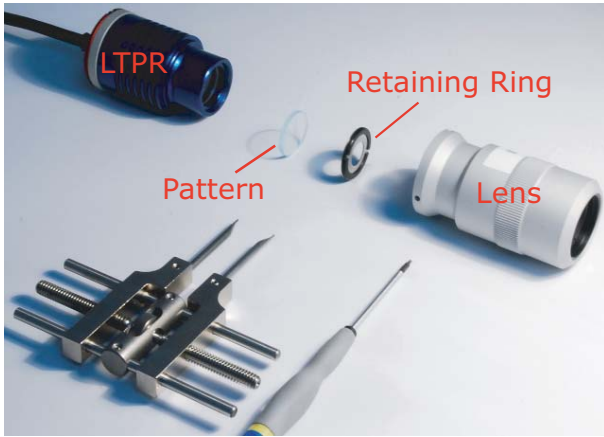


PATTERN SELECTION



The projection pattern can be easily integrated into the LTPR projection unit by unscrewing the retaining ring that holds the pattern itself. This simple procedure makes it easy to interchange different patterns on the same projection unit.

The pattern outer diameter is 21 mm, while the active projection area is a circle of 11 mm: all the significant features of the pattern are drawn inside such a circle. The projection area will show the same aspect ratio as the pattern. The projection accuracy depends both on the pattern manufacturing accuracy and lens distortion. The projection edge sharpness depends on both the lens resolution and the engraving technique: Laser-engraved patterns (part numbers ending in "L") or Photolithography-engraved patterns (part numbers ending in "P") can be chosen depending on the type of application.

STANDARD PATTERNS

PHOTOLITHOGRAPHY PATTERNS		LASER ENGRAVED PATTERNS	
Substrate: soda lime glass Coating: Chrome Geometrical accuracy: 2 micron Edge Sharpness: 1.4 micron		Substrate: borofloat glass Coating: dichroic mirror Geometrical accuracy: 50 micron Edge Sharpness: 50 micron	
P/N: PT00000100P Line Pattern		P/N: PT00000100L Line Pattern	
P/N: PT00000200P Cross Pattern		P/N: PT00000100L Line Pattern	
P/N: PT00000300P Stripe Pattern		P/N: PT00000300L Stripe Pattern	
P/N: PT00000400P Grid Pattern		P/N: PT00000400L Grid Pattern	
P/N: PT00000500P Edge Pattern		P/N: PT00000500L Edge Pattern	

CUSTOM-MADE PATTERNS

Custom-made patterns suitable for specific needs can be supplied on request.

A drawing with all the significant geometrical information must be submitted (please refer to the instructions here below).

