

ATS Prism kit

a vital part of Traceable 3D®

Traceable 3D quality assures your project over time by establishing repeatable benchmarks that efficiently support data capturing and analysis of 3D point clouds in a traceable and reusable process



3 Prisms

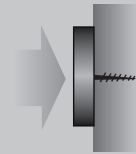
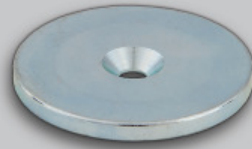


Key Features

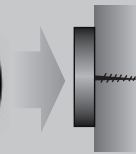
- Optical center coincide with rotation axis
- Laser pointer support
- Attach to precision washer
- Lightweight case

Workflow ATS Scan Reference System

- 1** Mount precision washers where the references should be placed, walls, ceilings etc.



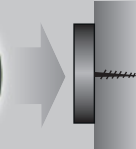
- 2** Attach references (large or medium) to the washer, magnetic connection



Scan!

Remove the scan references

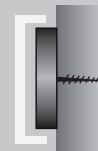
- 3** Attach prisms, magnetic connection



Survey!

Remove prisms

- 4** Protect the precision washer



ATS Prism kit • Technical Data

Prism constant (@660 nm)	-16,9 mm*
Nominal offset height from washer	137 mm
Absolute accuracy center point:	
$\Delta x, \Delta z, \Delta y$	± 1 mm
Mounts to	Precision washer $\varnothing 36$ mm
Type of mount	Magnetic
Coating back of prism	Copper
Aperture diameter	22 mm

* Valid for Trimble, for Leica add 34,4 mm to this value.



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