

BIREFLEX/REFLECTIVE TARGET

SI-BT-RT-000

INTRODUCTION

Bireflex/Reflective targets are designed to suit wide surveying applications. The main field of application has been convergence measuring in tunnel construction. Typical areas of application are tunnel and underground construction, stabilization of sliding slopes, bridge construction and building construction as well as dam observation.

DESCRIPTION

The bireflex target consists of reflector mounted on a robust frame. The target has reflectors on both the sides and is mounted on a universal joint such that it can be oriented in any direction as required. The target has a small centre hole to allow precise targeting.

Unlike our standard reflecting target marks, the reflective film of this device can be optimally adjusted to the target by means of the tiltable foil carrier that can be rotated freely around two axes. Thus, losses of reflection and inaccuracies arising through obliquely incident EDM rays can be avoided. Precise and deliberately heavy bearing support of the film/prism carrier prevents accidental tilting and makes it nearly impossible.



FEATURES

- The signal-yellow coloring is ideal for the fundability of the mark even with adverse lighting conditions.
- Very long-lasting special-purpose plastic material does not absorb any water and therefore prevents "swelling" of the mark.
- Reliable clamp-mounting on every 12 mm pin (compatible with WILD devices) by means of a rugged clamping screw.
- Very well-priced
- Precise, rugged, interchangeable and low cost
- Compact construction Easy installation
- Robust frame and bolts with firm grip
- Precise surveying application where total stations are used