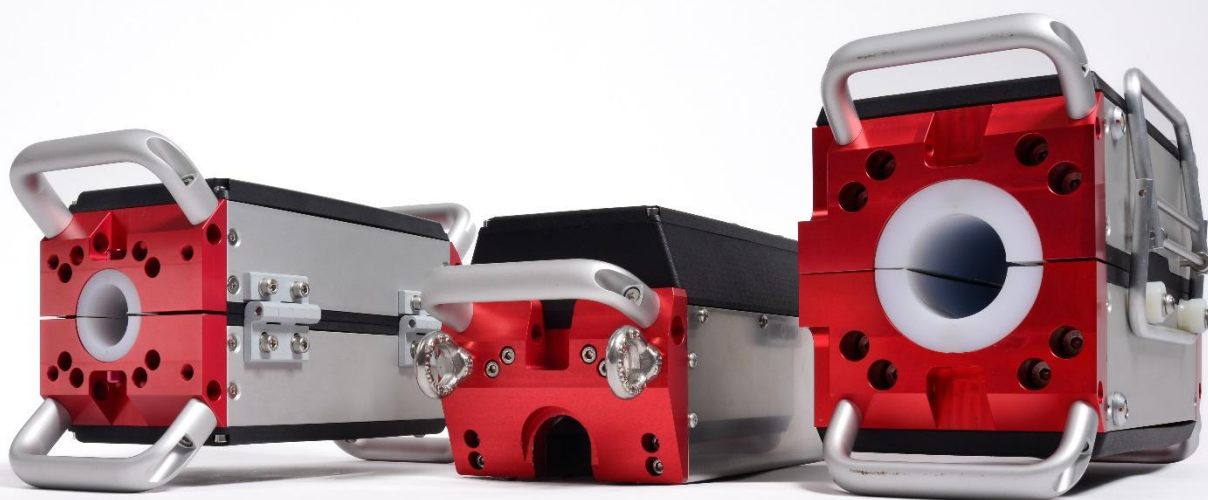




Magnetic Rope Testing.

Articles & Components

Image	Item-No.	Item
	P120T9011	R28 Expert Device Magnetic Rope Testing device d=6-28mm Incl. data recording, power supply, rechargeable battery, WIFI Software Dimensions: 300x140x171 mm Weight (net): 5,7 kg CTN: 90241020 Country of origin: Germany
	P152T9011	Magnetic Rope Testing device d=6-28mm Optimized for testing track ropes Incl. data recording, power supply, rechargeable battery, WIFI Software Dimensions: 327x183x167 mm Weight (net): 8,5kg CTN: 90241020 Country of origin: Germany
	P122T9011	R58 Expert Device Magnetic rope testing device d=18-58mm Incl. data recording, Power supply, rechargeable battery, WIFI software Dimensions: 370x176x212 mm Weight (net): 14,5 kg CTN: 90241020 Country of Origin: Germany
	P154T9011	U58 Expert Device Magnetic rope testing device d=18-58mm Optimized for testing track ropes Incl. data recording, Power supply, rechargeable battery, WIFI software Dimensions: 383x227x225 mm Weight (net): 17,3 kg CTN: 90241020 Country of Origin: Germany



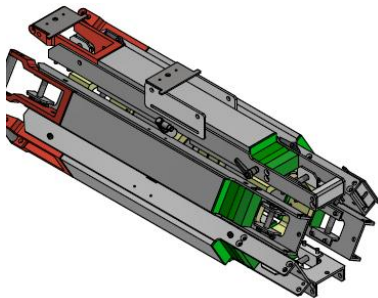
P124T9011

R83 Expert Device
Magnetic rope testing device d=43-83mm
Incl. data recording, Power supply, rechargeable battery, WIFI, software
Dimensions: 408x219x254 mm
Weight (net): 28,3 kg
CTN: 90241020
Country of Origin: Germany



P158T9011

U83 Expert Device
Magnetic rope testing device d=43-83mm
Optimized for testing track ropes
Incl. data recording, Power supply, rechargeable battery, WIFI software
Dimensions: 386x238x274 mm
Weight (net): 38,5 kg
CTN: 90241020
Country of Origin: Germany



P126T9011

R140 MRT device
Magnetic rope testing device d=80-140mm
Incl. data recording, Power supply, rechargeable battery, WIFI software
Dimensions: 868x316x316 mm
Weight (net): 120 kg
CTN: 90241020
Country of Origin: Germany



P115T7001

Transport case rope testing device „light“ R28
For magnetic rope testing device R28 incl. charger
Fulfills the regulations according to IATA DGR 953 (therefore the magnet may be transported by air freight)
IATA Certificate download:
<https://www.ropesys.com/en/download/customer-area-download/>
Dimensions: 296x396x230 mm
Weight (net): 3,3 kg
CTN: 90249000
Country of origin: Germany



P115T7002

Transport case guidings & sensors „light“ R/U28
For 9 pairs of guidings and sensors
Dimensions: 296x396x330 mm
Weight (net): 3,3 kg
CTN: 90249000
Country of origin: Germany



P115T7003

Transport Case Rope Testing Device „light“ R58
For Magnetic rope testing device R58 incl. charger
Does not comply with IATA DGR 953 regulations (no air transportation). For air transportation please choose PELI case
Dimensions: 296x396x230 mm
Weight (net): 2,2 kg
CTN: 90249000
Country of origin: Germany



P115T7004

Transport Case Guidings & sensors „light“ R/U58
For 4 pairs of guidings and sensors
Dimensions: 502x396x230 mm
Weight (net): 3,3 kg
CTN: 90249000
Country of origin: Germany



P115T7000

Transport Case Accessories „light“
Dimensions: 296x396x330 mm
Weight (net): 3,3 kg
CTN: 90249000
Country of origin: Germany



Trolley board
For Systainer „light“
Dimensions: mm
Weight (net): 3,1 kg
CTN: 90249000
Country of origin: Germany



P115T7101

Transport case R28 "PELI" MRT device R28
Fulfills the regulations according to IATA DGR 953 (therefore the magnet may be transported by air freight)
IATA Certificate download:
<https://www.ropesys.com/en/download/customer-area-download/>
Weight (net): 7,8 kg
CTN: 90249000
Country of origin: Germany



Transport case U28 „PELI“ MRT device U28
Fulfills the regulations according to IATA DGR 953 (therefore the magnet may be transported by air freight)
IATA Certificate download:
<https://www.ropesys.com/en/download/customer-area-download/>
Weight (net): kg
CTN: 90249000
Country of origin: Germany
AVAILABLE SOON



P115T7100

Transport Case Accessories „PELI“
Dimensions: 561x455x265 mm
Weight (net): 7,6 kg
CTN: 90249000
Country of origin: Germany



P115T7102

Transport Case R58 "PELI" MRT device R58
For MRT device R58, charger etc., 2 additional pairs of sensors, 2 additional pairs of guidings OR measuring wheel.
Fulfills the regulations according to IATA DGR 953 (therefore the magnet may be transported by air freight)
IATA Certificate download:
<https://www.ropesys.com/en/download/customer-area-download/>
Dimensions: 561x455x265 mm
Weight (net): 7,6 kg
CTN: 90249000
Country of origin: Germany



P115T7104

Transport Case U58 "PELI" MRT device U58
Fulfills the regulations according to IATA DGR 953 (therefore the magnet may be transported by air freight)
IATA Certificate download:
<https://www.ropesys.com/en/download/customer-area-download/>
Dimensions: 628x497x303 mm
Weight (net): kg
CTN: 90249000
Country of origin: Germany



P115T7103

Transport Case R/U58 Sensors&guidings "PELI"
Dimensions: 561x455x265 mm
Weight (net): 7,6 kg
CTN: 90249000
Country of origin: Germany



P115T7106

Transport Case Rope Testing device „PELI" R83
For MRT device R83, charger etc., 2 additional pairs of sensors, 2 additional pairs of guidings OR measuring wheel.
Fulfills the regulations according to IATA DGR 953 (therefore the magnet may be transported by air freight)
IATA Certificate download:
<https://www.ropesys.com/en/download/customer-area-download/>
Dimensions: 628x497x303 mm
Weight (net): 10 kg
CTN: 90249000
Country of origin: Germany



P115T7107

Transport Case Rope Testing device „PELI“ U83
Does not fulfill the regulations according to IATA DGR 953
(therefore the magnet may not be transported by air freight)
For air-freighting a special steel case will be
Dimensions: 628x497x303 mm
Weight (net): kg
CTN: 90249000
Country of origin: Germany



P115T7108

Transport Case Guidings & sensors „PELI“ R/U83
Dimensions: 628x497x303 mm
Weight (net): 13,0 kg
CTN: 90249000
Country of origin: Germany



P115T7109

Transport Case Pneumatics
Dimensions: 628x497x303 mm
Weight (net): 9,10 kg
CTN: 90249000
Country of origin: Germany



transport case magnet R140
Weight (net): kg
CTN: 90249000
Country of origin: Germany



P120T9071 Sensors for R28/U28, d=14 mm
Weight (net): 0,1 kg
CTN: 90249000
Country of origin: Germany

P120T9072 Sensors for R28/U28, d=17 mm
Weight (net): 0,1 kg
CTN: 90249000
Country of origin: Germany

P120T9073 Sensors for R28/U28, d=20 mm
Weight (net): 0,1 kg
CTN: 90249000
Country of origin: Germany

P120T9074 Sensors for R28/U28, d=23 mm
Weight (net): 0,1 kg
CTN: 90249000
Country of origin: Germany

P120T9075 Sensors for R28/U28, d=26 mm
Weight (net): 0,1 kg
CTN: 90249000
Country of origin: Germany

P120T9076 Sensors for R28/U28, d=29 mm
Weight (net): 0,1 kg
CTN: 90249000
Country of origin: Germany

P120T9077 Sensors for R28/U28, d=32 mm
Weight (net): 0,1 kg
CTN: 90249000
Country of origin: Germany

P120T9078 Sensors for R28/U28, d=35 mm
Weight (net): 0,1 kg
CTN: 90249000
Country of origin: Germany



P122T9071 Sensors for R58/U58, d=30 mm
Weight (net): 0,26 kg
CTN: 90249000
Country of origin: Germany

P122T9072 Sensors for R58/U58, d=35 mm
Weight (net): 0,24 kg
CTN: 90249000
Country of origin: Germany

P122T9073 Sensors for R58/U58, d=40 mm
Weight (net): 0,24 kg
CTN: 90249000
Country of origin: Germany

P122T9074 Sensors for R58/U58, d=45 mm
Weight (net): 0,22 kg
CTN: 90249000
Country of origin: Germany

P122T9075 Sensors for R58/U58, d=50 mm
Weight (net): 0,22 kg
CTN: 90249000
Country of origin: Germany

P122T9076 Sensors for R58/U58, d=55 mm
Weight (net): 0,20 kg
CTN: 90249000
Country of origin: Germany

	P122T9077	Sensors for R58/U58, d=60 mm Weight (net): 0,20 kg CTN: 90249000 Country of origin: Germany
	P122T9078	Sensors for R58/U58, d=65 mm Weight (net): 0,20 kg CTN: 90249000 Country of origin: Germany
	P124T9071	Sensors for R83/U83, d=55 mm Weight (net): 0,40 kg CTN: 90249000 Country of origin: Germany
	P124T9072	Sensors for R83/U83, d=60 mm Weight (net): 0,38 kg CTN: 90249000 Country of origin: Germany
	P124T9073	Sensors for R83/U83, d=65 mm Weight (net): 0,36 kg CTN: 90249000 Country of origin: Germany
	P124T9074	Sensors for R83/U83, d=70 mm Weight (net): 0,36 kg CTN: 90249000 Country of origin: Germany
	P124T9075	Sensors for R83/U83, d=75 mm Weight (net): 0,34 kg CTN: 90249000 Country of origin: Germany
	P124T9076	Sensors for R83/U83, d=80 mm Weight (net): 0,32 kg CTN: 90249000 Country of origin: Germany
	P124T9077	Sensors for R83/U83, d=85 mm Weight (net): 0,30 kg CTN: 90249000 Country of origin: Germany
	P124T9078	Sensors for R83/U83, d=90 mm Weight (net): 0,26 kg CTN: 90249000 Country of origin: Germany
	P105T9080	Sensors for R140, d=90 mm Weight (net): kg CTN: 90249000 Country of origin: Germany
	P105T9081	Sensors for R140, d=100 mm Weight (net): kg CTN: 90249000 Country of origin: Germany
	P105T9082	Sensors for R140, d=110 mm Weight (net): kg CTN: 90249000 Country of origin: Germany

	P105T9083	Sensors for R140, d=120 mm Weight (net): kg CTN: 90249000 Country of origin: Germany
	P105T9084	Sensors for R140, d=130 mm Weight (net): kg CTN: 90249000 Country of origin: Germany
	P105T9085	Sensors for R140, d=140 mm Weight (net): kg CTN: 90249000 Country of origin: Germany
	P105T9085	Sensors for R140, d=150 mm Weight (net): kg CTN: 90249000 Country of origin: Germany
	P105T9200	Electronicbox R140 Weight (net): kg CTN: 90249000 Country of origin: Germany
	P199T2013	Connection cable R140 Weight (net): kg CTN: 90249000 Country of origin: Germany
	P120T9061	Guiding blocks for R28/U28, d=7 mm Weight (net): 0,1 kg CTN: 90249000 Country of origin: Germany
	P120T9062	Guiding blocks for R28/U28, d=10 mm Weight (net): 0,1 kg CTN: 90249000 Country of origin: Germany
	P120T9063	Guiding blocks for R28/U28, d=13 mm Weight (net): 0,1 kg CTN: 90249000 Country of origin: Germany
	P120T9064	Guiding blocks for R28/U28, d=16 mm Weight (net): 0,1 kg CTN: 90249000 Country of origin: Germany
	P120T9065	Guiding blocks for R28/U28, d=19 mm Weight (net): 0,1 kg CTN: 90249000 Country of origin: Germany
	P120T9066	Guiding blocks for R28/U28, d=22 mm Weight (net): 0,1 kg CTN: 90249000 Country of origin: Germany
	P120T9067	Guiding blocks for R28/U28, d=25 mm Weight (net): 0,1 kg CTN: 90249000 Country of origin: Germany

	P120T9068	Guiding blocks for R28/U28, d=28 mm Weight (net): 0,1 kg CTN: 90249000 Country of origin: Germany
	P120T9069	Guiding blocks for R28/U28, d=29 mm Weight (net): 0,1 kg CTN: 90249000 Country of origin: Germany
	P122T9051	Guiding blocks for R58/U58, d=23 mm Weight (net): 0,39 kg CTN: 90249000 Country of origin: Germany
	P122T9052	Guiding blocks for R58/U58, d=28 mm Weight (net): 0,36 kg CTN: 90249000 Country of origin: Germany
	P122T9053	Guiding blocks for R58/U58, d=33 mm Weight (net): 0,32 kg CTN: 90249000 Country of origin: Germany
	P122T9054	Guiding blocks for R58/U58, d=38 mm Weight (net): 0,29 kg CTN: 90249000 Country of origin: Germany
	P122T9055	Guiding blocks for R58/U58, d=43 mm Weight (net): 0,25 kg CTN: 90249000 Country of origin: Germany
	P122T9056	Guiding blocks for R58/U58, d=48 mm Weight (net): 0,22 kg CTN: 90249000 Country of origin: Germany
	P122T9057	Guiding blocks for R58/U58, d=53 mm Weight (net): 0,18 kg CTN: 90249000 Country of origin: Germany
	P122T9058	Guiding blocks for R58/U58, d=58 mm Weight (net): 0,15 kg CTN: 90249000 Country of origin: Germany
	P122T9059	Guiding blocks for R58/U58, d=59 mm Weight (net): 0,15 kg CTN: 90249000 Country of origin: Germany
	P124T9051	Guiding blocks for R83/U83, d=48 mm Weight (net): 0,70 kg CTN: 90249000 Country of origin: Germany
	P124T9052	Guiding blocks for R83/U83, d=53 mm Weight (net): 0,65 kg CTN: 90249000 Country of origin: Germany

	P124T9053 Guiding blocks for R83/U83, d=58 mm Weight (net): 0,59 kg CTN: 90249000 Country of origin: Germany
	P124T9054 Guiding blocks for R83/U83, d=63 mm Weight (net): 0,52 kg CTN: 90249000 Country of origin: Germany
	P124T9055 Guiding blocks for R83/U83, d=68 mm Weight (net): 0,45 kg CTN: 90249000 Country of origin: Germany
	P124T9056 Guiding blocks for R83/U83, d=73 mm Weight (net): 0,39 kg CTN: 90249000 Country of origin: Germany
	P124T9057 Guiding blocks for R83/U83, d=78 mm Weight (net): 0,34 kg CTN: 90249000 Country of origin: Germany
	P124T9058 Guiding blocks for R83/U83, d=83 mm Weight (net): 0,30 kg CTN: 90249000 Country of origin: Germany
	P115T7200 screw for guiding blocks R/U28 Weight (net): 0,01 kg CTN: 90249000 Country of origin: Germany
	P115T7201 screw for guiding blocks R/U58 and R/U83 Weight (net): 0,01 kg CTN: 90249000 Country of origin: Germany
	P199T2016 Connection cable U58 Connection cable U83
	P105T9300 encoder wheel with bolt plug circumference 500mm (diameter 159mm) for R140 device Weight (net): 0,9 kg CTN: 90249000 Country of origin: Germany

	P110T9011	Measuring wheel standard circumference 500mm (diameter 159mm) Weight (net): 0,9 kg CTN: 90249000 Country of origin: Germany
	P110T9012	Measuring wheel long cables circumference 500mm (diameter 159mm) To use in combination with pneumatic lift off device Weight (net): 0,9 kg CTN: 90249000 Country of origin: Germany
	P110T4000	Flange for measuring wheel For small rope diameters CTN: 90249000 Country of origin: Germany
	P119T9002	Measuring wheel with integrated pressure spring with rotary encoder, spring-loaded bracket arm, wheel circumference 120mm (diameter 38.2mm) and permanently connected connection cable, L=550mm, can be mounted with a screw. The corresponding mounting plate is additionally required for mounting on a rope inspection device
	P119T3002	Measuring wheel Integral R28 screw-on plate For mounting the "integral" measuring wheel (P119T9002) on the R28 rope testing device
	P119T3038	Measuring wheel Integral R58 screw-on plate For mounting the "integral" measuring wheel (P119T9002) on the R58 rope testing device
	P119T3039	Measuring wheel Integral R83 screw-on plate For mounting the "integral" measuring wheel (P119T9002) on the R28 rope testing device



P110T9013

Measuring wheel small diameter
circumference 200mm (diameter 64mm)
For small rope diameters
Weight (net): 0,36 kg
CTN: 90249000
Country of origin: Germany



P199T7005

Rope caliper with wide jaws
70x50 mm
for the correct measurement of the rope diameter



P199T7006

Case for digital rope caliper
For the protection of the rope caliper
CTN: 90249000
Country of origin: Germany



P119T9010

Spring pusher
For measuring wheel
For overhead or vertical measurements
CTN: 90249000
Country of origin: Germany



P111T9011

Torque arm
Weight (net): kg
CTN: 90249000
Country of origin: Germany



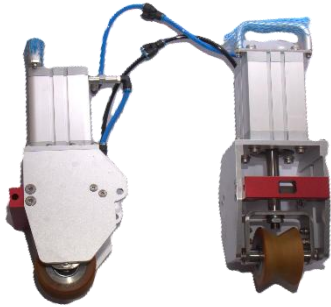
P115T7214

Tensioning strap with aluminum carabiner
for fixing the rope inspection device
CTN: 90249000
Country of origin: Germany



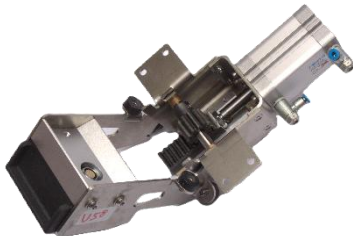
P115T7213

Fiber rope
for fixing the rope inspection device
CTN: 90249000
Country of origin: Germany



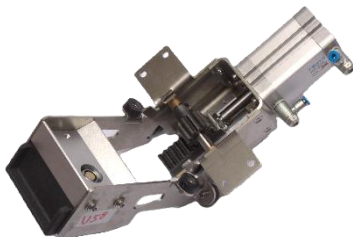
P171T9020

Pneumatic lift-off device
Suitable for all devices in the U series
enables the device to be lifted to pass over obstacles
CTN: 90249000
Country of origin: Germany



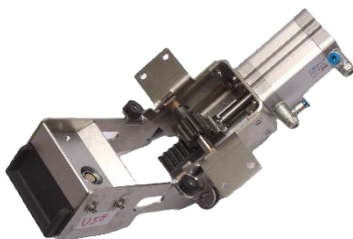
P171T9021

Pneumatic sensor opener
Suitable for U28
enables the lower sensor to be opened to pass over obstacles
CTN: 90249000
Country of origin: Germany



P171T9022

Pneumatic sensor opener
Suitable for U58
enables the lower sensor to be opened to pass over obstacles
CTN: 90249000
Country of origin: Germany



P171T9023

Pneumatic sensor opener
Suitable for U83
enables the lower sensor to be opened to pass over obstacles
CTN: 90249000
Country of origin: Germany



P171T9024

Pneumatic control unit
For controlling pneumatic lift-off device and sensor opener
CTN: 90249000
Country of origin: Germany



P171T7110

Bottle for compressed air
200 bar, 5 liter
Unfilled when to be shipped



P171T7120

Cylinder pressure reducer with protective cage



P014T0022

Additional battery
For all devices
Type: RRC 2054
4S1P / <15.00V / <3.45Ah / <49.68Wh / <240g
Fully certified, also for air transport
Safety data sheet download:
<https://www.ropesys.com/en/download/customer-area-download/>



P199T7009

External battery charging cradle



P115T7217

Charger MRT device
For all devices
100-240V input
CTN: 90249000
Country of origin: Germany



P129T9010

Roller guide
2 x 3 pulleys
Infinitely adjustable to rope diameter
Fits all devices
CTN: 90249000
Country of origin: Germany



P117T9010

Modular drawbar trailer, insulated
CTN: 90249000
Country of origin: Germany



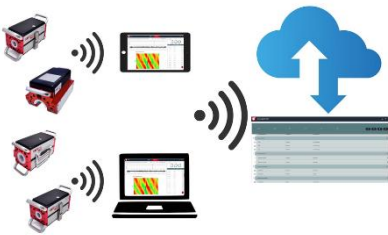
P117T3060

Drawbar for coupling with Immoos rope access equipment
CTN: 90249000
Country of origin: Germany



P117T7020

Pin for drawbar bar
CTN: 90249000
Country of origin: Germany

	P011T1004	Training Handling of the devices, measurement recording, analysis of the measurement data. plus travel costs, travel time and expenses
ISO 9712 EN 12927	P011T1007	Level 1 Certification NDT MRT plus travel costs, travel time and expenses
	P011T1001	Maintenance contract single user 36 months term, telephone / email support, updates included, calibration included, 38 € / month, billed quarterly
	P011T1002	Maintenance contract Multi User 36 months term, telephone / email support, updates included, calibration included, 50 € / month, billing quarterly
	P011T1003	Cloud service Central, secure data storage, synchronization of all data, automatic data backup, all data is always available from anywhere, password-protected, personalized access Monthly basic fee: 199 € / month Monthly usage fee: 0.39 € / GB / month

Sensors and Guidings

R28



U28



<i>rope diameter REAL</i>	<i>guiding blocks</i>		<i>sensor</i>	
Ø [mm]	Ø [mm]	P/N	Ø [mm]	P/N
4 – 6	7	P120T9060	14	P120T9070
7 – 9	10	P120T9061	17	P120T9071
10 – 12	13	P120T9062	20	P120T9072
13 – 15	16	P120T9063	23	P120T9073
16 – 18	19	P120T9064	26	P120T9074
19 – 21	22	P120T9065	29	P120T9075
22 – 24	25	P120T9066	32	P120T9076
25 – 28	28	P120T9067	35	P120T9077
28 – 29	29	P120T9068	35	P120T9077

R58**U58**

<i>rope diameter</i> REAL	<i>guiding blocks</i>		<i>sensor</i>	
Ø [mm]	Ø [mm]	P/N	Ø [mm]	P/N
18 – 22	23	P122T9050	30	P122T9070
23 – 27	28	P122T9051	35	P122T9071
28 – 32	33	P122T9052	40	P122T9072
33 – 37	38	P122T9053	45	P122T9073
38 – 42	43	P122T9054	50	P122T9074
43 – 47	48	P122T9055	55	P122T9075
48 – 52	53	P122T9056	60	P122T9076
53 – 58	58	P122T9057	65	P122T9077
58 – 59	59	P122T9058	65	P122T9077

R83**U83**

<i>rope diameter REAL</i>	<i>guiding blocks</i>		<i>sensor</i>	
Ø [mm]	Ø [mm]	P/N	Ø [mm]	P/N
43 – 47	48	P124T9050	55	P124T9070
48 – 52	53	P124T9051	60	P124T9071
53 – 57	58	P124T9052	65	P124T9072
58 – 62	63	P124T9053	70	P124T9073
63 – 67	68	P124T9054	75	P124T9074
68 – 72	73	P124T9055	80	P124T9075
73 – 77	78	P124T9056	85	P124T9076
78 – 83	83	P124T9057	90	P124T9077

For spliced ropes, the next larger combination of Guiding jaw / sensor may have to be selected.





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