

verope®

VEROPE® END TERMINATIONS

General Catalog



RELIABLE ROPE END TERMINATIONS – TAILORED SOLUTIONS BY VEROPE®

The Importance of Rope End Terminations

Rope end terminations play a crucial role in ensuring the safety, efficiency, and reliability of wire rope applications. They form the essential interface between the rope and the machine, enabling secure force transmission and controlled load handling. Whether used in cranes, elevators, or other lifting and hoisting systems, rope end terminations must withstand extreme loads while remaining durable and precise.

Two of our end termination types form the core of our portfolio:

- VESP – verope® End Stop Pressing
- VESS – verope® End Stop Socketing

They represent the majority of our solutions and are primarily used in lattice boom and mobile cranes.

Comprehensive Solutions for All Systems

verope's end terminations are not only designed according to customer specifications but are often developed in close collaboration with Original Equipment Manufacturers (OEMs). verope® offers a broad product

portfolio suitable for various hoisting systems. Each solution meets the highest industry standards, ensuring maximum safety and efficiency even in the most demanding applications.

CERTIFICATION

With our self-developed socketing end terminations (VESS), we ensure that a reliable and flexible solution is available even when swaged terminations are not feasible due to the lack of necessary equipment or insufficient capacity. Thanks to our established certification procedures, our distribution partners can provide customers with shorter delivery times and, when required, replace existing rope end terminations – ensuring the best and fastest possible support.

The certification must be completed by each qualified individual and remains valid for two years, after which a renewal examination is required. This ensures consistently high quality and guarantees that expertise is regularly refreshed and upheld to the highest standards.

MAKE IT YOURS

**We're happy to build
the termination you need.**

Request your customization at
endtermination@verope.com

Research & Development

Our expert team continuously pushes the boundaries of innovation, delivering precision-engineered solutions for even the most complex customer requirements.

When standard end terminations are not enough, our R&D specialists design and manufacture custom solutions tailored to your specific needs — demonstrating verope's commitment to excellence and customer satisfaction.

With decades of experience, our technical team has successfully implemented rope end terminations across various industries. In addition to crane-specific terminations, we develop bespoke solutions that perfectly match your technical and operational demands.

By working closely with you, verope® ensures the ideal balance of quality, efficiency, and performance, setting new industry standards for rope end terminations.

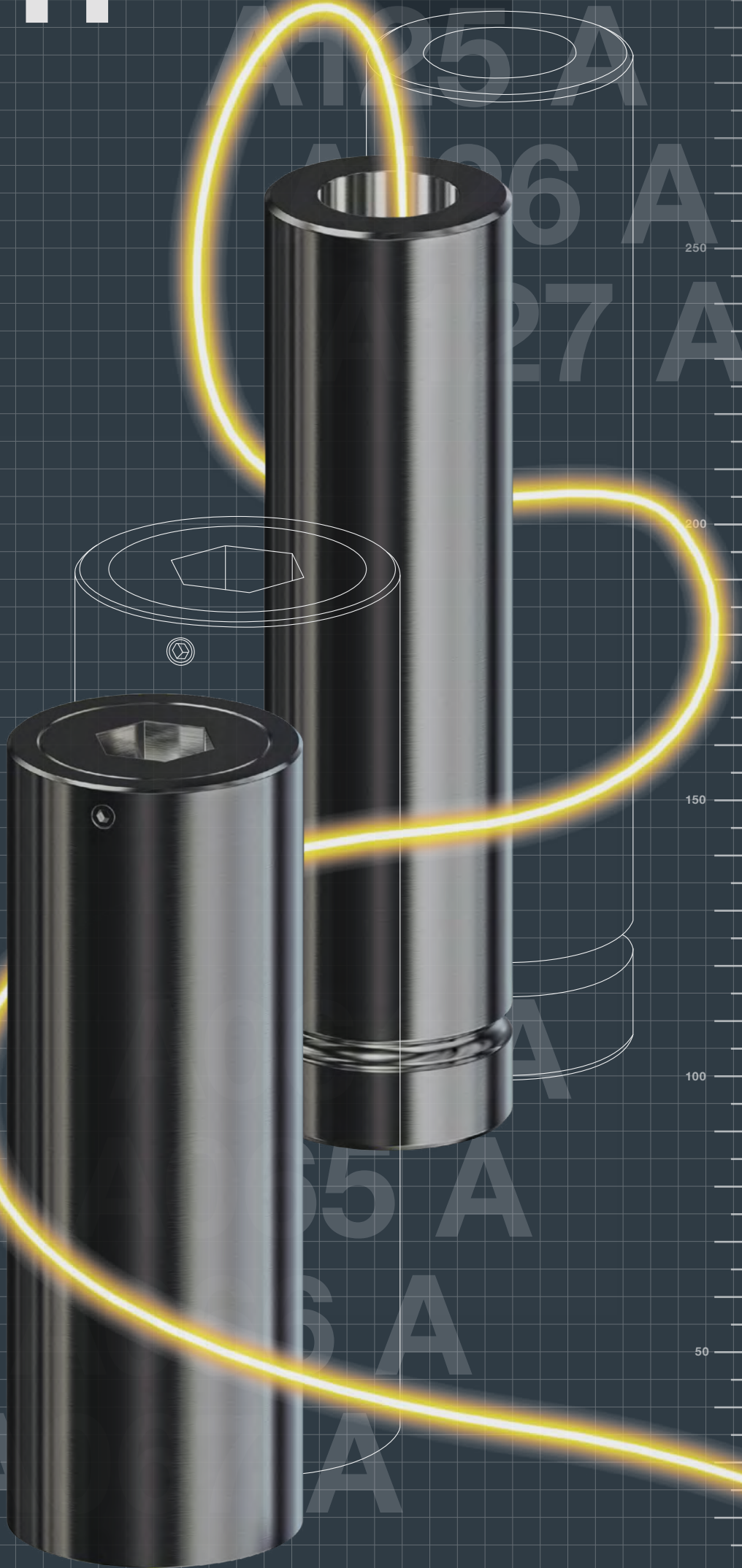


TF

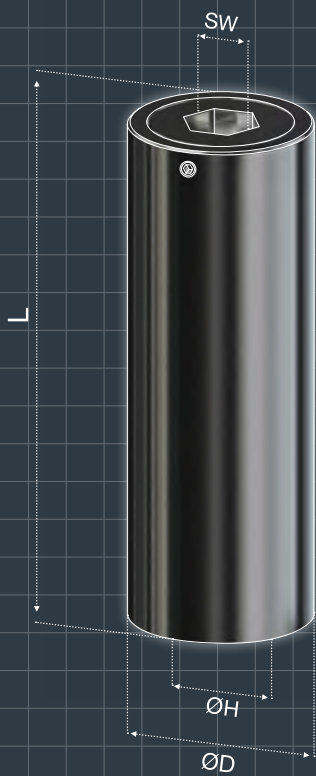
CONTENTS

TF VESS – hoist ropes

TF VESP – hoist ropes



TF – VESS HOIST ROPE



part number	description	type	rope Ø	ØD	ØH	L	wrench width SW	cone	cylindrical part
60800052	VESS 015 A125	A	13-15	32	17,25	90	14	47,3	7,5
60800101	VESS 019 A126	A	16-19	38	21,85	105	14	59,9	9,5
60800062	VESS 023 A127	A	20-23	42	26,45	128	14	74,9	11,5

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	resin socketing

FIELD OF APPLICATION

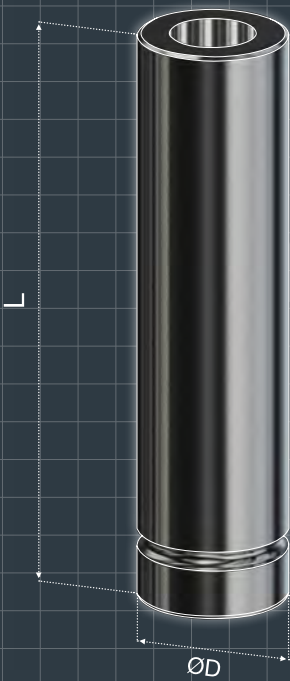
special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,738$
loss factor	$k_e = 0,9$

VESS 023 **A127** | TYPE **A**

VESS 015 **A125** | TYPE **A**

True to scale

TF – VESP HOIST ROPE



part number	description	type	rope Ø	ØD	ØD Tol.	L	L Tol.
60800010	VESP 014 A064*	A	14	24	+0,4	110	+3
60800014	VESP 016 A065	A	16	28	+0,4	117	+3
60800019	VESP 018 A066	A	18	30	+0,4	150	+3
60800028	VESP 021 A067	A	21	39	+0,4	160	+3

*just 1960

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	pressing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,738$
loss factor	$k_e = 0,9$

VESP 021 A067 | TYPE A

VESP 014 A064 | TYPE A

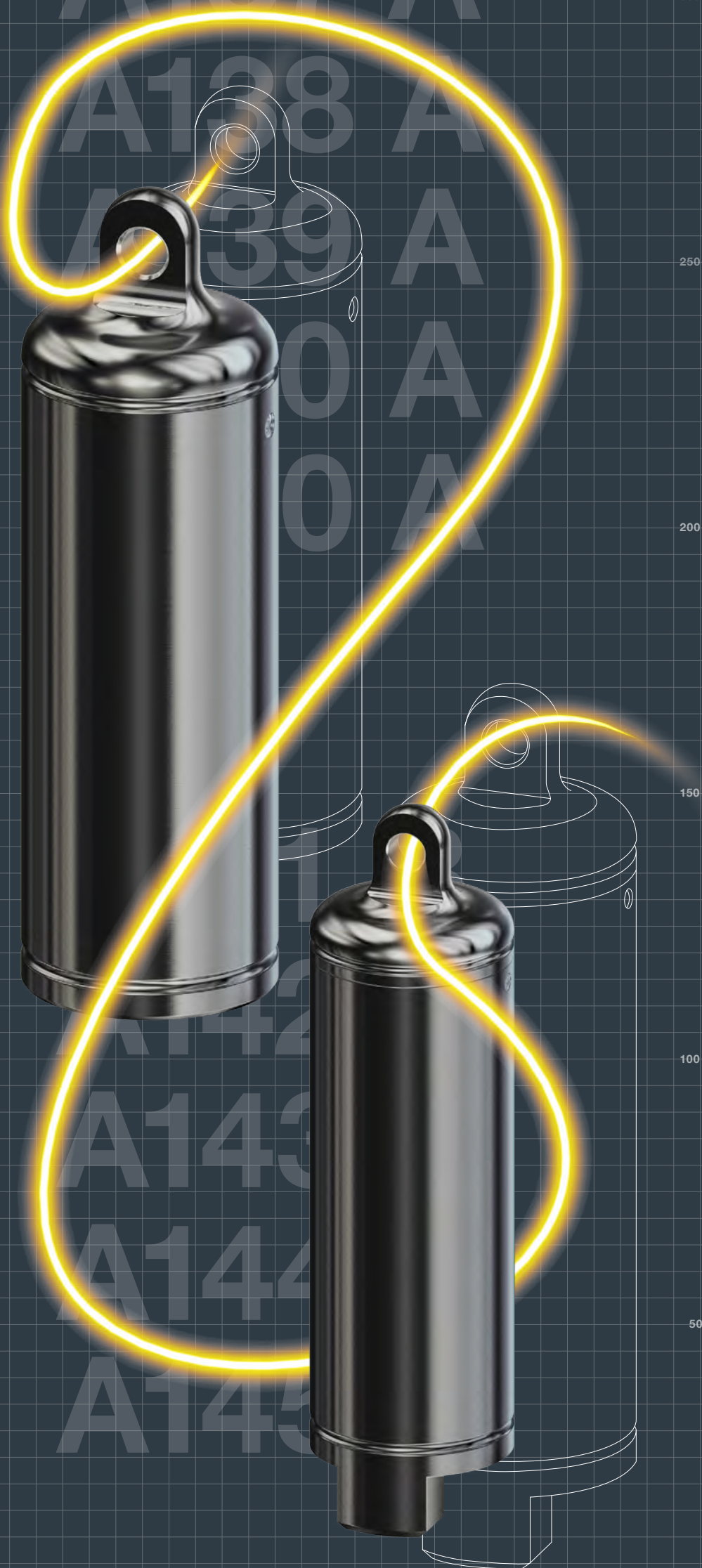
True to scale

BA

CONTENTS

BA VESS – hoist ropes

BA VESS – luffing ropes



BA – VESS HOIST ROPE



part number	description	type	rope Ø	A	ØD	ØH	L	ØP	T	cone	cylindrical part
60800104	VESS 022 A137	A	20-22	24	48	25,3	159	12	10	76,5	11
60800105	VESS 026 A138	A	23-26	24	56	29,9	183	12	10	88,5	13
60800109	VESS 029 A139	A	27-29	24	62	33,35	204,5	12	10	102,75	14,5
60800110	VESS 032 A140	A	30-32	24	68	36,8	222,5	12	10	111,5	16
60800113	VESS 036 A150	A	33-36	24	78	41	254,5	12	10	130,5	18

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	resin socketing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,747$
loss factor	$k_e = 0,9$

VESS 036 **A150** | TYPE A

VESS 022 **A137** | TYPE A

BA – VESS LUFFING ROPE



part number	description	type	rope Ø	A	ØD	ØH	L	ØP	T	cone	cylindrical part
60800082	VESS 022 A141	B	20-22	24	48	25,3	159	12	10	76,5	11
60800081	VESS 026 A142	B	23-26	24	56	29,9	183	12	10	88,5	13
60800080	VESS 029 A143	B	27-29	24	62	33,35	204,5	12	10	102,75	14,5
60800084	VESS 032 A144	B	30-32	24	68	36,8	222,5	12	10	111,5	16
60800083	VESS 036 A145	B	33-36	24	78	41	254,5	12	10	130,5	18

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	resin socketing

FIELD OF APPLICATION

special wire ropes	non-rotation resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,747$
loss factor	$k_e = 0,9$

VESS 036 A145 | TYPE B

VESS 022 A141 | TYPE B

True to scale

GR

CONTENTS

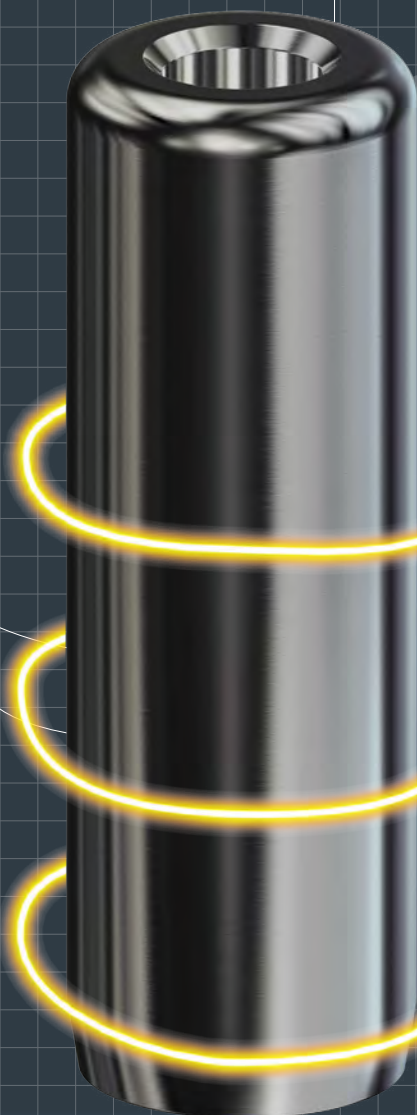
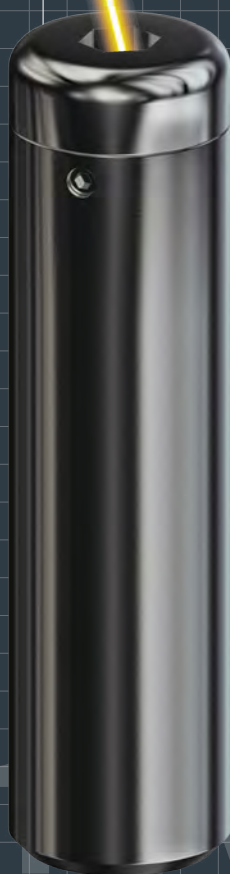
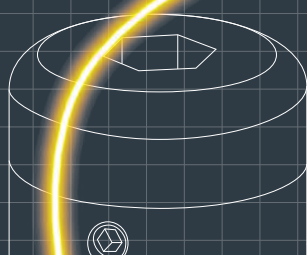
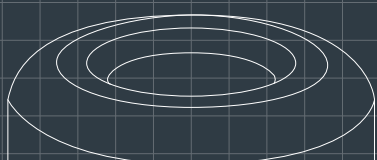
GR VESS – hoist ropes

GR VESP – hoist ropes

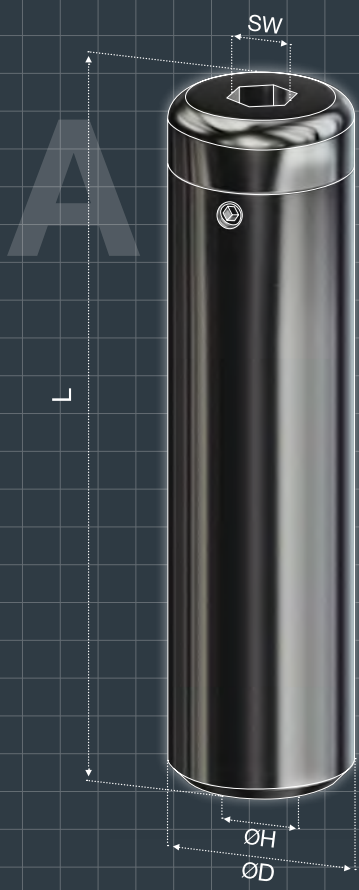
A146 A

A113 A

A130 A



GR – VESS HOIST ROPE



part number	description	type	rope Ø	ØD	ØH	L	wrench width SW	cone	cylindrical part
60800053	VESS 017 A146	A	16-17	36,5	19,55	122,5	10	70	8,5
60800056	VESS 019 A113	A	19	37	21,17	141	12	81	6
60800064	VESS 024 A130	A	22-24	48,5	27,1	166	17	105	5

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	resin socketing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,738$
loss factor	$k_e = 0,9$

VESS 024 **A130** | TYPE **A**

VESS 017 **A146** | TYPE **A**

True to scale

GR – VESP HOIST ROPE



part number	description	type	rope Ø	ØD	ØD Tol.	L	L Tol.
60800016	VESP 016 A161	A	16	36	+0,4	122,5	+2
60800018	VESP 017 A162	A	17	36	+0,4	122,5	+2
60800023	VESP 019 A163	A	19	36	+0,4	142	+2
60800031	VESP 022 A164	A	22	48	+0,4	166	+2
60800035	VESP 024 A068	A	24	48	+0,4	166	+2

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	pressing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,78$
loss factor	$k_e = 0,9$

VESP 022 **A164** | TYPE A

VESP 016 **A161** | TYPE A

True to scale

TD

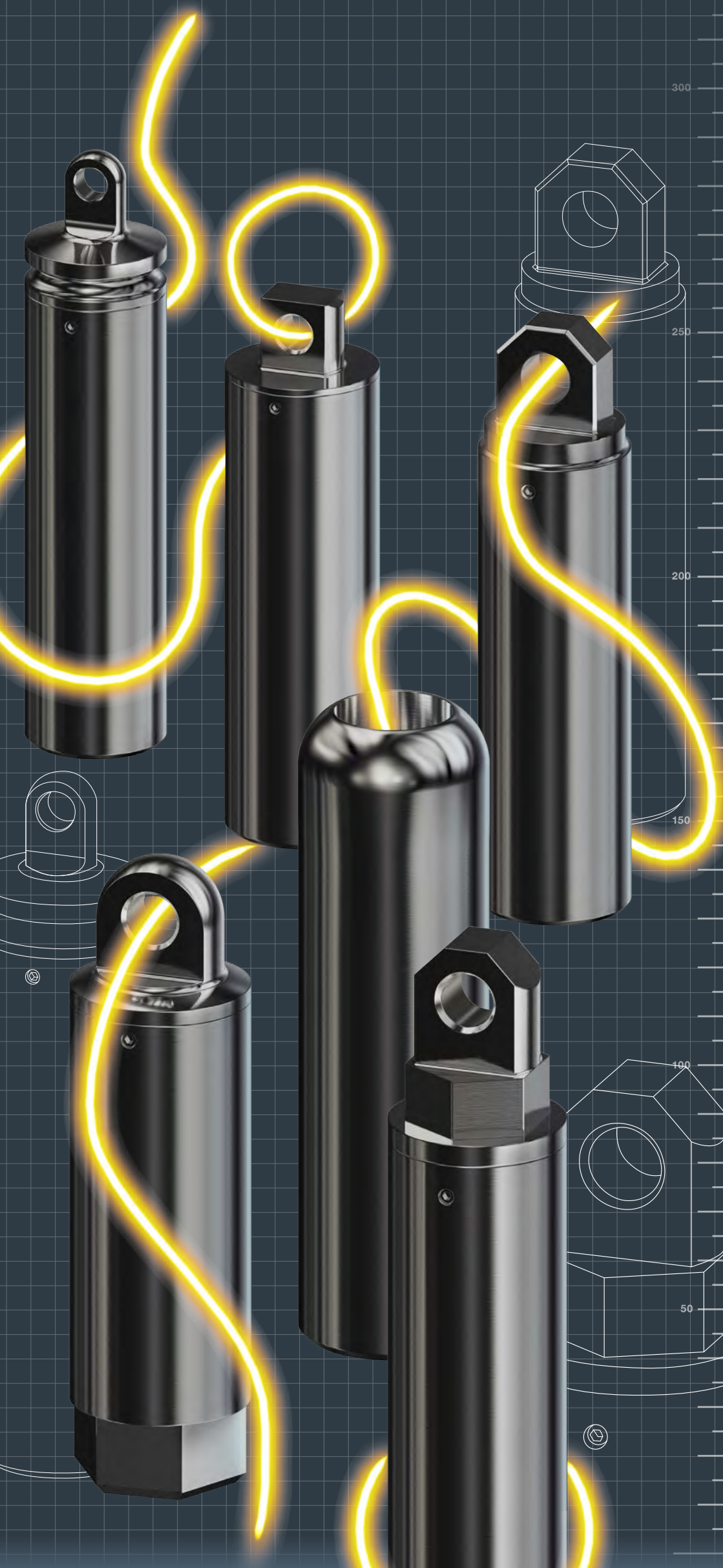
CONTENTS

TD VESS – hoist ropes

TD VESS – luffing ropes

TD VESP – hoist ropes

TD VESP – luffing ropes



TD – VESS HOIST ROPE



part number	description	type	rope Ø	A	ØD	ØH	L	ØP	T	cone	cylindrical part
60800373	VESS 018 A191	C	16-18	25	36	20,7	120	11,5	9	63	9
60800057	VESS 021 A056	A	21		42,5	23,9	145			100	10
60800061	VESS 023 A057	B	23	20	46,5	26	202	11	9	105	8
60800063	VESS 024 A058	B	24	20	48,5	27,3	202	11	9	105	8
60800068	VESS 026 A059	B	26	20	52,5	29,6	202	11	9	105	8
60800380	VESS 026 A060	C	26	36	52,5	29,9	209	18	18	106,5	13
60800070	VESS 028 A054	C	28	40	58,3	32,2	204	18	16	100	10
60800073	VESS 028 A176	C	28	40	56,5	32,2	195	18	18	95	14
60800111	VESS 032 A165	C	32	46	64,3	36,8	265	20	25	112	16

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	resin socketing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,738$
loss factor	$k_e = 0,9$

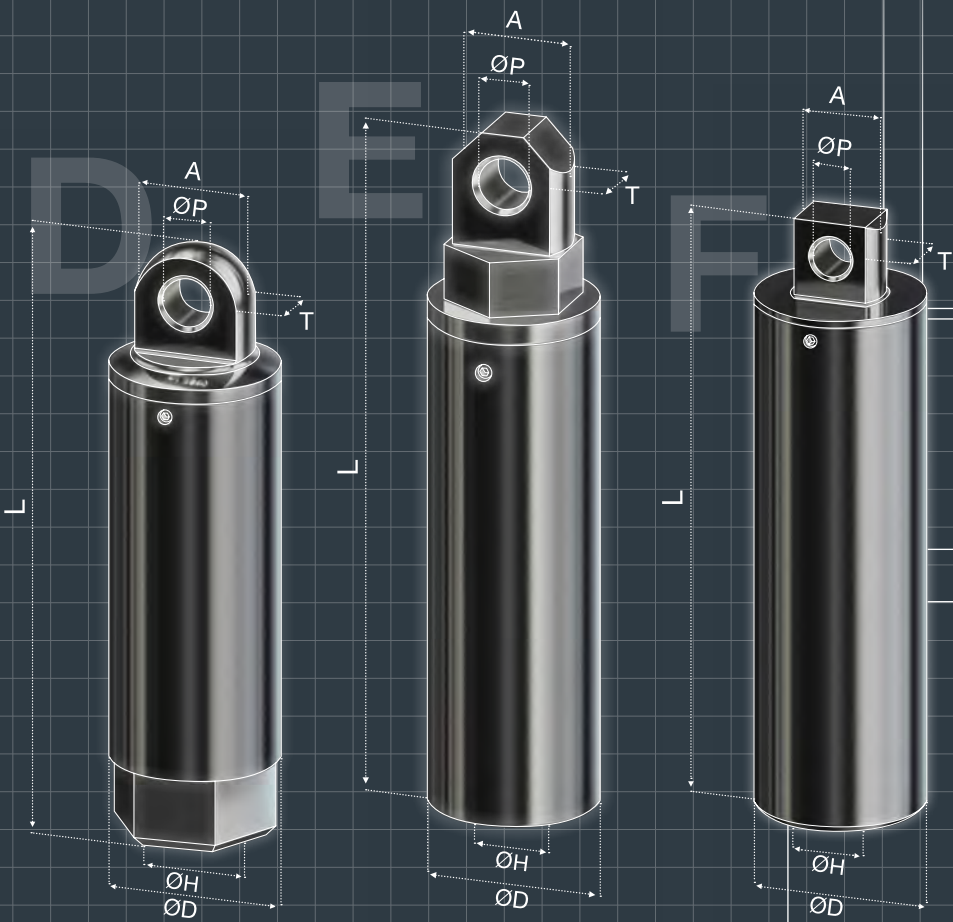
VESS 032 A165 | TYPE C

VESS 023 A057 | TYPE B

VESS 021 A056 | TYPE A

True to scale

TD – VESS HOIST ROPE



part number	description	type	rope Ø	A	ØD	ØH	L	ØP	T	cone	cylindrical part
60800367	VESS 023 A196	F	23	25	46	26,45	166	11	15	105	11,5
60800072	VESS 028 A061	D	28	40	56,5	32,2	203	18	18	95	26
60800114	VESS 040 A166	E	40	60	80	46	371	25	28	160	20

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	resin socketing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,738$
loss factor	$k_e = 0,9$

VESS 040 A166 | TYPE E

VESS 028 A061 | TYPE D

VESS 023 A196 | TYPE F

True to scale

TD – VESS LUFFING ROPE



part number	description	type	rope Ø	A	ØD	ØH	L	ØP	T	cone	cylindrical part
60800069	VESS 026 A090	E	26	36	52,5	29	224	17	18	94	13
60800072	VESS 028 A061	D	28	40	56,5	32,2	203	18	18	95	26
60800071	VESS 028 A055	E	28	40	58,3	32,2	217	18	18	100	10
60800112	VESS 032 A181	E	32	46	64,3	36,8	268	20	25	112	16
60800114	VESS 040 A166	E	40	60	80	46	371	25	28	160	20

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	resin socketing

FIELD OF APPLICATION

special wire ropes	non-rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,747$
loss factor	$k_e = 0,9$

VESS 040 A166 | TYPE E

VESS 028 A061 | TYPE D

True to scale

TD – VESP HOIST ROPE



part number	description	type	rope Ø	A	ØD	ØD Tol.	L	L Tol.	ØP	T
60800374	VESP 016 A189*	C	16	25	36	+0,4	120	+2	11,5	9
60800375	VESP 018 A190*	C	18	25	36	+0,4	120	+2	11,5	9
60800027	VESP 021 A040*	A	21		42	+0,4	145	+2		
60800033	VESP 023 A041	B	23	20	46	+0,4	202	+2	11	9
60800034	VESP 024 A042	B	24	20	48	+0,5	202	+2	11	9
60800041	VESP 026 A044	C	26	36	52	+0,5	209	+2	17	18

*also 2160

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	pressing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 1960 \text{ N/mm}^2$
fill factor	$f \leq 0,738$
loss factor	$k_e = 0,9$

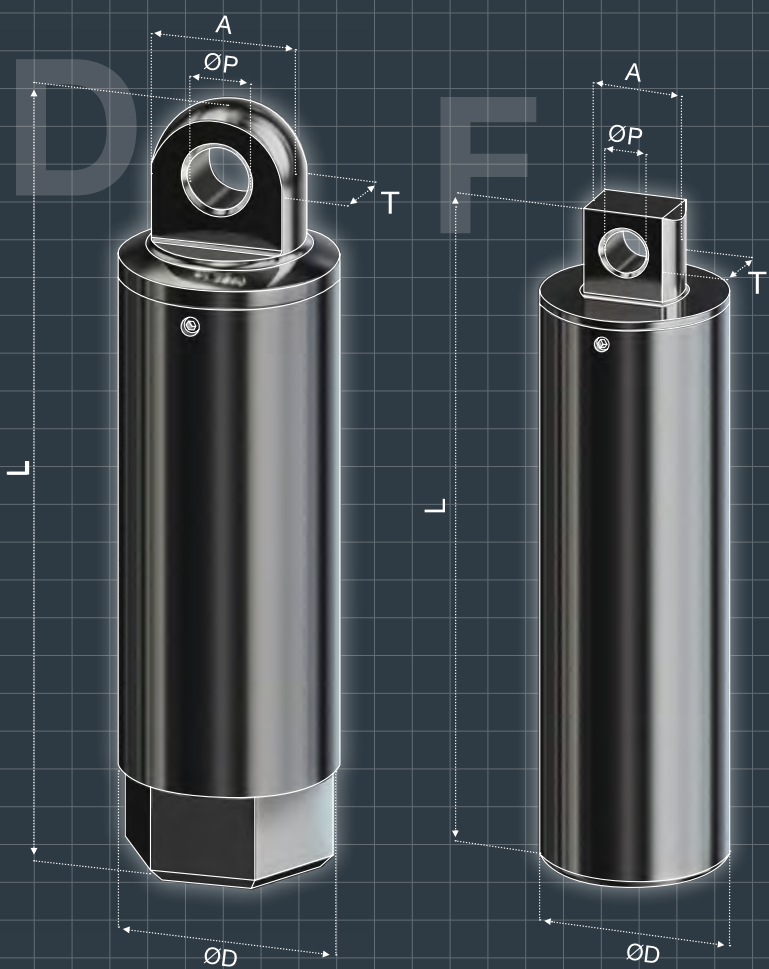
VESP 024 A042 | TYPE B

VESP 021 A040 | TYPE A

VESP 016 A189 | TYPE C

True to scale

TD – VESP HOIST ROPE



part number	description	type	rope Ø	A	ØD	ØD Tol.	L	L Tol.	ØP	T
60800366	VESP 023 A195	F	23	25	46	+1	166	+1	11	15
60800045	VESP 028 A045	D	28	40	56	+0,5	202	+3	18	18

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	pressing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,738$
loss factor	$k_e = 0,9$

VESP 028 A045 | TYPE D

VESP 023 A195 | TYPE F

True to scale

TD – VESP LUFFING ROPE



part number	description	type	rope Ø	A	ØD	ØD Tol.	L	L Tol.	ØP	T
60800045	VESP 028 A045	D	28	40	56	+0,5	202	+3	18	18

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	pressing

FIELD OF APPLICATION

special wire ropes	non-rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,747$
loss factor	$k_e = 0,9$

VESP 028 A045 | TYPE D

True to scale

LH

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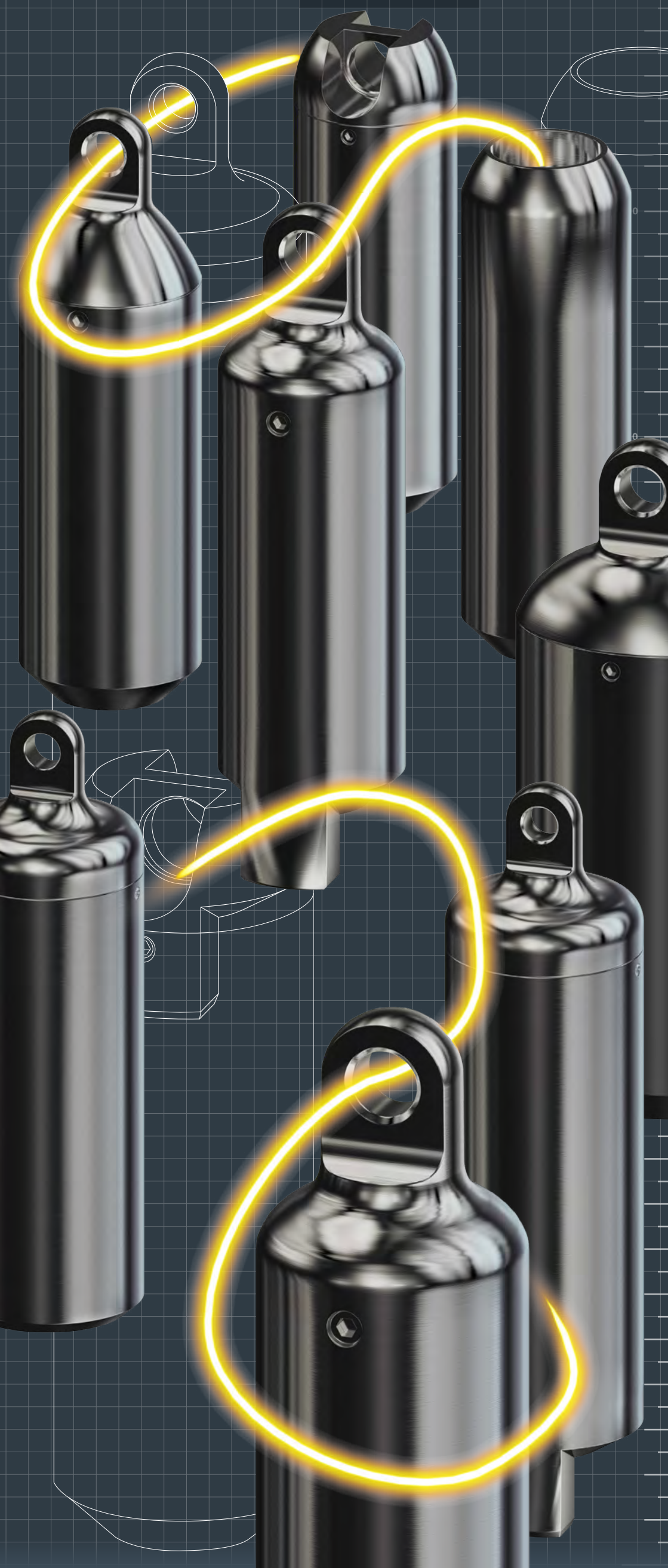
LH VESS – hoist ropes

LH VESS – luffing ropes

LH VESP – hoist ropes

LH VESP – luffing ropes

350



LH – VESS HOIST ROPE



part number	description	type	rope Ø	A	ØD	ØH	L	ØP	T	cone	cylindrical part
60800051	VESS 015 A018	A1	13-15		30,2	16,8	93			71	9
60800499	VESS 015 A243	A2	13-15		30,2	17,25	92	8,5	6	54	7,5
60800054	VESS 018 A019	A1	16-18		36,4	20,4	107			78	9
60800500	VESS 018 A244	A2	16-18		36,4	20,7	104	8,5	6	63	9
60800058	VESS 022 A020	A1	19-22		44,3	25	125			96	11
60800501	VESS 022 A245	A2	19-22		44,3	25,3	123	8,5	6	82,5	11
60800066	VESS 026 A029	B	23-26	24	52,3	29	177	12	10	87	5
60800074	VESS 029 A030	B	27-29	24	58,4	32,6	200	12	10	98	9
60800076	VESS 032 A148	B	30-32	24	64,3	36,8	214	12	10	108	16
60800078	VESS 040 A136	B	38-40	40	81	45,2	295	20	16	140	20
60800383	VESS 048 A202	D	45-48	40	104	55,2	336	20	16	168	24

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	resin socketing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,738$
loss factor	$k_e = 0,9$

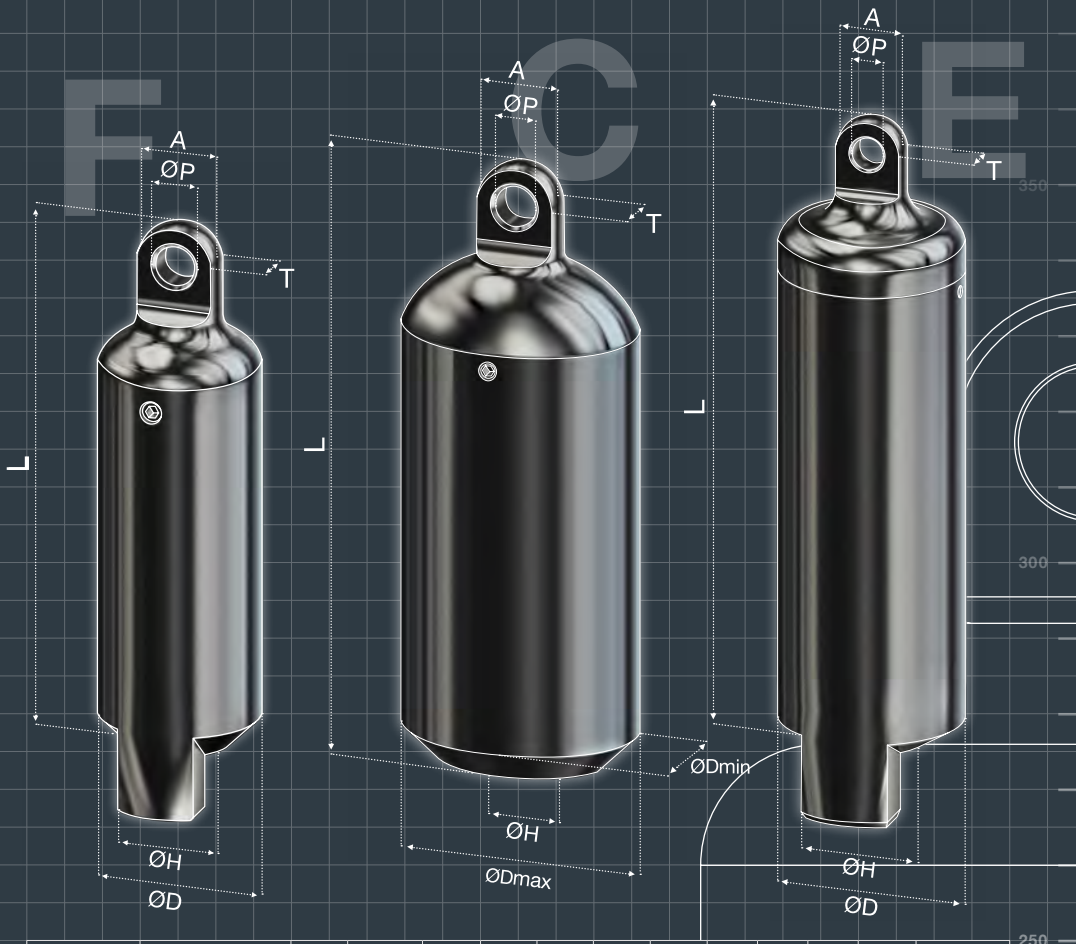
VESS 048 **A202** | TYPE D

VESS 026 **A029** | TYPE B

VESS 022 **A020** | TYPE A1

VESS 015 **A243** | TYPE A2

LH – VESS LUFFING ROPE



part number	description	type	rope Ø	A	ØD	ØH	ØD min	ØD max	L	ØP	T	cone	cylindrical part
60800060	VESS 022 A036	F	22	24	46,5	25,8			156	12	10	77	6
60800065	VESS 025 A114	C	25	24		28,7	52	68	175	12	10	87	6
60800371	VESS 028 A079	C	28	24		32,2	60	75	200	12	10	104	14
60800077	VESS 032 A149	C	32	24		36,8	64	80	214	12	10	108	16
60800115	VESS 040 A175	C	38-40	40		45,2	81	101	295	20	16	140	20
60800370	VESS 048 A201	E	45-48	40	104	55,2			336	20	16	168	24

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	resin socketing

FIELD OF APPLICATION

special wire ropes	non-rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,747$
loss factor	$k_e = 0,9$

VESS 048 A201 | TYPE E

VESS 025 A114 | TYPE C

VESS 022 A036 | TYPE F

True to scale

LH – VESP HOIST ROPE



part number	description	type	rope Ø	A	ØD	ØD Tol.	L	L Tol.	ØP	T
60800008	VESP 013 A001	A1	13		30	+0,4	92	+2		
60800494	VESP 013 A238	A2	13		30	+0,4	92	+2	8,5	6
60800013	VESP 015 A003	A1	15		30	+0,4	92	+2		
60800495	VESP 015 A239	A2	15		30	+0,4	92	+2	8,5	6
60800017	VESP 017 A005	A1	17		36	+0,4	108	+3		
60800496	VESP 017 A240	A2	17		36	+0,4	103	+3	8,5	6
60800022	VESP 019 A006	A1	19		44	+0,4	124	+3		
60800497	VESP 019 A241	A2	19		44	+0,4	121	+3	8,5	6
60800026	VESP 021 A007	A1	21		44	+0,4	124	+3		
60800498	VESP 021 A242*	A2	21		44	+0,4	121	+3	8,5	6
60800032	VESP 023 A008	B	23	24	52	+0,6	176	+4	12	10
60800038	VESP 025 A009	B	25	24	52	+0,6	176	+4	12	10
60800040	VESP 026 A010	B	26	24	52	+0,6	176	+4	12	10
60800043	VESP 028 A011*	B	28	24	58	+0,6	201	+4	12	10

*also 2160

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	pressing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	$\beta_n \leq 1960 \text{ N/mm}^2$
fill factor	$f \leq 0,738$
loss factor	$k_e = 0,9$

VESP 028 A011 | TYPE B

VESP 021 A007 | TYPE A1

VESP 013 A238 | TYPE A2

LH – VESP LUFFING ROPE



part number	description	type	rope Ø	A	ØD min	ØD max	ØD Tol. min/max	L	L Tol.	ØP	T
60800039	VESP 025 A111	C	25	24	52	68	+0,5	175	+4	12	10
60800044	VESP 028 A014	C	28	24	60	75	+0,5	200	+4	12	10

TECHNICAL DATA

material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	pressing

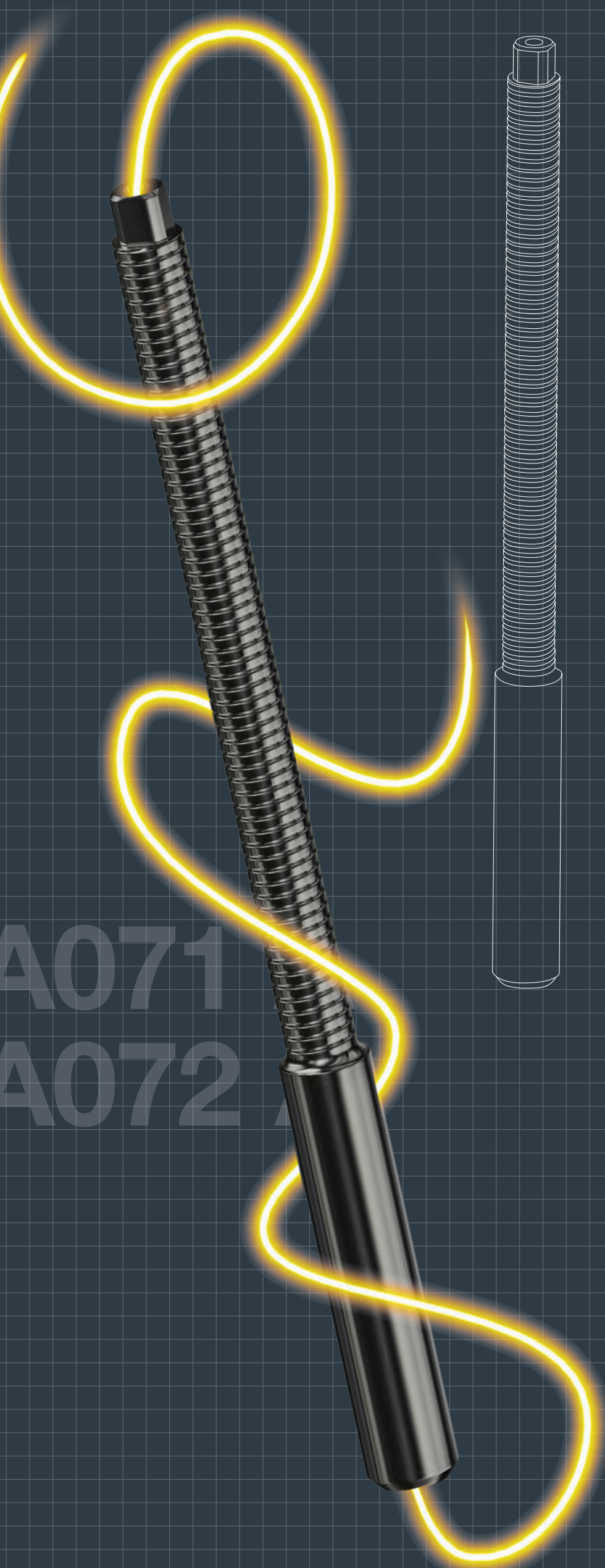
FIELD OF APPLICATION

special wire ropes	non-rotation-resistant ropes
tensile grade	$\beta_n \leq 1960 \text{ N/mm}^2$
fill factor	$f \leq 0,747$
loss factor	$k_e = 0,9$

VESP 028 A014 | TYPE C

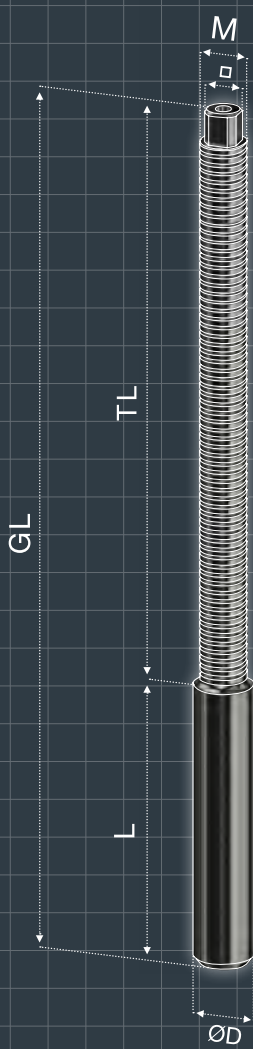
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A072

SE – VTHP



part number	description	type	rope Ø	ØD	ØD Tol.	L	L Tol.	TL	GL	M	□
60900015	VTHP 012 A071	A	12	24	+0,4	113	+2	215	328	M20	14
60900016	VTHP 013 A072	A	13	26	+0,4	118	+2	215	333	M20	14

TECHNICAL DATA

material	alloy steel for quenching and tempering DIN EN ISO 683-2
cold resistant to	27J / -45 °C
surface	bright
classification	pressing

FIELD OF APPLICATION

special wire ropes	rotation-resistant / non-rotation-resistant ropes
tensile grade	$\beta_n \leq 2160 \text{ N/mm}^2$
fill factor	$f \leq 0,747$
loss factor	$k_e = 0,9$

VTHP 013 A072 | TYPE A -----

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True to scale