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

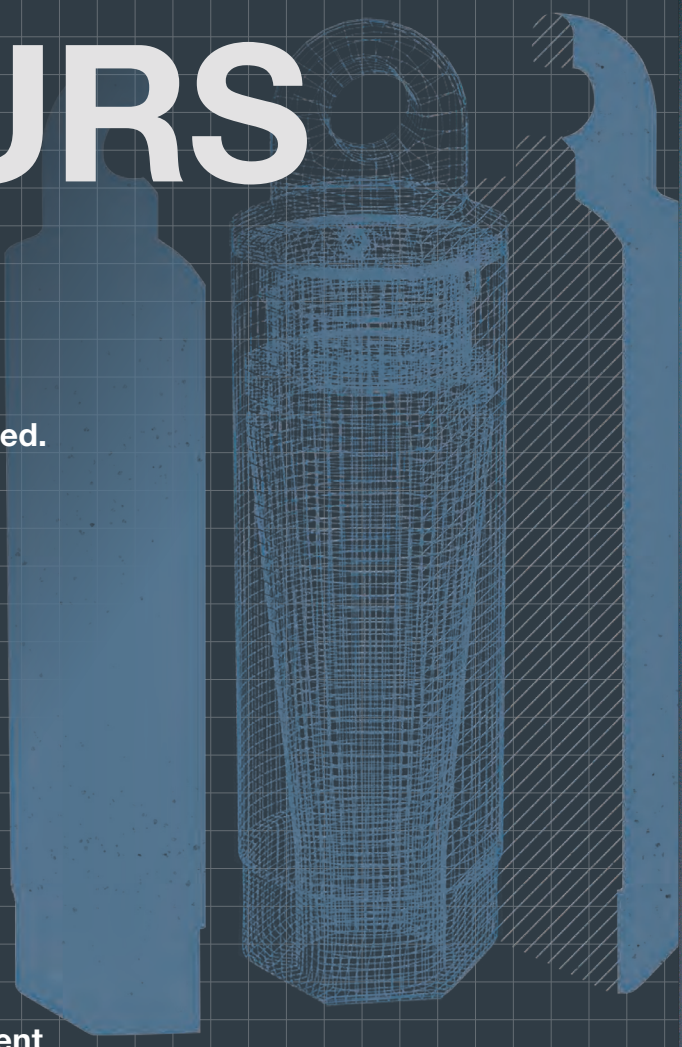
With our self-developed socketing end terminations (VESS), we ensure that a reliable and flexible solution is available even when swaged terminations are not feasible due to the lack of necessary equipment or insufficient capacity. Thanks to our established certification procedures, our distribution 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.

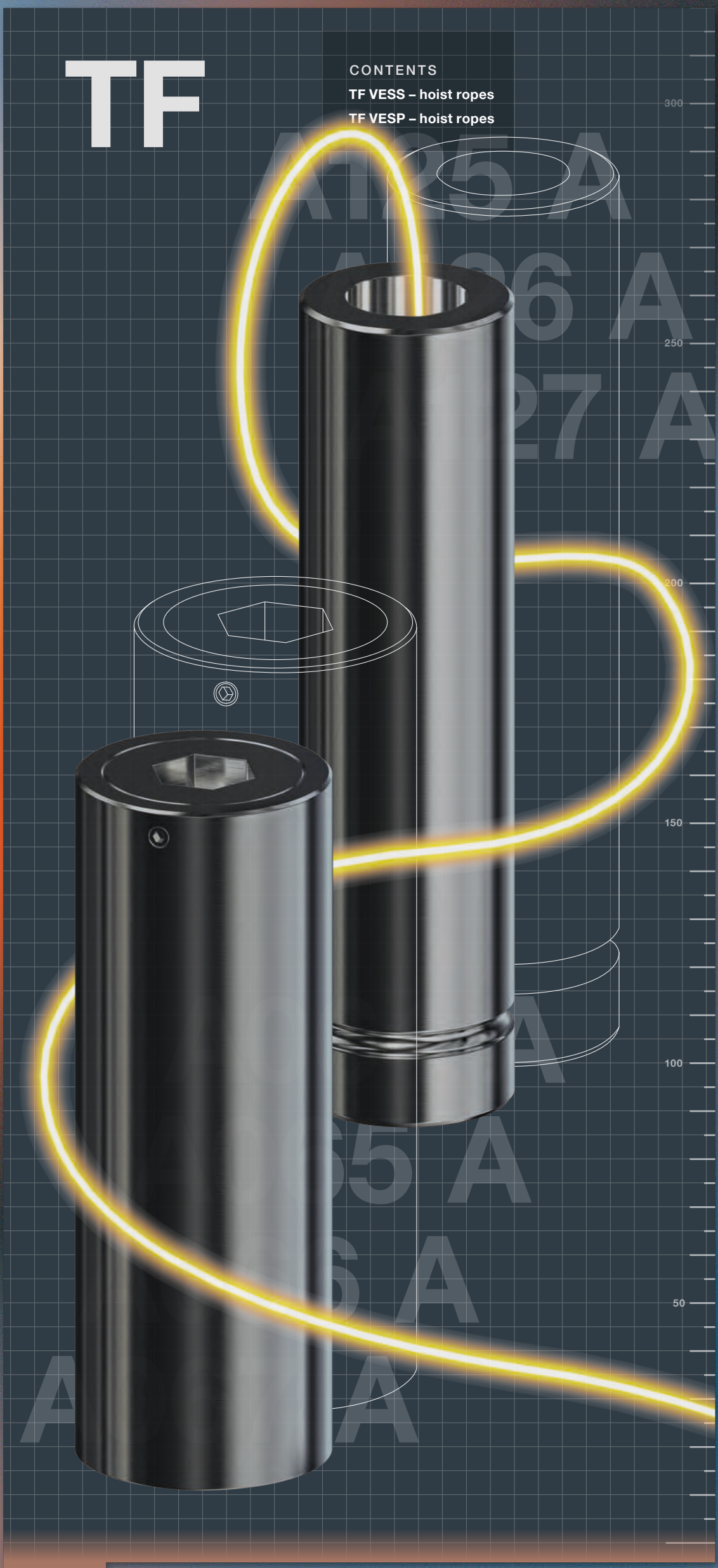
INFO

TF

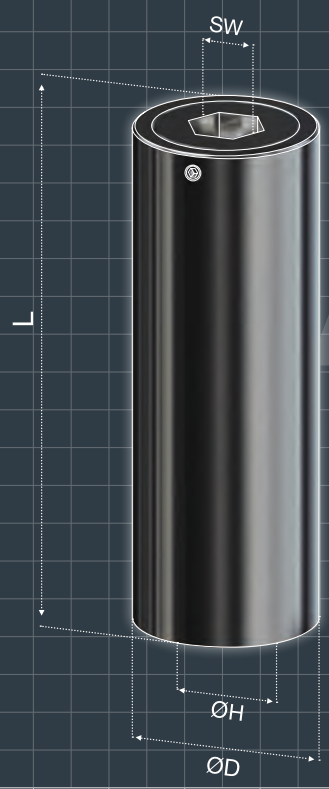
CONTENTS

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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,738
loss factor	ke = 0,9

VESS 023 **A127 | TYPE A**

VESS 015 **A125 | TYPE A**

TF – VESS HOIST ROPE

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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,738
loss factor	ke = 0,9

VESP 021 **A067 | TYPE A**

VESP 014 **A064 | TYPE A**

True to scale

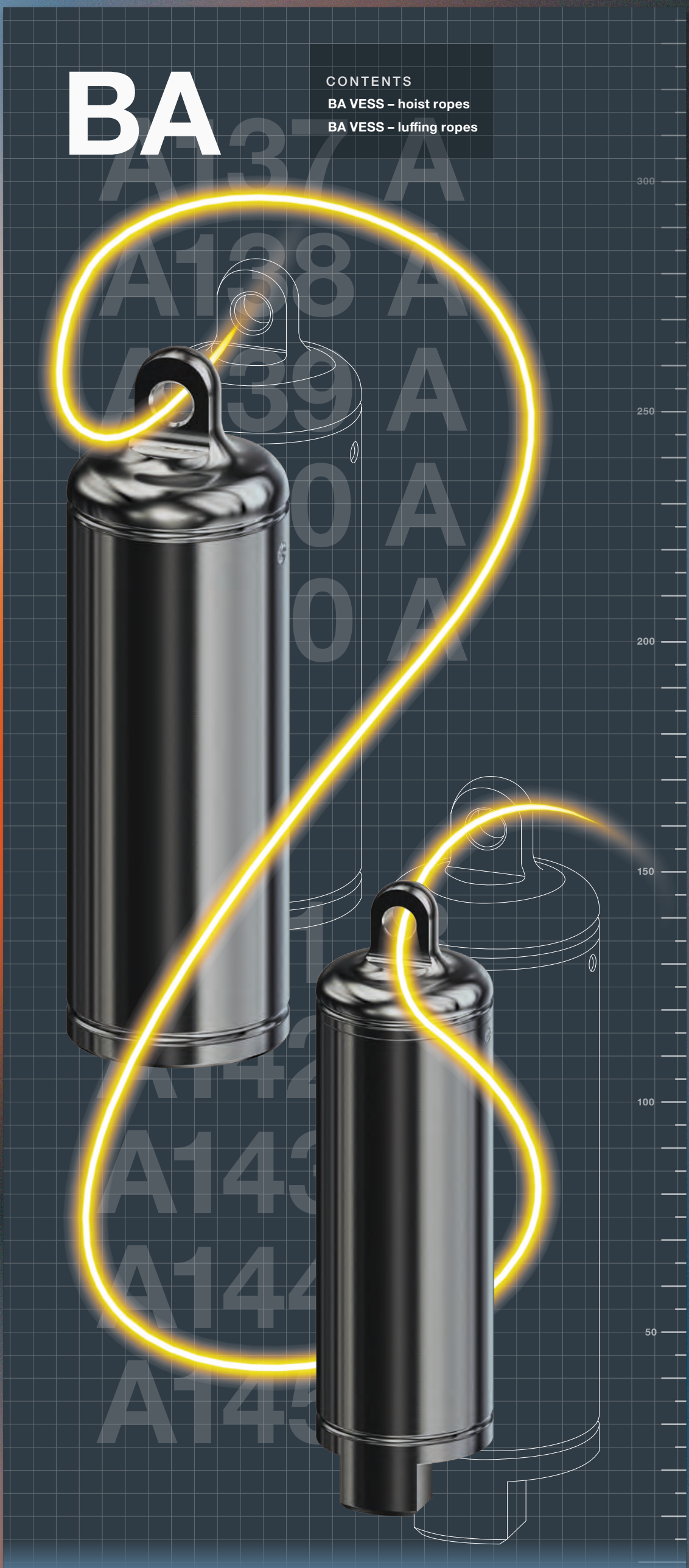
TF VESP HOIST ROPE

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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,747
loss factor	ke = 0,9

VESS 036 **A150 | TYPE A**

VESS 022 **A137 | TYPE A**

BA VESS HOIST ROPE

True to scale

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

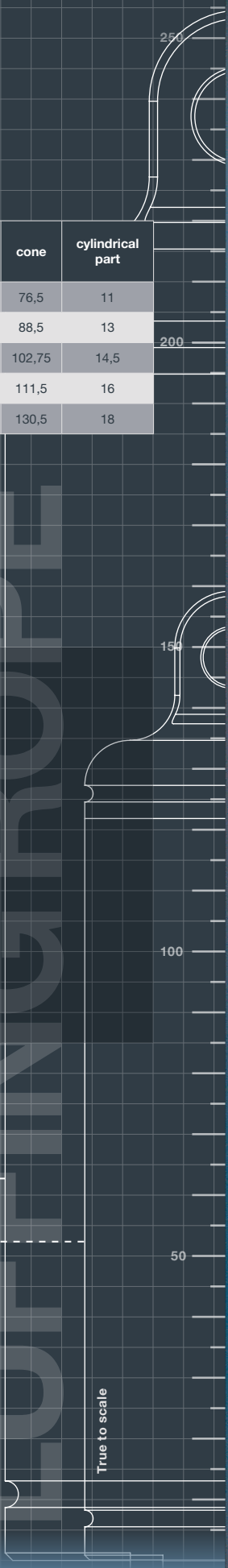
material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	resin socketing

FIELD OF APPLICATION

special wire ropes	non-rotation resistant ropes
tensile grade	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,747
loss factor	ke = 0,9

VESS 036 **A145 | TYPE B**

VESS 022 **A141 | TYPE B**



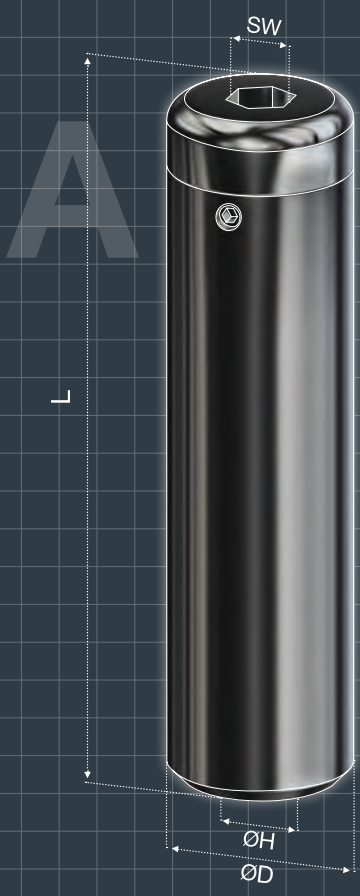
BA VESS LUFFING ROPE

GR

CONTENTS

GR VESS – hoist ropes
GR VESP – hoist ropes

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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,738
loss factor	ke = 0,9

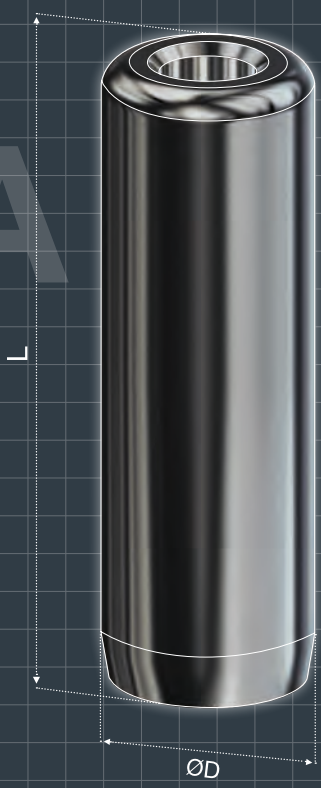
VESS 024 **A130 | TYPE A**

VESS 017 **A146 | TYPE A**

GR – VESS HOIST ROPE

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

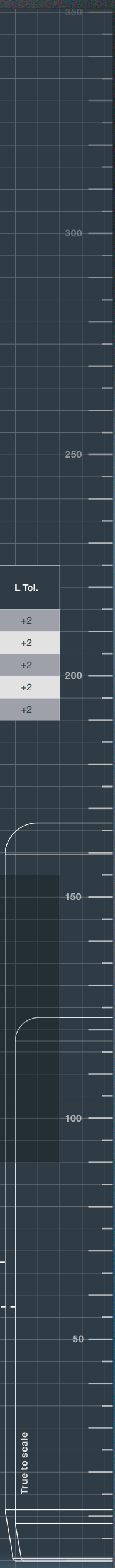
material	stainless steel DIN EN 10088-3
cold resistant to	27J / -45 °C
surface	bright
classification	pressing

FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,78
loss factor	ke = 0,9

VESP 022 **A164 | TYPE A**

VESP 016 **A161 | TYPE A**



GR | VESP HOIST ROPE

TD

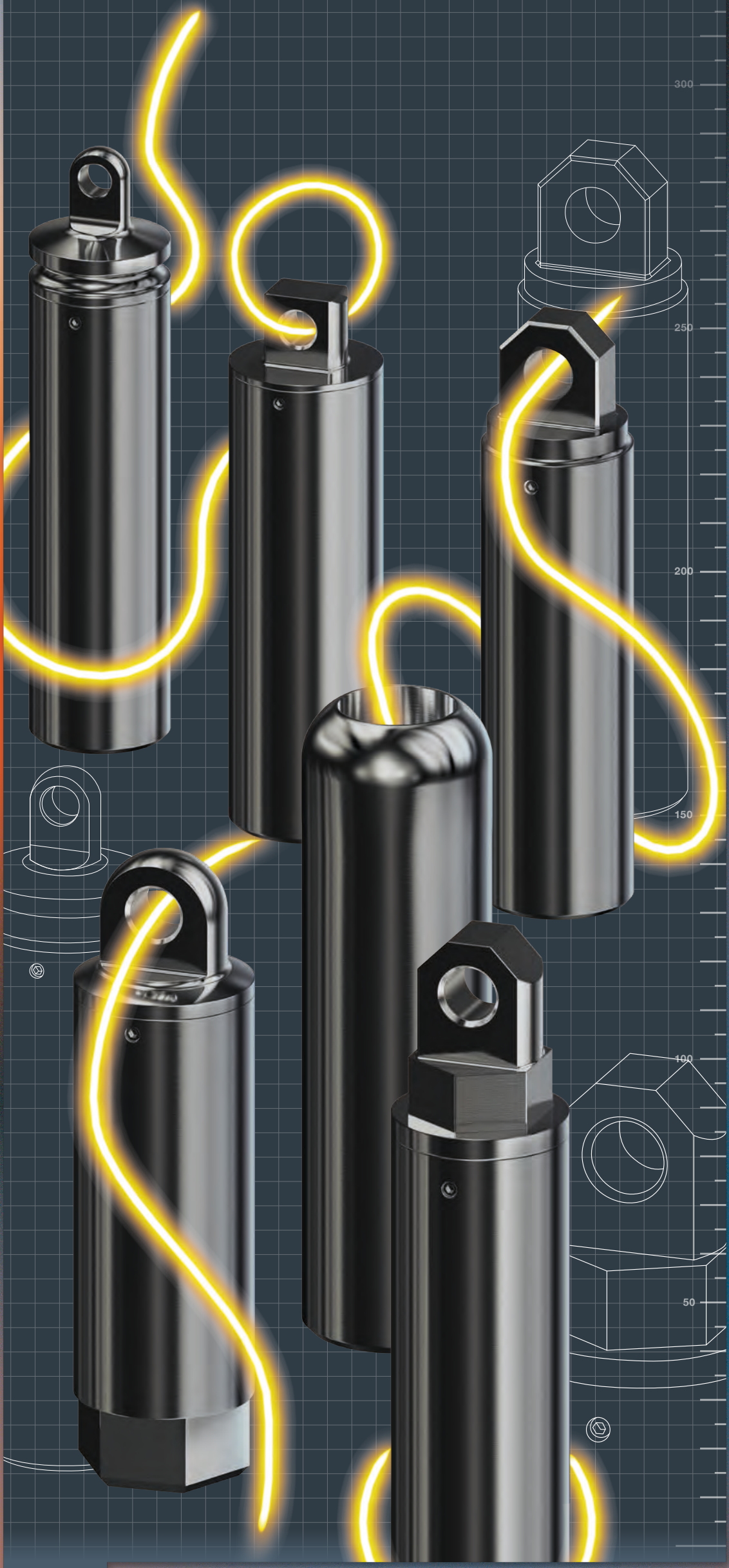
CONTENTS

TD VESS – hoist ropes

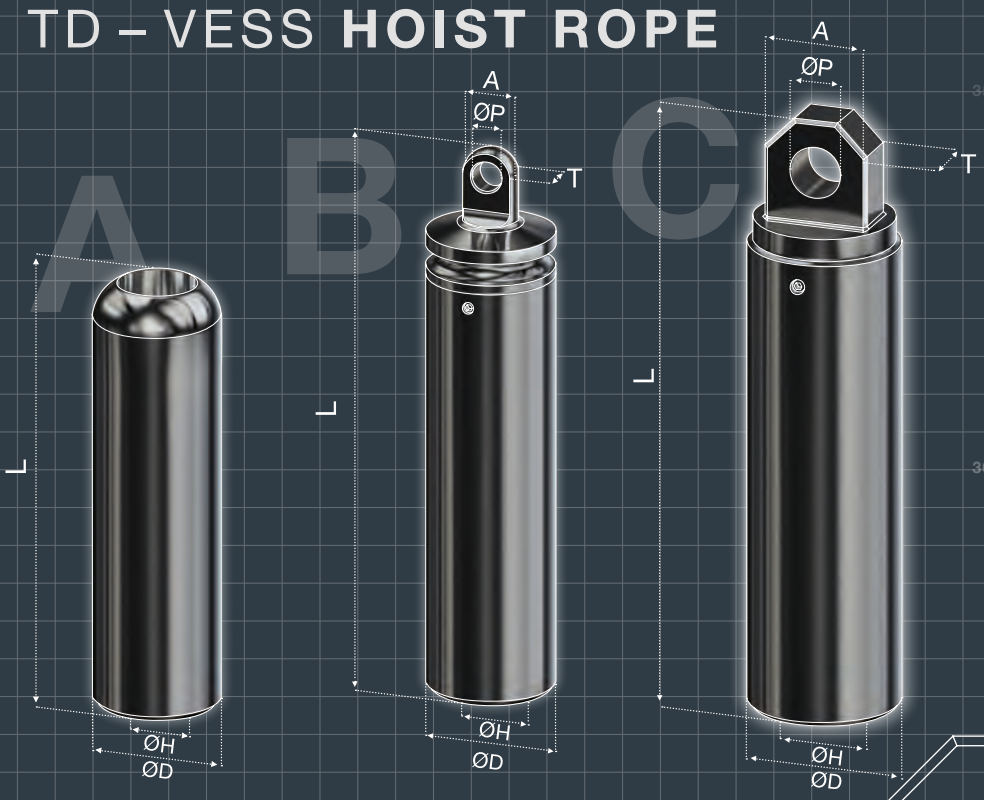
TD VESS – luffing ropes

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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,738
loss factor	ke = 0,9

VESS 032 **A165 | TYPE C**

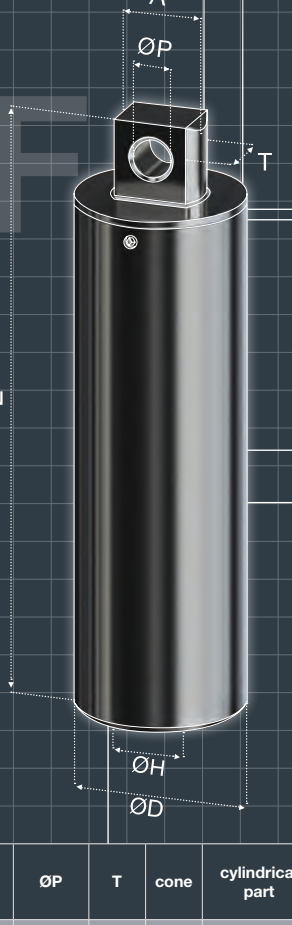
VESS 023 **A057 | TYPE B**

VESS 021 **A056 | TYPE A**

TD VESS HOIST ROPE

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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,738
loss factor	ke = 0,9

VESS 040 **A166 | TYPE E**

VESS 028 **A061 | TYPE D**

VESS 023 **A196 | TYPE F**

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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,747
loss factor	ke = 0,9

VESS 040 **A166 | TYPE E**

VESS 028 **A061 | TYPE D**

TD – VESS LUFFING ROPE

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

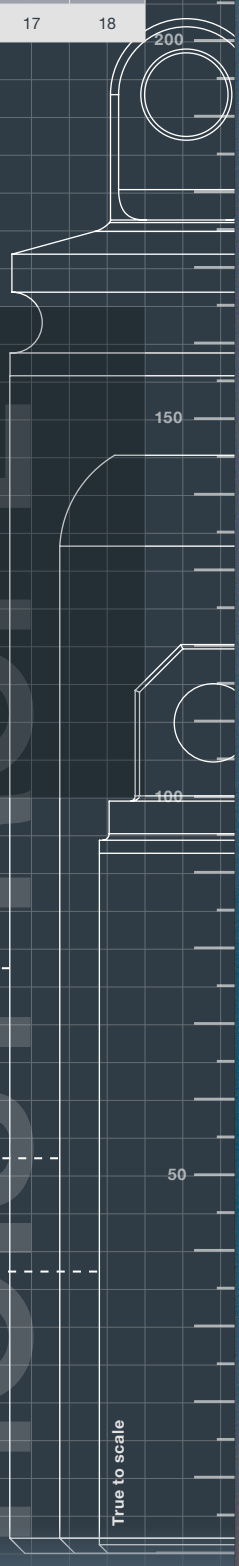
FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	ßn ≤ 1960 N/mm²
fill factor	f ≤ 0,738
loss factor	ke = 0,9

VESP 024 **A042 | TYPE B**

VESP 021 **A040 | TYPE A**

VESP 016 **A189 | TYPE C**



TD – VESP HOIST ROPE

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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,738
loss factor	ke = 0,9

VESP 028 **A045** | **TYPE D**

VESP 023 **A195** | **TYPE F**

TD – VESP HOIST ROPE

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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,747
loss factor	ke = 0,9

VESP 028 **A045 | TYPE D**

True to scale

TD – VESP LUFFING ROPE

LH

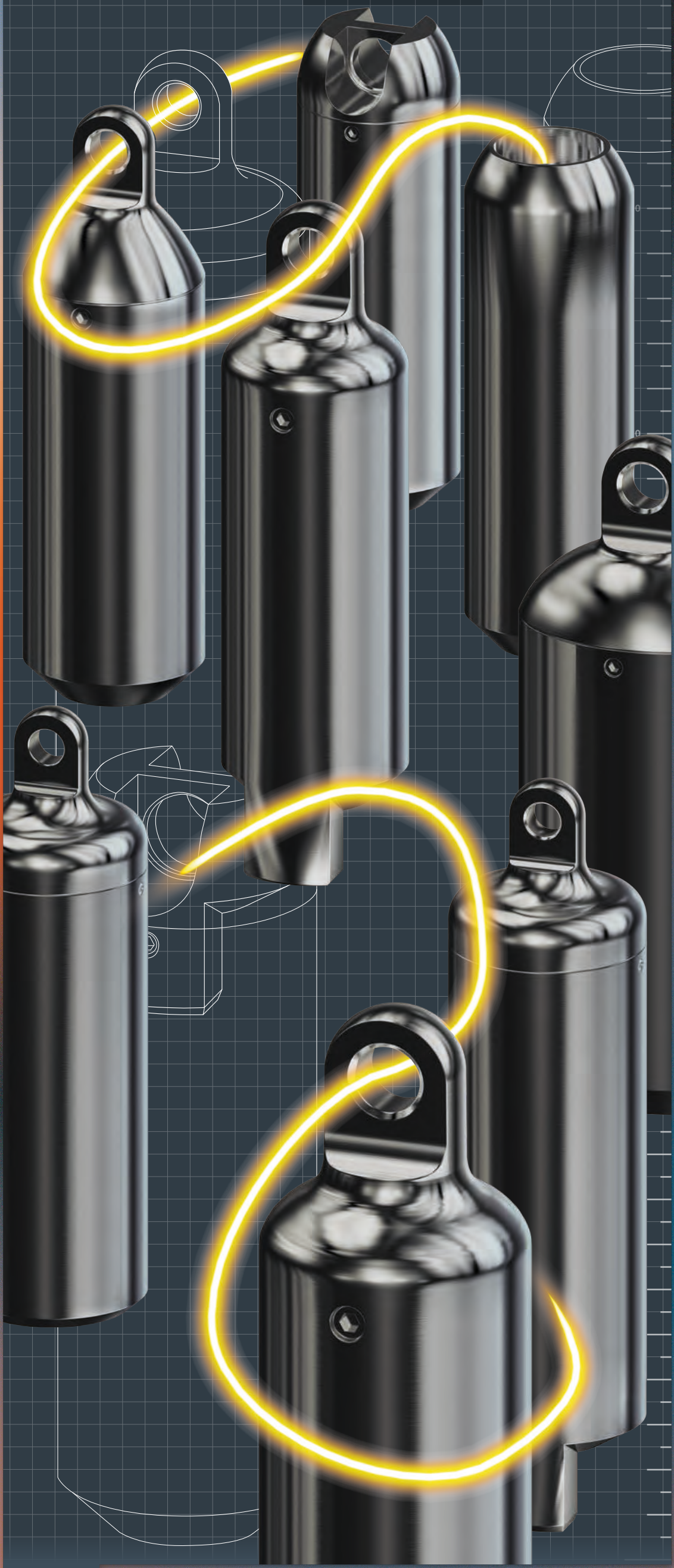
CONTENTS

LH VESS – hoist ropes

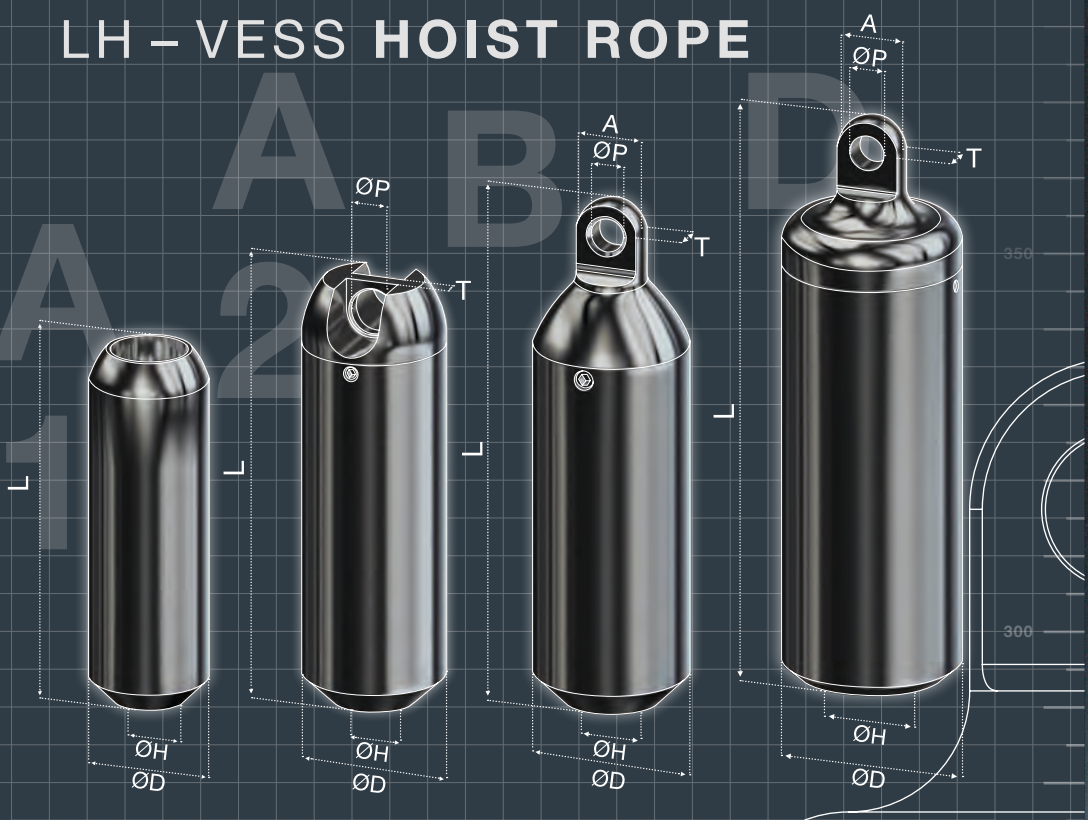
LH VESS – luffing ropes

LH VESP – hoist ropes

LH VESP – luffing ropes



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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,738
loss factor	ke = 0,9

VESS 048 **A202 | TYPE D**

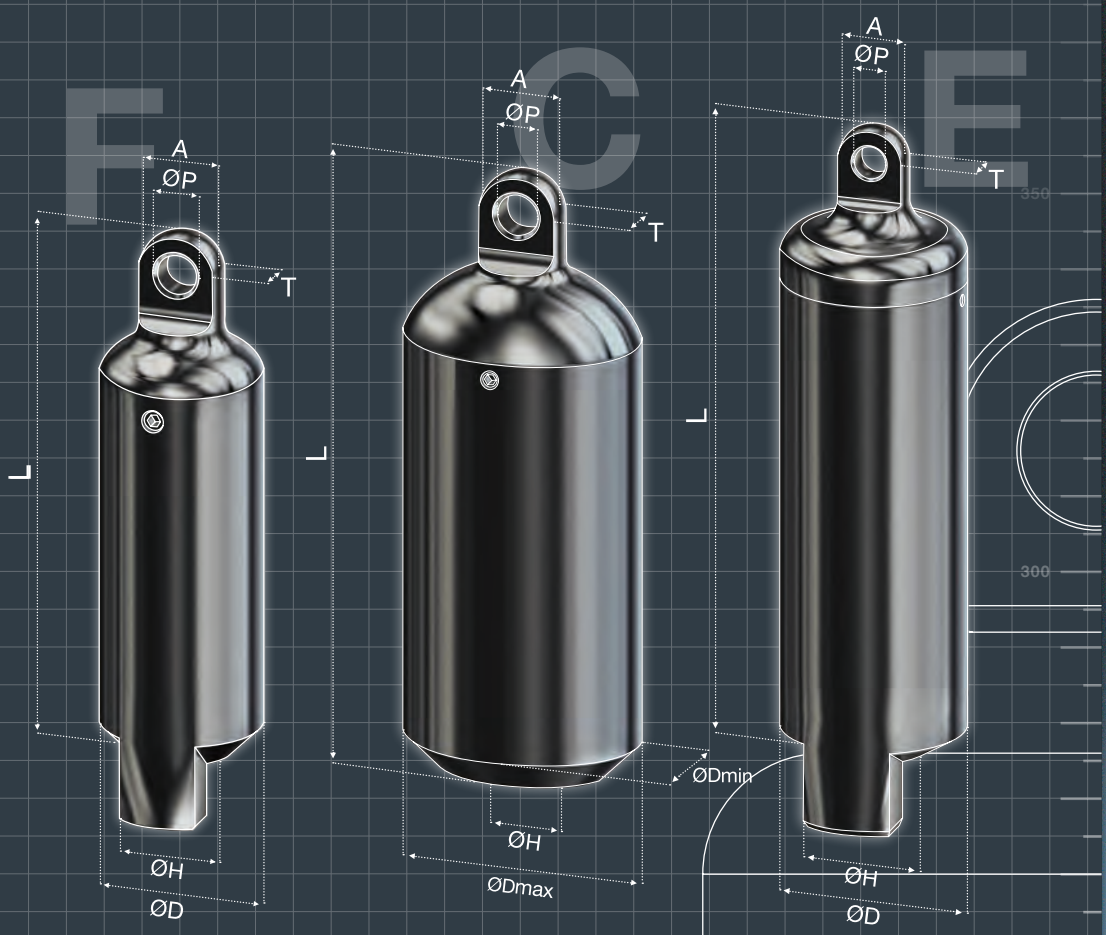
VESS 026 **A029 | TYPE B**

VESS 022 **A020 | TYPE A1**

VESS 015 **A243 | TYPE A2**

LH VESS HOIST ROPE

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

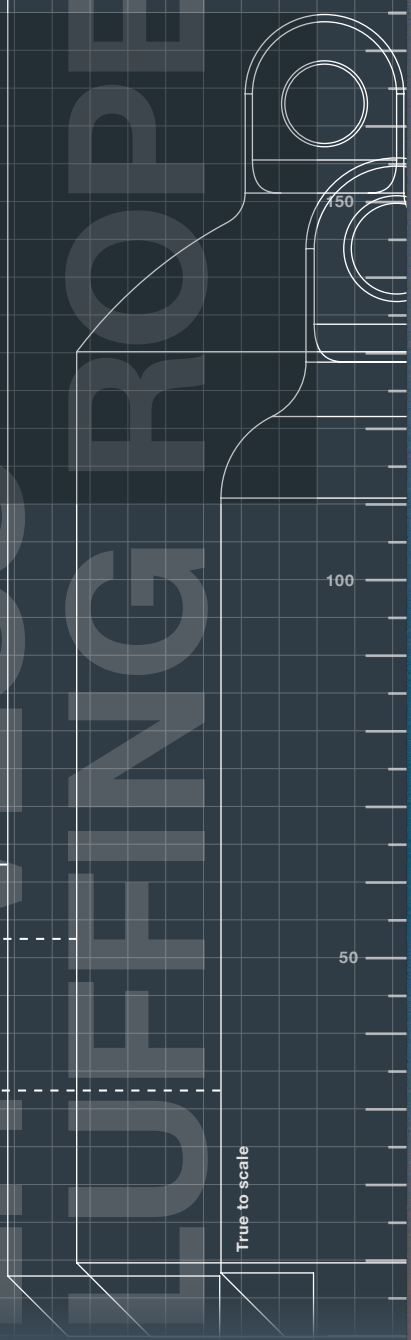
FIELD OF APPLICATION

special wire ropes	non-rotation-resistant ropes
tensile grade	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,747
loss factor	ke = 0,9

VESS 048 **A201 | TYPE E**

VESS 025 **A114 | TYPE C**

VESS 022 **A036 | TYPE F**



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

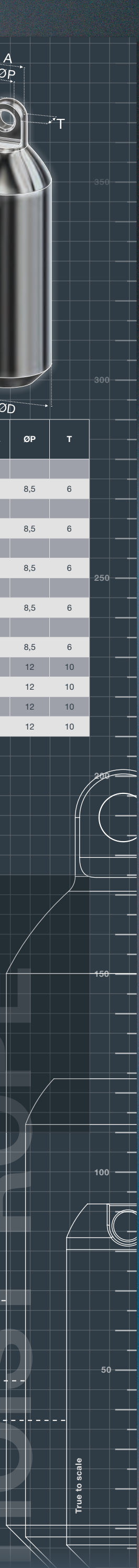
FIELD OF APPLICATION

special wire ropes	rotation-resistant ropes
tensile grade	ßn ≤ 1960 N/mm²
fill factor	f ≤ 0,738
loss factor	ke = 0,9

VESP 028 **A011 | TYPE B**

VESP 021 **A007 | TYPE A1**

VESP 013 **A238 | TYPE A2**



LH VESP HOIST ROPE

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	ßn ≤ 1960 N/mm²
fill factor	f ≤ 0,747
loss factor	ke = 0,9

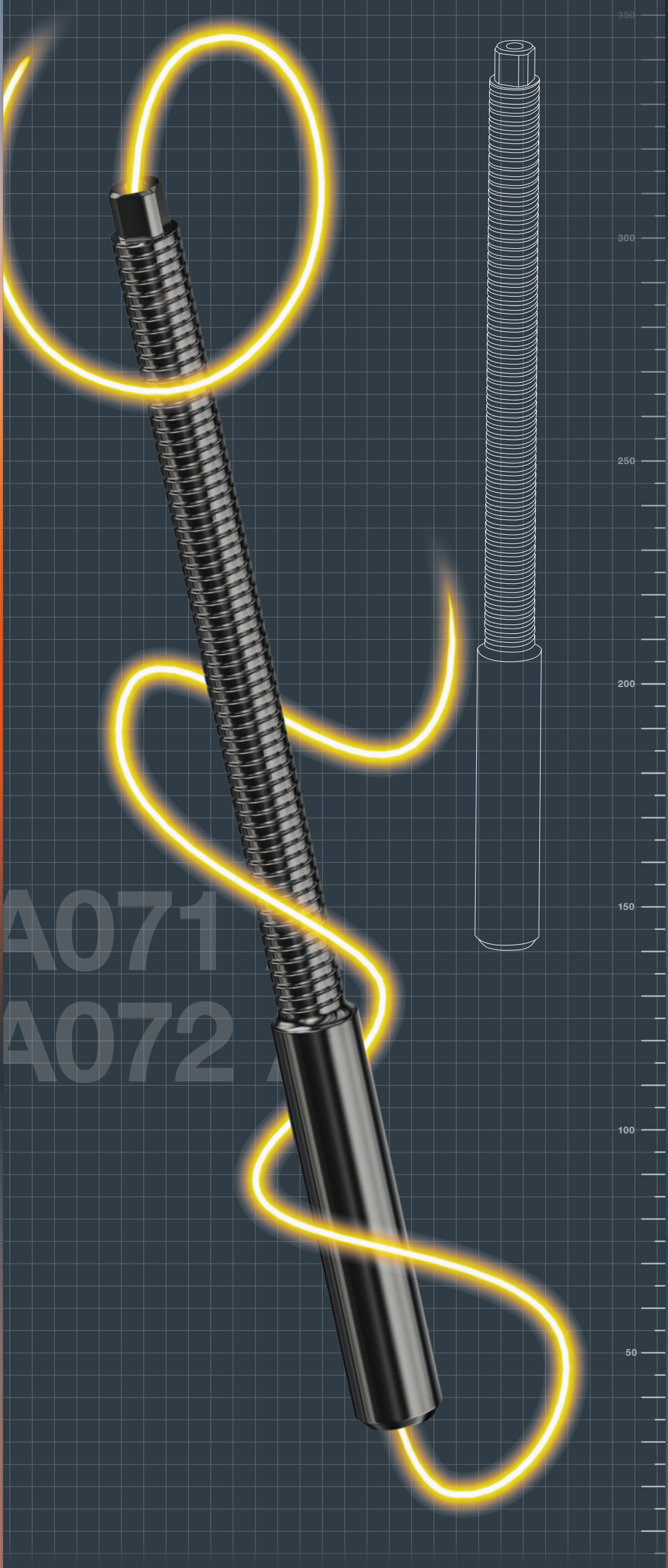
VESP 028 **A014 | TYPE C**

True to scale

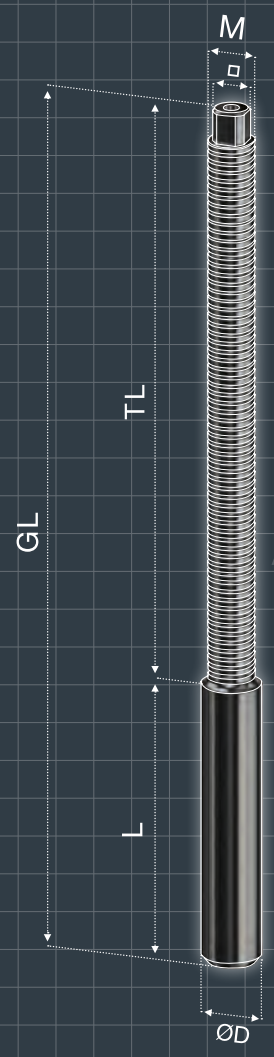
SE

CONTENTS

SE – VTHP



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	ßn ≤ 2160 N/mm²
fill factor	f ≤ 0,747
loss factor	ke = 0,9

VTHP 013 **A072** | **TYPE A**

VTHP 012 **A071** | **TYPE A**