

# Wireline Core Barrels Spearhead-Type



**MICON**  **DRILLING**  
Drilling Equipment Made in Germany

MICON-Drilling GmbH  
Im Nordfeld 14, 29336 Nienhagen, Germany  
www.micon-drilling.de

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## Company Profile

The MICON-Drilling GmbH is a worldwide operating service company, specialized in sales and rental of drilling equipment. Decades of experience, high quality standards and focused customer orientation are our unique selling points.

We are a member of the MICON Group, established in Nienhagen/Germany, in 1994. The privately owned company specializes in design, production, inspection and repair of drill string components, drill bits, sophisticated directional drilling systems and additional equipment. Our main focus lies on the technical service for drilling applications in the mining, oil & gas, tunneling and geothermal industries.

An innovative engineering department ensures continuous optimization of all MICON products. Additionally, we are in close contact with a network of several German universities to foster research and development activities.

The MICON Group manufactures drilling equipment in two independent facilities on state-of-the-art CNC milling, turning and welding machines. Latest technology and implementation of German engineering guarantee the highest degree of efficiency and quality.



**MICON-Drilling GmbH**

Im Nordfeld 14 · 29336 Nienhagen · Germany  
Tel. +49.5144.4936 0 · Fax +49.5144.4936 20  
sales@micon-drilling.de



**MICON Mining and Construction Products GmbH & Co. KG**

Im Nordfeld 14 · 29336 Nienhagen · Germany  
Tel. +49.5144.4936 0 · Fax +49.5144.4936 20  
manufacturing@micon-drilling.de



**MICON Downhole-Tools GmbH**

Breite Horst 19 · 29336 Nienhagen · Germany  
Tel. +49.5144.4936 71 · Fax +49.5144.4936 77  
service@micon-drilling.de



**Eastman Whipstock GmbH**

Im Nordfeld 14 · 29336 Nienhagen · Germany  
Tel. +49.5144.4936 0 · Fax +49.5144.4936 20  
sales@whipstock-instruments.de

Visit our homepage [www.micon-drilling.de](http://www.micon-drilling.de) for additional information and recent updates.



MICON Buildings "Im Nordfeld", Nienhagen/Germany



MICON Buildings "Breite Horst", Nienhagen/Germany

## Quality Policy

MICON stands for high quality products Made in Germany. This high quality standard builds the basis for our success and is an integral part of the company policy. This is reflected by long-term and trustful cooperation with our customers.

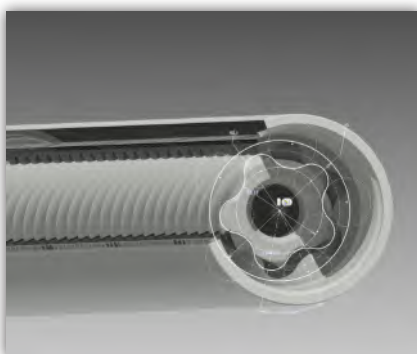
In order to achieve our high quality objectives the MICON Group manufacturing companies have implemented quality management systems certified according to international standards. The actual certification status of the Group companies is as follows:

MICON Downhole-Tools GmbH:  
- ISO 9001:2015 - 0019058

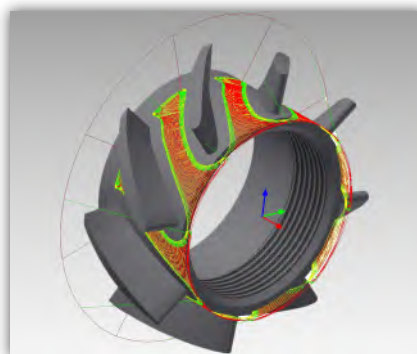
MICON GmbH & Co.KG:  
- ISO 9001:2015 - 00007159  
- ISO3834-2:2006 (D-ZE-16083-01-00-ISO3834-2019.0013.002)



Our global quality objectives lead to specific targets, which are defined by the top management in cooperation with the quality manager. The fulfilment of these specific quality targets is evaluated at least every 12 months in the management review. Our ambition is product reliability and quality that meets the customer requirements as well as your high quality standards. The MICON product cycle includes different process steps. Rigorous acceptance criteria at every process step ensure a consistent high quality level of each product.



CAD based product development



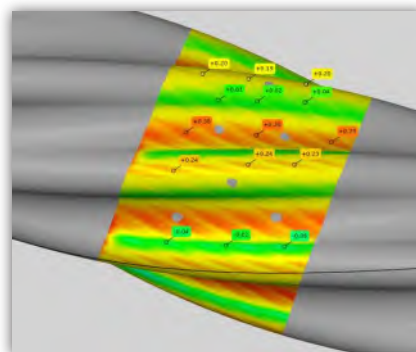
CAD – CAM manufacturing



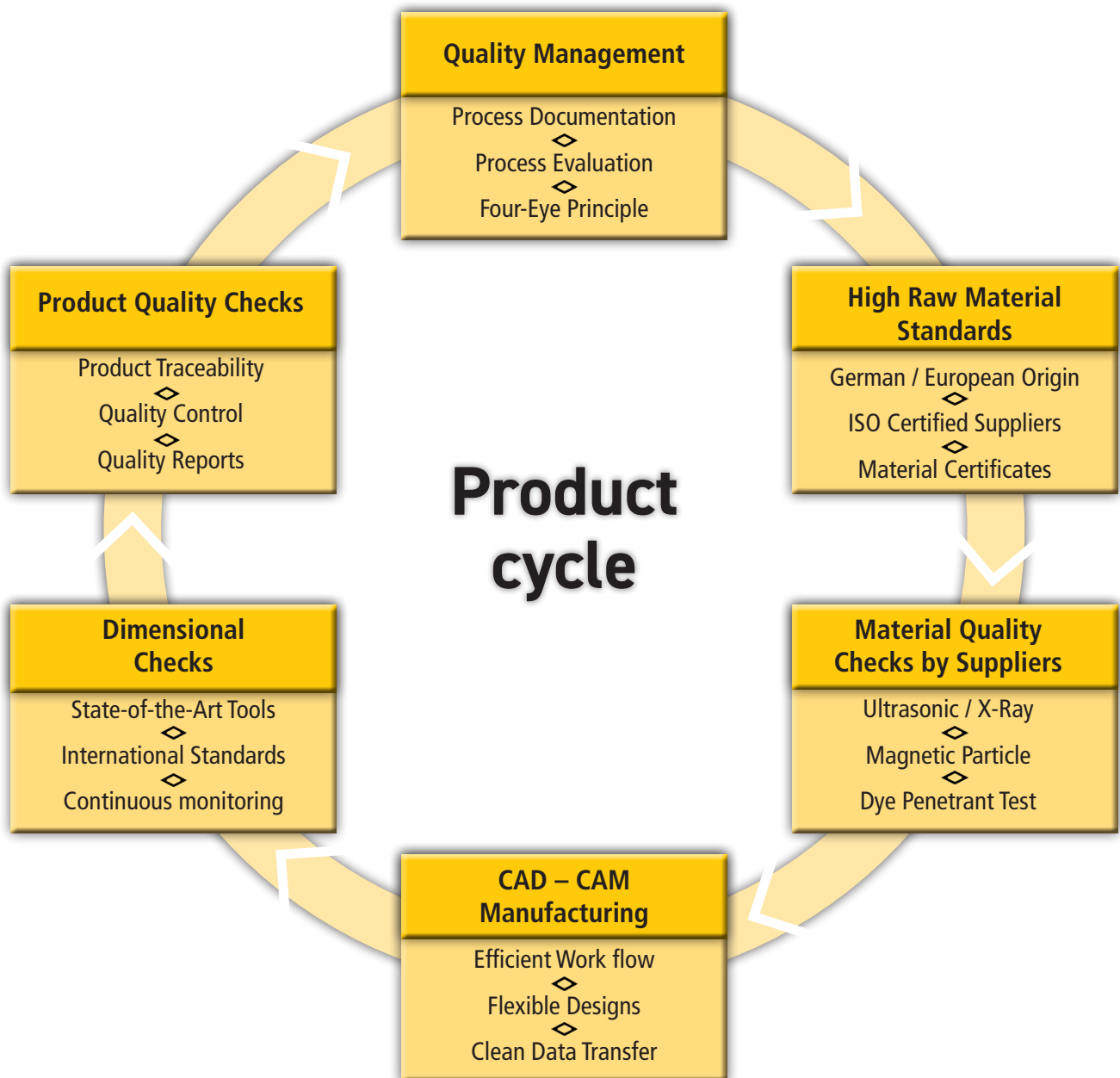
Permanent quality checks



High resolution 3-D scanning



3-D scan evaluation



## Wireline Core Barrels - Spearhead Type

Beside the Christensen premium core barrels with quad- and quint-latch head assemblies, MICON supplies high quality core barrels with spearhead latching system. These core barrels are designed for safe and productive operation, and are in accordance to DCDMA standards. A great variety of optional parts allows to optimize the equipment for any condition.



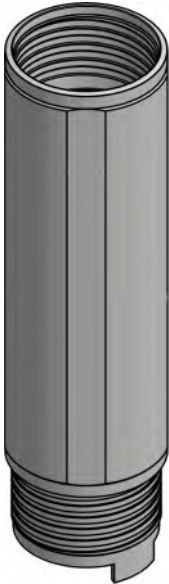
Standard Wireline Core Barrels - Spearhead Type		
Wireline System	Standard Borehole Diameter	Standard Core Diameter
BQ Wireline System, Double Tube	59.6 mm	36.4 mm
BQ3 Wireline System, Triple Tube	59.6 mm	33.5 mm
NQ Wireline System, Double Tube	75.3 mm	47.6 mm
NQ2 Wireline System, Double Tube Thin Wall	75.3 mm	50.7 mm
NQ3 Wireline System, Triple Tube	75.3 mm	45.1 mm
HQ Wireline System, Double Tube	95.6 mm	63.5 mm
HQ3 Wireline System, Triple Tube	95.6 mm	61.1 mm
PQ Wireline System, Double Tube	122.1 mm	85.0 mm
PQ3 Wireline System, Triple Tube	122.1 mm	83.1 mm



### Locking Coupling Options



Standard



Full Hole



Plain



Surface Set  
Diamonds



Carbide

### Adapter Coupling Options



Standard



Full Hole

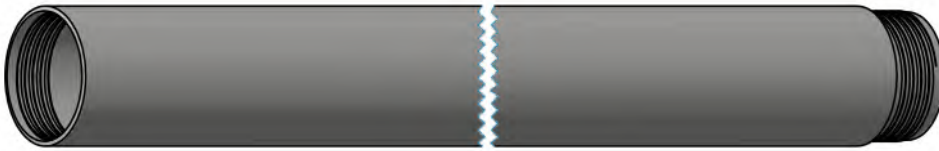


Surface Set  
Diamonds

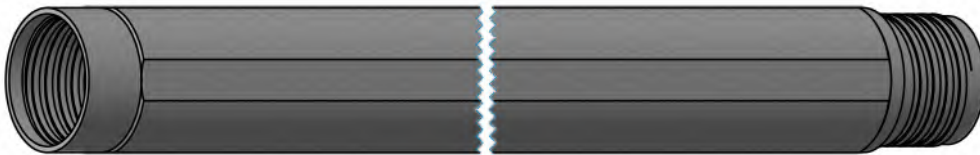


Carbide

## Outer Tube Options



Outer Tube Standard



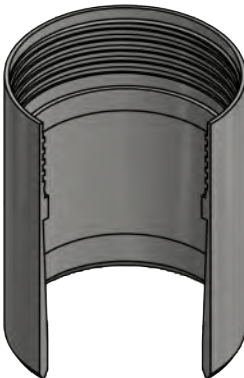
Outer Tube Full Hole

## Inner Tube Options

# Core Lifter Case Options



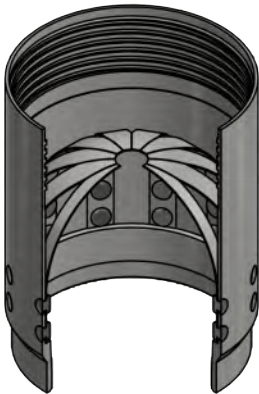
Core Lifter Case Standard



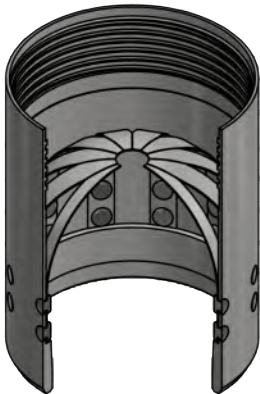
Core Lifter Case W/ Stop Ring



Core Lifter Case Frontal Discharge



Core Lifter Case Frontal Discharge Basket Type

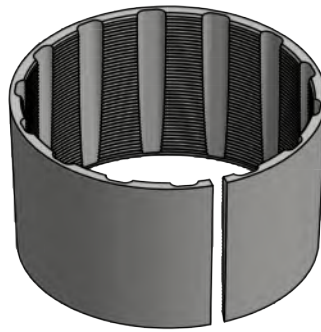


Core Lifter Case Standard Basket Type

## Core Lifter Options



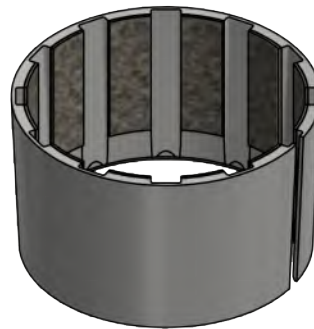
Core Lifter Standard



Core Lifter Broached

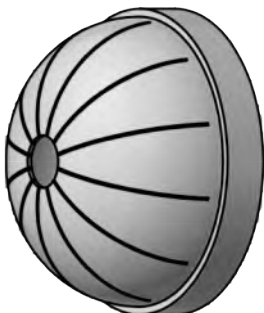


Core Lifter  
Broached Helicoid



Core Lifter TC Grit

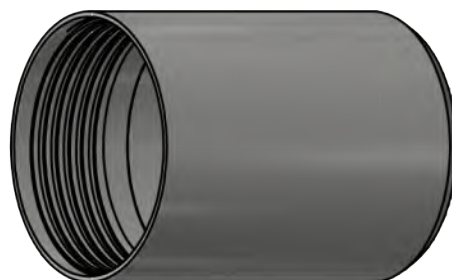
## Full Core System



Core Catcher Basket

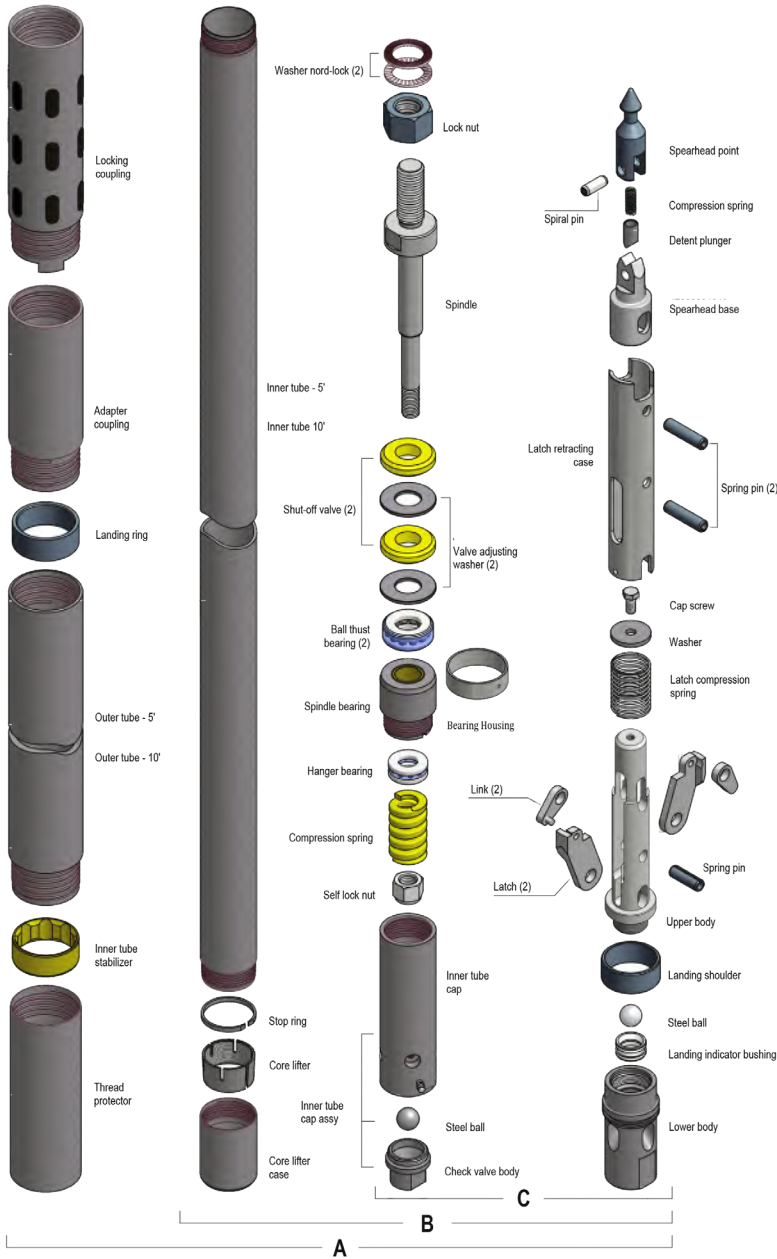


Core Lifter Broached



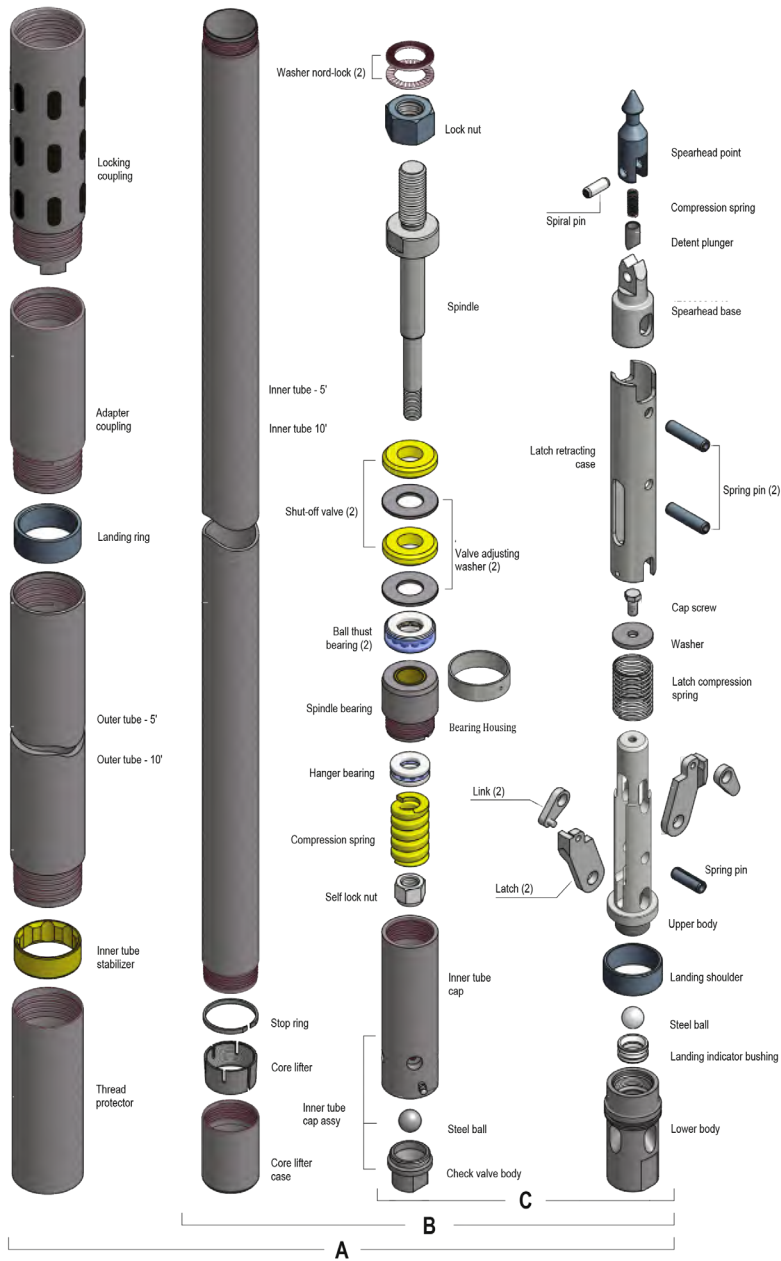
Core Lifter Case

## Wireline Coring System BQ, 59.6 x 36.4 mm



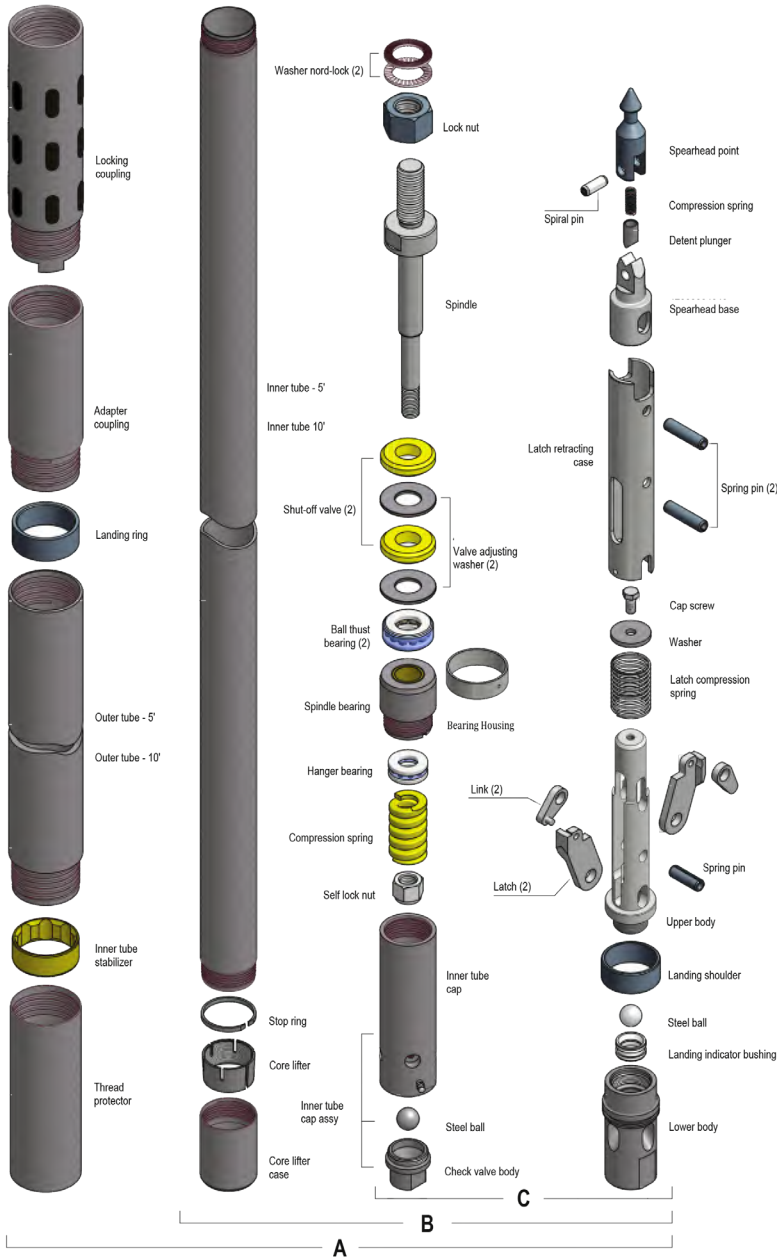
Item	Description	Qty.	Order-No.
A	BQ-Core Barrel compl., 5 ft, w/o reamer and core bit	1	60-00902000
	BQ-Core Barrel compl., 10 ft, w/o reamer and core bit	1	60-00902001
B	BQ-Core Barrel Inner Tube Assembly, 5 ft	1	60-00902003
	BQ-Core Barrel Inner Tube Assembly, 10 ft	1	60-00902004
C	BQ-Core Barrel Head Assembly, NGII	1	60-00902002

## Wireline Coring System NQ, 75.3 x 47.6 mm



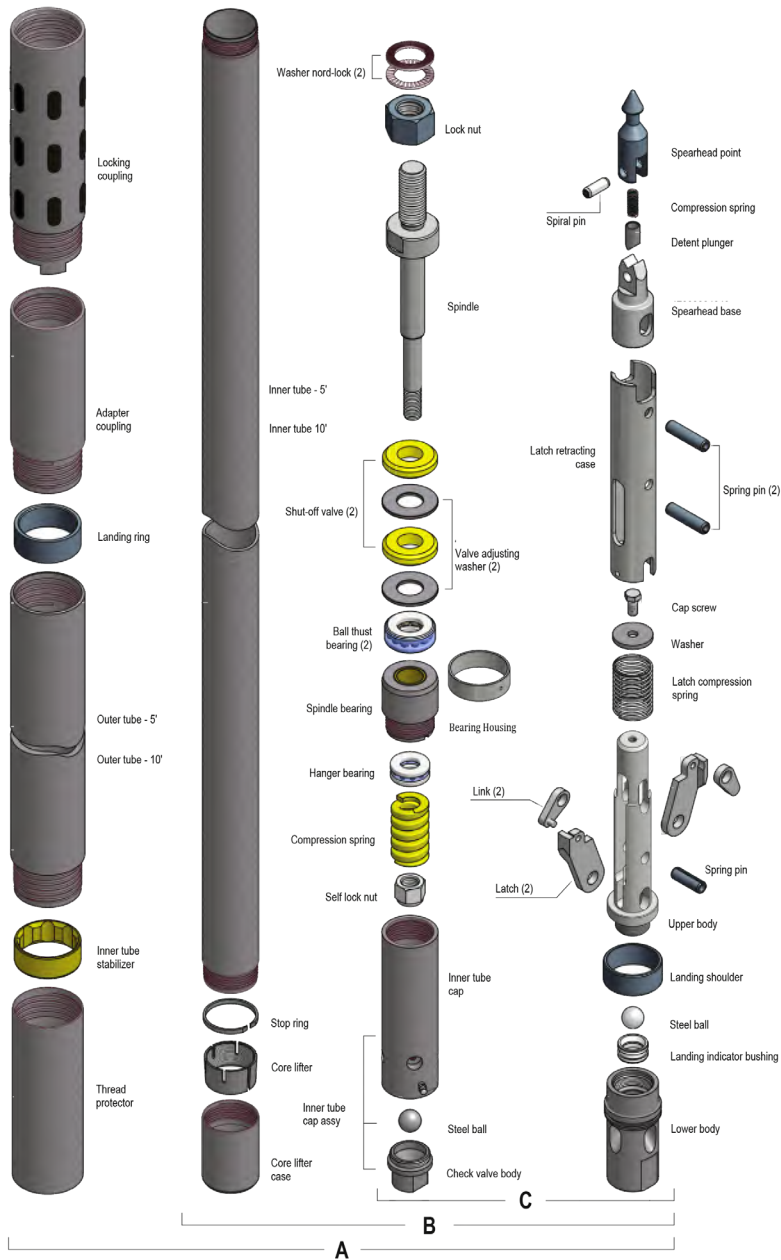
Item	Description	Qty.	Order-No.
A	NQ-Core Barrel compl., 5 ft, w/o reamer and core bit	1	60-00903000
	NQ-Core Barrel compl., 10 ft, w/o reamer and core bit	1	60-00903001
B	NQ-Core Barrel Inner Tube Assembly, 5 ft	1	60-00903003
	NQ-Core Barrel Inner Tube Assembly, 10 ft	1	60-00903004
C	NQ-Core Barrel Head Assembly, NGII	1	60-00903002

## Wireline Coring System HQ, 95.6 x 63.5 mm



Item	Description	Qty.	Order-No.
A	HQ-Core Barrel compl., 5 ft, w/o reamer and core bit	1	60-00904000
	HQ-Core Barrel compl., 10 ft, w/o reamer and core bit	1	60-00904001
B	HQ-Core Barrel Inner Tube Assembly, 5 ft	1	60-00904003
	HQ-Core Barrel Inner Tube Assembly, 10 ft	1	60-00904004
C	HQ-Core Barrel Head Assembly, NGII	1	60-00904002

## Wireline Coring System PQ, 122.1 x 85.0 mm



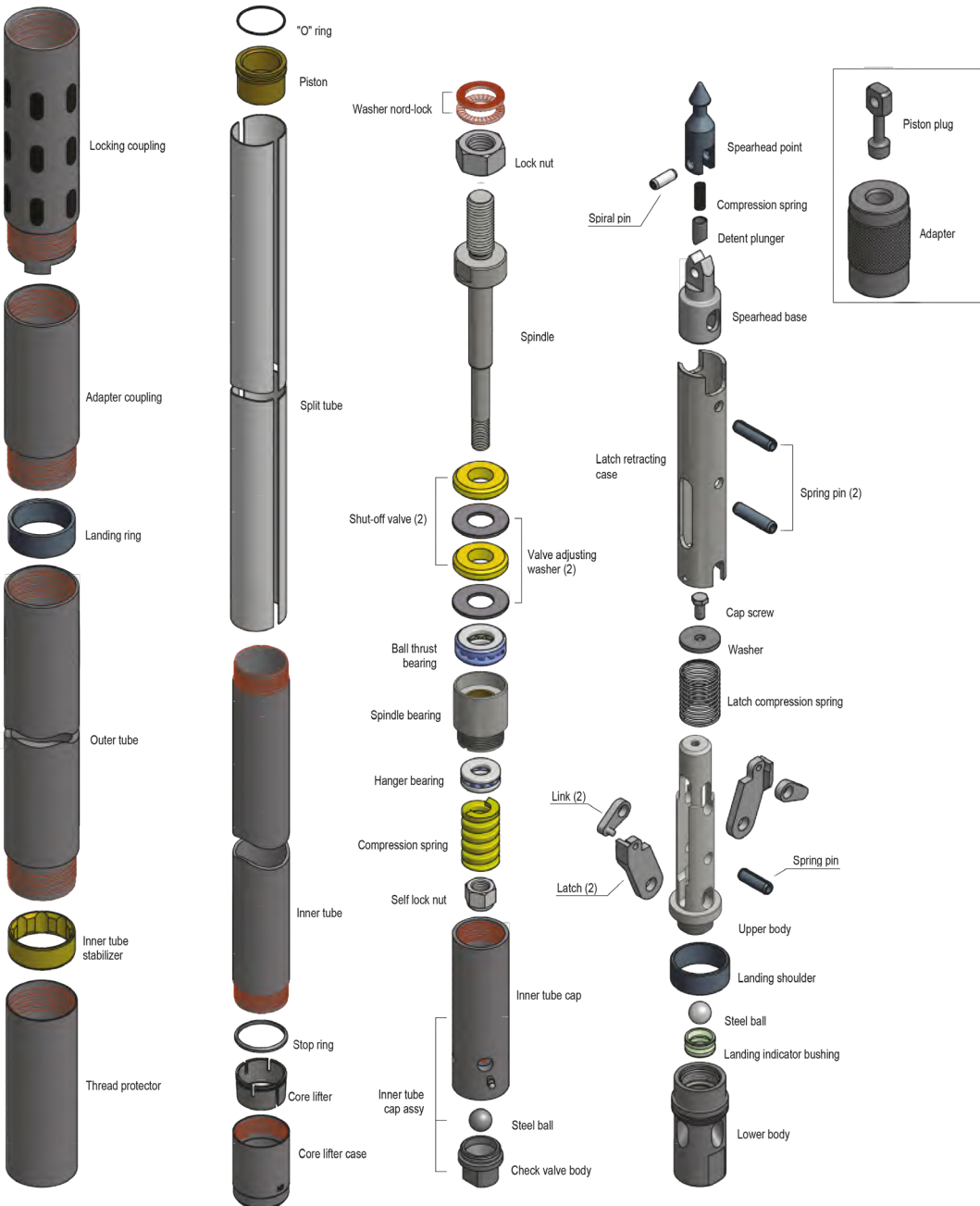
Item	Description	Qty.	Order-No.
A	PQ-Core Barrel compl, 5 ft, w/o reamer and core bit	1	60-00905000
	PQ-Core Barrel compl, 10 ft, w/o reamer and core bit	1	60-00905001
B	PQ-Core Barrel Inner Tube Assembly, 5 ft	1	60-00905003
	PQ-Core Barrel Inner Tube Assembly, 10 ft	1	60-00905004
C	PQ-Core Barrel Head Assembly, NGII	1	60-00905002



## Wireline Core Barrels, Triple Tube

Size	Description	Order-No.
BQ3	BQ3-Core Barrel, compl., 5 ft	60-00902300
	BQ3-Core Barrel, compl., 10 ft	60-00902301
NQ3	NQ3-Core Barrel, compl., 5 ft	60-00903300
	NQ3-Core Barrel, compl., 10 ft	60-00903301

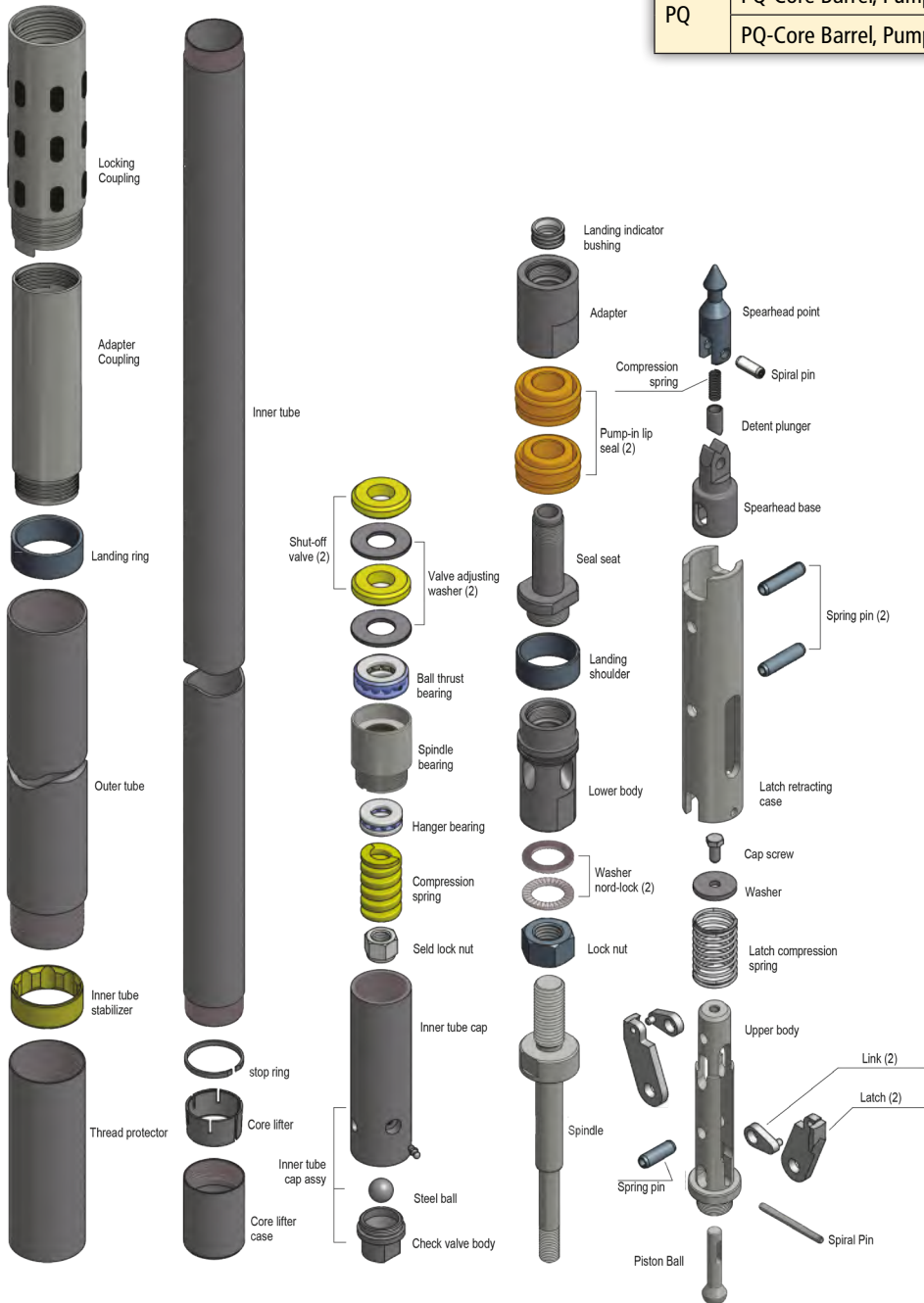
Size	Description	Order-No.
HQ3	HQ3-Core Barrel, compl., 5 ft	60-00904300
	HQ3-Core Barrel, compl., 10 ft	60-00904301
PQ3	PQ3-Core Barrel, compl., 5 ft	60-00905300
	PQ3-Core Barrel, compl., 10 ft	60-00905301



# Wireline Core Barrels, Pump-In

Size	Description	Order-No.
BQ	BQ-Core Barrel, Pump-In, compl., 5 ft	60-00902600
	BQ-Core Barrel, Pump-In, compl., 10 ft	60-00902601
NQ	NQ-Core Barrel, Pump-In, compl., 5 ft	60-00903600
	NQ-Core Barrel, Pump-In, compl., 10 ft	60-00903601

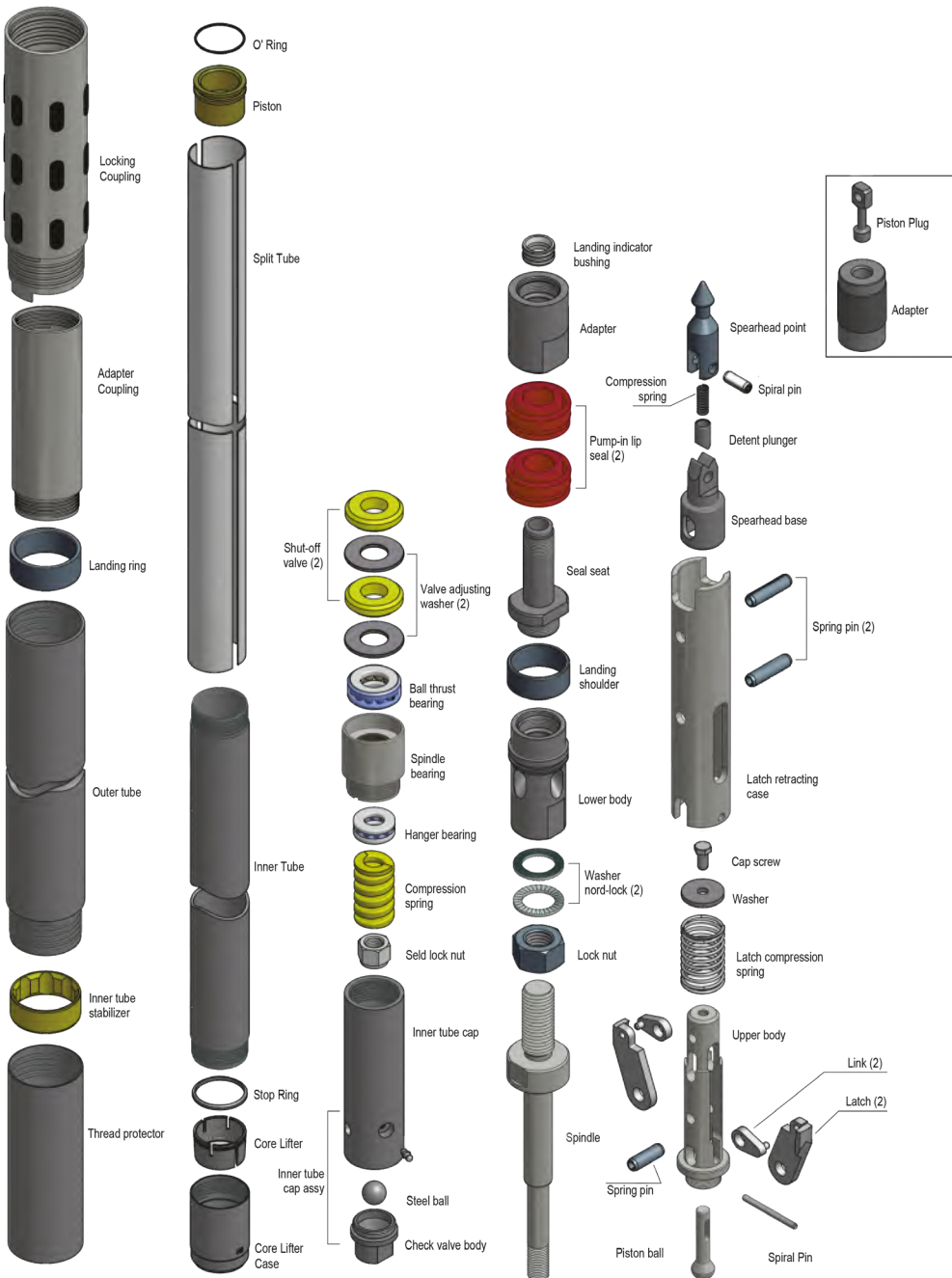
Size	Description	Order-No.
NQ2	NQ2-Core Barrel, Pump-In, compl., 5 ft	60-00903620
	NQ2-Core Barrel, Pump-In, compl., 10 ft	60-00903621
HQ	HQ-Core Barrel, Pump-In, compl., 5 ft	60-00904600
	HQ-Core Barrel, Pump-In, compl., 10 ft	60-00904601
PQ	PQ-Core Barrel, Pump-In, compl., 5 ft	60-00905600
	PQ-Core Barrel, Pump-In, compl., 10 ft	60-00905601



## Wireline Core Barrels, Triple Tube, Pump-In

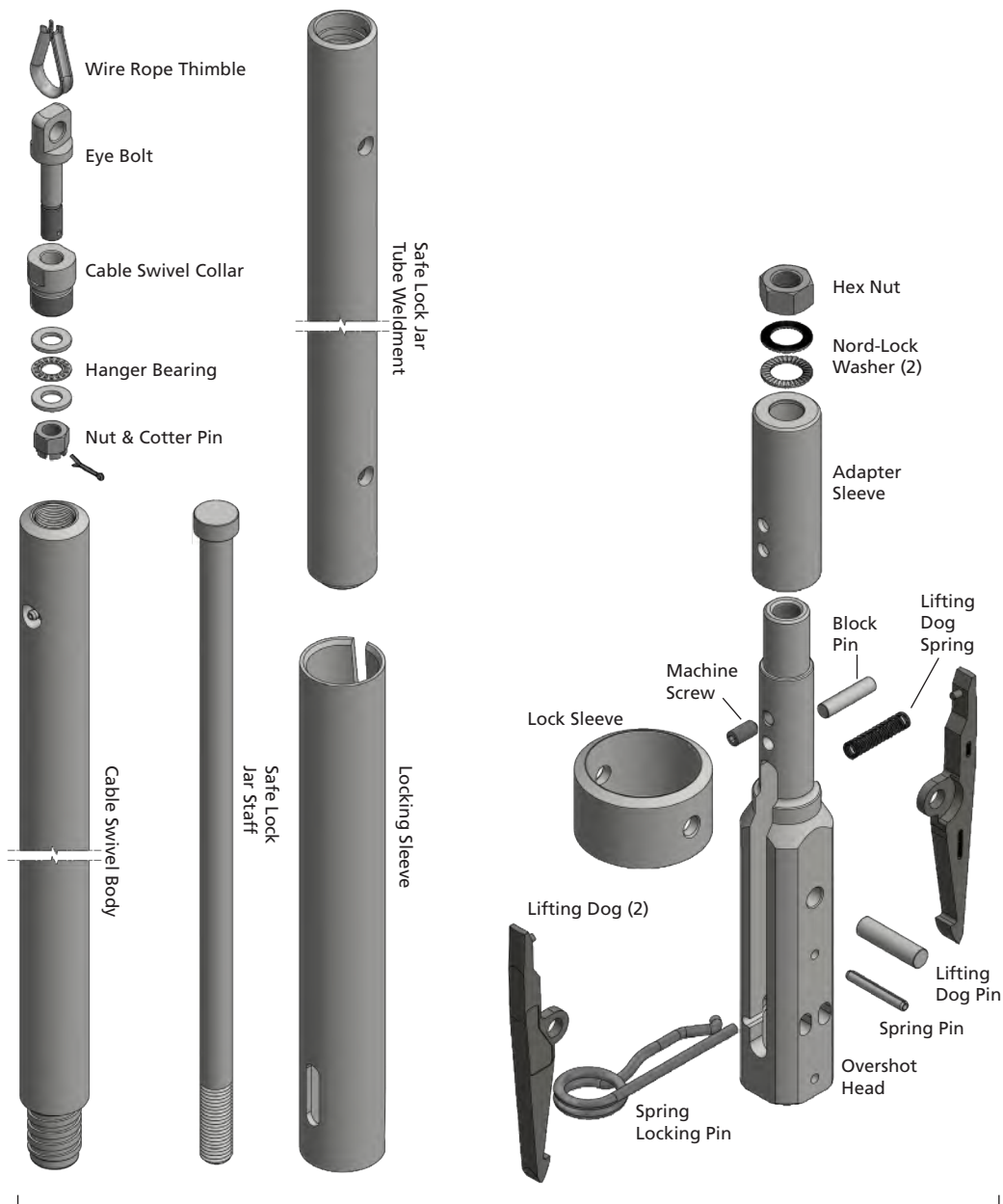
Size	Description	Order-No.
BQ3	BQ3-Core Barrel, Pump-In, compl., 5 ft	60-00902630
	BQ3-Core Barrel, Pump-In, compl., 10 ft	60-00902631
NQ3	NQ3-Core Barrel, Pump-In, compl., 5 ft	60-00903630
	NQ3-Core Barrel, Pump-In, compl., 10 ft	60-00903631

Size	Description	Order-No.
HQ3	HQ3-Core Barrel, Pump-In, compl., 5 ft	60-00904630
	HQ3-Core Barrel, Pump-In, compl., 10 ft	60-00904631
PQ3	PQ3-Core Barrel, Pump-In, compl., 5 ft	60-00905630
	PQ3-Core Barrel, Pump-In, compl., 10 ft	60-00905631



## Overshot, Standard

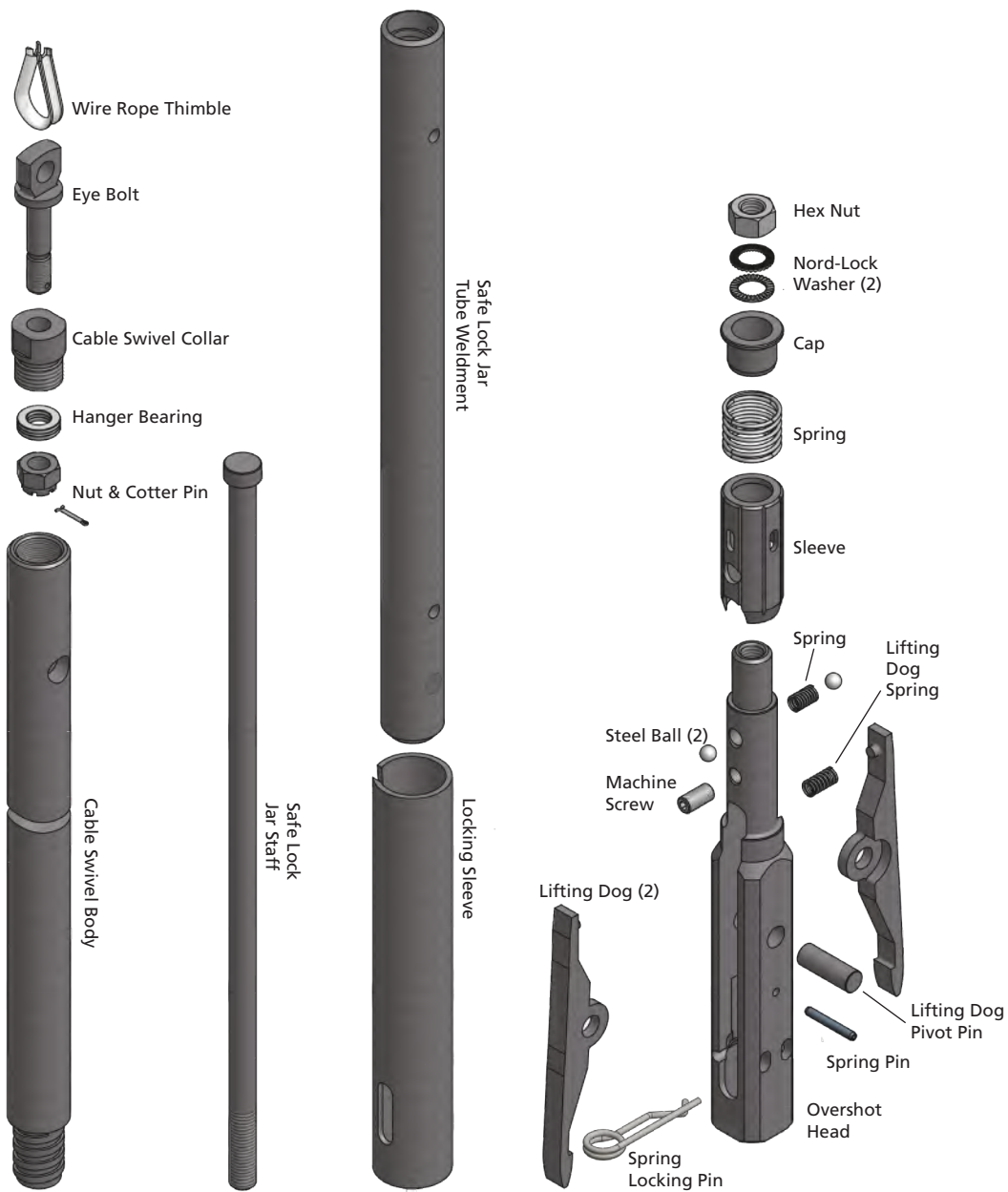
Item	Description	Qty.	Order-No.
A	BQ-Overshot, Standard	1	60-00902005
	NQ-Overshot, Standard	1	60-00903005
	HQ-Overshot, Standard	1	60-00904005
	PQ-Overshot, Standard	1	60-00905005



A

# Overshot, Safe Lock

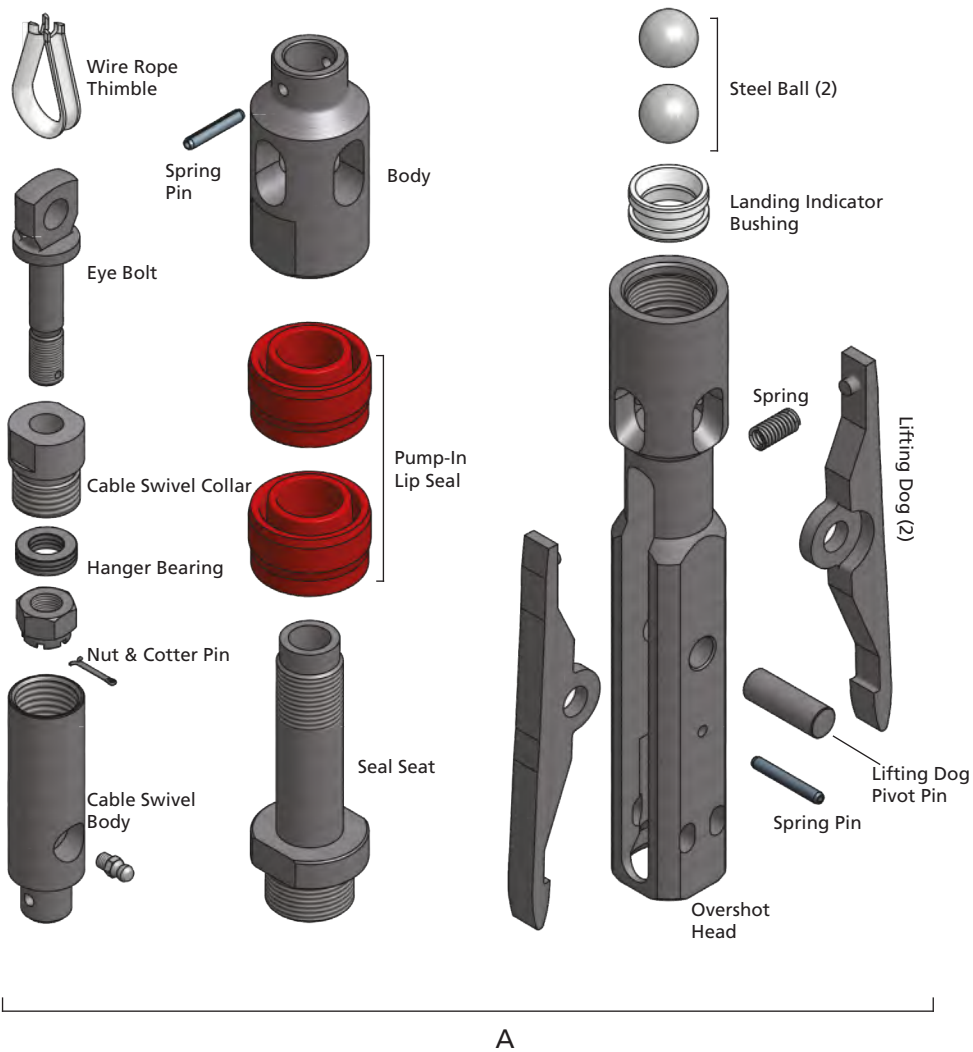
Item	Description	Qty.	Order-No.
A	BQ-Overshot, Safe Lock	1	60-00902006
	NQ-Overshot, Safe Lock	1	60-00903006
	HQ-Overshot, Safe Lock	1	60-00904006
	PQ-Overshot, Safe Lock	1	60-00905006



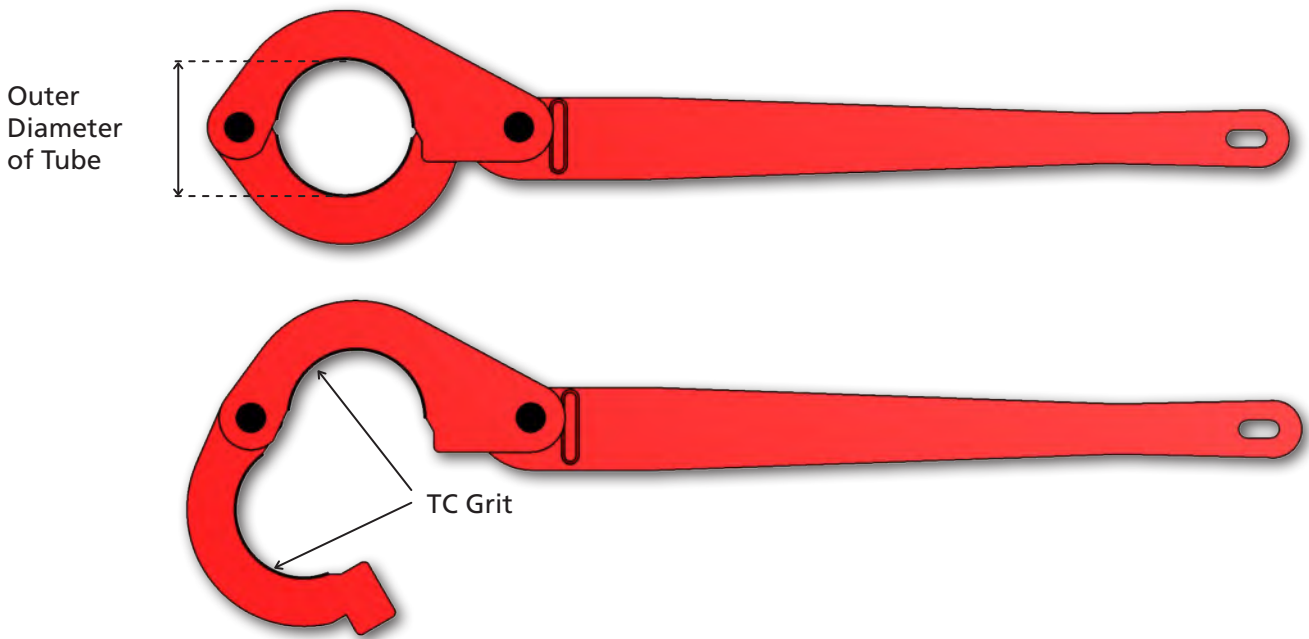
A

# Overshot, Pump-In

Item	Description	Qty.	Order-No.
A	BQ-Overshot, Pump-In	1	60-00902606
	NQ-Overshot, Pump-In	1	60-00903606
	HQ-Overshot, Pump-In	1	60-00904606
	PQ-Overshot, Pump-In	1	60-00905606



## Wrenches



Size	Description	Order-No.
BQ	BQ-Inner Tube Wrench	60-00902700
	BQ-Outer Tube Wrench	60-00902701
NQ	NQ-Inner Tube Wrench	60-00903700
	NQ-Outer Tube Wrench	60-00903701
HQ	HQ-Inner Tube Wrench	60-00904700
	HQ-Outer Tube Wrench	60-00904701
PQ	PQ-Inner Tube Wrench	60-00905700
	PQ-Outer Tube Wrench	60-00905701



## Notes



**Notes**

# **MICON** **DRILLING**

MICON-Drilling GmbH

Im Nordfeld 14 · 29336 Nienhagen · Germany  
Tel. +49 . 5144 . 4936 . 0 · Fax +49 . 5144 . 4936 . 60  
sales@micon-drilling.de · www.micon-drilling.de