



# More Precision

**Eltrotec** // Industrial Endoscopes





- Ø from 1 mm to 8 mm
- Perfect optical system
- Optimized light conductors for excellent image brightness
- External focus ring for diopter adjustment
- Rotatable probe

High quality lens systems provide clear and sharp images with perfect resolution. From the variety of different viewing directions and opening angles, you can choose the most suitable model of the SKF-D series for your

application. On models with lateral viewing direction the probe can be rotated. Thus the position of the internal part to be tested is irrelevant. Due to the offset focus ring and the possibility to unscrew the eye funnel, the

endoscopes are ideally suited for use with a camera. The object is illuminated by an external light source

Type SKF-D						
Outer-Ø mm	Direction of view	Aperture angle	Length mm	Rotatable probe	Article no.	90° Mirror tube
1.0	0°	50°	60	no	20812408	yes
			90	no	20812474	yes
1.7	0°	40°	110	no	20812476	yes
			153	no	20812478	yes
1.9	0°	70°	70	no	20082497	yes
			175	no	20082521	yes
2.8	0°	40°	125	no	20081160	yes
			254	no	20081161	yes
			383	no	20081162	yes
2.8	0°	90°	125	no	20081163	no
			250		20081164	
2.8	30°	80°	380	yes	20081165	no
			125		20082498	
			250		20082499	
2.8	70°	70°	380	yes	20082500	no
			125		20082502	
			250		20082503	
4.0	0°	40°	380	no	20082504	yes
			245		20081173	
			370		20081174	
4.0	0°	90°	125	no	20082505	no
			250		20082506	
			380		20082507	
			440		20082508	
4.0	30°	100°	125	yes	20082509	no
			250		20082510	
			380		20082511	
			440		20082512	

Type SKF-D						
Outer-Ø mm	Direction of view	Aperture angle	Length mm	Rotatable probe	Article no.	90° Mirror tube
4.0	70°	80°	125	yes	20082513	no
			250		20082514	
			380		20082515	
			440		20082516	
4.0	90°	55°	125	yes	20082517	no
			250		20082518	
5.8	0°	40°	135	no	20081187	yes
			275		20081188	
			415		20081189	
			555		20081190	
5.8	0°	100°	146	no	20081191	no
			286		20081192	
			426		20081193	
			566		20081194	
5.8	45°	65°	135	yes	20081195	no
			275		20081197	
			345		20081198	
5.8	70°	65°	135	yes	20081199	no
			205		20082000	
			275		20082001	
			345		20082002	
5.8	90°	65°	625	yes	20082519	no
			135		20082003	
			205		20082004	
8.0	0°	40°	275	no	20082005	yes
			225		20081135	
			425		20082007	
8.0	0°	100°	625	no	20082008	no
			236		20082010	
			436		20082011	
8.0	45°	55°	636	yes	20082012	no
			325		20082015	
			425		20082016	
8.0	70°	65°	625	yes	20082018	no
			225		20082019	
			425		20082021	
8.0	90°	65°	625	yes	20081612	no
			225		20082023	
			325		20082024	
			425		20082025	
			625		20082027	

#### Mirror tubes for standard endoscopes

- Deflection 90°
- Rotatable stainless steel tube - 360°
- Mirror in the form of a prism



Outer-Ø mm	Deflection	Article no. mirror tube	for Endoscope-Ø mm	for Length mm	Article no. endoscope
1.2	90°	20822409	1.0	60	20812408
		20822475		90	20812474
2.0	90°	20822477	1.7	110	20812476
		20822479		153	20812478
3.05	90°	20092055	2.8	125	20081160
		20092056		254	20081161
		20092057		383	20081162
4.5	90°	20092059	4.0	245	20081173
		20092060		370	20081174
6.3	90°	20092061	5.8	135	20081187
		20092062		275	20081188
		20092063		415	20081189
		20092064		555	20081190
8.5	90°	20092065	8.0	225	20081135
		20092066		425	20082007
		20092067		625	20082008

## Sensors and Systems from Micro-Epsilon



Sensors and systems for displacement, distance and position



Sensors and measurement devices for non-contact temperature measurement



Measuring and inspection systems for metal strips, plastics and rubber



Optical micrometers and fiber optics, measuring and test amplifiers



Color recognition sensors, LED analyzers and inline color spectrometers



Industrial endoscopes, light sources