	-	1/2”	12.7	15.5	39.0	280 - 368	0.76	5900
4619230816	8	5/16”	8	5/8”	12.7	15.5	38.0	333 - 461	1.21	7500
4619200816	8	5/16”	8	5/8”	15.9	18.0	39.0	338 - 467	1.35	8580
4619203816	9.5	3/8”	-	5/8”	15.9	18.0	39.0	340 - 469	1.40	9000

Wantenspanner mit geschlossener Edelstahlhülse und Bronze Gewindeeinsatz mit Walzterminal und Toggle (192-)

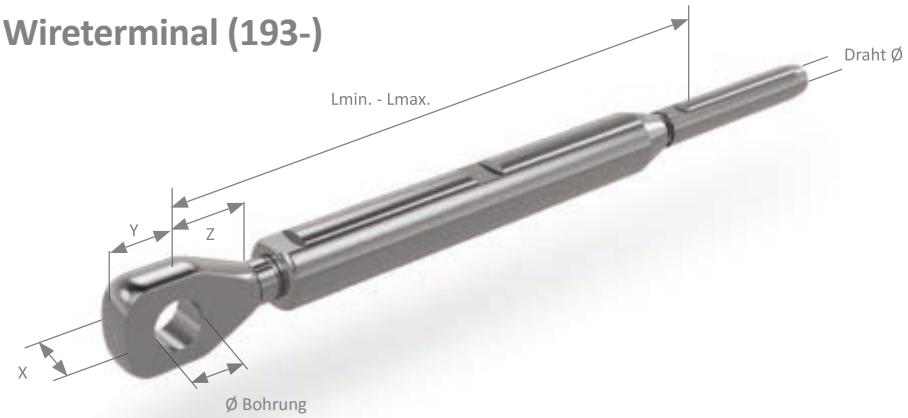
Closed Stainless Steel Bronze inserted Turnbuckle w/Toggle, Wireterminal (192-)



Artikel Nr.	Draht Ø			Gewinde UNF	Bolzen Ø mm	B mm	C mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	inch	Dye							
4619203820	9.5	3/8"	3/8"	3/4"	19.1	22.0	53.0	400 - 550	2.00	9900
4619201016	10	-	-	5/8"	15.9	17.5	47.5	355 - 469	1.49	9000
4619261020	10	-	-	3/4"	15.9	18.0	37.0	390 - 542	1.98	9430
4619201020	10	-	-	3/4"	19.1	22.0	38.0	400 - 552	2.10	9430
4619271620	11.1	7/16"	-	3/4"	19.1	22.0	53.0	398 - 550	2.15	11250
4619201220	12	-	-	3/4"	19.1	21.5	53.0	420 - 554	2.74	11000
4619201220HD	12	-	-	3/4"	19.1	21.5	53.0	398 - 550	2.30	13250
46192D1222	-	-	12	7/8"	22.2	24.0	66.5	490 - 708	4.27	18700
4619201320	12.7	1/2"	-	3/4"	19.1	22.0	38.0	400 - 535	2.08	13250
4619201322	12.7	1/2"	-	3/4"	22.2	24.0	48.0	421 - 550	2.46	13250
4619201422	14	9/16"	-	7/8"	22.2	24.0	66.5	481 - 699	4.20	16550
4619201625	16	5/8"	-	1"	25.4	28.0	64.0	524 - 684	5.91	21350
4619201625-2	16	5/8"	-	1"	25.4	28.0	64.0	547 - 779	6.30	21350
4619201628	16	5/8"	-	1"	28.6	31.5	80.0	549 - 765	6.73	21350
4619201928	19	3/4"	-	1 1/8"	28.6	31.5	72.0	608 - 866	8.37	30000
4619201932	19	3/4"	-	1 1/4"	31.8	36.5	82.5	610 - 826	10.62	33150
4619202232	22	7/8"	-	1 1/4"	31.8	36.5	81.6	627 - 809	11.38	35250
4619202232-2	22	7/8"	-	1 1/4"	31.8	36.5	82.6	714 - 1020	12.47	37200
4619202635	25.4 - 26	1"	-	1 1/2"	34.9	42.0	82.0	703 - 885	16.30	49000
4619202635-2	25.4 - 26	1"	-	1 1/2"	34.9	42.0	95.0	807 - 1163	17.46	49000

Wantenspanner mit geschlossener Edelstahlhülse und Bronze Gewindeeinsatz mit Walzterminal und Auge (193-)

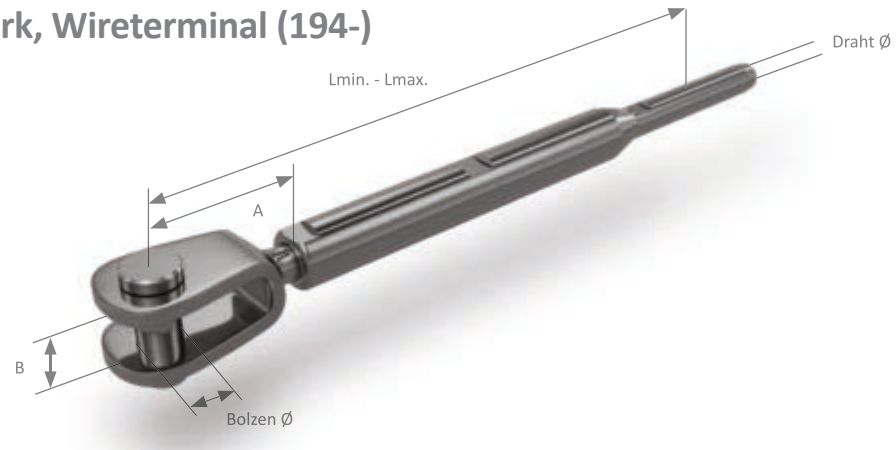
Closed Stainless Steel Bronze inserted Turnbuckle w/Eye, Wireterminal (193-)



Artikel Nr.	Draht Ø			Ge-winde UNF	Ø mm	Y mm	Z mm	X mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye								
4619300306	3	1/8"	3	1/4"	6.5	8.5	12.5	4	100 - 158	0.09	1200
4619300408	4	5/32"	-	5/16"	8.3	9.0	13.0	6	115 - 185	0.14	1550
4619300510	5	3/16"	-	3/8"	9.8	11.0	16.0	8	133 - 203	0.21	2350
4619300611	6	-	6	7/16"	11.1	12.5	17.5	9	152 - 231	0.34	4650
4619300711	7	9/32"	-	7/16"	11.1	12.5	17.5	9	150 - 229	0.36	4650
4619300613	6	-	6	1/2"	13.1	13.5	18.5	10	162 - 247	0.47	5100
4619300713	7	9/32"	7	1/2"	13.1	13.5	18.5	10	160 - 245	0.52	5900
4619300813	8	5/16"	-	1/2"	13.1	13.5	18.5	10	161 - 246	0.56	5900
4619301016	10	-	-	5/8"	16.4	17.0	24.0	13	195 - 311	1.12	9000
4619301219	12	-	-	3/4"	19.2	21.0	28.5	17.2	232 - 369	1.69	11000
4619301322	12,7	1/2"	-	3/4"	22.2	27.0	32.5	19	229 - 366	1.70	13250
4619301422	14	9/16"	-	7/8"	22.2	27.0	32.5	19	287 - 447	3.05	16550
4619301625	16	5/8"	-	1"	25.6	30.0	37.0	21	277 - 468	5.06	21350
4619301928	19	3/4"	-	1 1/4"	28.6	30.0	43.0	25	314 - 527	6.19	29400
4619302232	22	7/8"	-	1 1/4"	32.0	32.0	45.0	28	362 - 516	6.92	35250
4619302635	25.4-26	1"	-	1 1/2"	35.2	38.0	52.5	32	567- 751	12.60	46700
4619602225	22	7/8"	-	1 1/4"	48.2	24.8	19.8	535 - 690	6.835	33150	
4619602638	26	1"	-	1 1/2"	-	-	-	-	-	-	

Wantenspanner mit geschlossener Edelstahlhülse und Bronze Gewindeeinsatz mit Walzterminal und Gabel (194-)

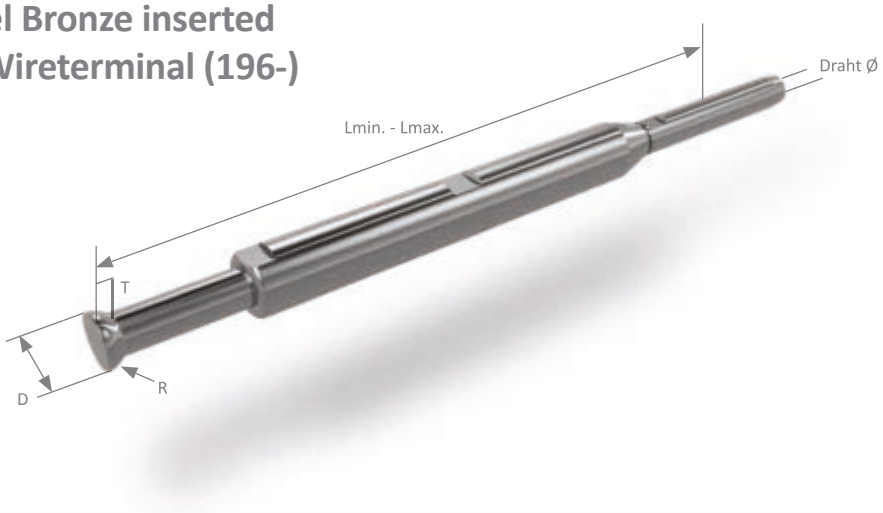
Closed Stainless Steel Bronze inserted Turnbuckle w/Fork, Wireterminal (194-)



Artikel Nr.	Draht Ø			Gewinde UNF	Bolzen Ø mm	A mm	B mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye							
4619400306	3	1/8"	3	1/4"	6.3	13.0	7.0	144 - 208	0.106	1200
4619400408	4	5/32"	-	5/16"	8.0	17.0	8.0	169 - 241	0.174	1550
4619400510	5	3/16"	-	3/8"	9.5	19.0	10.0	191 - 272	0.329	2350
4619400610	6	-	-	3/8"	9.5	19.0	10.0	194 - 275	0.365	3650
4619400611	6	-	6	7/16"	11.0	24.0	12.0	224 - 315	0.396	4750
4619400712	7	9/32"	7	1/2"	12.7	25.0	14.5	250 - 350	0.592	6400
4619430816	8	5/16"	8	5/8"	12.7	32.5	17.0	308 - 435	1.002	8580
4619400816	8	5/16"	8	5/8"	16.0	35.0	17.0	310 - 437	1.116	8580
4619461020	10	-	-	3/4"	16.0	39.5	20.0	360 - 511	1.686	9430
4619401020	10	-	-	3/4"	19.0	45.0	20.0	365 - 516	1.689	9430
4619401220	12	-	-	3/4"	19.0	45.0	20.0	365 - 516	1.815	11000
4619401220HD	12	-	-	3/4"	19.0	45.0	20.0	358 - 509	2.026	13250
4619401422	14	9/16"	-	7/8"	22.0	54.0	24.0	436 - 613	3.266	16550
4619401625	16	5/8"	-	1"	25.4	66.0	26.0	457 - 678	4.304	21350

Wantenspanner mit geschlossener Edelstahlhülse und Bronze Gewindeeinsatz mit Walzterminal und Ballterminal (Vorstagterminal) (196-)

Closed Stainless Steel Bronze inserted Turnbuckle w/Ball, Wireterminal (196-)

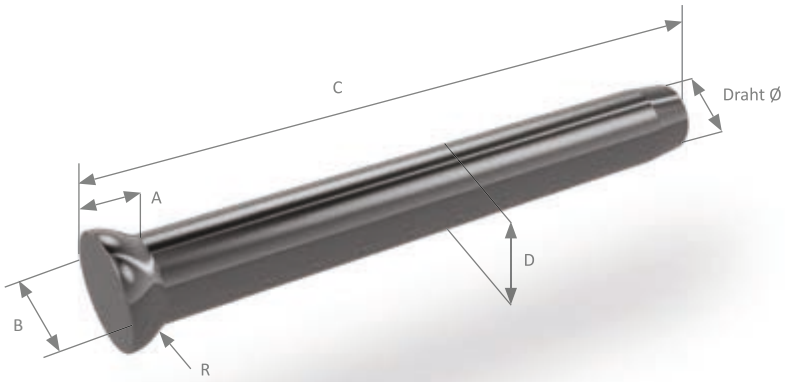


Artikel Nr.	Draht Ø			Gewinde UNF	D mm	R mm	T mm	Lmin. - Lmax. mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye							
4619600306	3	1/8"	3	1/4"	14.5	7.3	6.6	143 - 200	0.071	1200
4619600408	4	5/32"	-	5/16"	20.0	7.0	6.7	176 - 245	0.132	1550
4619600510	5	3/16"	-	3/8"	20.0	7.0	6.7	195 - 264	0.208	2350
4619600611	6	-	6	7/16"	21.5	10.8	8.6	227 - 307	0.342	4750
4619610626	6	-	6	7/16"	26.0	12.0	0.132	230 - 310	376	4750
4619600612	6	-	6	1/2"	20.0	7.0	6.7	242 - 328	0.447	5100
4619600626	6	-	6	1/2"	26.0	12.0	13.2	248 - 334	0.472	5100
4619600712	7	9/32"	7	1/2"	20.0	7.0	6.7	244 - 330	0.461	6400
4619600726	7	9/32"	7	1/2"	26.0	12.0	13.2	250 - 336	0.486	6400
4619600812	8	5/16"	-	1/2"	20.0	7.0	6.7	244 - 330	0.508	6400
4619600826	8	5/16"	-	1/2"	26.0	12.0	13.2	250 - 336	0.533	6400
4619601027	10	-	-	5/8"	27.0	13.5	14.8	325 - 441	0.925	9430
4619601227	12	-	-	3/4"	27.5	13.7	14.8	358 - 496	1.475	11000
4619601327	12,7	1/2"	-	3/4"	27.5	13.7	14.8	358 - 496	1.512	13100
4619601417	14	9/16"	-	7/8"	34.0	17.0	14.3	420 - 600	2.415	16550
4619601622	16	5/8"	-	1"	43.2	21.8	18.0	610 - 765	5.010	21350
4619601925	19	3/4"	-	1 1/4"	48.2	24.8	19.8	535 - 690	6.145	33150
4619602225	22	7/8"	-	1 1/4"	48.2	24.8	19.8	535 - 690	6.835	33150
4619602638	26	1"	-	1 1/2"	-	-	-	-	-	-



Ball - Terminal (WB- WDB-)

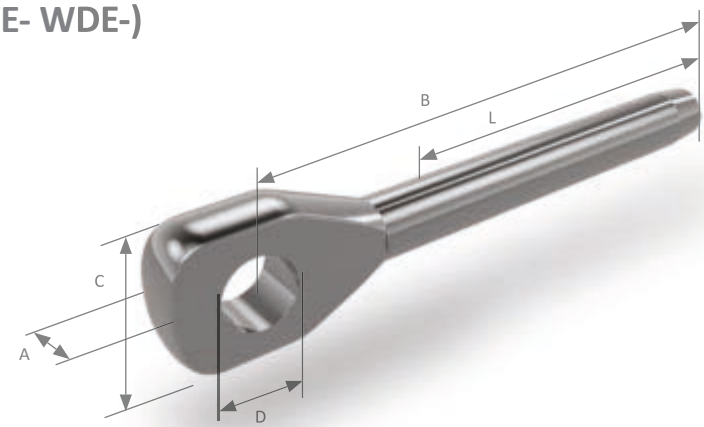
Ball Terminal (WB- WDB-)



Artikel Nr.	Draht Ø			A mm	B mm	C mm	D mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye						
46WB03106	3	1/8"	3	5.0	12.6	50.2	6.3	0.012	1200
46WB04007	4	5/32"	4	6.0	14.6	61.7	7.3	0.020	1550
46WDB04009	-	-	4	6.7	17.5	67.5	8.8	0.035	2750
46WB04909	5	3/16"	-	6.7	17.5	74.0	8.8	0.035	2350
46WDB05011	-	-	5	8.3	21.5	75.5	10.8	0.057	3900
46WB05611	5.5	7/32"	-	8.3	21.5	84.0	10.8	0.060	3550
46WB06011	6	-	6	7.6	21.5	89.0	10.8	0.082	5100
46WB06411	6.3	1/4"	1/4"	7.6	21.5	91.5	10.8	0.079	4920
46WB07011	7	9/32"	7	9.3	21.5	99.5	10.8	0.112	6200
46WB07012	7	9/32"	7	9.7	24.6	100.0	12.3	0.118	6850
46WB08014	8	5/16"	8	10.7	27.5	110.0	13.8	0.164	8550
46WB09516	9.5	3/8"	3/8"	12.6	31.5	125.0	15.8	0.227	9900
46WB10014	10	-	-	12.2	27.6	133.0	13.8	0.236	9600
46WB10016	10	-	-	11.8	31.5	134.0	15.8	0.236	9430
46WDB10018	-	-	10	13.8	35.6	135.0	17.8	0.318	12850
46WB11114	11.1	7/16"	-	13.2	27.6	142.5	13.8	0.267	10600
46WB11118	11.1	7/16"	-	13.8	35.5	142.5	17.8	0.307	11250
46WB12018	12	-	-	13.8	35.5	152.0	17.8	0.311	11000
46WB12020HD	12	-	-	15.4	39.5	159.0	19.8	0.414	13200
46WDB12022	-	-	12	17.4	43.6	160.5	21.8	0.604	19500
46WB12720	12.7	1/2"	-	15.4	39.5	167.0	19.8	0.412	13100
46WDB12722	-	-	1/2"	17.4	43.6	168.6	21.8	0.608	18380
46WB14122	14	9/16"	-	17.4	43.5	182.0	21.8	0.615	16550
46WB16025	16	5/8"	-	20.0	49.5	201.0	24.8	0.858	21350
46WB19025	19	3/4"	-	24.0	49.4	245.6	24.8	1.405	31245

Augterminal
(24- 44- WE- WDE-)

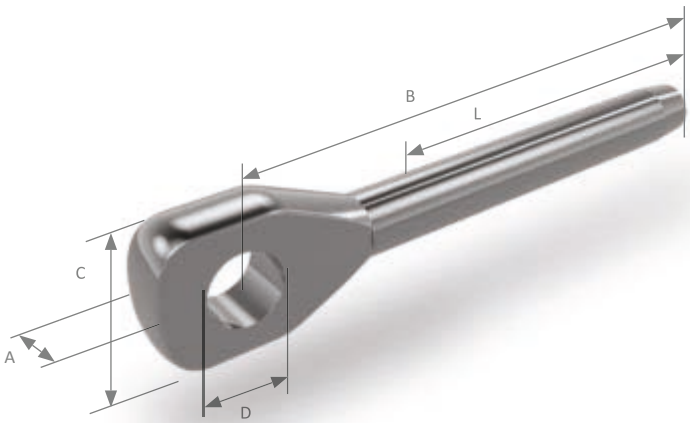
Eye Terminal
(24- 44- WE- WDE-)



Artikel Nr.	Draht Ø			Bolzen Ø inch	Ø D mm	A mm	B mm	C mm	DBS mm	Gewicht [kg]	Bruchlast [kg]
	mm	inch	Dye								
46240025	2.5	3/32"	-	1/4"	6.4	5.0	57.0	15.0	6.22 - 6.35	0.018	1200
46240003	3	1/8"	3	1/4"	6.4	5.0	55.5	15.0	6.22 - 6.35	0.017	1200
46240004	4	5/32"	-	5/16"	8.1	7.0	64.0	16.5	7.42 - 7.50	0.024	1570
46WDE04096	-	-	4	3/8"	9.6	8.0	72.0	21.5	9.00 - 9.11	0.050	2750
46240005	5	3/16"	-	3/8"	9.6	7.5	76.0	19.5	9.00 - 9.11	0.046	2350
46WDE05096	-	-	5	3/8"	9.6	9.0	77.0	21.5	10.72 - 10.85	0.071	3250
46441732	5.5	7/32"	-	3/8"	9.6	10.0	84.0	21.5	10.72 - 10.85	0.072	3550
46440732	5.5	7/32"	-	7/16"	11.1	10.0	84.0	21.5	10.72 - 10.85	0.070	3550
46241106	6	-	6	7/16"	11.3	10.0	90.0	24.5	12.42 - 12.55	0.098	5100
46240006	6	-	6	1/2"	12.8	10.0	86.0	24.5	12.42 - 12.55	0.104	5100
46440014	6.3	1/4"	1/4"	1/2"	12.8	11.0	93.0	24.0	-	0.102	4920
46443814	6.3	1/4"	-	3/8"	9.6	11.0	93.0	24.0	-	0.107	4500
46240007	7	9/32"	7	1/2"	12.8	10.0	100.0	27.0	12.50 - 12.70	0.128	6500
46241107	7	9/32"	-	7/16"	11.1	9.8	100.0	27.0	12.50 - 12.70	0.125	6100
46241308	8	5/16"	8	1/2"	12.8	10.0	108.0	29.0	14.07 - 14.30	0.169	7800
46240008	8	5/16"	8	5/8"	16.2	13.6	112.5	30.5	14.07 - 14.30	0.199	8550
46441238	9.5	3/8"	-	1/2"	12.8	13.5	130.5	33.0	-	0.262	9900
46440038	9.5	3/8"	-	5/8"	16.2	13.0	130.5	33.0	-	0.275	9900

Augterminal
(24- 44- WE- WDE-)

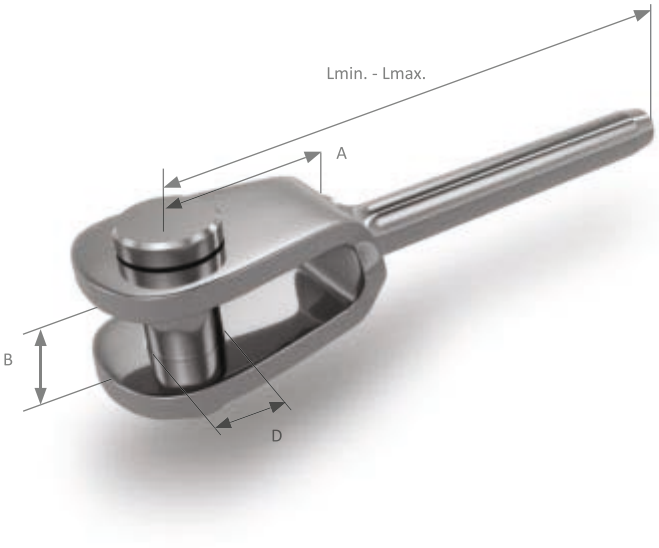
Eye Terminal
(24- 44- WE- WDE-)



Artikel Nr.	Draht Ø			Bolzen Ø inch	Ø D mm	A mm	B mm	C mm	DBS mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye								
46245810	10	-	-	5/8"	16.2	14.0	134.0	33.5	17.73 - 17.86	0.270	9400
46240010	10	-	-	3/4"	19.2	16.0	137.5	36.0	17.73 - 17.86	0.331	9400
46WDE1019	-	-	10	3/4"	19.2	16.4	141.5	37.0	19.63 - 19.83	0.363	12850
46440716	11.1	7/16"	-	3/4"	19.2	17.0	150.0	40.0	19.63 - 19.83	0.388	11250
46243412	12	-	-	3/4"	19.2	17.9	156.5	40.0	19.95 - 20.00	0.398	11000
46240012	12	-	-	7/8"	22.2	19.1	178.5	45.0	19.95 - 20.00	0.523	11000
46WE12220HD	12	-	-	7/8"	22.2	19.0	186.5	45.0	21.31 - 21.44	0.550	14300
46WDE1222	-	-	12	7/8"	22.2	19.0	-	44.0	24.88 - 25.00	0.760	19500
46440012	-	1/2"	-	3/4"	19.2	18.0	173.0	38.0	21.31 - 21.44	0.453	13100
46447812	-	1/2"	-	7/8"	22.2	19.9	186.5	42.0	21.31 - 21.44	0.569	13100
46243414	14	9/16"	-	3/4"	19.2	17.9	184.5	45.0	24.88 - 25.00	0.670	16550
46240014	14	9/16"	-	7/8"	22.2	19.0	180.5	42.0	24.88 - 25.00	0.650	16550
4624HD14	-	-	14	7/8"	22.2	19.0	193	43.5	-	0.703	21350
46242514	14	-	-	1"	25.6	21.0	189.4	52.0	24.88 - 25.00	0.840	22500
46240016	16	5/8"	-	1"	25.6	22.0	207.0	52.0	28.05 - 28.17	1.020	21350
46240019	19	3/4"	-	1 1/8"	28.7	25.0	233.0	55.0	34.40 - 34.50	1.760	30150
46240020	20	-	-	1 1/8"	28.7	25.0	239.0	55.0	34.40 - 34.50	1.550	31250
46240022	22	7/8"	-	1 1/4"	32.2	28.5	252.0	62.0	40.21 - 40.46	2.285	43000
46240026	25-26	1"	-	1 3/8"	35.5	32.0	314.0	69.0	45.77 - 46.02	3.450	46700

Gabelterminal (25- WF- WDF-)

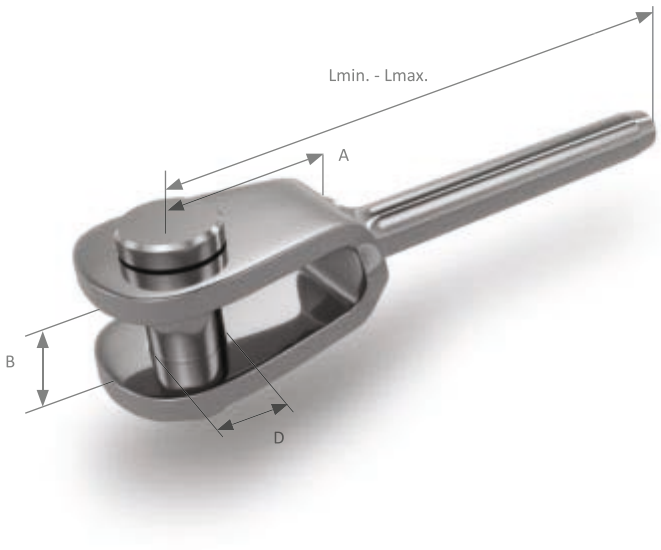
Fork Terminal (25- WF- WDF-)



Artikel Nr.	Draht Ø			D mm	A mm	B mm	L mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye						
46250025	2.5	3/32"	-	5.0	11.5	7.0	65.0	0.023	1284
46250053	3	1/8"	3	5.0	11.5	7.0	65.0	0.023	1089
46250003	3	1/8"	3	6.3	13.0	7.0	66.5	0.028	1089
46250054	4	5/32"	-	5.0	11.5	7.0	72.5	0.025	1437
46250064	4	5/32"	-	6.3	13.0	7.0	73.5	0.032	1437
46250004	4	5/32"	-	8.0	17.0	8.0	78.5	0.050	1437
46WDF4095	4	-	4	9.5	19.0	10.0	-	-	-
46250085	5	3/16"	-	8.0	17.0	8.0	85.5	0.058	2147
46250005	5	3/16"	-	9.5	19.0	10.0	87.5	0.076	2147
46WDF5011	5	-	5	11.0	24.0	12.0	-	-	-
46450732	5.5	7/32"	-	11.0	24.0	12.0	108.0	0.108	3117
46251006	6	-	6	9.5	19.0	10.0	100.0	0.116	4494
46251106	6	-	6	11.0	24.0	12.0	105.0	0.150	4494
46250006	6	-	6	12.7	25.0	14.5	106.0	0.176	4494
46450014	6.3	1/4"	1/4"	12.7	25.0	14.5	108.0	0.180	4332
46250007	7	9/32"	7	12.7	25.0	14.5	116.0	0.193	5736
46251108	8	5/16"	-	11.0	24.0	12.0	123.0	-	7138
462512708	8	5/16"	-	12.7	25.0	14.5	124.0	-	7138
46251308	8	5/16"	8	12.7	32.5	17.0	133.0	0.243	7138
46250008	8	5/16"	8	16.0	35.0	17.0	135.0	0.344	7138

Gabelterminal (25- WF- WDF-)

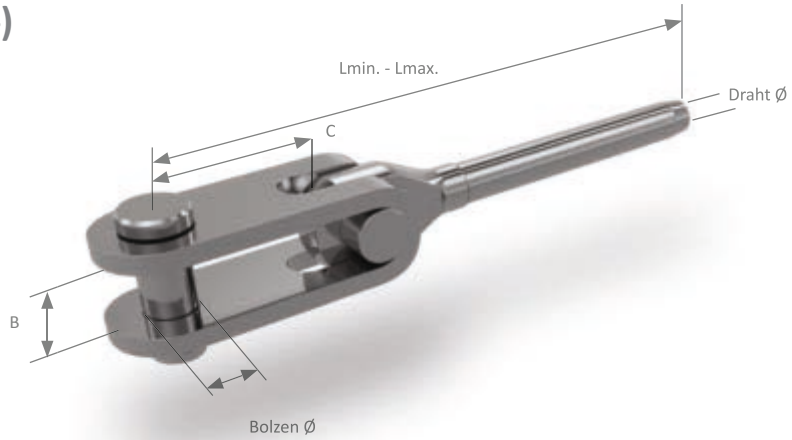
Fork Terminal (25- WF- WDF-)



Artikel Nr.	Draht Ø			D mm	A mm	B mm	L mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye						
46450038	9.5	3/8"	-	16.0	40.0	20.0	157.0	0.453	8245
46251610	10	-	-	16.0	40.0	20.0	166.0	0.514	7847
46250010	10	-	-	19.0	45.0	20.0	170.0	0.638	7847
46WDF1019	10	-	10	19.0	45.0	20.0	-	-	-
46450716	11.1	7/16"	-	19.0	45.0	20.0	170.0	0.670	9381
46251912	12	-	-	19.0	45.0	20.0	184.0	0.715	11006
46WF190120HD	12	-	-	19.0	45.0	20.0	184.0	0.660	13217
46250012	12	-	-	22.0	54.0	24.0	195.0	0.950	11006
46WDF1222	12	-	12	22.0	54.0	24.0	-	-	-
46WDF12722	12.7	-	1/2"	22.0	54.0	24.0	-	-	-
46250014	14	9/16"	-	22.0	54.0	24.0	220.0	1.213	16550
46250016	16	5/8"	-	25.0	66.0	26.0	251.0	1.878	17429
46WF280180	18	-	-	28.0	75.0	28.0	282.0	-	26996
46250019	19	3/4"	-	28.0	75.0	28.0	285.0	2.896	26996
46250020	20	-	-	28.0	75.0	28.0	292.0	-	25496
46250028	28	-	-	35.0	80.0	38.0	376.0	-	52106

Toggle - Terminal
(25- WDDT-)

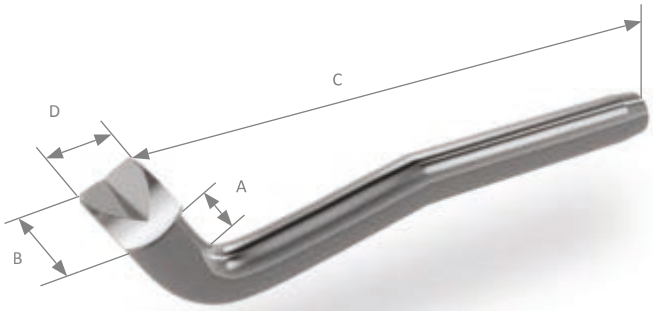
Toggle Terminal
(35- WDDT-)



Artikel Nr.	Druchmesser Ø			Bolzen Ø mm	C mm	B mm	L mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye						
46350003	3	1/8"	3	6.3	14.0	8.0	73.0	0.04	1200
46350004	4	5/32"	-	8.0	26.0	10.5	99.0	0.08	1550
46WDDT410	4	-	4	9.5	29.0	12.0	-	-	2750
46350005	5	3/16"	-	9.5	29.0	12.0	114.5	0.16	2350
46WDDT510	5	-	5	9.5	31.5	11.0	120.8	0.19	3250
46WDDT511	5	-	5	11.0	31.5	11.0	120.8	0.18	3250
46350732	5,5	7/32"	-	11.0	31.5	14.0	135.0	0.17	3550
46351106	6	-	6	11.0	31.5	14.0	136.0	0.27	5100
46350006	6	-	6	12.7	36.0	15.5	140.0	0.33	5100
46350014	6.3	1/4"	1/4"	12.7	36.0	15.5	124.0	0.28	4920
46350007	7	9/32"	7	12.7	34.5	15.5	152.5	0.34	6500
46351208	8	5/16"	8	12.7	33.5	15.5	160.5	0.68	7800
46350008	8	5/16"	8	15.9	35.0	18.0	167.0	0.58	8550
46350038	9.5	3/8"	3/8"	15.9	32.5	18.0	206.0	0.61	9900
46355810	10	-	-	15.9	32.5	18.0	188.0	0.69	9400
46350010	10	-	-	19.0	37.0	22.0	196.5	0.91	9400
46WDDT1019	10	-	10	19.0	37.0	22.0	-	-	12850

T - Terminal (26-)

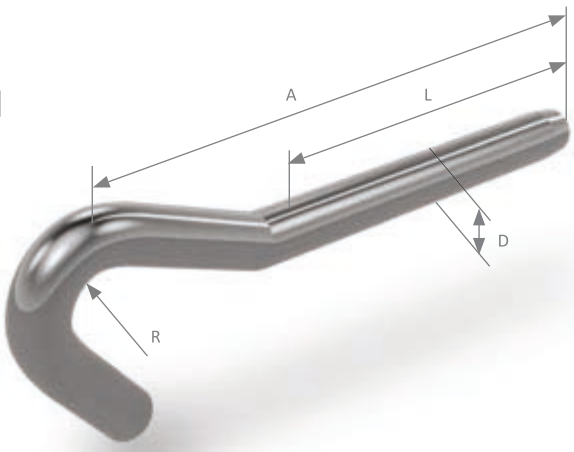
T-Terminal (26-)



Artikel Nr.	Draht Ø		A mm	B mm	C mm	D mm	Gewicht [kg]	Sichere Arbeitslast [kg]	Bruchlast [kg]
	mm	Inch							
46260002	2.0	-	6	17.0	78	5.7	0.021	325	600
46260025	2.5	7/32	7	17.0	78	6.4	0.023	450	690
46260003	3.0	1/8	8	17.0	78	6.4	0.021	550	830
46260004	4.0	5/32	8	17.5	101	7.5	0.038	750	1470
46260005	5.0	3/16	8	20.5	110	9.0	0.055	1150	2300
46460732	5.5	17/32	9	26.0	125	11.0	0.100	1450	2850
46260006	6.0	-	9	31.5	138	12.7	0.157	1650	3300
46460014	6.3	1/4	11	31.5	150	12.7	0.160	1850	3700
46260007	7.0	9/32	12.5	32.5	150	14.0	0.210	2050	4100
46260008	8.0	5/16	13.5	34.5	175	16.0	0.309	2500	5350
46460038	9.5	3/8	13	39.0	205	18.0	0.420	3250	7550
46260010	10.0	-	15	39.0	185	18.0	0.407	3600	8350

Hook Terminal (280-)

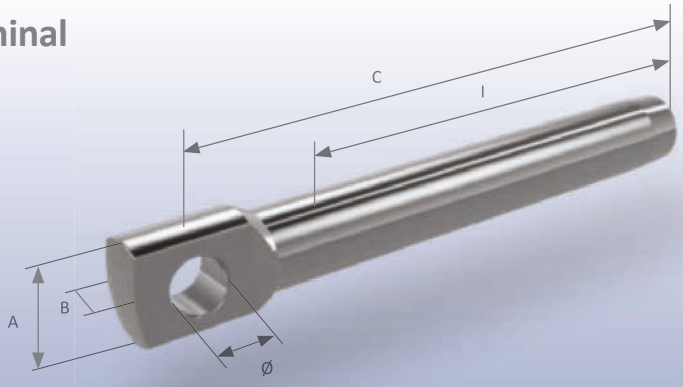
Hakenterminal (280-)



Artikel Nr.	Draht Ø mm	D mm	L mm	A mm	R mm	Gewicht [kg]	Sichere Arbeitslast [kg]
46280025	2.5	6.35	32	57.5	4	0.018	500
46280003	3.0	6.35	32	57.5	4	0.019	500
46280004	4.0	7.50	45	75.5	6	0.033	1000
46280005	5.0	9.00	51	101.0	6	0.063	1500

Rope Terminal (290-)

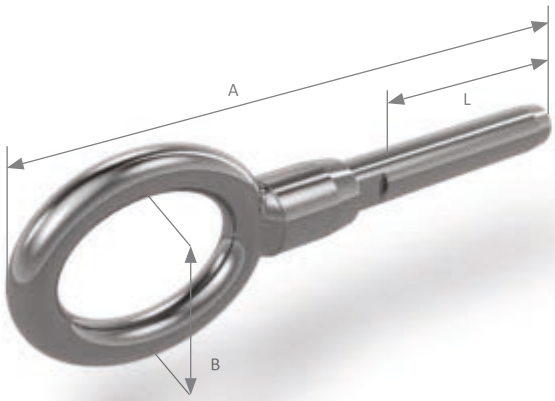
Reling Augterminal (290-)



Article No.	Draht Ø mm	Ø mm	A mm	B mm	C mm	D mm	L mm	Gewicht [kg]	Bruchlast [kg]
46290003	3	5.1	9.5	5.0	47	6.35	35	0.009	500
46290004	4	5.1	9.5	5.0	57	7.50	40	0.016	800

Ringterminal (300-)

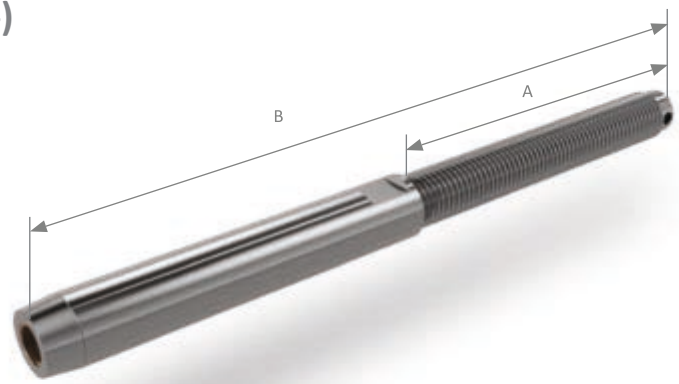
Lifeline Terminal (300-)



Artikel Nr.	Draht Ø mm	D mm	L mm	A mm	B mm	t mm	Gewicht [kg]	Bruchlast [kg]
46300003	3.0	6.35	32	90	24	6	0.045	1170
46300004	4.0	7.5	38	97	24	6	0.049	1600
46300005	5.0	9.11	45	106	24	6	0.058	2200
46300007	7.0	14.3	50	113	24	6	0.099	2360

Gewindeterminal
Metrisches Gewinde (21- 31- WS-)

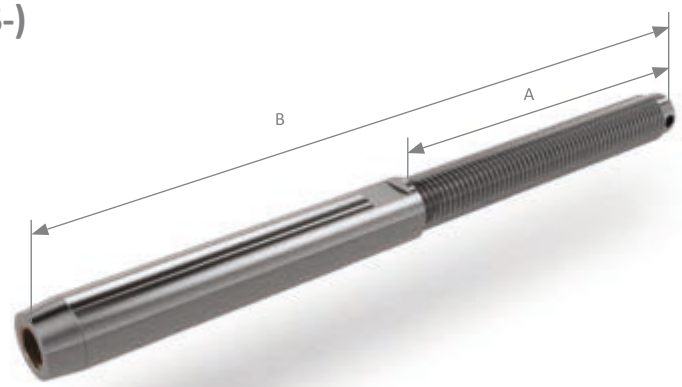
Threaded Swage Terminal,
Metric thread (21- 31- WS-)



Artikel Nr.	Draht Ø			Gewinde metrisch	A mm	B mm	DBS vor dem Walzen mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye						
46212505	2.5	3/32"	-	M5	43	87	6.22 - 6.35	0.014	880
46312505	2.5	3/32"	-	M5LH	43	87	6.22 - 6.35	0.014	880
46210306	3	1/8"	3	M6	48	98	6.22 - 6.35	0.018	1200
46310306	3	1/8"	3	M6 LH	48	98	6.22 - 6.35	0.018	1200
46210406	4	5/32"	-	M6	48	105	7.42 - 7.50	0.022	1300
46310406	4	5/32"	-	M6 LH	48	105	7.42 - 7.50	0.022	1300
46210408	4	5/32"	-	M8	55	112	7.42 - 7.50	0.031	1550
46310408	4	5/32"	-	M8 LH	55	112	7.42 - 7.50	0.031	1550
46210508	5	3/16"	-	M8	55	120	9.00 - 9.11	0.040	2350
46310508	5	3/16"	-	M8 LH	55	120	9.00 - 9.11	0.040	2350
46210510	5	3/16"	-	M10	63	128	9.00 - 9.11	0.054	2350
46310510	5	3/16"	-	M10 LH	63	128	9.00 - 9.11	0.054	2350
46210610	6	-	-	M10	63	143	12.42 - 12.55	0.092	3750
46310610	6	-	-	M10 LH	63	143	12.42 - 12.55	0.092	3750
46210612	6	-	6	M12	80	160	12.42 - 12.55	0.117	5100
46310612	6	-	6	M12 LH	80	160	12.42 - 12.55	0.117	5100
46210714	7	9/32"	7	M14	90	181	14.18 - 14.30	0.167	6500
46310714	7	9/32"	7	M14 LH	90	181	14.18 - 14.30	0.167	6500

Gewindeterminal
Metrisches Gewinde (21-31- WS-)

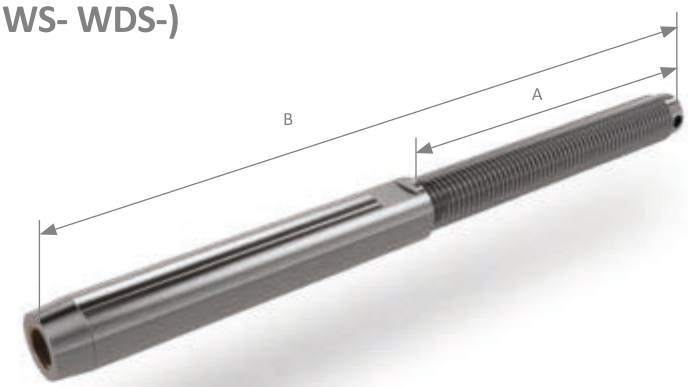
Threaded Swage Terminal,
Metric thread (21- 31- WS-)



Artikel Nr.	Draht Ø			Gewinde metrisch	A mm	B mm	DBS vor dem Walzen mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye						
46210812	8	5/16"	-	M12	80	178	16.01 - 16.13	0.305	5100
46210814	8	5/16"	-	M14	90	188	16.01 - 16.13	0.215	7100
46310814	8	5/16"	-	M14 LH	90	188	16.01 - 16.13	0.215	7100
46210816	8	5/16"	8	M16	101	199	16.01 - 16.13	0.251	8580
46310816	8	5/16"	8	M16 LH	101	199	16.01 - 16.13	0.251	8580
46211016	10	-	-	M16	101	220	17.73 - 17.86	0.290	9320
46311016	10	-	-	M16 LH	101	220	17.73 - 17.86	0.290	9320
46211020	10	-	-	M20	120	237	17.73 - 17.86	0.391	9430
46311020	10	-	-	M20 LH	120	237	17.73 - 17.86	0.391	9430
46211220	12	-	-	M20	120	254	19.95 - 20.00	0.463	10600
46311220	12	-	-	M20 LH	120	254	19.95 - 20.00	0.463	10600
46WS120M20HD	12	-	-	M20	120	254	21.31 - 21.44	0.515	12550
46WS120M20LHD	12	-	-	M20 LH	120	254	21.31 - 21.44	0.515	12550
46211424	14	9/16"	-	M24	156	317	24.88 - 25.00	0.860	16550
46311424	14	9/16"	-	M24 LH	156	317	24.88 - 25.00	0.860	16550
46211627	16	5/8"	-	M27	178	358	28.05 - 28.17	1.350	21350
46311627	16	5/8"	-	M27 LH	178	358	28.05 - 28.17	1.350	21350
46211930	19	3/4"	-	M30	209	420	34.40 - 34.50	2.170	30000
46311930	19	3/4"	-	M30 LH	209	420	34.40 - 34.50	2.170	30000
46212030	20	-	-	M30	209	420	34.40 - 34.50	2.150	30000
46312030	20	-	-	M30 LH	209	420	34.40 - 34.50	2.150	30000

Gewindeterminal
UNF Zoll Gewinde (23- 33- 43- WS- WDS-)

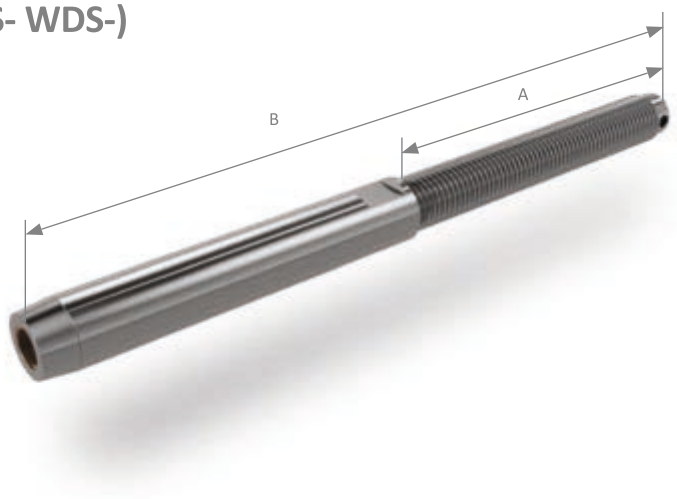
Threaded Swage Terminal,
UNF thread (23- 33- 43- WS- WDS-)



Artikel Nr.	Draht Ø			Gewinde UNF	A mm	B mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye					
46230306	3	1/8"	3	1/4"	48	98	0.018	1200
46330306	3	1/8"	3	1/4"LH	48	98	0.018	1200
46230406	4	5/32"	-	1/4"	48	105	0.023	1550
46330406	4	5/32"	-	1/4" LH	48	105	0.023	1550
46230408	4	5/32"	-	5/16"	55	112	0.030	1550
46330408	4	5/32"	-	5/16" LH	55	112	0.030	1550
46WDS40U516	4	-	4	5/16"	55	112	-	2450
46WDS40U516L	4	-	4	5/16" LH	55	112	-	2450
46230508	5	3/16"	-	5/16"	55	120	0.039	2350
46330508	5	3/16"	-	5/16" LH	55	120	0.039	2350
46230510	5	3/16"	-	3/8"	63	128	0.053	2350
46330510	5	3/16"	-	3/8" LH	63	128	0.053	2350
46WDS50U38	5	-	5;3/16"	3/8"	63	128	0.067	3650
46WDS50U38L	5	-	5;3/16"	3/8" LH	63	128	0.067	3650
46437320	5.5	7/32"	-	3/8"	63	140	0.072	3550
46230610	6	-	-	3/8"	63	143	0.092	3650
46330610	6	-	-	3/8" LH	63	143	0.092	3650
46230611	6	-	6	7/16"	71	151	0.112	4750
46330611	6	-	6	7/16" LH	71	151	0.112	4750
46230612	6	-	6	1/2"	80	163	0.137	5100
46330612	6	-	6	1/2" LH	80	163	0.137	5100
46431410	6.3	1/4"	-	3/8"	63	146	0.093	3650
46431411	6.3	1/4"	-	7/16"	71	154	0.113	4750

Gewindeterminal
UNF Zoll Gewinde (23- 33- 43- WS- WDS-)

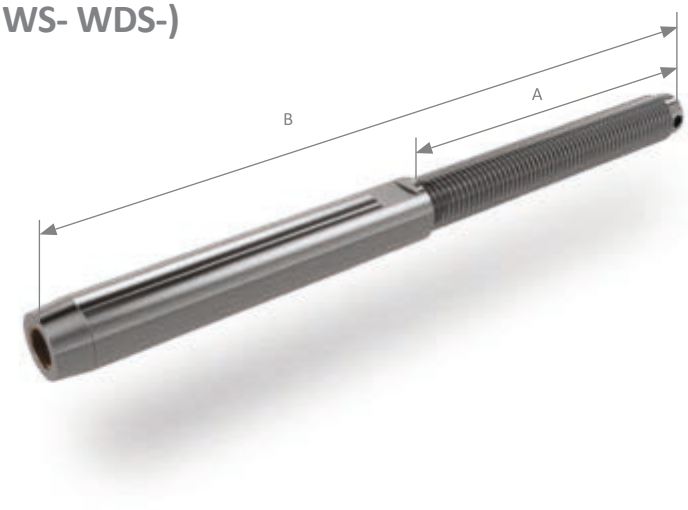
Threaded Swage Terminal,
UNF thread (23- 33- 43- WS- WDS-)



Artikel Nr.	Draht Ø			Gewinde UNF	A mm	B mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye					
46431412	6.3	1/4"	1/4"	1/2"	80	165	0.138	4920
46230711	7	9/32"	-	7/16"	71	163	0.132	4750
46330711	7	9/32"	-	7/16" LH	71	163	0.132	4750
46230712	7	9/32"	7;9/32"	1/2"	80	171	0.151	6400
46330712	7	9/32"	7;9/32"	1/2" LH	80	171	0.151	6400
46230812	8	5/16"	-	1/2"	80	178	0.198	6400
46330812	8	5/16"	-	1/2" LH	80	178	0.198	6400
46230816	8	5/16"	8	5/8"	101	199	0.262	8580
46330816	8	5/16"	8	5/8" LH	101	199	0.262	8580
46230916	9	-	-	5/8"	101	204	0.283	9850
46330916	9	-	-	5/8" LH	101	204	0.283	9850
46433816	9.5	3/8"	-	5/8"	101	213	0.302	9850
46433820	9.5	3/8"	3/8"	3/4"	120	232	0.408	9900
46231016	10	-	-	5/8"	101	218	0.310	9430
46331016	10	-	-	5/8" LH	101	218	0.310	9430
46231020	10	-	-	3/4"	120	237	0.414	9430
46331020	10	-	-	3/4" LH	120	237	0.414	9430
46WDS100U34	10	-	10	3/4"	120	245	0.475	12850
46WDS100U34L	10	-	10	3/4" LH	120	245	0.475	12850
46437160	11.1	7/16"	-	3/4"	120	245	0.475	11250
46431220	12.7	1/2"	-	3/4"	120	262	0.494	13100
46431222	12.7	1/2"	-	7/8"	140	295	0.621	13100

Gewindeterminal
UNF Zoll Gewinde (23- 33- 43- WS- WDS-)

Threaded Swage Terminal,
UNF thread (23- 33- 43- WS- WDS-)



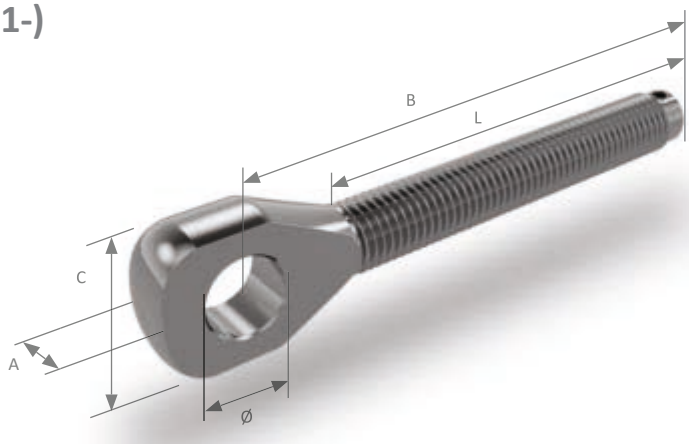
Artikel Nr.	Draht Ø			Gewinde UNF	A mm	B mm	Gewicht [kg]	Bruchlast [kg]
	mm	Inch	Dye					
46231220	12	-	-	3/4”	120	254	0.457	10600
46331220	12	-	-	3/4” LH	120	254	0.457	10600
46WS120U34HD	12	-	-	3/4”	120	254	0.478	12550
46WS120U34LHD	12	-	-	3/4” LH	120	254	0.478	12550
46WS120U78HD	12	-	-	7/8”	130	274	0.702	12550
46WS120U78LHD	12	-	-	7/8” LH	130	274	0.702	12550
46WDS12U78	12	-	12	7/8”	143	285	0.860	17500
46WDS12U78L	12	-	12	7/8” LH	143	285	0.860	17500
46WDS127U1	12.7	-	1/2”	1”	160	302	-	18400
46WDS127U1L	12.7	-	1/2”	1” LH	160	302	-	18400
46231422	14	9/16”	-	7/8”	140	302	0.859	16550
46331422	14	9/16”	-	7/8” LH	140	302	0.859	16550
46231625	16	5/8”	-	1”	160	323	1.059	21350
46331625	16	5/8”	-	1” LH	160	323	1.059	21350
46WDS16U54	16	-	16	1 1/4”	179	364	2.240	37200
46WDS16U54L	16	-	16	1 1/4” LH	179	364	2.240	37200
46221929	19	3/4”	-	1 1/8”	209	455	2260	29650
46WS19U54	19	3/4”	-	1 1/4”	179	389	2.210	33150
46WS19U54L	19	3/4”	-	1 1/4” LH	179	389	2.210	33150
46WDS19U32	19	-	19;3/4”	1 1/2”	182	406	3.470	49100
46WDS19U32L	19	-	19;3/4”	1 1/2” LH	182	406	3.470	49100
46WS22U54	22	7/8”	-	1 1/4”	179	420	2.900	37200
46WS22U54L	22	7/8”	-	1 1/4” LH	179	420	2.900	37200
46WS26U32	26	1”	-	1 1/2”	183	466	4.400	54725
46WS26U32L	26	1”	-	1 1/2” LH	183	466	4.400	54725



Photo courtesy of J-Boats

Augterminal
mit metrischem Gewinde (11-)

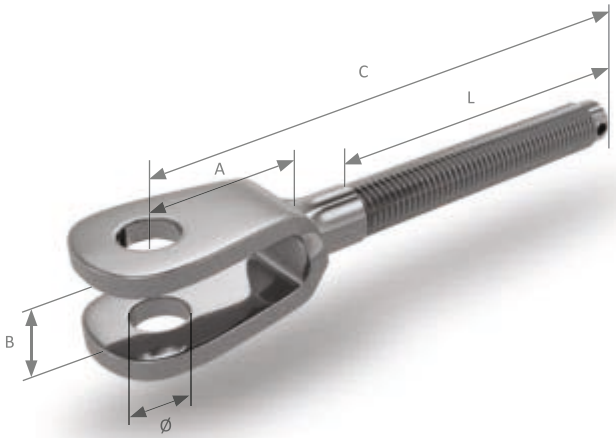
Threaded Eye,
Metric thread (11-)



Artikel Nr.	Gewinde metrisch	Ø mm	A mm	B mm	C mm	L mm	Gewicht [kg]	Bruchlast [kg]
461100065	M6LH	6.4	5	66	0.015	48	20	1400
461100085	M8LH	8.1	7	78	0.017	55	40	2500
461100105	M10LH	9.6	8,5	91	0.019	63	69	3450
461100125	M12LH	12.8	11	112	0.024	80	128	5650
461100145	M14LH	12.8	11	121	0.025	90	168	6350
461113165	M16 LH	12.8	11	135	28	101	234	7500
461100165	M16LH	16.2	13,5	138	0.030	101	274	8800
461116205	M20 LH	16.2	14	163	34	120	421	15850
461100205	M20LH	19.2	18	165	0.040	120	537	22000

Gabelterminal
mit metrischem Gewinde (11-)

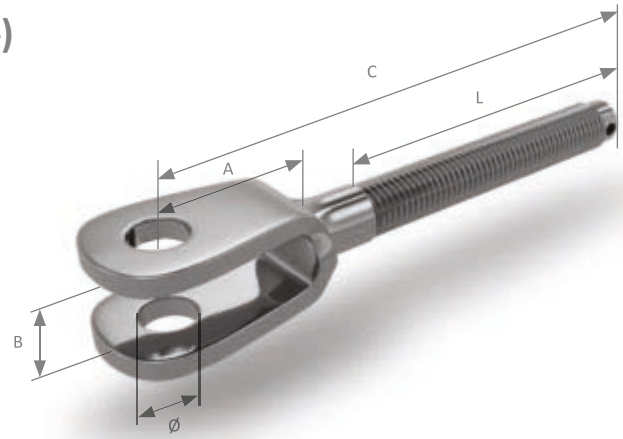
Threaded Fork,
Metric thread (11-)



Artikel Nr.	Gewinde metrisch	Ø mm	A mm	B mm	C mm	L mm	Gewicht [kg]	Bruchlast [kg]
461100056	M5 LH	5.2	12	7.5	0.065	43	15	880
461100057	M5	5.2	12	7.5	0.065	43	15	880
461100566	M6 LH	5.2	12	7.5	0.071	48	19	1300
461100567	M6	5.2	12	7.5	0.071	48	19	1300
461100066	M6 LH	6.5	13	7.5	0.072	48	20	1300
461100067	M6	6.5	13	7.5	0.072	48	20	1300
461100686	M8 LH	6.5	13	7.5	0.082	55	33	2200
461100687	M8	6.5	13	7.5	0.082	55	33	2200
461100086	M8 LH	8.3	16	8.0	0.086	55	46	2350
461100087	M8	8.3	16	8.0	0.086	55	46	2350
461108106	M10 LH	8.3	16	8.0	0.094	63	60	3550
461108107	M10	8.3	16	8.0	0.094	63	60	3550
461100106	M10 LH	9.8	19	10.5	0.096	63	73	3700
461100107	M10	9.8	19	10.5	0.096	63	73	3700
461113126	M12 LH	10.5	23	13.5	122	80	122	5250
461113127	M12	10.5	23	13.5	122	80	122	5250
461100126	M12 LH	13.1	25	14.5	0.125	86	145	5250
461100127	M12	13.1	25	14.5	0.125	86	145	5250
461100146	M14 LH	13.1	25	14.5	0.135	90	181	6900
461100147	M14	13.1	25	14.5	0.135	90	181	6900
461158146	M14 LH	16.4	37	17.0	148	90	252	7100
461158147	M14	16.4	37	17.0	148	90	252	7100
461113166	M16 LH	13.1	33	17.0	156	101	282	8950

Gabelterminal
mit metrischem Gewinde (11-)

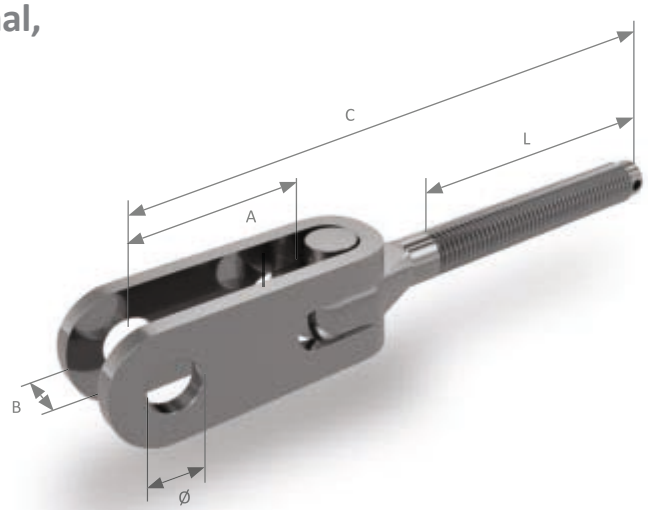
Threaded Fork,
Metric thread (11-)



Artikel Nr.	Gewinde metrisch	Ø mm	A mm	B mm	C mm	L mm	Gewicht [kg]	Bruchlast [kg]
461113167	M16	13.1	33	17.0	156	101	282	8950
461100166	M16 LH	16.4	37	17.0	0.158	101	307	9300
461100167	M16	16.4	37	17.0	0.158	101	307	9300
461116206	M20 LH	16.4	40	20.0	182	120	520	13870
461116207	M20	16.4	40	20.0	182	120	520	13870
461100206	M20 LH	19.2	45	20.0	0.187	120	588	13870
461100207	M20	19.2	45	20.0	0.187	120	588	13870
461100306	M30 LH	32.8	70	35.0	0.350	232	2574	30000
461100307	M30	32.8	70	35.0	0.350	232	2574	30000

Toggle - Terminal
mit metrischem Gewinde (14-)

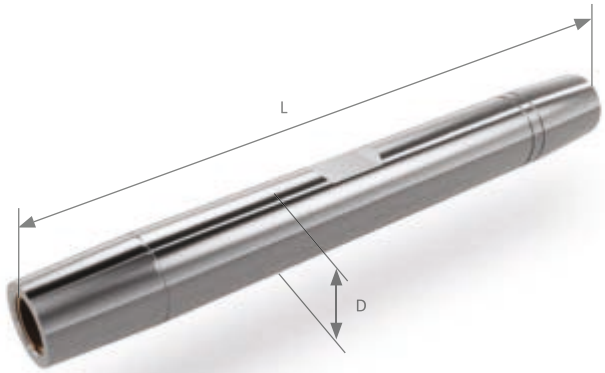
Threaded Toggle Terminal, Metric thread (14-)



Artikel Nr.	Gewinde metrisch	Ø mm	A mm	B mm	C mm	L mm	Gewicht [kg]	Bruchlast [kg]
461400066	M6LH	6.3	14.0	8.5	92	48	0.032	1200
461400088	M8LH	8.0	26.0	10.5	111	55	0.080	2350
461400108	M10LH	9.5	29.5	12.0	130	63	0.157	3700
461400128	M12LH	12.7	35.5	15.5	160	80	0.272	5250
461400148	M14LH	12.7	34.0	15.5	170	90	0.310	6500
461413168	M16LH	12.7	33.0	15.5	182	101	0.351	7500
461400168	M16LH	16.0	34.5	18.0	189	101	0.542	8800
461416208	M20LH	16.0	32.0	18.0	212	120	0.605	13400
461400208	M20LH	19.0	36.5	22.0	236	120	0.942	13870

Geschlossene Edelstahlhülse mit metrischem Gewinde (11-)

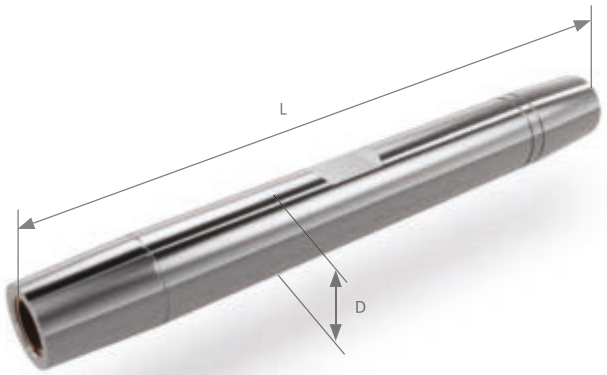
Closed Stainless Steel Body, Metric thread (11-)



Artikel Nr.	Gewinde metrisch	D mm	L mm	SW mm	Gewicht [kg]	Bruchlast [kg]
46110005-1	M5	8.0	85	6	00.2	1350
46110006-1	M6	9	96	8	0.03	1850
46110008-1	M8	12	106	10	0.05	3000
46110010-1	M10	15	124	13	0.11	4750
46110012-1	M12	18	155	16	0.19	7150
46110014-1	M14	20	170	18	0.24	7600
46110016-1	M16	24	190	19	0.41	9550
46110020-1	M20	28	225	24	0.55	12350

Geschlossene Edelstahlhülse mit UNF Zoll Gewinde (12-)

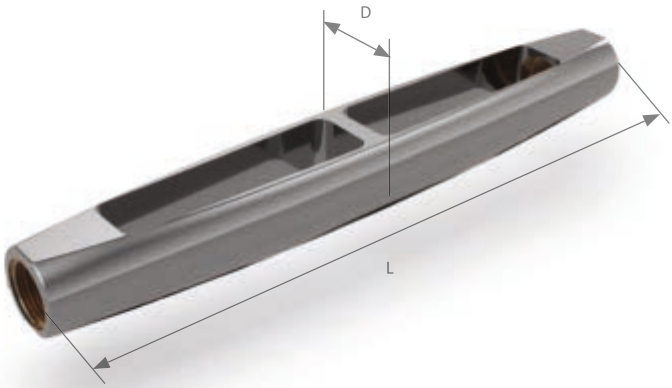
Closed Stainless Steel Body, UNF thread (12-)



Artikel Nr.	Gewicht UNF	D mm	L mm	SW mm	Gewicht [kg]	Bruchlast [kg]
46120006-1	1/4"	9	96	8	0.028	1600
46120008-1	5/16"	12	106	10	0.058	3000
46120010-1	3/8"	14	124	11	0.090	3500
46120011-1	7/16"	16	140	14	0.128	5000
46120012-1	1/2"	19	155	16	0.207	7350
46120016-1	5/8"	24	190	19	0.407	9600
46120020-1	3/4"	28	225	24	0.615	12800

Offene Bronzehülse mit UNF Zoll Gewinde (18-)

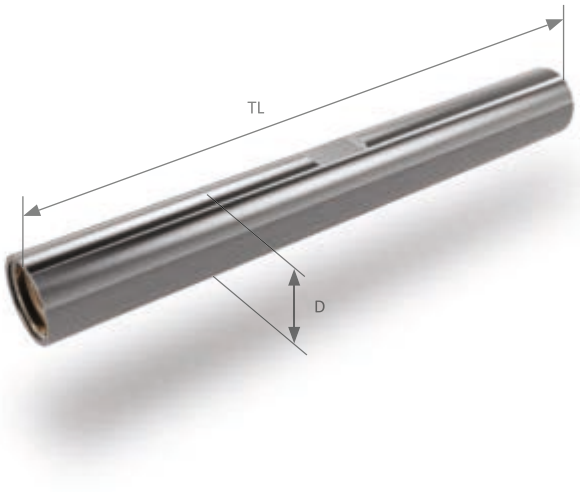
Open Chromed Bronze Body, UNF thread (18-)



Artikel Nr.	Gewinde UNF	D mm	L mm	SW mm	Gewicht [kg]	Bruchlast [kg]
46180006-1	1/4"	14.0	99	9	0.035	2300
46180008-1	5/16"	17.0	114	11	0.060	3400
46180010-1	3/8"	21.0	130	13.4	0.100	4200
46180011-1	7/16"	24.0	147	15.1	0.145	5600
46180012-1	1/2"	27.0	165	17.4	0.200	7500
46180016-1	5/8"	32.0	207	20.7	0.340	10200
46180020-1	3/4"	38.0	246	25.4	0.625	13250
46180022-1	7/8"	45.3	290	30	1.045	19300

Geschlossene Edelstahlhülse mit Bronzeeinsatz mit UNF Zoll Gewinde (19-)

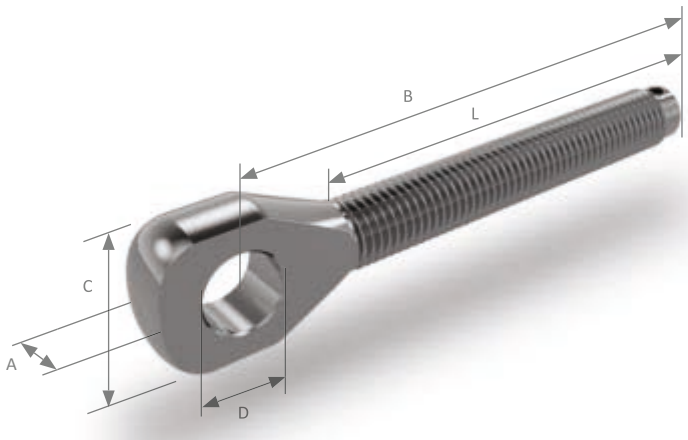
Closed Stainless Steel Bronze inserted Body, UNF thread (19-)



Artikel Nr.	Gewinde UNF	TL mm	SW mm	D mm	Gewicht [kg]	Bruchlast [kg]	Sicherungs-mutter LG Artikel Nr.	Sicherungs-mutter RG
46190006	1/4”	99	10	12.7	0.52	2550	461900UL8	461900U8
46190008	5/16”	114	11	13.8	0.89	3200	461900UL10	461900U10
46190010	3/8”	130	13	15.6	0.12	3700	461900UL12	461900U12
46190011	7/16”	147	16	17.5	0.17	5000	461900UL14	461900U14
46190012	1/2”	165	18	19.9	0.23	7150	461900UL16	461900U16
46190016	5/8”	207	21	24.8	0.47	10000	461900UL20	461900U20
46190020	3/4”	246	27	32.7	1.02	14700	461900UL24	461900U24
46190022	7/8”	290	32	36.0	1.30	20550	461900UL28	461900U28
46190025	1”	301	36	43.0	2.07	25900	461900UL32	461900U32
46190025-2	1”	320	36	43.0	2.22	25900	461900UL32	461900U32
46190028	1 1/8”	360	41	46.0	2.63	30850	461900UL36	461900U36
46190032	1 1/4”	327	46	51.8	3.13	39050	461900UL40	461900U40
46190032-2	1 1/4”	410	46	51.8	3.85	39050	461900UL40	461900U40
46190035	1 3/8”	350	50	56.5	4.13	44950	461900UL44	461900U44
46190035-2	1 3/8”	460	50	56.5	5.40	44950	461900UL44	461900U44
46190038	1 1/2”	350	50	59.6	4.54	53450	461900UL48	461900U48
46190038-2	1 1/2”	490	50	59.2	6.35	53450	461900UL48	461900U48

Aug-Gewindeterminal mit UNF Zoll Gewinde (13-)

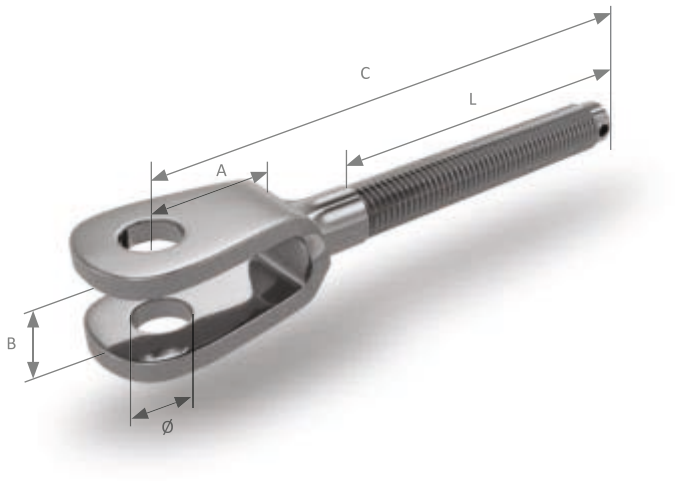
Threaded Eye, UNF thread (13-)



Artikel Nr.	Gewinde UNF	D mm	A mm	B mm	C mm	L mm	Gewicht [kg]	Bruchlast [kg]
461300065	1/4"LH	6.4	4	63	15	47	0.02	1400
461300085	5/16"LH	8.1	7	78	15.7	55	0.04	2300
461308105	3/8"LH	8.1	7	85	17	68	0.05	3550
461300105	3/8"LH	9.6	8.5	91	19	63	0.06	3550
461310115	7/16"LH	9.6	9	100	22	71	0.09	4650
461300115	7/16"LH	11.1	10	100	22	71	0.09	4650
461300125	1/2"LH	12.8	11	110	24	80	0.13	5900
461313165	5/8"LH	12.8	11	132	28	101	0.23	7300
461314165	5/8"LH	14.4	13.5	138	30	101	0.24	9000
461300165	5/8"LH	16.2	13.5	138	30	101	0.27	9000
461316205	3/4"LH	16.2	14	162	34	120	0.40	12500
461300205	3/4"LH	19.2	17.2	165	40	120	0.45	14150
461320225	3/4"LH	22.3	19.4	168	42	120	0.53	13050
461300225	7/8"LH	22.3	19.7	198	45	144	0.75	18000
461300225-1	7/8"LH	22.3	19.5	205.5	45.5	161	0.8	18000
461300255	1"LH	25.6	21.5	208	48	150	1.00	23000
461300285-2	1_1/8"LH	28.8	25	262	55.2	200	1.69	30000
461300325	1 1/4"LH	32.0	29	250	62	180	2.00	37200
461300355	1 1/2"LH	35.2	32	272	69	190	3.05	50000

Gabel-Gewindeterminal mit UNF Zoll Gewinde (13-)

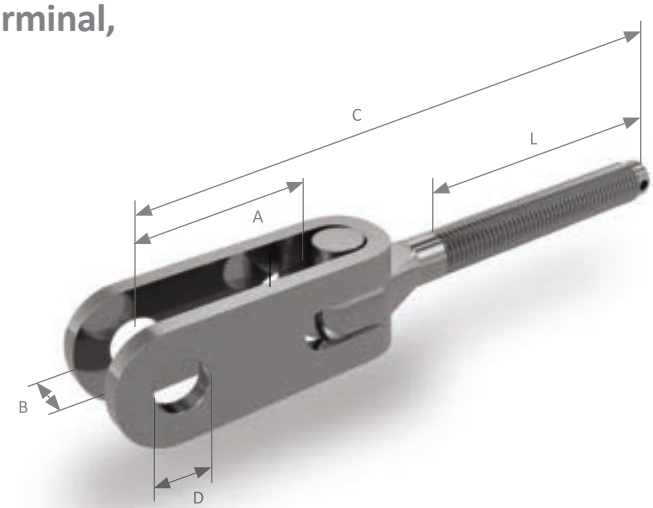
Threaded Fork, UNF thread (13-)



Artikel Nr.	Gewinde UNF	Ø mm	A mm	B mm	C mm	L mm	Gewicht [kg]	Bruchlast [kg]
461300067	UNF 1/4"	6.5	13.0	7.0	72	48	0.023	1550
461300066	UNF 1/4"LH	6.5	13.0	7.0	72	48	0.023	1550
461300087	UNF 5/16"	8.3	17.0	8.0	86	55	0.044	2450
461300086	UNF 5/16" LH	8.3	17.0	8.0	86	55	0.044	2450
461300107	UNF 3/8"	9.8	19.0	10.0	96	63	0.071	3540
461300106	UNF 3/8" LH	9.8	19.0	10.0	96	63	0.071	3540
461300117	UNF 7/16"	11.4	24.0	12.0	114	71	0.118	4750
461300116	UNF 7/16" LH	11.4	24.0	12.0	114	71	0.118	4750
461300127	UNF 1/2"	13.1	25.0	14.5	125	80	0.157	6450
461300126	UNF 1/2" LH	13.1	25.0	14.5	125	80	0.157	6450
461313167	UNF 5/8"	13.1	32.5	17.0	155	101	0.280	9300
461313166	UNF 5/8" LH	13.1	32.5	17.0	155	101	0.280	9300
461300167	UNF 5/8"	16.4	35.0	17.0	158	101	0.309	9300
461300166	UNF 5/8" LH	16.4	35.0	17.0	158	101	0.309	9300
461316207	UNF 3/4"	16.4	39.5	20.0	181	120	0.508	14050
461316206	UNF 3/4" LH	16.4	39.5	20.0	181	120	0.508	14050
461300207	UNF 3/4"	19.2	45.0	20.0	186	120	0.574	14350
461300206	UNF 3/4" LH	19.2	45.0	20.0	186	120	0.574	14350
461300227	UNF 7/8"	22.0	54.0	24.0	237	155	0.985	18300
461300226	UNF 7/8" LH	22.0	54.0	24.0	237	155	0.985	18300
461300257	UNF 1"	25.0	66.0	26.0	277	180	1.600	23000
461300256	UNF 1" LH	25.0	66.0	26.0	277	180	1.600	23000

Toggle-Gewindeterminal mit UNF Zoll Gewinde (16-)

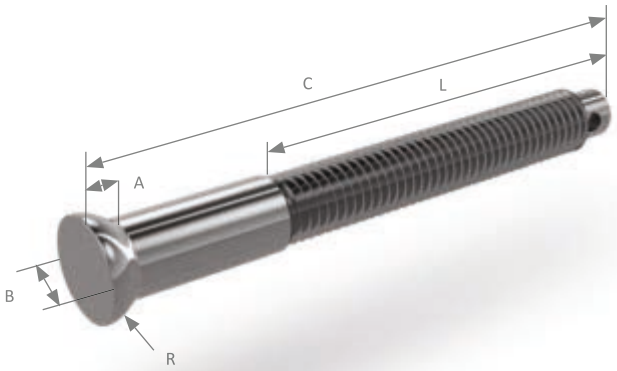
Threaded Toggle Terminal, UNF thread (16-)



Artikel Nr.	Gewinde UNF	D mm	A mm	B mm	C mm	L mm	Gewicht [kg]	Bruchlast [kg]
461600066	1/4”LH	6.3	14.0	8.5	77	47	0.033	1200
461600088	5/16”LH	8.0	26.0	10.5	111	55	0.082	2450
461600108s	3/8”LH	9.5	32.8	11.0	135	62.5	0.185	3540
461600118	7/16”LH	11.0	31.5	14.0	142	71	0.201	4750
461600128s	1/2”LH	12.7	38.9	14.0	162	80	0,356	5900
461613168	5/8”LH	12.7	33.0	15.5	182	101	0.370	7500
461600168s	5/8”LH	15.9	39.2	17.5	194	101	0,675	9000
461616208	3/4”LH	16.0	32.5	18.0	212	120	0.713	13400
461600208s	3/4”LH	19.1	53.5	18.0	221	120	1.05	14350
461622208	3/4”LH	22.0	65.0	24.0	261	120	1.26	14350
461600228s	7/8”LH	22.2	65.6	24.0	288	144	1.78	18300
461600258	1”LH	25.4	59.0	27.5	296	150	2.20	23000
461600288	1 1/4”LH	28.6	70.5	31.5	342	180	4.12	35250
461600288-2	1 1/8”LH	28.6	72.0	31.5	362	200	3.49	35250
461600328	1 1/4”LH	31.8	70.5	34.5	353	180	4.14	35250
461600358	1 1/2”LH	34.9	85.5	42.0	395	190	8.67	49000

Ball-Gewindeterminal mit UNF Zoll Gewinde (27-)

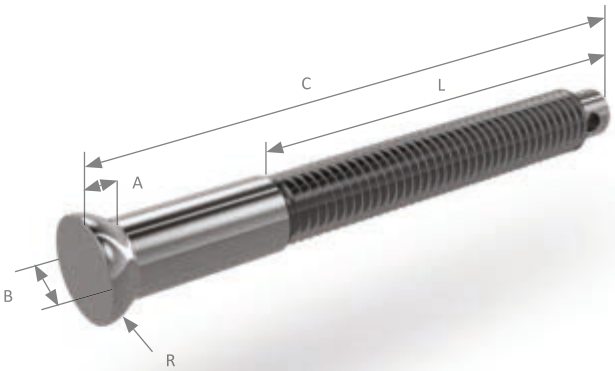
Threaded Ball Terminal, UNF thread (27-)



Artikel Nr.	Gewinde UNF	A mm	B mm	C mm	R mm	L mm	Gewicht [kg]	Bruchlast [kg]
46270306	UNF 1/4"LH	5.6	14.0	68	7.8	48	0.02	1550
46270408	UNF 5/16"LH	6.0	17.8	93	9.8	57	0.04	2450
46WB8-U10	UNF 5/16"LH	6.7	15.3	93	7.8	63	0.04	2300
46270510	UNF 3/8"LH	6.0	19.0	98	7.0	63	0.06	3650
46273805	UNF 3/8"LH	8.0	18.0	104	8.0	75	0.06	3650
46273885	UNF 3/8"LH	8.0	23.5	104	8.0	75	0.07	3650
46WB9-U12	UNF 3/8"LH	7.5	17.5	100	8.8	63	0.06	3650
46WB11-U14	UNF 7/16"LH	8.6	21.6	120	11.0	81	0.10	4750
46WB13-U14	UNF 7/16"LH	11.0	24.2	120	12.3	81	0.11	4750
46271106	UNF 7/16"LH	12.0	26.0	124	12.0	81	0.12	4750
46WB11-U16	UNF 1/2"LH	8.7	21.5	120	11.0	81	0.13	6400
46271206	UNF 1/2"LH	12.0	26.0	124	12.0	85	0.13	6400
46271207	UNF 1/2"LH	9.5	24.0	128	12.5	85	0.13	6400
46271207-1	UNF 1/2"LH	10.0	24.2	128	12.3	85	0.13	6400
4628271206	UNF 1/2"LH	12.5	28.0	125	14.0	85	0.14	6400
46270816	UNF 5/8"LH	9.0	27.5	142	10.5	103	0.22	9750

Ball-Gewindeterminal mit UNF Zoll Gewinde (27-)

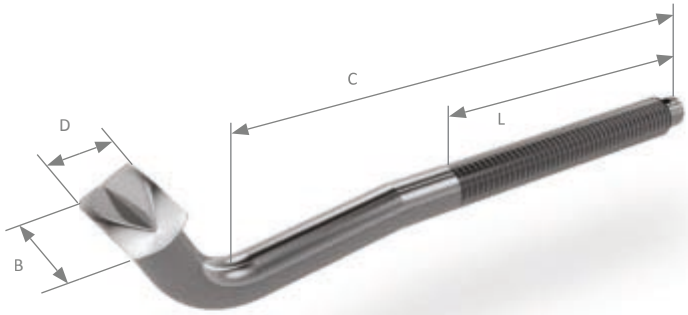
Threaded Ball Terminal, UNF thread (27-)



Artikel Nr.	Gewinde UNF	A mm	B mm	C mm	R mm	L mm	Gewicht [kg]	Bruchlast [kg]
46WB15-U20-1	UNF 5/8"LH	12.4	29.1	175	14.8	114	0.29	9750
46WB16-U20-1	UNF 5/8"LH	13.0	29.9	170	15.8	116	0.30	9750
46275808	UNF 5/8"LH	14.0	27.0	172	13.5	110	0.28	9750
46273410	UNF 3/4"LH	14.0	27.5	179	14.0	120	0.39	13000
46273415	UNF 3/4"LH	12.7	29.5	190	14.8	133	0.44	13000
46273416	UNF 3/4"LH	14.0	31.5	180	15.8	120	0.42	13000
46273416-1	UNF 3/4"LH	14.0	31.5	195	15.8	140	0.45	13000
46273418	UNF 3/4"LH	15.8	35.2	191	17.8	121	0.48	13000
4665277812	UNF 7/8"LH	14.3	34.0	170	17.0	110	0.51	18500
4665277812-1	UNF 7/8"LH	15.0	33.5	221	16.9	160	0.70	18500
46WB20-U32-1	UNF 1"LH	17.8	39.6	244	19.8	176	1.02	22000
46272522	UNF 1"LH	18.0	43.2	225	21.8	150	0.91	22000
46272522-1	UNF 1"LH	18.9	43.2	247	21.8	170	1.06	22000
46272525	UNF 1"LH	22.0	49.2	225	24.8	150	1.02	22000
46273225	UNF 1 1/4"LH	19.8	49.2	256	24.8	175	1.70	35100

T - Gewindeterminal
mit UNF Zoll Gewinde (2612-)

Threaded T-terminal
UNF thread (2612-)

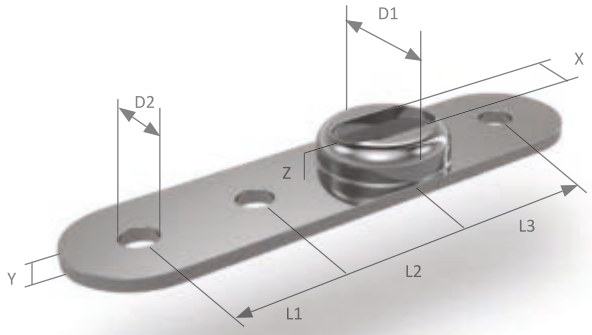


Artikel Nr.	Gewinde UNF	D mm	B mm	C mm	L mm	Gewicht [kg]	Bruchlast [kg]
46261206	UNF 1/4"LH	6.35	17.0	89	48	0.025	1450
46261208	UNF 5/16"LH	8.00	17.5	105	55	0.045	2250
46261210	UNF 3/8"LH	9.00	20.5	120	63	0.075	3400
46261211	UNF 7/16"LH	12.7	31.5	148	71	0.170	4350
46261312	UNF 1/2"LH	12.7	31.5	155	80	0.185	6150



T - Terminal Gegenplatten 70

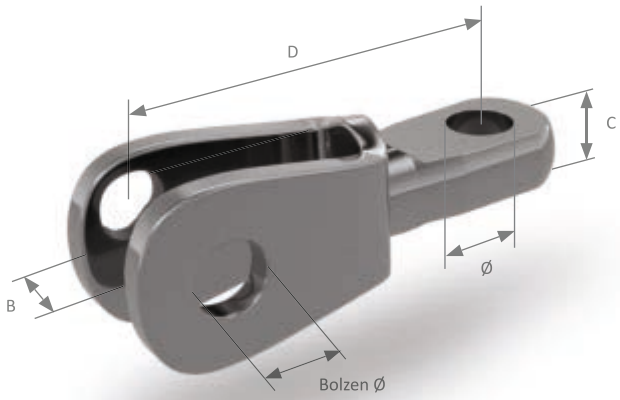
Backing Plate for T-terminals 70



Artikel Nr.	Größe mm	W mm	X mm	Y mm	Z mm	D1 mm	D2 mm	L1 mm	L2 mm	L3 mm
46700034	3.0 / 4.0	-	9.0	3.0	5.0	20.5	5.2	17.0	21.5	21.5
46700005	5.0	-	10.0	3.0	5.0	20.5	5.2	17.0	21.5	21.5
46700006	6.0	-	13.5	3.0	6.5	30.6	6.8	22.0	28.0	30.0
46700007	7.0	23.0	15.0	4.0	10.5	39.2	6.8	20.0	37.0	34.0
46700008	8.0	23.0	17.0	4.0	10.5	39.2	6.8	20.0	37.0	34.0

Toggle (81-)

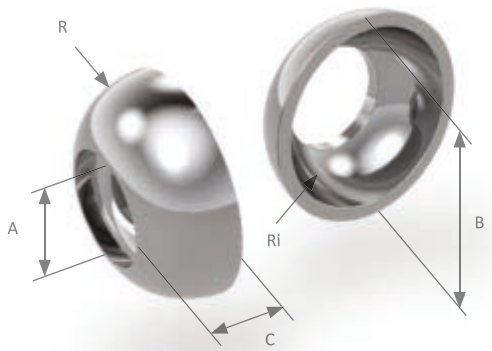
Toggle (81-)



Artikel Nr.	Draht Ø mm	Bolzen D mm	Ø mm	A mm	B mm	C mm	D mm	Gewicht [kg]	Bruchlast [kg]
46810005	2.5	5.0	5.1	7.0	11.5	5.0	23.0	0.019	1400
46810006	3.0	6.3	6.4	7.0	13.5	6.0	30.0	0.031	2200
46810008	4.0	8.0	8.1	8.0	17.0	7.5	36.5	0.061	3550
46810010	5.0	9.5	9.6	10.0	19.5	8.5	43.0	0.092	4350
46810011	6.0	11.0	11.1	12.0	24.0	10.0	47.5	0.137	6200
46810012	7.0	12.7	12.8	14.5	25.0	11.0	50.0	0.180	6900
46810016	8.0	16.0	16.2	17.0	35.0	12.0	70.0	0.317	9300
46815820	8.0	16.0	16.2	20.0	40.0	15.0	80.0	0.514	9300
46810020	12.0	19.0	19.2	20.0	45.0	18.0	94.0	0.653	14500
46810022	12.0	22.2	22.2	25.0	55.0	20.0	120.0	1.040	20250

Stemball Cup (72- WBC-)

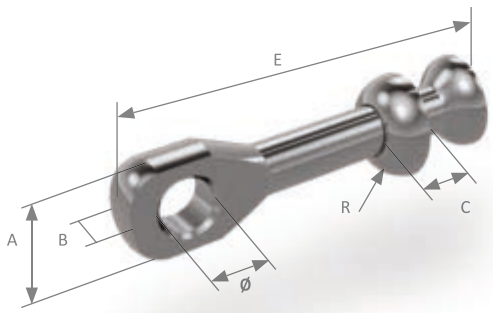
Stemball Cups (72- WBC-)



Artikel Nr.	A mm	B mm	C mm	R mm	Ri mm	Gewicht [kg]
46WBC8009	8.0	17.4	7.6	8.7	6.7	0.005
46720009	9.0	15.5	4.0	7.0	5.5	0.001
46WBC09011	9.0	21.1	8.6	10.6	7.5	0.009
46720011	11.0	26.0	9.5	10.0	8.0	0.010
46WBC12511	12.5	21.6	8.8	11.0	9.0	0.007
46720013	13.0	26.0	9.0	10.0	8.0	0.009
46WBC14513	14.5	25.8	10.7	13.0	11.0	0.011
46WBC15016	15.0	31.5	13.9	16.0	11.0	0.037
46720016	16.0	26.0	8.5	10.0	8.0	0.009
46WBC16014	16.0	27.6	11.2	14.0	11.0	0.011
46RSC141918	18.0	36.7	12.9	18.7	14.3	0.038
46WBC19018	19.1	35.6	15.1	17.8	14.0	0.038
46720020	20.0	34.0	9.0	15.0	13.0	0.015
46720022	22.0	34.0	9.0	15.0	13.0	0.013

Stemball Auge als Vorstag -Terminal (2472- WEB-)

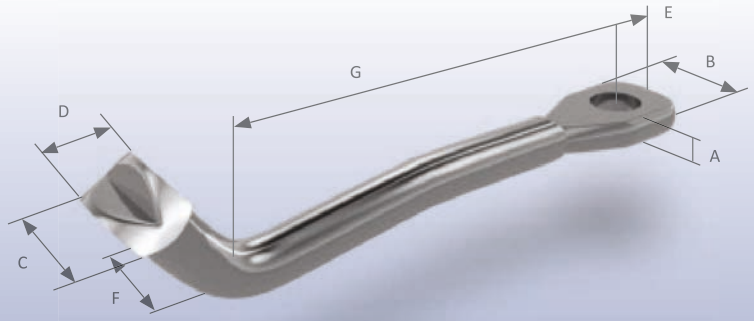
Stemball Eye (2427- WEB-)



Artikel Nr.	Draht Ø mm	Ø mm	A mm	B mm	C mm	D mm	E mm	R mm	Gewicht [kg]	Bruchlast [kg]
46242705	5.0	9.6	20	9	8.5	26	108	10	0.083	3600
46242755	5.0	11.1	22	9	9	26	108	10	0.085	3600
46WEB12713	6-Jul	12.8	24	10	11	26	113	13	0.155	4950
46242708	8-Dye 8	16.1	30	13	12.3	34	140	15	0.312	7400
46242710	10-Dec	19.2	36	16	9.0	34	152	15	0.435	13600

T -Terminal mit Auge (2426-)

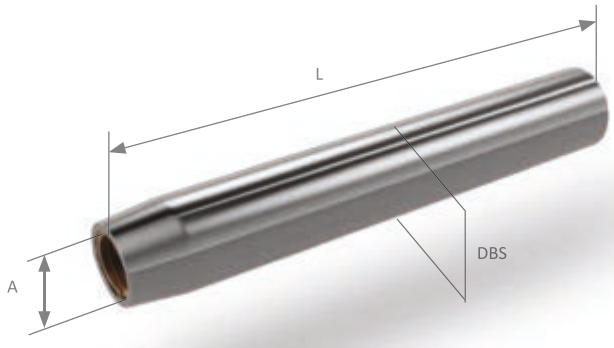
T-Bar Eye (2426-)



Artikel Nr.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Ø mm	Gewicht [kg]
4624260018	4.0	14.5	17.0	6.4	8.5	6.5	63.0	6.5	0.025
4624260532	6.0	16.0	17.5	8.0	9.0	8.0	71.5	7.9	0.042
4624260316	8.0	19.2	20.5	9.0	11.0	10.0	83.5	10.2	0.067

Technische Daten
Angaben zum Walzen von Draht

Technical Data
Swaging data for Wire



Nominal Drahtgröße			Passendes Werkzeug	D vor dem Walzen mm	D nach dem Walzen mm	A mm	L mm
mm	inch	Dye					
2	-	-	W2	5.41 - 5.54	4.70 - 4.82	2.32 - 2.44	32.0
2.5	3/32"	-	W3	6.22 - 6.35	5.44 - 5.56	2.70 - 2.83	32.0
3	1/8"	3	W3	6.22 - 6.35	5.44 - 5.56	3.45 - 3.65	38.5
4	5/32"	-	W4	7.42 - 7.50	6.22 - 6.35	4.30 - 4.50	45.0
-	-	4; 5/32"	W5	9.00 - 9.11	7.82 - 7.95	4.30 - 4.50	45.0
5	3/16"	-	W5	9.00 - 9.11	7.82 - 7.95	5.25 - 5.45	51.5
-	-	5; 3/16"	W7/32"	10.72 - 10.85	9.35 - 9.50	5.25 - 5.45	58.0
-	7/32"	-	W7/32"	10.72 - 10.85	9.35 - 9.50	5.95 - 6.10	58.0
6	-	6	W6	12.42 - 12.55	10.95 - 11.13	6.35 - 6.50	61.0
-	1/4"	1/4"	W6	12.42 - 12.55	10.95 - 11.13	6.65 - 6.85	64.3
7	9/32"	7	W7	14.18 - 14.30	12.50 - 12.70	7.45 - 7.65	70.5
8	5/16"	8	W8	16.01 - 16.13	14.07 - 14.30	8.27 - 8.50	77.0
-	3/8"	3/8"	W10	17.73 - 17.86	15.70 - 15.90	9.87 - 10.10	90.0
10	-	-	W10	17.73 - 17.86	15.70 - 15.90	10.37 - 10.60	95.0
-	-	10	W11	19.63 - 19.83	17.27 - 17.47	10.37 - 10.60	110.0
11	7/16"	-	W11	19.63 - 19.83	17.27 - 17.47	11.87 - 12.10	102.5
-	-	11; 7/16"	W12	21.31 - 21.44	18.82 - 19.05	11.87 - 12.10	120.0
12	-	-	W12E	19.95 - 20.00	17.27 - 17.47	12.47 - 12.70	112.0
12HD	-	-	W12	21.31 - 21.44	18.82 - 19.05	12.47 - 12.70	112.0
-	-	12	W14	24.88 - 25.00	22.00 - 22.23	12.47 - 12.70	130.0
-	1/2"	-	W12	21.31 - 21.44	18.82 - 19.05	13.47 - 13.70	120.0
-	-	1/2"	W14	24.88 - 25.00	22.00 - 22.23	13.47 - 13.70	137.0
14	9/16"	-	W14	24.88 - 25.00	22.00 - 22.23	14.97 - 15.20	128.0
-	-	14	W16	28.17 h9	-	15.0 Tol.+2.0-0.03	150.0
16	5/8"	-	W16	28.05 - 28.17	25.15 - 25.40	16.67 - 16.90	141.0
-	-	16	W19	34.40 - 34.50	31.44 - 31.75	16.67 - 16.90	165.0
19	3/4"	-	W19	34.40 - 34.50	31.44 - 31.75	19.84 - 20.15	165.5
-	-	19	W22	40.21 - 40.46	-	19.9 Tol.+2.5-0.06	195.0
22	7/8"	-	W22	40.21 - 40.46	36.20 - 36.50	23.30 - 23.70	182.0
25-26	1"	-	W25	45.77 - 46.02	40.95 - 41.25	26.57 - 26.90	210.0





Global Presence

Based in Haderslev Denmark, BSI has designed, engineered and manufactured leading rigging, deck hardware and hatch solutions for the yachting industry, since the beginning in 1978. Additionally, BSI's expertise in hatches has led to the development of products for the wind energy sector.

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