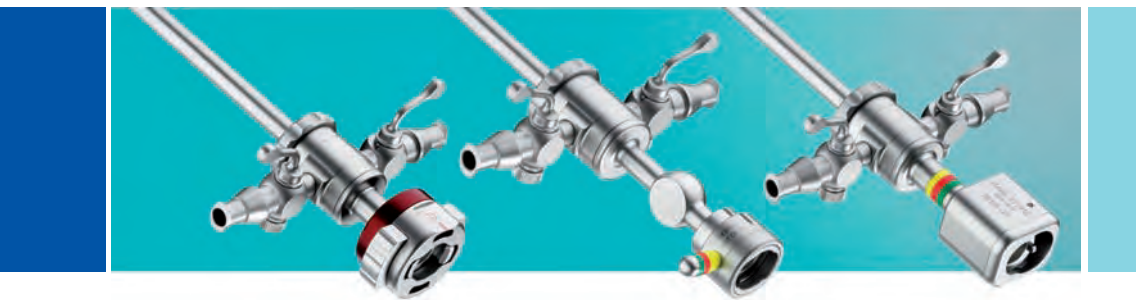


## KARL STORZ Arthroscope Sheaths for a fast and secure telescope-sheath connection



## **KARL STORZ Arthroscope Sheaths for fast and secure telescope-sheath connections**

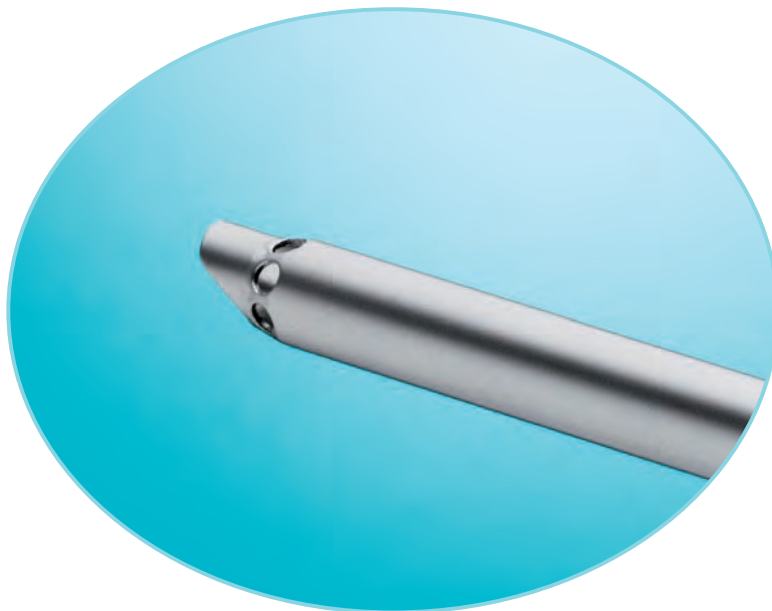
In addition to continuously perfecting the functional and ergonomic features of our arthroscope sheaths, KARL STORZ also takes individual preferences into account. Consequently, we offer three different telescope-sheath locking mechanisms, various sheath tip designs and a choice between rotating and fixed stopcocks. The surgeon may choose from an exceptionally wide portfolio of KARL STORZ arthroscope sheaths that leaves nothing to be desired.



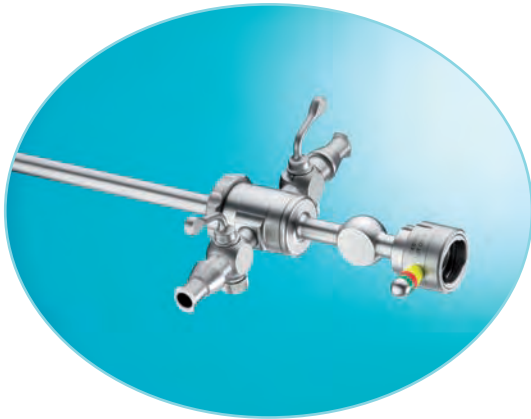


## KARL STORZ arthroscope sheaths are characterized by the following special features:

- Stable and secure telescope-sheath connection
  1. Standard coupling mechanism
  2. Snap-in coupling mechanism
  3. Automatic lock-in coupling mechanism
- High mechanical stability
- Homogenous transition from the obturator to the distal tip ensures atraumatic entry of the arthroscope sheath into the joint
- Sheaths can be fully dismantled for effective cleaning and reprocessing
- A specially designed gasket attachment enables rapid closure of the sheaths and their use as a working channel for introducing instruments. This gasket attachment can be used with all KARL STORZ arthroscope sheaths



- KARL STORZ high-flow system ensures a high flow of irrigation liquid without disruptive turbulence



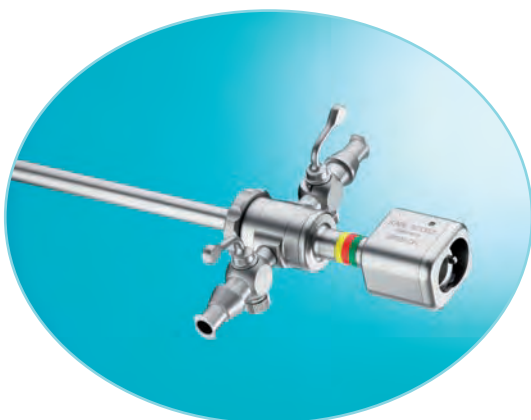
standard coupling mechanism

- A simple rotating movement ensures a secure telescope-sheath connection
- Color code: Defines telescope compatibility



snap-in coupling mechanism

- Fast and simple snap-in type coupling mechanism enables the telescope to be easily pressed into place
- Color code: Defines the arthroscope sheath diameter



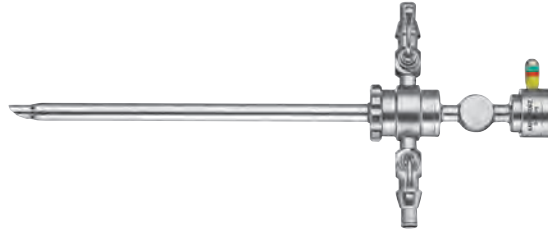
automatic lock-in coupling mechanism

- Adaptation between telescope and sheath replaced by a click mechanism that is very easy to use
- Color code: Defines telescope compatibility

The following sheaths are available:

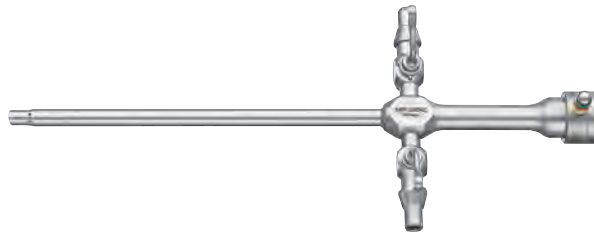
### Standard Coupling Mechanism

Diameter 6.5 mm, working length 12 cm,  
for use with HOPKINS® Telescopes, diameter 4 mm, length 18 cm

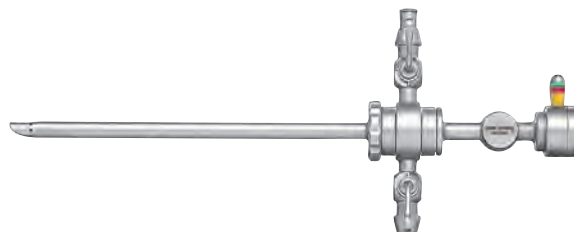


28229 DR **High-Flow Arthroscope Sheath**, with standard coupling mechanism, diameter 6.5 mm, working length 12 cm, two stopcocks, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28126 BC/BT/BS, 28134 O, color code: green-red-yellow

Diameter 5.5 mm, working length 12 cm,  
for use with HOPKINS® Telescopes, diameter 4 mm, length 18 cm



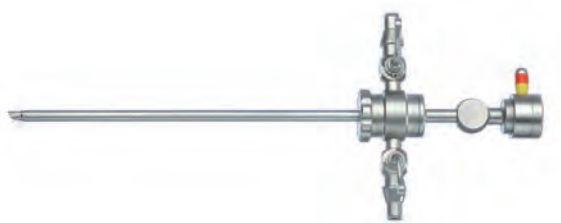
28126 B **Arthroscope Sheath**, with standard coupling mechanism, diameter 5.5 mm, working length 12 cm, two stopcocks, **fixed**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28126 BC/BT/BS, 28134 O, color code: green-red-yellow



28126 CR **Arthroscope Sheath**, with standard coupling mechanism, diameter 5.5 mm, working length 12 cm, two stopcocks, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28126 BC/BT/BS, 28134 O, color code: green-red-yellow

28126 R **Same**, one stopcock

Diameter 4 mm, working length 12.5 cm,  
for use with HOPKINS® Telescopes, diameter 2.7 mm, length 18 cm



28132 CR **Arthroscope Sheath**, with standard coupling mechanism, diameter 4 mm, working length 12.5 cm, two stopcocks, **rotating**, for use with HOPKINS® telescopes 30°, 70° and Obturators 28132 BC/BT, color code: red-yellow

Diameter 2.5 mm, working length 4 cm,  
for use with HOPKINS® Telescopes, diameter 1.9 mm, length 6.5 cm



28306 BN **High-Flow Arthroscope Sheath**, with standard coupling mechanism, diameter 2.5 mm, working length 4 cm, one stopcock, **fixed**, for use with HOPKINS® Telescope 30° 28305 BA and Obturators 28306 BS/BT, color code: red

## Snap-In Coupling Mechanism

Diameter 6.5 mm, working length 13.5 cm,  
for use with HOPKINS® Telescopes, diameter 4 mm, length 18 cm



28229 DS **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 6.5 mm, working length 13.5 cm, two stopcocks, **rotatable**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28229 BC/BT

28229 S **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 6.5 mm, working length 13.5 cm, one stopcock, **rotatable**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28229 BC/BT



**Diameter 6 mm, working length 13.5 cm,  
for use with HOPKINS® Telescopes, diameter 4 mm, length 18 cm**



28136 DS **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 6 mm, working length 13.5 cm, distally tapered, with irrigation holes, two stopcocks, **rotating**, for use with HOPKINS® telescopes 30°, 70° and Obturators 28136 BC/BT, color code: red

28136 S **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 6 mm, working length 13.5 cm, distally tapered, with irrigation holes, one stopcock, **rotating**, for use with HOPKINS® telescopes 30°, 70° and Obturators 28136 BC/BT, color code: red

28136 EC **Arthroscope Sheath ENDOCAMELEON®**, with snap-in coupling mechanism, diameter 6 mm, working length 13.5 cm, distal tapered, with irrigation holes, two stopcocks, rotatable, for use with HOPKINS® Telescope ENDOCAMELEON® 28731 AE and Obturator 28134 O with cannulated handle or Obturators 28126 BT/BC



28130 CR **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 6 mm, working length 13.5 cm, two stopcocks, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28130 BC/BT, 28140 O, color code: red



28130 R **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 6 mm, working length 13.5 cm, one stopcock, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28130 BC/BT, 28140 O, color code: red

Diameter 6 mm, working length 13.5 cm,  
for use with HOPKINS® Telescopes, diameter 4 mm, length 18 cm



28136 CR **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 6 mm, working length 13.5 cm, two stopcocks, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28126 BC/BT/BS, 28134 O, color code: red

Diameter 5.5 mm, working length 13.5 cm,  
for use with HOPKINS® Telescopes, diameter 4 mm, length 18 cm



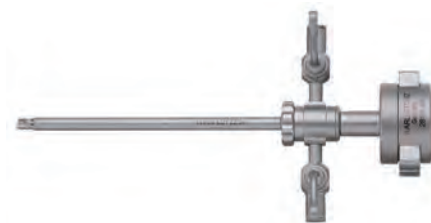
28131 CR **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 5.5 mm, working length 13.5 cm, two stopcocks, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28130 BC/BT, 28140 O, color code: blue

28131 R **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 5.5 mm, working length 13.5 cm, one stopcock, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28130 BC/BT, 28130 O, color code: blue



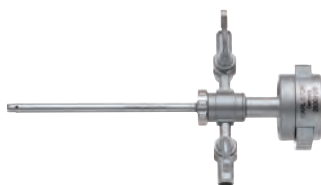
28135 CR **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 5.5 mm, working length 13.5 cm, two stopcocks, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28126 BC/BT/BS, 28134 O color code: blue

Diameter 4 mm, working length 7.5 cm,  
for use with HOPKINS® Telescopes, diameter 2.7 mm, length 11 cm



28133 DS **Arthroscope Sheath**, with snap-in coupling mechanism, diameter 4 mm, working length 7.5 cm, two stopcocks, **rotating**, for use with HOPKINS® telescopes 30° and Obturator 28133 BC

Diameter 3.5 mm, working length 6.5 cm,  
for use with HOPKINS® Telescopes, diameter 2.4 mm, length 10 cm



28303 DS **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 3.5 mm, working length 6.5 cm, two stopcocks, **rotating**, for use with HOPKINS® Telescope 30° 28300 BA and Obturators 28302 BU/BV

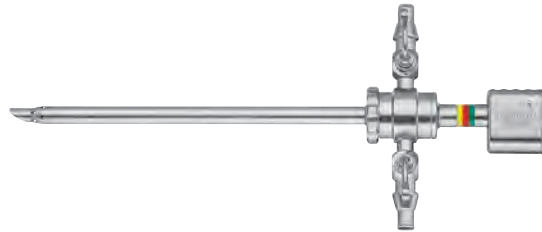
Diameter 3.2 mm, working length 8.5 cm,  
for use with HOPKINS® Telescopes, diameter 2.4 mm, length 10 cm



28303 BS **High-Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 3.2 mm, working length 8.5 cm, one stopcock, **fixed**, for use with HOPKINS® Telescope 30° 28300 BA and Obturators 28302 BU/BV

## Lock-In Coupling Mechanism

Diameter 6 mm, working length 12 cm,  
for use with HOPKINS® Telescopes, diameter 4 mm, length 18 cm



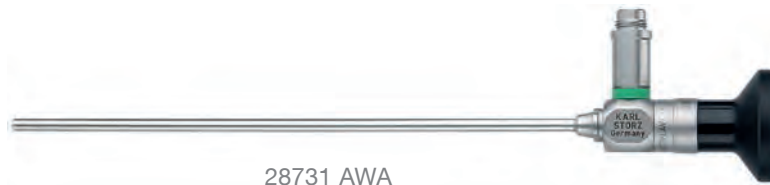
28129 CR STROBEL **Arthroscope Sheath**, with automatic lock-in coupling mechanism, diameter 6 mm, working length 12 cm, two stop-cocks, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28126 BC/BT/BS, 28134 O, color code: green-red-yellow

## HOPKINS® Telescopes

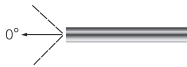
Diameter 4 mm, length 18 cm, autoclavable



28731 AE **ENDOCAMELEON® ARTHRO HOPKINS® Telescope**, diameter 4 mm, length 18 cm, **autoclavable**, variable direction of view from 15° – 90°, adjustment knob for selecting the desired direction of view, fiber optic light transmission incorporated, color code: gold



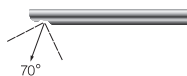
28731 AWA



28731 AWA **HOPKINS® Wide Angle Straight Forward Telescope 0°**, enlarged view, diameter 4 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



28731 BWA **HOPKINS® Wide Angle Forward-Oblique Telescope 30°**, enlarged view, diameter 4 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



28731 CWA **HOPKINS® Wide Angle Lateral Telescope 70°**, enlarged view, diameter 4 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: yellow

## HOPKINS® Telescopes

Diameter 2.7 mm, length 18 cm, autoclavable



28719 BA

**HOPKINS® Forward-Oblique Telescope 30°**, diameter 2.7 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

Diameter 2.7 mm, length 11 cm, autoclavable

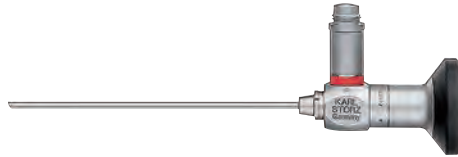


28208 BA

**HOPKINS® Forward-Oblique Telescope 30°**, diameter 2.7 mm, length 11 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

## HOPKINS® Telescopes

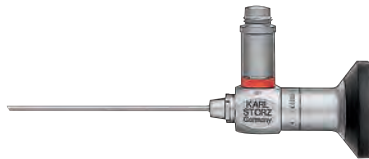
Diameter 2.4 mm, length 10 cm, autoclavable



28300 BA

**HOPKINS® Wide Angle Forward-Oblique Telescope 30°**, diameter 2.4 mm, length 10 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

Diameter 1.9 mm, length 6.5 cm, autoclavable



28305 BA

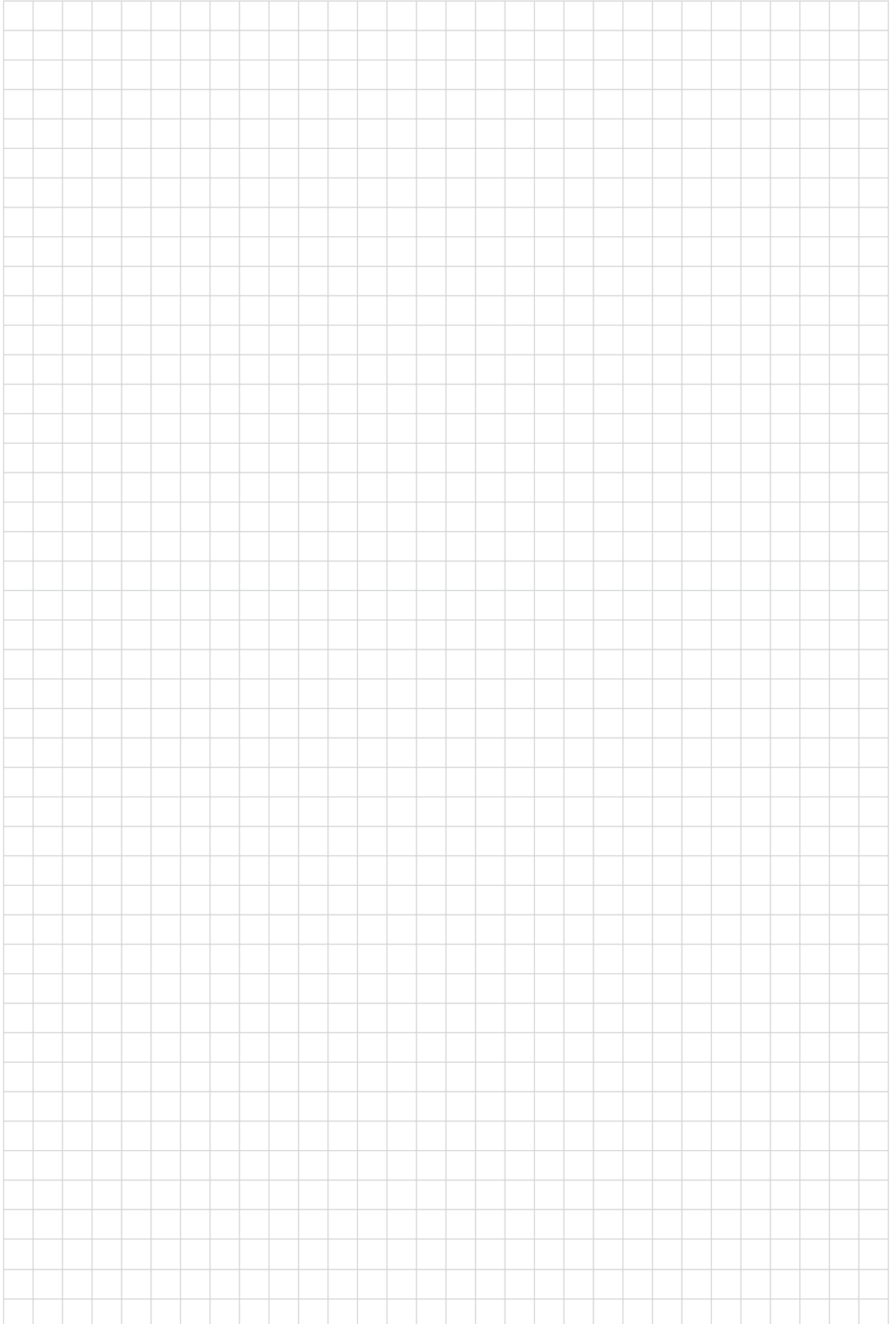
**HOPKINS® Forward-Oblique Telescope 30°**, diameter 1.9 mm, length 6.5 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

## HOPKINS® Telescopes and Arthroscope Sheaths: Overview

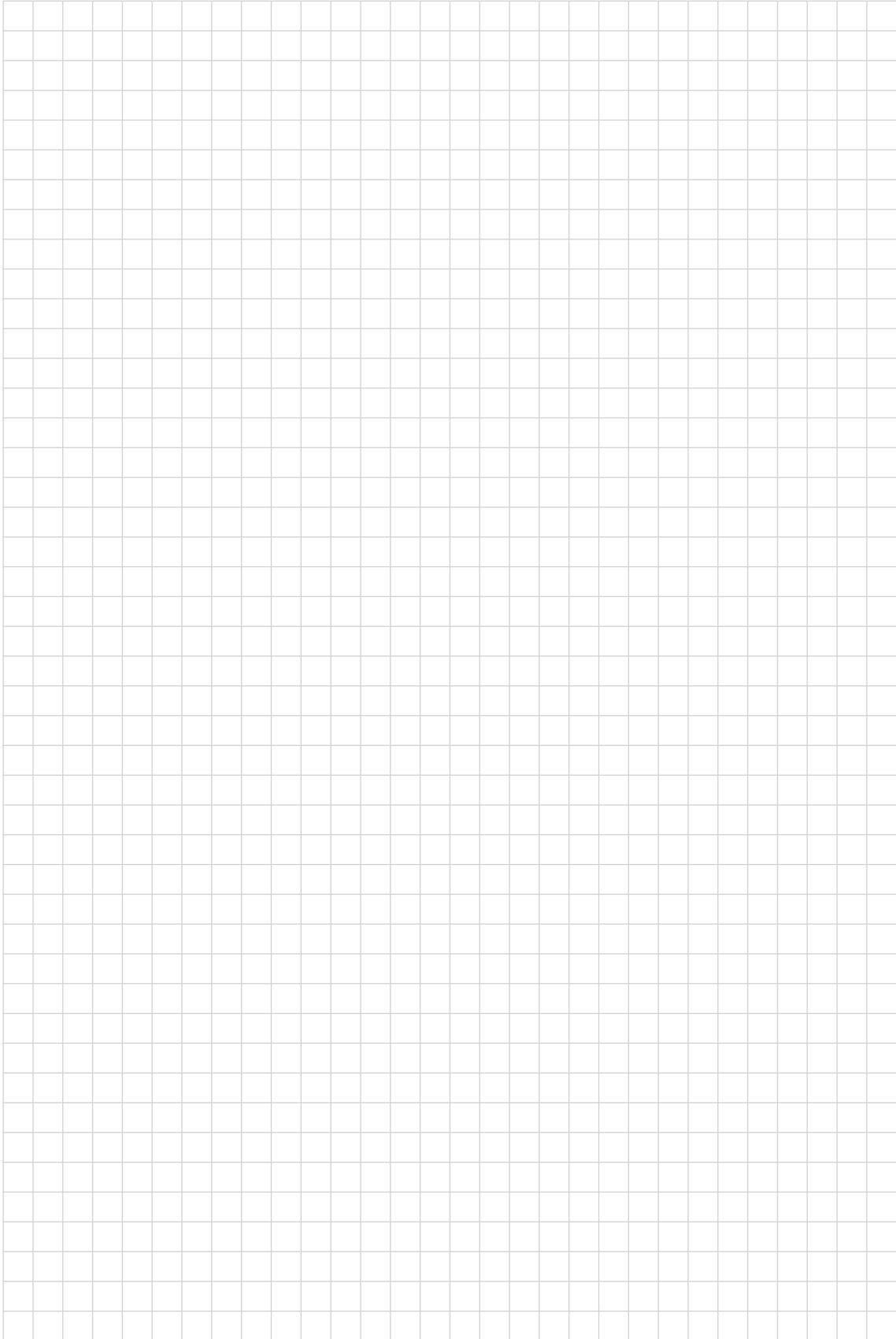
Arthroscope Sheaths							for use with HOPKINS® Telescopes	for use with Obturator
Order No.	Coupling Mechanism	Dia. (mm)	WL (cm)	Stop- cocks	Rotation	Color Code		
28229 DR	standard coupling mechanism	6.5	12	2	x	green-red- yellow	28731 AWA/BWA/ CWA	28126 BC/BS/BT, 28134 O
28126 B	standard coupling mechanism	5.5	12	2		green-red- yellow	28731 AWA/BWA/ CWA	28126 BC/BS/BT, 28134 O
28126 CR	standard coupling mechanism	5.5	12	2	x	green-red- yellow	28731 AWA/BWA/ CWA	28126 BC/BS/BT, 28134 O
28126 R	standard coupling mechanism	5.5	12	1	x	green-red- yellow	28731 AWA/BWA/ CWA	28126 BC/BS/BT, 28134 O
28132 CR	standard coupling mechanism	4	12.5	2	x	red-yellow	28719 BA/CA	28132 BC/BT
28306 BN	standard coupling mechanism	2.5	4	1		red	28305 BA	28306 BS/BT
28229 DS	snap-in coupling mechanism	6.5	13.5	2	x		28731 AWA/BWA/ CWA	28229 BC/BT
28229 S	snap-in coupling mechanism	6.5	13.5	1	x		28731 AWA/BWA/ CWA	28229 BC/BT
28136 DS	snap-in coupling mechanism	6	13.5	2	x	red	28731 BWA/CWA	28136 BC/BT
28136 S	snap-in coupling mechanism	6	13.5	1	x	red	28731 BWA/CWA	28136 BC/BT
28136 EC	snap-in coupling mechanism	6	13.5	2	x	gold	28731 AE	28126 BC/BT, 28134 O
28130 CR	snap-in coupling mechanism	6	13.5	2	x	red	28731 AWA/BWA/ CWA	28130 BC/BT, 28140 O
28130 R	snap-in coupling mechanism	6	13.5	1	x	red	28731 AWA/BWA/ CWA	28130 BC/BT, 28140 O
28136 CR	snap-in coupling mechanism	6	13.5	2	x	red	28731 AWA/BWA/ CWA	28126 BC/BS/BT, 28134 O
28131 CR	snap-in coupling mechanism	5.5	13.5	2	x	blue	28731 AWA/BWA/ CWA	28130 BC/BT, 28140 O
28131 R	snap-in coupling mechanism	5.5	13.5	1	x	blue	28731 AWA/BWA/ CWA	28130 BC/BT, 28140 O
28135 CR	snap-in coupling mechanism	5.5	13.5	2	x	blue	28731 AWA/BWA/ CWA	28126 BC/BS/BT, 28134 O
28133 DS	snap-in coupling mechanism	4	7.5	2	x		28208 BA	28133 BC
28303 DS	snap-in coupling mechanism	3.5	6.5	2	x		28300 BA	28302 BU/BV
28303 BS	snap-in coupling mechanism	3.2	8.5	1			28300 BA	28302 BU/BV
28129 CR	lock-in coupling mechanism	6	12	2	x	green-red- yellow	28731 AWA/BWA/ CWA	28126 BC/BS/BT, 28134 O



## Notes



## Notes







KARL STORZ Endoscopy-America, Inc.  
2151 East Grand Avenue  
El Segundo, CA 90245-5017, USA  
Phone: +1 424 218-8100  
Phone toll free: 800 421-0837 (US only)  
Fax: +1 424 218-8525  
Fax toll free: 800 321-1304 (US only)  
E-Mail: [info@ksea.com](mailto:info@ksea.com)

KARL STORZ SE & Co. KG  
Dr.-Karl-Storz-Straße 34, 78532 Tuttlingen/Germany  
Postfach 230, 78503 Tuttlingen/Germany  
Phone: +49 (0)7461 708-0  
Fax: +49 (0)7461 708-105  
E-Mail: [info@karlstorz.com](mailto:info@karlstorz.com)  
[www.karlstorz.com](http://www.karlstorz.com)

