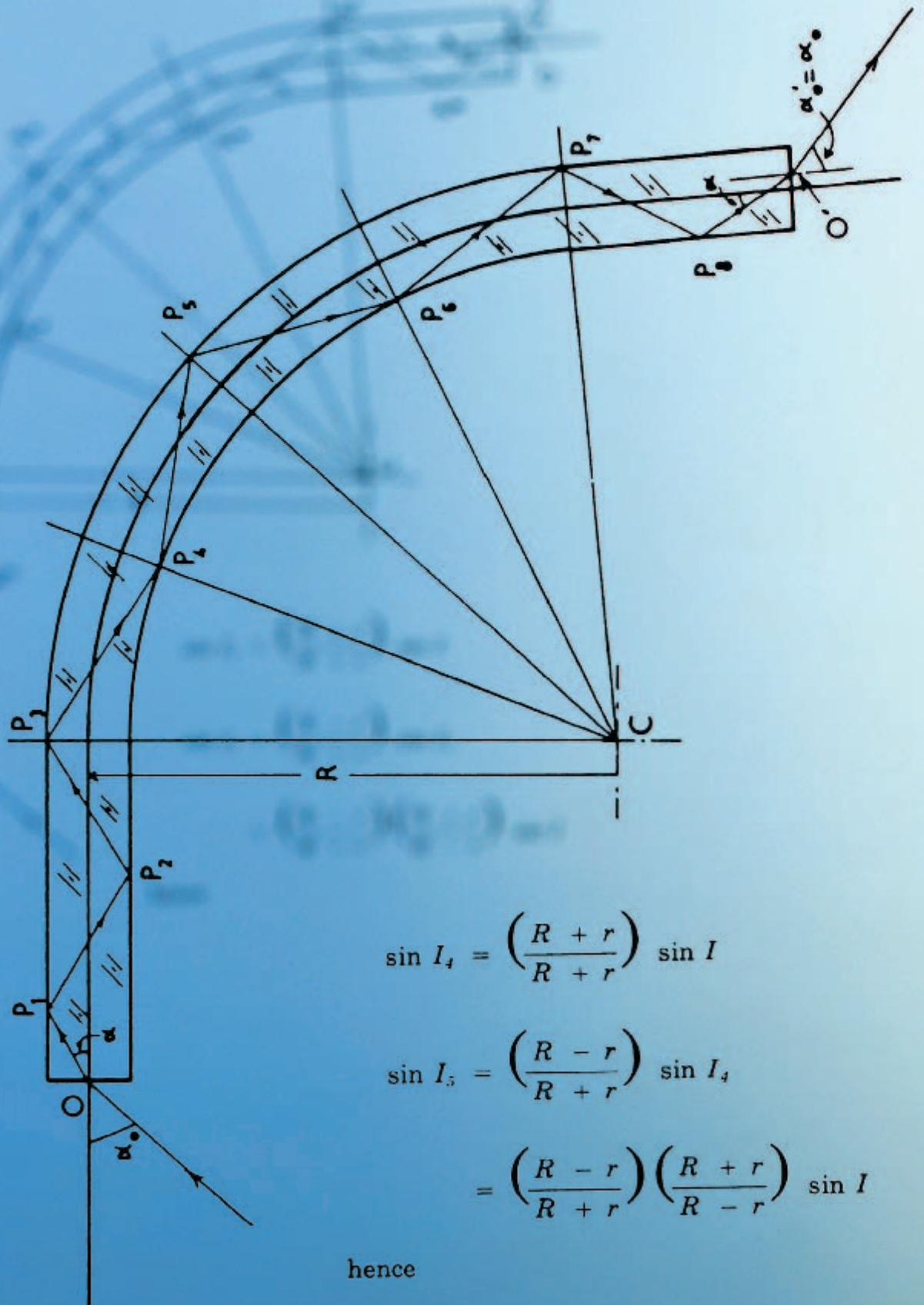


# FLEXOSCOPES



$$\sin I_4 = \left( \frac{R + r}{R + r} \right) \sin I$$

$$\sin I_5 = \left( \frac{R - r}{R + r} \right) \sin I_4$$

$$= \left( \frac{R - r}{R + r} \right) \left( \frac{R + r}{R - r} \right) \sin I$$

hence



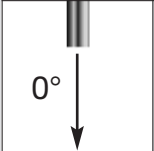
# Miniflex

Diameter 0.5 and 0.9 mm

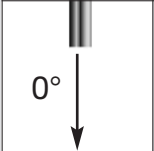
Flexoscope with Plastic Outer Coating

For general industrial use

- With eyepiece focussing
- Robust, smooth plastic outer coating
- Temperature resistance up to 80°C (176°F)

Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	70°	0.5	-/-	-/-	-	-	30 mm
Working Length		200 mm	400 mm	800 mm	1000 mm	2000 mm	
Order No.		K 00502 AF1	K 00504 AF1	K 00508 AF1	K 00510 AF1	K 00520 AF1	

The flexoscopes listed in this table are delivered without a light cable.  
 For standard light cable 81594 GW and more, see chapter ILLUMINATION

Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	70°	0.9	-/-	-/-	-	-	30 mm
Working Length		200 mm	400 mm	800 mm	1000 mm	2000 mm	
Order No.		K 00902 AF1	K 00904 AF1	K 00908 AF1	K 00910 AF1	K 00920 AF1	

The flexoscopes listed in this table are delivered without a light cable.  
 For standard light cable 81594 GW and more, see chapter ILLUMINATION

7-04

**Please note:**

**KARL STORZ Miniflex is delivered in a robust case for storage and transport.**


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


# FLEXOSCOPES


Diameter 2.5 and 3.5 mm  
with Plastic Outer Coating

For general industrial use

- With fiber optic light guide for the Cold Light Projector, length 1.8 m
- With eyepiece focussing
- Robust, smooth plastic outer coating
- Temperature resistance up to 80°C (176°F)

Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	80°	2.5/2.8	180°/90°	-/-	4 mm	6 mm	15 mm
Working Length		890 mm	1200 mm				
Order No.	Dia. 2.5	K 02508 AH1	K 02512 AH1				
	Dia. 2.5	⊕ K 02808 AH1	⊕ K 02812 AH1				

Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	70°	3.5	180°/90°	-/-	11 mm	8 mm	15 mm
Working Length		350 mm	570 mm	760 mm	1200 mm	1800 mm	
Order No.	K 03504 AG1	K 03506 AG1	K 03508 AG1	K 03512 AG1	K 03518 AG1		

Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	100°	3.5	180°/90°	-/-	11 mm	8 mm	15 mm
Working Length		350 mm	570 mm	760 mm	1200 mm	1800 mm	
Order No.	K 03504 AJ1	K 03506 AJ1	K 03508 AJ1	K 03512 AJ1	K 03518 AJ1		

The flexoscopes listed in this table are delivered without a light cable.  
For standard light cable 81594 GW and more, see chapter ILLUMINATION

⊕ reinforced deflection system

**Please note:**

**KARL STORZ Flexoscopes are delivered in a robust case for storage and transport.**

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# FLEXOSCOPES

Diameter 4.2 and 5 mm


For general industrial use

- With fiber optic light guide for the Cold Light Projector, length 1.8 m
- With eyepiece focussing
- Temperature resistance up to 80°C (176°F)

## With Metal Outer Coating


Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	70°	4.2	180°/90°	-/-	11 mm	8 mm	15 mm
Working Length		350 mm	570 mm	760 mm	1220 mm	1800 mm	
Order No.		M 04004 AG1	M 04006 AG1	M 04008 AG1	M 04012 AG1	M 04018 AG1	

## With Metal Outer Coating

Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	100°	4.2	180°/90°	-/-	11 mm	8 mm	15 mm
Working Length		350 mm	570 mm	760 mm	1220 mm	1800 mm	
Order No.		M 04004 AJ1	M 04006 AJ1	M 04008 AJ1	M 04012 AJ1	M 04018 AJ1	

The flexoscopes listed in this table are delivered without a light cable.  
 For standard light cable 81594 GW and more, see chapter ILLUMINATION

## With Plastic Outer Coating:

Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	70°	5.0	180°/180°	120°/120°	12 mm	12 mm	30 mm
Working Length		1000 mm	1800 mm				
Order No.		K 05010 AG	K 05018 AG				

Please note:

**KARL STORZ Flexoscopes are delivered in a robust case for storage and transport.**

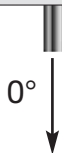
**Our customer service will be pleased to provide you with further information about our flexoscopes.**


# FLEXOSCOPES


Diameter 6 up to 12 mm  
with Metal Outer Coating

For general industrial use

- With fiber optic light guide for the Cold Light Projector, length 2.5 m
- With eyepiece focussing
- Robust, smooth metal outer coating
- Temperature resistance up to 80°C (176°F)

Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	70°	6.0	180°/180°	120°/120°	12 mm	12 mm	30 mm
Working Length		1000 mm	1800 mm				
Order No.		M 06010 AG	M 06018 AG				

Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	90°	9.0	180°/90°	120°/120°	16 mm	12 mm	40 mm
Working Length		1000 mm	1600 mm				
Order No.		M 09010 AI	M 09016 AI				

Direction of View	Angle of View	Diameter in mm	Deflection		Length of Rigid End	Minimal Radius of Curvature	
			up/down	right/left		Lens	Hose
	90°	12.0	180°/90°	90°/90°	25 mm	20 mm	40 mm
Working Length		1000 mm	1800 mm				
Order No.		M 12010 AI	M 12016 AI				

Please note:

KARL STORZ Flexoscopes are delivered in a robust case for storage and transport.

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