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What we do?

inoxnet® offers comprehensive, end-to-end services-including consulting, design, planning, structural calculations, production, and installation-to clients worldwide who seek to transform their innovative ideas into reality.

Consulting

We provide consultancy to architects, design studios, and contractors, supporting them in achieving their design goals and meeting project requirements. Our consulting process begins with the initial architectural concept and continues through the planning stages to final implementation. We are always pleased to share our insights, whether through phone, email, or in person at our offices.

Planning & Design

The inoxnet® planning process includes:

- Design and System Development
- Planning Support
- Administrative Planning
- Project Application for Ropes, Nets, and Steel Works
- Installation Planning

inoxnet® services are always customer focused, with our specialists involved at every stage of the process, from start to finish. In addition to our standard products, we also offer custom-designed stainless steel net and rope solutions, tailored to meet the unique requirements of each project.



Static Calculations

inoxnet® provides structural static calculations for all types of stainless steel net and rope projects when required.

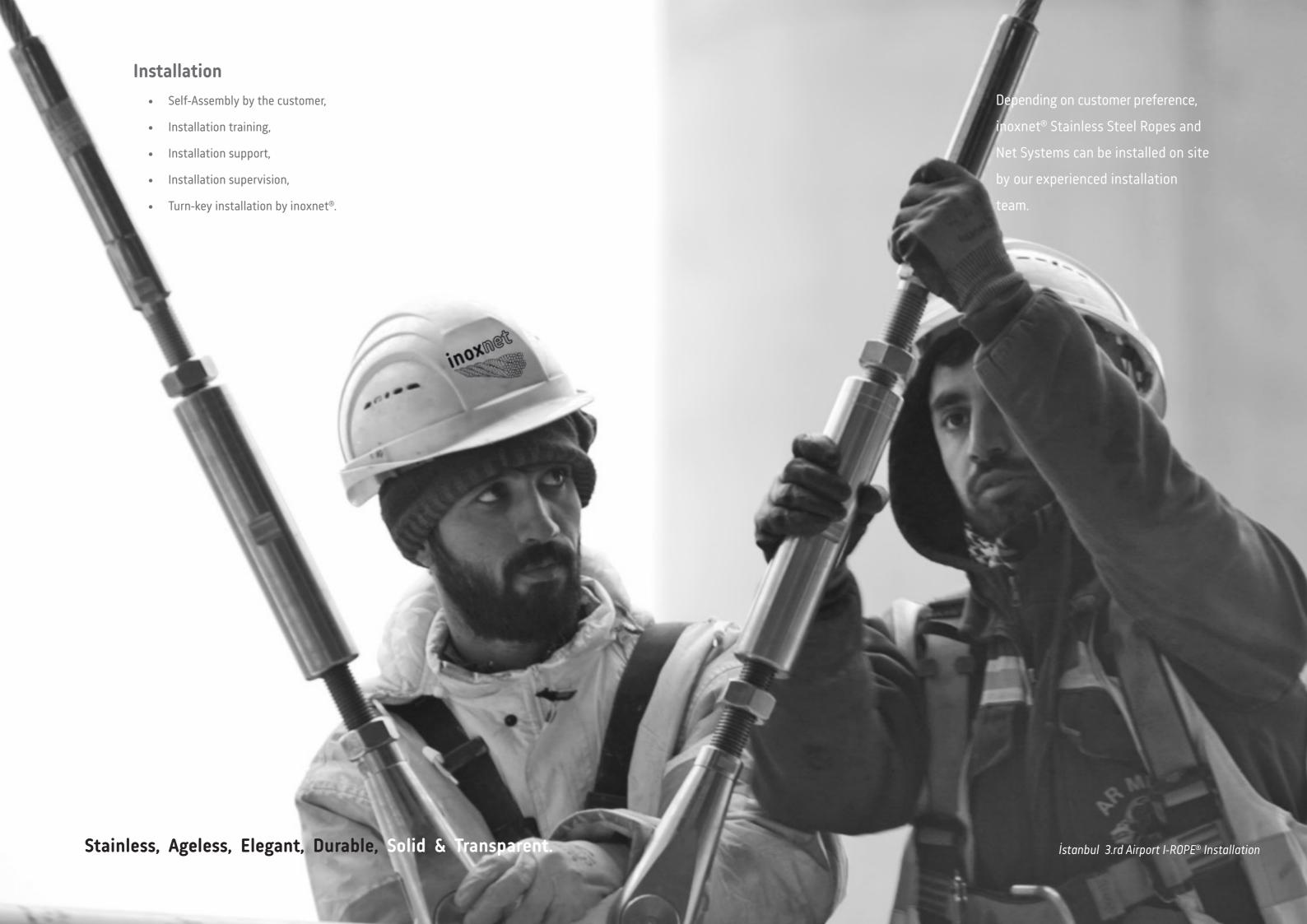
Our static analysis services include:

- System Development
- Shaping of Stainless Steel Nets and Net Structures
- Sizing of Net and Rope Loads
- Calculation of Additional Costs
- Verifiable Structural Static Calculations

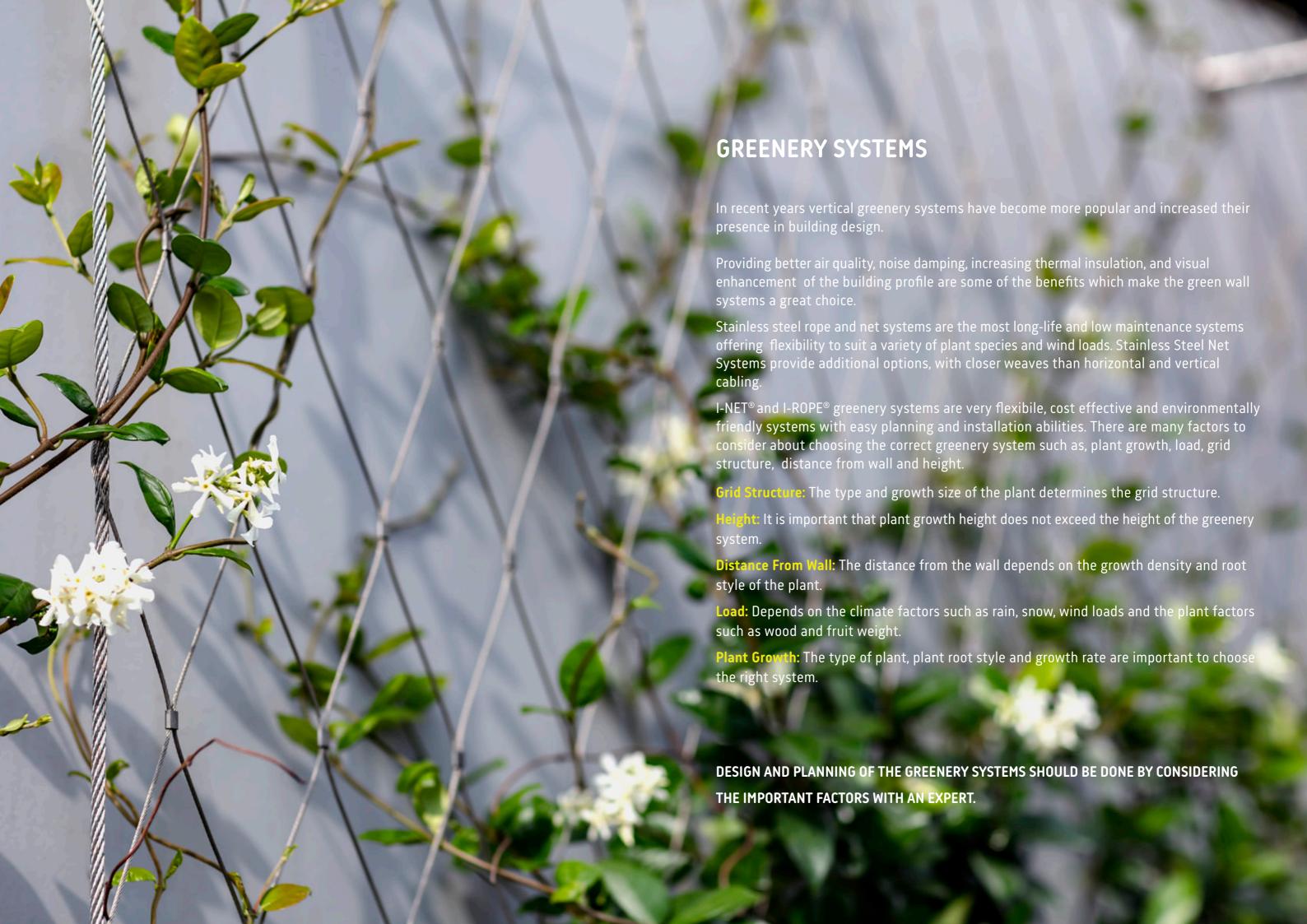
Production

Once the production drawings are approved, they are forwarded to the production department, where manufacturing begins immediately according to these plans. Each net component is meticulously crafted to meet the specified dimensions, diamond orientation, and net ending features. I-ROPE® systems are also produced with precise attention to pin-to-pin measurements and pre-tension loads, as defined by the structural calculations.









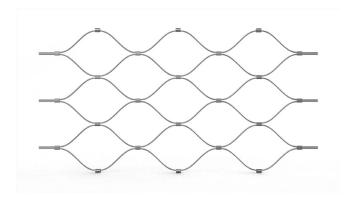
GREENERY SYSTEM DESIGNING AND PLANING

Plant type	Plant name	Plant picture	Growing height (m)	Systems	Sytems's width & heights (mm)	Distance from wall(mm)
	Wisteria		3-10			
ts)	Lonicera (honeysuckles)		3-8		System 1 Width: max.1500 Height: max.2000	
Vines (Twinning plants)	Actinida (kiwi)		4-9	6 7 8	System 2 Width: max.1500 Height: max.2000	90-150
	Fallopia		2-12		System 3/ 4 / 6 / 7 / 8 Width: min.300 - max.800 Height: min.300 - max.2000	
	Five leaf akebia		4-12			
	Ampelopsis		3-8	3 4		
	Passiflora (Passion flower)		3-10			
Climbers	Clematis		3-10	7 8	System 3 / 4 / 7 / 8 Width: min.300 - max.800 Height: min.300 - max.2000	90-150
	Clematis vitalba (Travelers joy)	***	3-10			
	Grape vine (vitis vinifera)		3-30			
ಬ	Jasminum	***	2-8	3 4 5	System 3 / 4	
Scrambling Plants	Rose		2-4		Width: min.300 - max.800 Height: min.300 - max.2000 System 5	90-150
SG	Rubus		2-4		Width: min.300 - max.2000	

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I-NET® GREENERY SYSTEMS

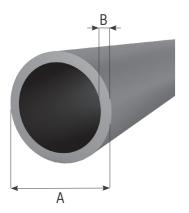
I-NET® GREENERY SYSTEM WITH FRAME



I-NET®

Part Number	Rope	Dimensions in mm		
	Ø mm	NW	NH	
IN-110-150-120	1,5	120	208	
IN-110-150-180	1,5	180	312	

Material AISI 316 L "NW" net width "NH" net height



ROUND FRAME

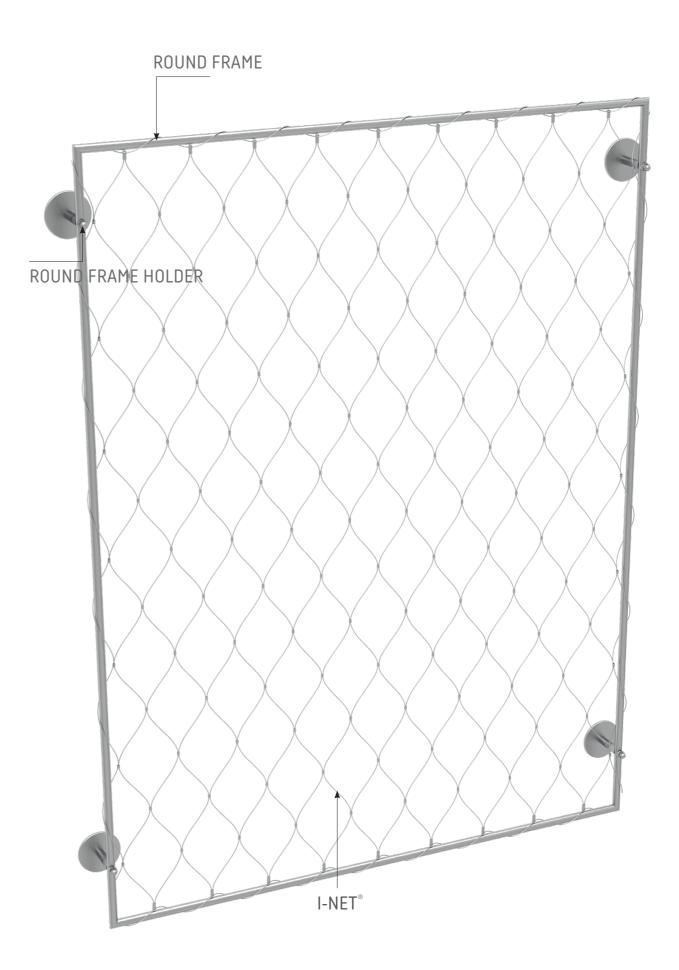
Part Number	Dimensions in			
	Α	В		
IN-F-0021-020	21,3	2		
IN-F-0026-020	26,9	2		
IN-F-0033-026	33,7	2,6		
IN-F-0042-026	42,4	2,6		



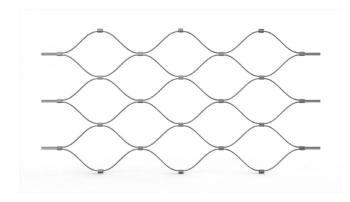


ROUND FRAME HOLDER

Part Number		Dimensions in mm						
	Α	В	С	D				
IN-FH1-0021-000-01	21,3	M6	16	25				
IN-FH1-0026-000-01	26,9	M6	16	25				
IN-FH1-0033-000-01	33,7	M8	20	25				
IN-FH1-0042-000-01	42,4	M8	20	25				



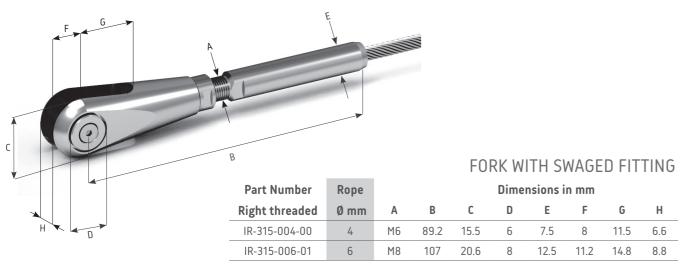
I-NET® GREENERY SYSTEM WITH I-ROPE®



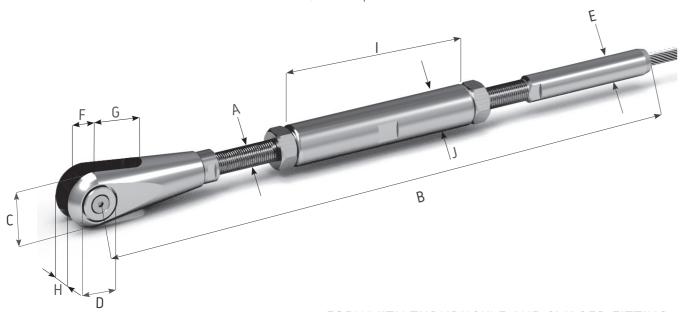
I-NET®

Part Number	Rope	Dimensions in mm	
	Ø mm	NW	NH
IN-110-150-120	1,5	120	208
IN-110-150-180	1,5	180	312

Material AISI 316 L "NW" net width "NH" net height



Material AISI 316 / 1.4462 Duplex

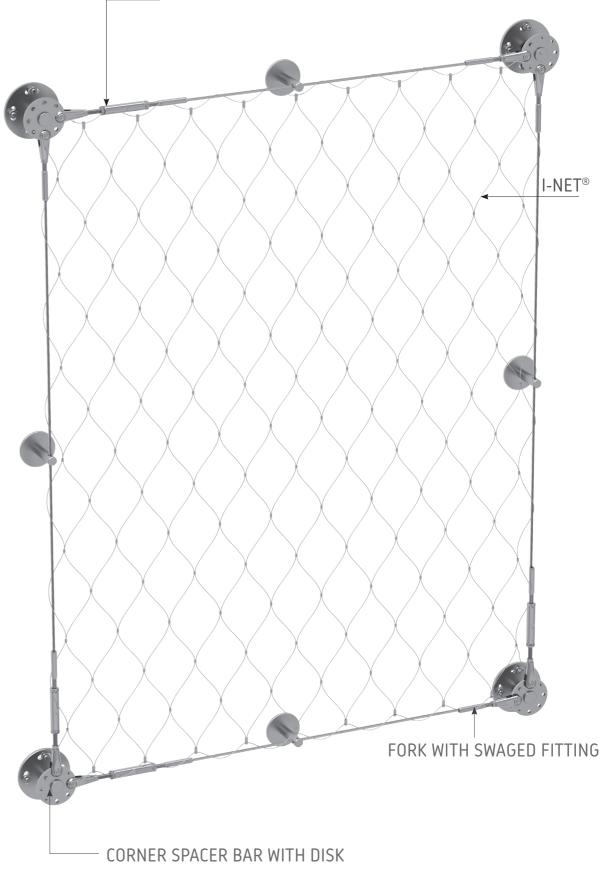


FORK WITH TURNBUCKLE AND SWAGED FITTING

Part Number	Rope		Dimensions in mm										
Right threaded	Ø mm	Α	В	$\boldsymbol{B}_{\text{max}}$	B_{min}	С	D	Ε	F	G	Н	- 1	J
IR-325-004-00	4	M6	185	195	153	15.5	6	7.5	8	11.5	6.6	65	10
IR-325-006-01	6	M8	224	287	186	20.6	8	12.5	11.2	14.8	8.8	70	16

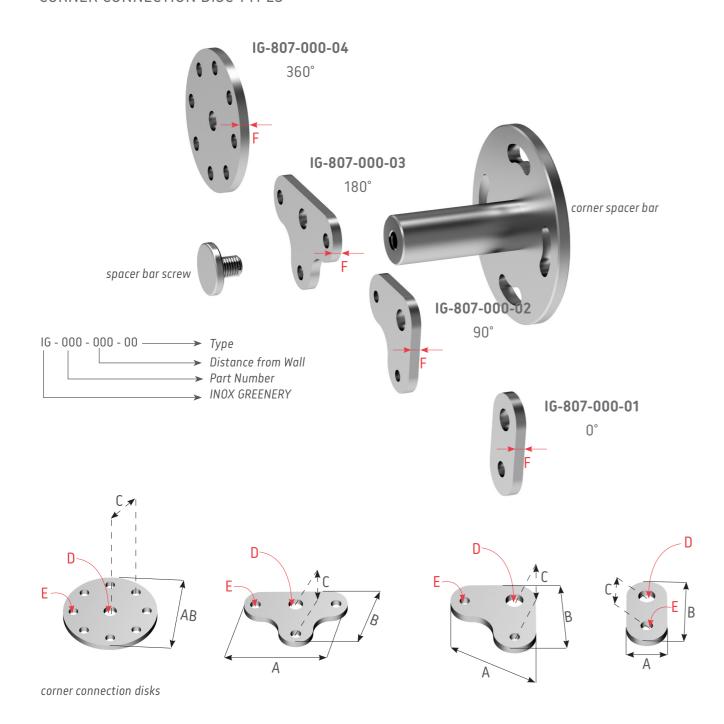
Material AISI 316 / 1.4462 Duplex

FORK WITH TURNBUCKLE AND SWAGED FITTING



I-NET® GREENERY SYSTEM WITH I-ROPE®

CORNER CONNECTION DISC TYPES



CORNER CONNECTION DISC

Part Number	Angle	Rope	Dimensions in mm					
		Ø mm	Α	В	С	D	Ε	F
IG-807-000-01	0°	*4 - 6	30	60	35	9	7	6
IG-807-000-02	90°	*4 - 6	60	60	35	9	7	6
IG-807-000-03	180°	*4 - 6	90	60	35	9	7	6
IG-807-000-04	360°	*4 - 6	90	90	35	9	7	6

Material AISI 316L

*For only Ø4mm and Ø6mm ropes

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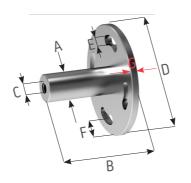
CORNER SPACER BAR WITH DISC

Part Number	Rope	Distance		Dimensions in mm					
	Ø mm	from Wall	Α	В	С	D	Ε	F	G
IG-807-090-04	*4 - 6	90	30	90	98	120	M10	15	8
IG-807-120-04	*4 - 6	120	30	120	128	120	M10	15	8
IG-807-150-04	*4 - 6	150	30	150	158	120	M10	15	8

Material AISI 316L

*For only Ø4mm and Ø6mm ropes

CORNER SPACER BAR

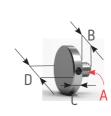


Part Number	Rope	Distance		Dimensions in mm					
	Ø mm	from Wall	Α	В	С	D	Ε	F	G
IG-807-090-00	*4 - 6	90	30	87	M8	120	M10	15	8
IG-807-120-00	*4 - 6	120	30	117	M8	120	M10	15	8
IG-807-150-00	*4 - 6	150	30	147	M8	120	M10	15	8

Material AISI 316L

*For only Ø4mm and Ø6mm ropes

SPACER BAR SCREW

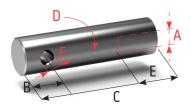


Part Number		Dimensions in mm					
	Α	В	С	D			
IG-804-020-01	M8	16	5	20			
IG-804-025-01	M8	16	5	25			
IG-804-030-01	M8	16	5	30			
IG-804-030-02	M10	10	5	30			
IG-804-020-02	M12	15	5	20			
IG-804-025-02	M12	15	5	25			
IG-804-030-03	M16	15	5	30			

Material AISI 316L



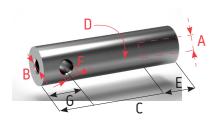




Part Number	Rope	Distance	Dimensions in mm			ım		
	Ø mm	from Wall	Α	В	C	D	Ε	F
IG-817-090-00	*4 - 6	90	M8	15	100	20	20	8.5
IG-817-120-00	*4 - 6	120	M10	15	130	25	30	8.5
IG-817-150-00	*4 - 6	150	M10	15	160	25	30	8.5

Material AISI 316L

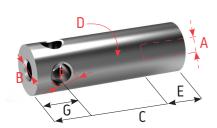
SPACER BAR WITH THREAD



Part Number	Rope	Distance Dimensions in mm							
	Ø mm	from Wall	Α	В	С	D	E	F	G
IG-801-090-00	*4 - 6	90	M8	M8	100	20	20	8.5	15
IG-801-120-00	*4 - 6	120	M10	M8	130	25	30	8.5	15
IG-801-150-00	*4 - 6	150	M10	M8	160	25	30	8.5	15

Material AISI 316L

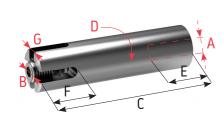
CROSS SPACER BAR



Part Number	Rope	Distance Dimensions in mm							
	Ø mm	from Wall	Α	В	С	D	Ε	F	G
IG-802-090-00	*4 - 6	90	M12	M10	100	30	30	12	10
IG-802-120-00	*4 - 6	120	M12	M10	130	30	30	12	10
IG-802-150-00	*4 - 6	150	M12	M10	160	30	30	12	10

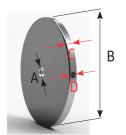
Material AISI 316L

CROSS CLAMP SPACER BAR



Part Number	Rope	Distance		Din	nensior	ns in m	m		
	Ø mm	from Wall	Α	В	С	D	Ε	F	G
IG-803-090-01	4 - 6	90	M8	M12	105	20	20	22	6.5
IG-803-120-01	4 - 6	120	M10	M12	135	25	30	22	6.5
IG-803-150-01	4 - 6	150	M10	M12	165	25	30	22	6.5
IG-803-120-02	6 - 8	120	M12	M16	141	30	30	30	8.5
IG-803-150-02	6 - 8	150	M12	M16	171	30	30	30	8.5

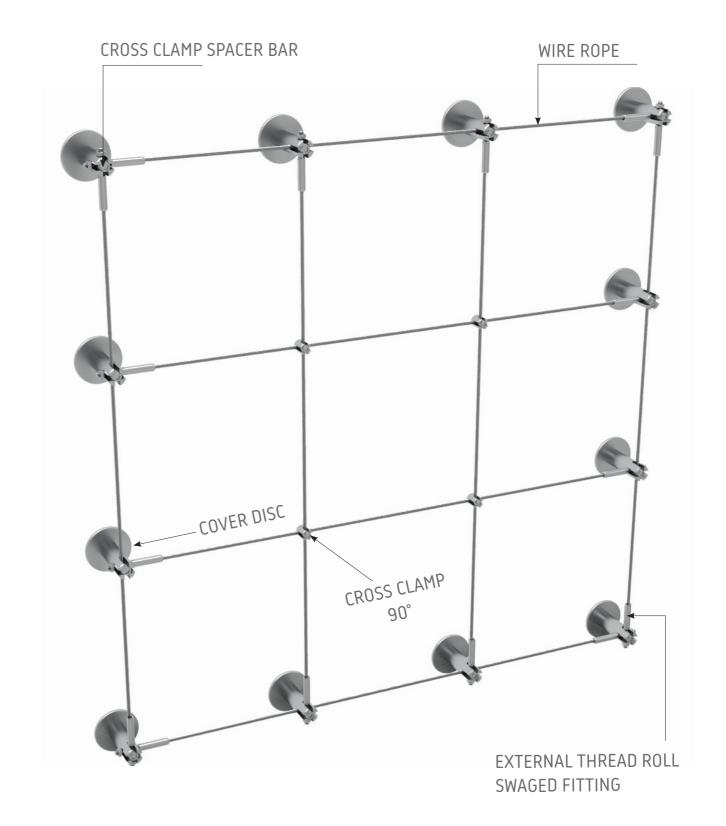
Material AISI 316L



COVER DISC WITH INTERNAL THREAD

Part N	umber	Thread	Dimensions in mm		
		Α	В	С	D
IG-805-	080-01	M8	80	5	3.5
IG-805-	080-02	M10	80	5	3.5
IG-805-	080-03	M12	80	5	3.5

Material AISI 316L



^{*}For only Ø4mm and Ø6mm ropes

^{*}For only Ø4mm and Ø6mm ropes

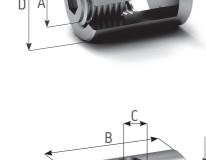
GREENERY ACCESSORIES

D A

CROSS CLAMP ADJUSTABLE

Part Number	Rope	Dim	ensio	ns in n	nm
	Ø mm	Α	В	С	D
IG-808-004-00	4	M12	22	4,5	20
IG-808-006-00	6	M12	26	6,5	20
IG-808-008-00	8	M12	32	8,5	20

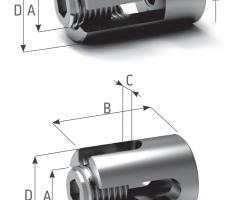
Material AISI 316 L



CROSS CLAMP WITH INTERNAL THREAD ADJUSTABLE

Part Number	Rope	Dimensions in mm				
	Ø mm	Α	В	C	D	E
IG-809-004-00	4	M12	30	4,5	20	M8
IG-809-006-00	6	M12	34	6,5	20	M8
IG-809-008-00	8	M12	40	8,5	20	M8

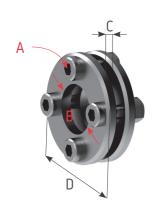
Material AISI 316 L



CROSS CLAMP 90°

Part Number	Rope	Dimensions in mm				
	Ø mm	Α	В	С	D	
IG-810-004-00	4	M12	22	4,5	20	
IG-810-006-00	6	M12	26	6,5	20	
IG-810-008-00	8	M16	27	8,5	30	

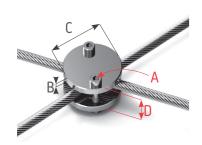
Material AISI 316 L



CROSS CLAMP 0-180°

Part Number	Rope	Dim	ension	ıs in r	mm
	Ø mm	Α	В	С	D
IG-811-040-00	*4 - 6	M5	18	4	40

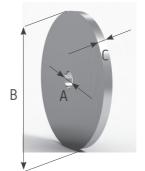
Material AISI 316 L *For only Ø4mm and Ø6mm ropes



CROSS CLAMP

Part Number	Rope	Dimensions in mm				
	Ø mm	Α	В	С	D	
IR-530-004-06	4-6	M4	5	35	18/22	
IR-530-008-12	8-12	M6	8	45	32/40	

Material AISI 316



E C

COVER DISC

Part Number	Dimensions in mm					
	Α	В	C			
IG-806-060-01	10,5	60	5			
IG-806-060-02	12,5	60	5			
IG-806-080-01	10,5	80	5			
IG-806-080-02	12,5	80	5			

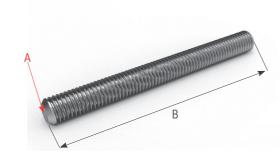
Material AISI 316 L

DUAL THREAD SCREW

Part Number	Part Number	Thread	Dii	mensio	ns in m	m
Right threaded	Left threaded	Α	В	С	D	Ε
917-008-00	918-008-00	M8	40	60	6,9	100
917-010-00	-	M10	30	40	8,9	70

Material AISI 316

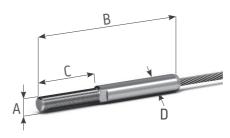
THREADED ROD



Part Number	Part Number	Thread	Dimensions in mm
Right threaded	Left threaded	Α	В
919-008-0100-00	919-008-0100-01	M8	100
919-008-0200-00	919-008-0200-01	M8	200
919-010-0100-00	919-010-0100-01	M10	100
919-010-0200-00	919-010-0200-01	M10	200
919-012-0100-00	919-012-0100-01	M12	100
919-012-0200-00	919-012-0200-01	M12	200

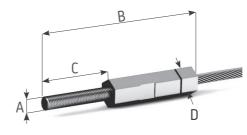
Material AISI 316

EXTERNAL THREAD ROLL SWAGED FITTING



Part Number	Part Number	Set Number	Rope	ı	Dimensio	ons in m	m
Right threaded	Left threaded		Ø mm	Α	В	С	D
IRG-150-004-00	IRG-150-004-01	IRS-120-004-00	4	M6	75	35	7,5
IRG-150-006-00	IRG-150-006-01	IRS-120-006-00	6	M8	109	45	12,5
IRG-150-008-00	IRG-150-008-01	IRS-120-008-00	8	M12	144	60	16

Material AISI 316 L



EXTERNAL THREAD SWAGELESS CONNECTION

Part Number	Part Number	Set Number	Rope	D	imensio	ns in m	m
Right threaded	Left threaded		Ø mm	Α	В	С	D
IR-170-004-00	IR-170-004-01	IRS-140-004-00	4	M6	110	60	13
IR-170-006-00	IR-170-006-01	IRS-140-006-00	6	M8	115	60	15
IR-170-008-00	IR-170-008-01	IRS-140-008-00	8	M10	160	80	19

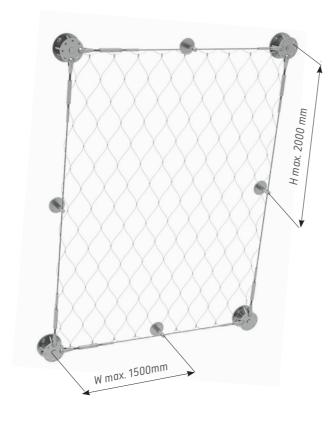
Material AISI 316 L

GREENERY SYSTEM INSTALLATION EXAMPLES

System 1 I-NET Frame System

W max. 1500mm

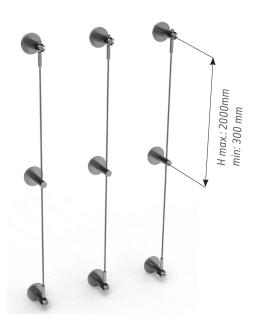
System 2 I-NET Frame System with I-ROPE



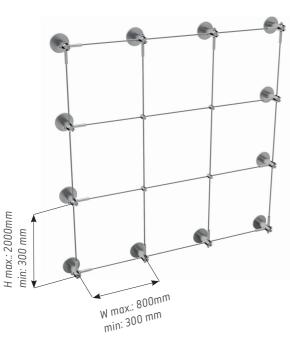
System 5 I-ROPE Horizontal System



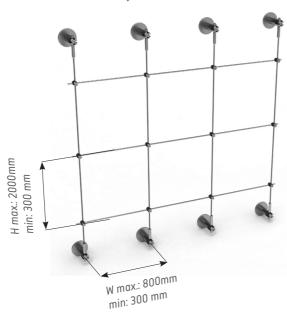
System 6 I-ROPE Vertical System



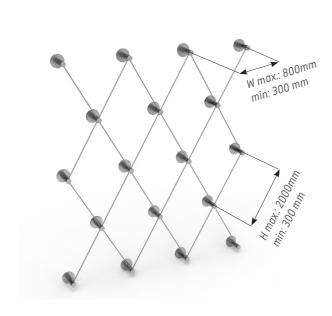
System 3 I-ROPE Grid System 1



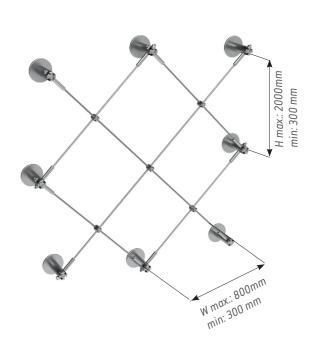
System 4 I-ROPE Grid System 2



System 7 I-ROPE Diagonal System 1



System 8 I-ROPE Diagonal System 2



INSTALLATION ACCESSORIES AND EQUIPMENTS

Fixing components

CONCRETE ANCHOR



Part Number	Thread	Length (mm)
922-006-00	M6	65
922-008-00	M8	70
922-010-00	M10	83
922-012-00	M12	100

Material AISI 316

AERATED CONCRETE ANCHOR



Part Number	Thread	Length (mm)
923-006-00	M6	70
923-008-00	M8	70
923-010-00	M10	70

Material AISI 316

ANCHOR SYSTEM FOR CONCRETE





Part Number	Dimension	Length (mm)	Description
921-006-00	M6	60	including M6 threaded rod, hexagon nut and washer
921-008-00	M8	80	including M8 threaded rod, hexagon nut and washer
921-010-00	M10	100	including M10 threaded rod, hexagon nut and washer
921-012-00	M12	120	including M12 threaded rod, hexagon nut and washer
951-100-01	300ml		HIT-1 / HIT-1 CE / Adhesive anchor injection mortar
952-170-01	330ml		HIT- HY 170 / Adhesive anchor injection mortar

ANCHOR SYSTEM FOR MASONRY



Part Number	Dimension	Description
924-016-50	16 x 50	HIT-SC / 16 x 50mm mesh sleeve
924-016-85	16 x 85	HIT-SC / 16 x 85mm mesh sleeve
953-270-00	330ml	HIT- HY 270 / Adhesive anchor injection mortar for masonry
950-000-01		HDM / Manual Dispenser gun
950-000-02		HR-RE / Mixing nozzle







THERMO ANCHOR WITH PERFORATED SLEEVE

Dimensions in mm



А	В	С	D	Ε
M10	330	150	170	15
M12	330	150	170	15
M10	370	150	210	15
M12	370	150	210	15
	M12 M10	M10 330 M12 330 M10 370	M10 330 150 M12 330 150 M10 370 150	M10 330 150 170 M12 330 150 170 M10 370 150 210





Part Number	Description
954-330-00	HIT-MM Plus 330/2 Adhesive anchor injection mortar
955-275-00	HFX 275/2 Adhesive anchor injection mortar



		THREAD LOCK FLUID
Part Number	Dimension	Description
956-243-10	10ml	Locktite 243 for locking and sealing the thread fasteners
956-243-50	50ml	service temprature -55°C to 150 °C

SCREW FOR WOOD



Part Number	Thread	Length (mm)
916-006-00	M6	25
916-008-00	M8	30
916-010-00	M10	40

PLASTIC TIES

PLASTIC ENDCAP



Part Number	Dimensions (mm)
INT-601-160	4,5x160
INT-601-300	4,5x300



Part Number	Rope Dia (mm)
INT-602-004	4
INT-602-006	6

Tools and Equipments





Part Number	Rope Dia (in mm)	Dimensions (mm)	Weight (in gr)
INT-080-250	1.5, 2, 3	250 x 75 x 28	525



Part Number	Rope Dia (in mm)	Dimensions (mm)	Weight (in gr)
INT-740-012	1 to 4	200 x 47 x 15	263



CABLE CUTTER	CA	BL	E (CU.	TT	ER
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CABLE CUTTER

Part Number	Rope Dia (in mm)	Dimensions (mm)	Weight (in gr)
INT-760-012	4 to 12	-	1500





Part Number	Rope Dia (in mm)	Dimensions (mm)	Weight (in gr)
INT-300-225	All	191 x 64 x 51	2070





Part Number	Rope Dia (in mm)	Dimensions (mm)	Weight (in gr)
INT-975-206	1,5 and 2	250 x 70 x 25	565

MANUAL CRIMPING TOOL DIES



Part Number	Rope Dia (in mm)	Dimensions (mm)	Weight (in gr)
INT-975-015-00	1,5	30 x 14 x 9	17
INT-975-020-00	2	30 x 14 x 9	17

HYDROLIC CRIMPING TOOL



Part Number	Rope Dia (in mm)	Dimensions (mm)	Weight (in gr)
INT-976-175	1.5, 2, 3	-	3000

HYDROLIC CRIMPING DIES



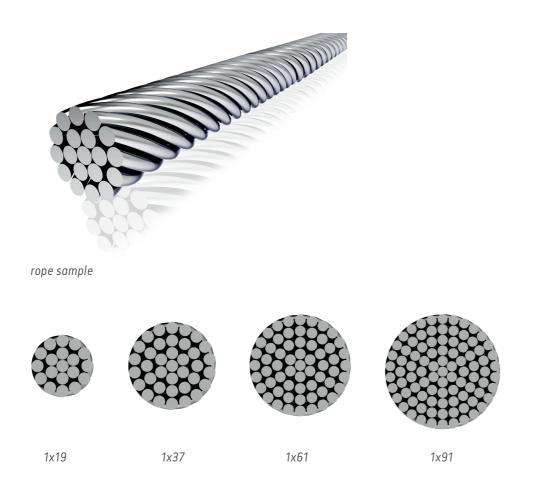
Part Number	Rope Dia (in mm)	Description	Dimensions (mm)	Weight (in gr)
INT-976-015-01	1,5	for I-NET ferrules	42 x 22	235
INT-976-020-01	2	for I-NET ferrules	42 x 22	235
INT-976-030-01	3	for I-NET ferrules	42 x 22	235
INT-976-015-02	1,5	for I-NET eyelets	42 x 22	235
INT-976-020-02	2	for I-NET eyelets	42 x 22	235
INT-976-030-02	3	for I-NET eyelets	42 x 22	235
INT-976-040-03	4	for I-ROPE fittings	42 x 22	235
INT-976-060-03	6	for I-ROPE fittings	42 x 22	235
INT-976-080-03	8	for I-ROPE fittings	42 x 22	235





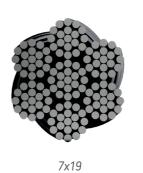
CHARACTERISTICS OF WIRE ROPES

Explanation and Application of Wire Ropes



Type of Wire Rope	Explanation
	Consist of several layers of individual round wires. They are manufactured from stainless steel wire. If a open spiral rope forms part of a strand rope, it is called "strand". The designation of the various types of wire rope constructions depends on the number of wires in the rope cross section.
Spiral Ropes	Applications
	Carrier cables for lightweight membran structrues, Carrier/tensioning cables in cable nets, Carrier cables for light suspension bridges, Hanger cables for suspension bridges, Balustrade cables for suspension bridges, Bottom flange cables for load-bearing structures.







Type of Wire Rope	Explanation
	Wire ropes consist of a number of strands twisted together. This construction makes them very flexible. The code for this type of wire depends on the number of strands and the number of wires per strand.
Strand Ropes	Applications
	Tensioning cables for lightweight membran structures, Hanger cables for suspension bridges, Balustrade cables for bridges, Bottom flange cables for load-bearing structures, Cross-bracing structures.

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Technical Information About Wire Ropes

SPIRAL / STRAND ROPE DIN EN 12385-10

: Stainless steel wire 1.4401 (AISI 316) to DIN EN 10264-4 Material

Modulus of Elasticity : 130 kN/mm² ± 10 kN/mm²

Tolerance on Diameter : 0% / +3%

Socketing : D= 4-40mm Swaging

Rope Ø	Minimum Breaking Force	Charact. Breaking Force	Tension Strength	Metallic Cross Section	Stiffness	Weight
mm	Fmin [kN]	Fuk (1) [kN]	FRd (2) [kN]	A [mm²]	EA [MN]	[kg/m]
4	13	11.8	7.2	10	1.28	0.1
6	27	24.3	14.7	22	2.86	0.2
8	49	44.1	26.7	39	5.07	0.3
10	76	68.4	41.5	60.7	7.9	0.5
12	110	99	60	88	11.4	0.7
14	149	134.1	81.3	120	15.5	1
16	206	185.4	112.4	154	20.1	1.3
18	261	234.9	142.4	197	25.6	1.6
20	322	289.8	175.6	244	31.7	2
22	389	350.1	212.2	293	38.1	2.4
24	463	416.7	252.5	350	45.5	2.9
26	544	489.6	296.7	410	53.3	3.4
28	629	566.1	343.1	474	61.6	3.9
30	724	651.6	394.9	545	70.8	4.5
32	824	741.6	449.5	618	80.4	5.1
34	929	836.1	506.7	701	91.1	5.8
36	1042	937.8	568.4	784	102	6.5
38	1086	977.4	592.4	838	109	6.9
40	1198	1078.2	653.5	929	121	7.7

Fmin: Minimum Breaking Force.

Fuk: Breaking Strength of Wire Ropes Inc. End Connectors.
FRd: Limit Tension Resistance of the Wire Ropes Inc. End Connectors.

ke: Loss Factor .

 \mathbf{F} uk = \mathbf{F} min x \mathbf{k} e. **F**Rd = (**F**min x **k**e) / 1,65 . **k**e = 0,9 (swaged fitting)





OVERVIEW OF STAINLESS STEEL

Material

Stainlesss steel is an iron-based alloy which contains 10,5% chromium. This element keeps it self stain proof by creating a chromium-oxide layer on the surface of the material.

316 is a type of austhenitic stainless steel which is a popular grade as 304 with a higher corrosion resistance.

Different to 304 it contains Molibdenum and higher Nickel as well as Chromium contents. Since inox-net® products are used widely in outer weather conditions. inox-net® prefers 316 grade because of its better resistance to chemicals and chlorides (like salt). 316L has a better corrosion resistance and welding behaviour containing less Carbon. 316Ti has a better corrosion resistance compared to 316L with its Titanium content and higher friction resistance.

On the other hand Duplex stainless steel has both better corrosion and mechanical properties than 316L and 316Ti. This inox-net® prefers duplex stainless steel for the individual properties requested by special projects.

MATERIAL GROUPS

	EN 10088-3		AISI	Cmax.	Cr	Ni	Div	Туре
AISI 316 group	1.4401	X5CrNiMo17-12-2	316	0.07	18	10		Austenitic
	1.4404	X2CrNiMo17-12-2	316L	0.03	17	11	Mo	Austenitic
	1.4408	GXCrNiMo19-11-2		0.07	19	10		Austenitic
	1.4435	X2CrNiMo18-14-3	316L	0.03	18	12		Austenitic
	1.4571	X6CrNiMoTi17-12-2	316Ti	0.1	18	10	Ti	Austenitic
Duplex group	1.4462	X2CrNiMoN22-5-3	2205	0.03	21-23	4,5-6,5	Мо	Austenitic-Ferritic
	1.4410	X2CrNiMoN25-7-4	2507	0.03	24-26	6-8	Мо	Austenitic-Ferritic
Designation	European		USA	Carbon	Chromium	Nickel	Ti = Titanium	
	Standard		Standard				Mo = Molybdenum	

CRITERIA OF DIFFERENTATION AISI 316 / DUPLEX

	AISI 316	Duplex				
Material Number	1.4401 1.4404	1.4462				
	1.4408 1.4435	1.4410				
	1.4436 1.4571					
Properties	weather-proof	weather-proof				
	highly acid-resistant	highly acid and corrosion resistant highly resistant to aqueous environment and seawater higher mechanical properties				

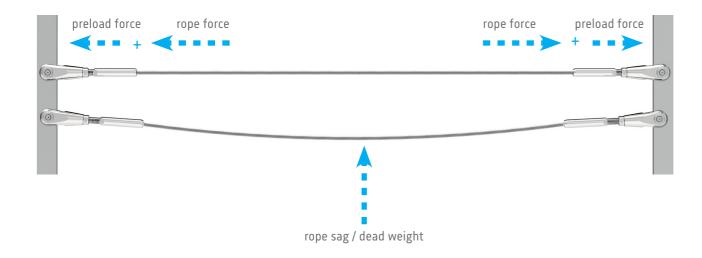


Maintenance and Cleaning Corrosion • Rinse with water to remove dirt. High pressure jet cleaners can be used. Although stainless steel is resistant to corrosion by its self-passivation mechanism rust may occur in some situations. • Wash with warm water containing soap or %5 ammonia using a soft brush. Some reasons of rust; • To remove rust use domestic cleaning creams or polishes which may contain calcium carbonate or citric acid. • Contamination by iron particles in the atmosphere or by iron dust from the nearby operations such as grinding, drilling and cutting. · Soft cleaning cloths. • Lack of cleaning. Defects in design selecting the correct grade, finishing. • Combination with other materials only stainless steel fasteners should be used on stainelss steel components. **How to Avoid Corrosion?** • Correct and appropriate grade should be selected for the environment during the design phase (AISI 304, AISI 316 are not resistant to the sea water and chloridic water, AISI 316 has a limited resistance to seawater, Duplex is resistant to seawater). • Stainless steel should be cleaned often enough to maintain a good appearance and preserve corrosion • Keep away from hydrochloric acid, chloride or fluoride.

TECHNICAL TIPS

Rope Forces and Tensioning

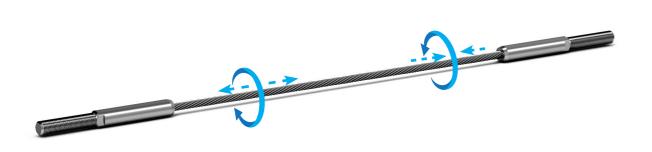
To make up an effective total, rope force and preload force should be applied as a combination. The ropes are held by means of fittings such as end stops and nuts. The length of the rope can be adjusted by the help of this joints.



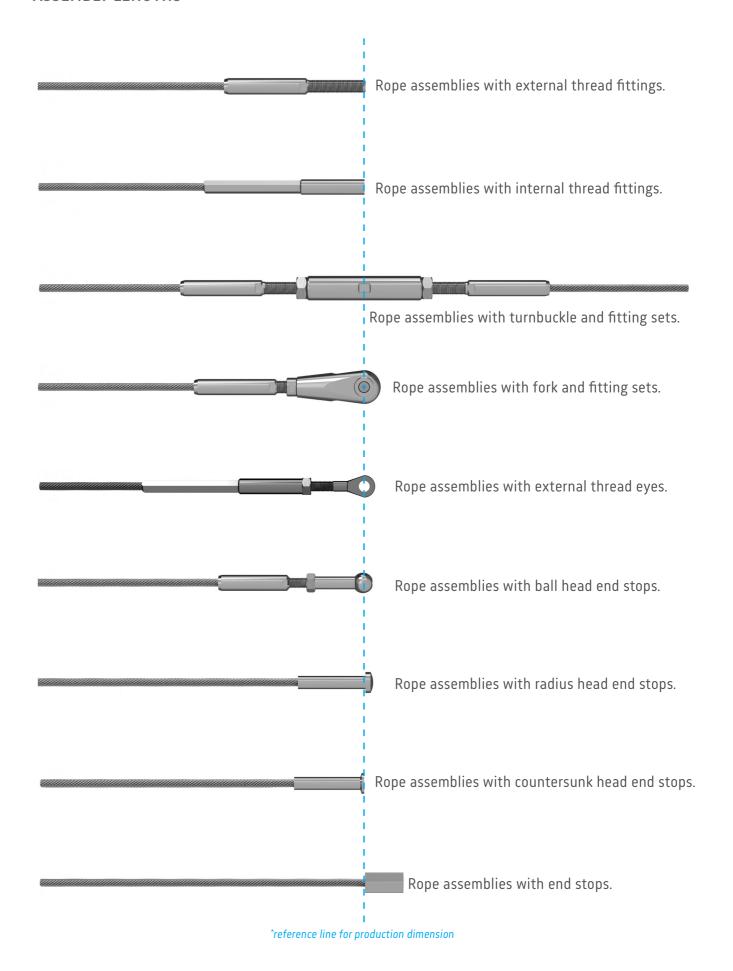
Tightening and Loosening Description of Rope System

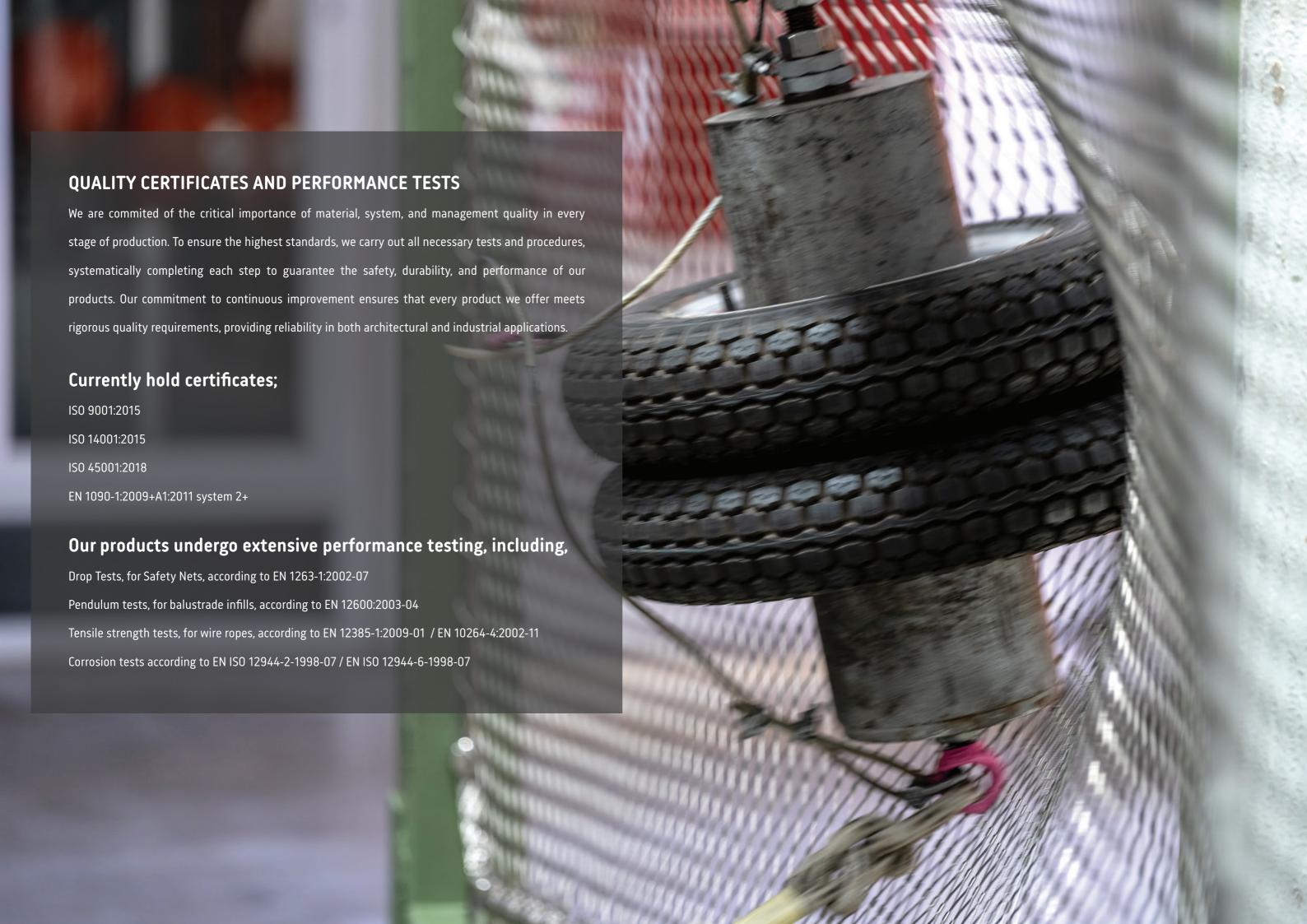
Right Hand / Left Hand Thread

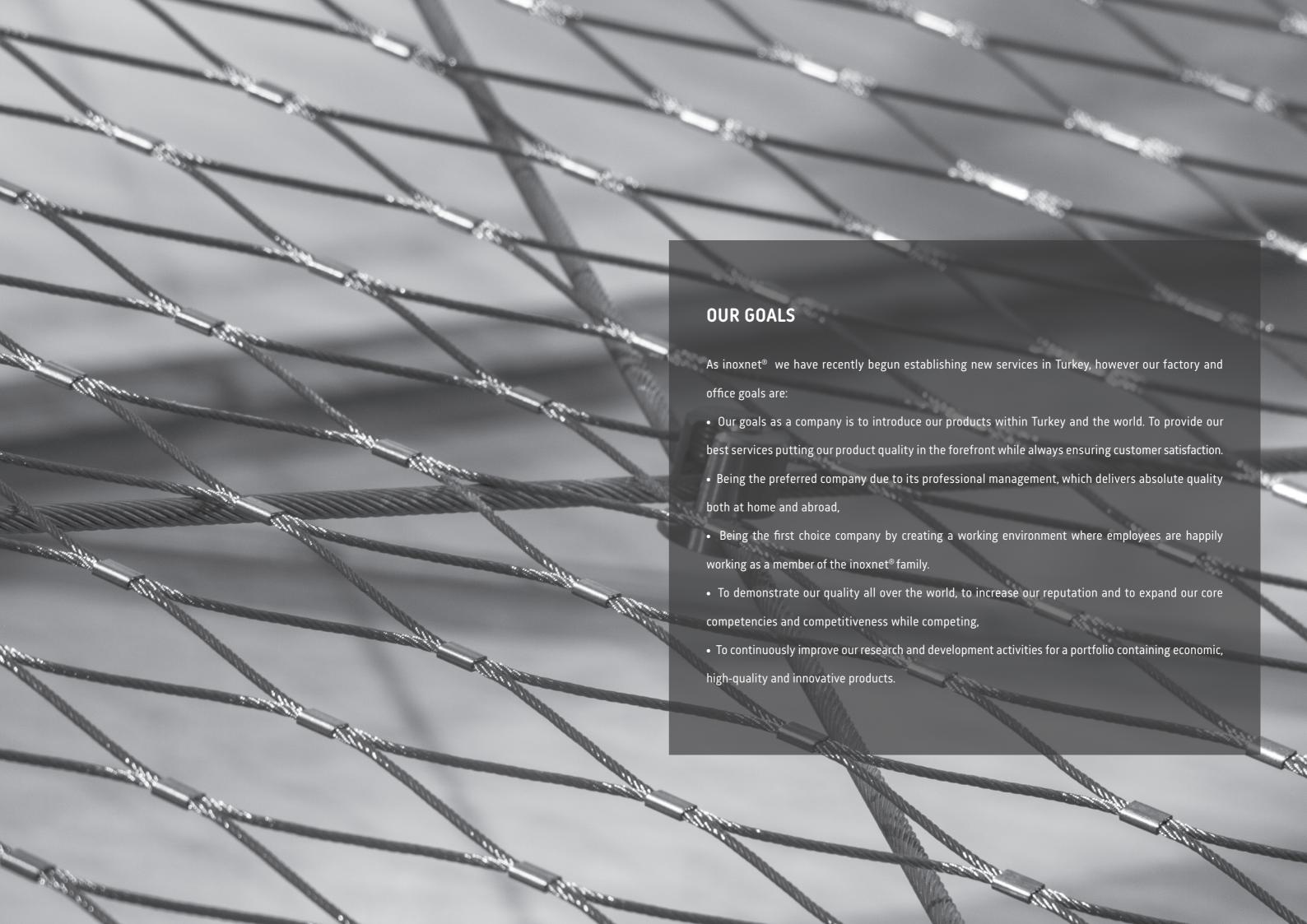
Where it is not possible to tension the rope from outside then a rope configuration with right hand /left hand thread should be used. The tensioning and releasing is effected by turning the entire rope. Both side right or both side left hand thread is used where the rope can be tensioned from outside.



ASSEMBLY LENGTHS









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