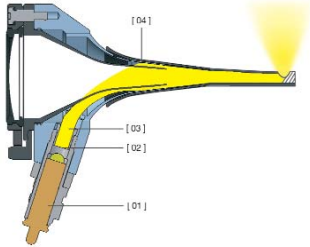
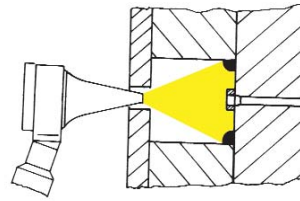


Viewing probes

For apertures from 5 mm diameter. Direction of view 0° and 90°.



**Optical function:** A pre-focussed bulb [ 01 ] projects light onto the end-surface [ 02 ] of a fiber optic bundle [ 03 ] which contains many thousand single fibers. At the far end of the bundle [ 04 ] the fibers form a ring which projects a homogeneous and shadow-free beam of light along the viewing path. The examiner looks straight ahead and sees an object in a bore or cavity under magnification. A range of three mirror probes provides a 90° direction of view. They are simply attached to the far end of the instrument. A magnifying lens is attached to the head.



Viewing probe HEINE BETA 200® F.O.

For apertures from 5 mm diameter. Direction of view 0° and 90°



This robust metal head with its 3.5 V XHL Xenon Halogen bulb gives a remarkably bright, white light when used with a 3.5 handle. The brightness can be adjusted by a rheostat control to suit the application. The instrument is especially well-suited for workshop use but is also portable. With 0° direction of view, the object distance is up to 70 mm max.

**Magnification lens for 0° and 90° direction of view: 3 to 4x magnification.**

Viewing probe BETA 200 F.O.	3.5 V
BETA 200 F.O. with 3.5 V bulb and magnifying lens	T-02.24.250
as above, with mirror probes, 30 mm and 50 mm	T-02.24.251
XHL Xenon Halogen spare bulb 3.5 V	T-02.88.078

**Inspection Set E**

Consisting of: viewing probe BETA 200 F.O., 3 mirror probes with 90° direction of view (working length 25 mm, 30 mm and 50 mm), XHL Xenon Halogen spare bulb and BETA Battery handle 3.5V	T-524.20.123
---	--------------

∴ Light and power sources:



**3.5V-version:** BETA Battery handle with 3 LR14 dry batteries or rechargeable handles NIMH or Li-ion.

For more information on HEINE power sources please see pages 30-33.

### Viewing probe HEINE mini 2000® F.O.

For apertures from 5 mm diameter. Direction of view 0° and 90°.



The mini 2000 F.O. Viewing probe, manufactured from robust polyamid, is a handy instrument which is ideal for the pocket with a weight of only 100 g. With a direction of view of 0°, the object inspected may be at a distance of up to 45 mm.

**Magnification lens for 0° and 90°: 4 to 5x magnification.**

Viewing probe mini 2000 F.O.	2.5 V
Viewing probe mini 2000 F.O. with bulb 2.5V, without handle	T-01.70.105
Viewing probe mini 2000 F.O. on mini 2000 battery handle (with batteries)	T-01.70.109
Viewing probe mini 2000 F.O. with mirror probe 90°, Ø 5/25 mm on mini 2000 battery handle (with batteries)	T-01.24.222
Viewing probe mini 2000 F.O. with mirror probe 90°, Ø 5/25 mm and 2.5V spare bulb, without handle	T-01.24.220
XHL Xenon Halogen spare bulb 2.5 V	T-01.88.037

#### Inspection Set C

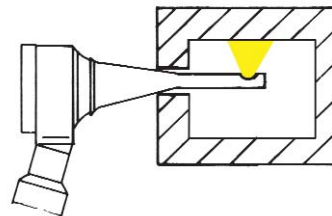
Consisting of:

mini 2000 F.O. viewing probe complete with battery handle mini 2000 (with batteries), 90° mirror probes (25 mm and 30 mm), XHL Xenon Halogen spare bulb, in transparent pack

T-512.10.052

### Accessories for viewing probes

A range of three mirror probes provides a **90° direction of view**. They are simply attached to the far end of the instrument. A magnifying lens is attached to the head.



#### Mirror probes

Mirror probe 90° – dia. 5 mm, working length 25 mm	T-00.24.240
Mirror probe 90° – dia. 6 mm, working length 30 mm	T-00.24.241
Mirror probe 90° – dia. 6 mm, working length 50 mm (BETA 200 only)	T-00.24.242