

Miniature Borescopes

Diameter 1 – 2.9 mm

Specially designed for general industrial use, KARL STORZ Borescopes are rigid endoscopes with extremely slender outer sheaths, featuring:

- Highest resilience thanks to well-known KARL STORZ quality
- Pressure resistance up to +5 bar
- Protected optical system (metal protective layers)
- Resistant to oil, fuel, and solvents
- Temperature resistance up to 150°C (302°F)

Excellent image quality due to use of **HOPKINS®** and **HOPKINS®** rod lens system:

- Optimal illumination
- Images with high color fidelity
- Maximum image size
- Eyepiece focussing
- Fiber optic light transmission incorporated
- Unsurpassed size of field of view

Protective sheaths as additional protection available on request.

Borescope diameter:


1.0 mm → Protective sheath outer diameter: 1.2 mm


1.2 mm → Protective sheath outer diameter: 2.1 mm


1.6 mm → Protective sheath outer diameter: 2.4 mm

1.9 mm → Protective sheath outer diameter: 2.9 mm

2.9 mm → Protective sheath outer diameter: 3.8 mm

Direction of View	Angle of View	Diameter in mm	Working Length					
			100 mm	137 mm	200 mm	230 mm	300 mm	400 mm
0° 	52°	¹ 1.0	⁴ 82060			⁴ 82062	⁴ 82063	⁴ 82064
	70°	¹ 1.2	82070	82071		82072	82073	82074
	40°	1.6	⁴ 82340 AF					
	55°	1.9	⁴ 82360 AF					

Direction of View	Angle of View	Diameter in mm	Working Length					
			100 mm	170 mm	200 mm	260 mm	300 mm	400 mm
0° 	50°	2.0		² 82550 A				

Direction of View	Angle of View	Diameter in mm	Working Length					
			100 mm	170 mm	240 mm	255 mm	300 mm	360 mm
0° 	55°	2.9	83260 AF	83360 AF	83460 AF		83560 AF	83660 AF
	70°	2.9		83570 AX				
	90°	2.9	83290 AF	83390 AF	83490 AF		83590 AF	83690 AF

¹ semirigid version, with fiber optic light guide

² without eyepiece focussing

⁴ reflecting telescope with 90° direction of view available

Our customer service will be pleased to provide you with further information about our borescopes.

Miniature Borescopes

Diameter 1.6 – 2.9 mm

Specially designed for general industrial use, KARL STORZ Borescopes are rigid endoscopes with extremely slender outer sheaths, featuring:

- Highest resilience thanks to well-known KARL STORZ quality
- Pressure resistance up to +5 bar
- Protected optical system (metal protective layers)
- Resistant to oil, fuel, and solvents
- Temperature resistance up to 150°C (302°F)

Excellent image quality due to use of **HOPKINS®** and **HOPKINSIII®** rod lens system:

- Optimum illumination
- Images with high color fidelity
- Maximum image size
- Eyepiece focussing
- Fiber optic light transmission incorporated
- Unsurpassed size of field of view

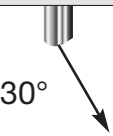
Protective sheaths as additional protection available on request.

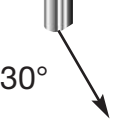
Borescope diameter:

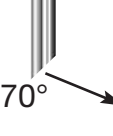
1.6 mm → Protective sheath outer diameter: 2.4 mm

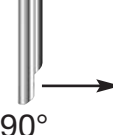
1.9 mm → Protective sheath outer diameter: 2.9 mm

2.9 mm → Protective sheath outer diameter: 3.8 mm

Direction of View	Angle of View	Diameter in mm	Working Length				
			100 mm	170 mm	240 mm	300 mm	360 mm
 30°	40°	1.6	82340 BF				
	55°	1.9	82360 BF				
	40°	2.0		² 82530 B			

 30°	55°	2.9	83260 BF 83260 BF1	83360 BF	83460 BF	83560 BF	83660 BF
	70°	2.9		83570 BX			
	90°	2.9	83290 BF 83290 BF1	83390 BF	83490 BF	83590 BF	83690 BF

 70°	45°	1.9	³ 1232 CA				
	55°	2.9	83260 CF	83360 CF	83460 CF	83560 CF	83660 CF

 90°	70°	2.9	83270 DF	83370 DF	83470 DF	83570 DF	
---	-----	-----	----------	----------	----------	----------	--

² without eyepiece focussing

³ without eyepiece focussing, protective sheath not available

Our customer service will be pleased to provide you with further information about our borescopes.