



Technical Specifications

B&T TRS

Tactical Rifle Scope

made by Schmidt & Bender, Germany
for Brügger & Thomet, Switzerland



TS-7859

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1. Nomenclature and Technical Data of Rifle Scope

1.1 Nomenclature of Rifle Scope

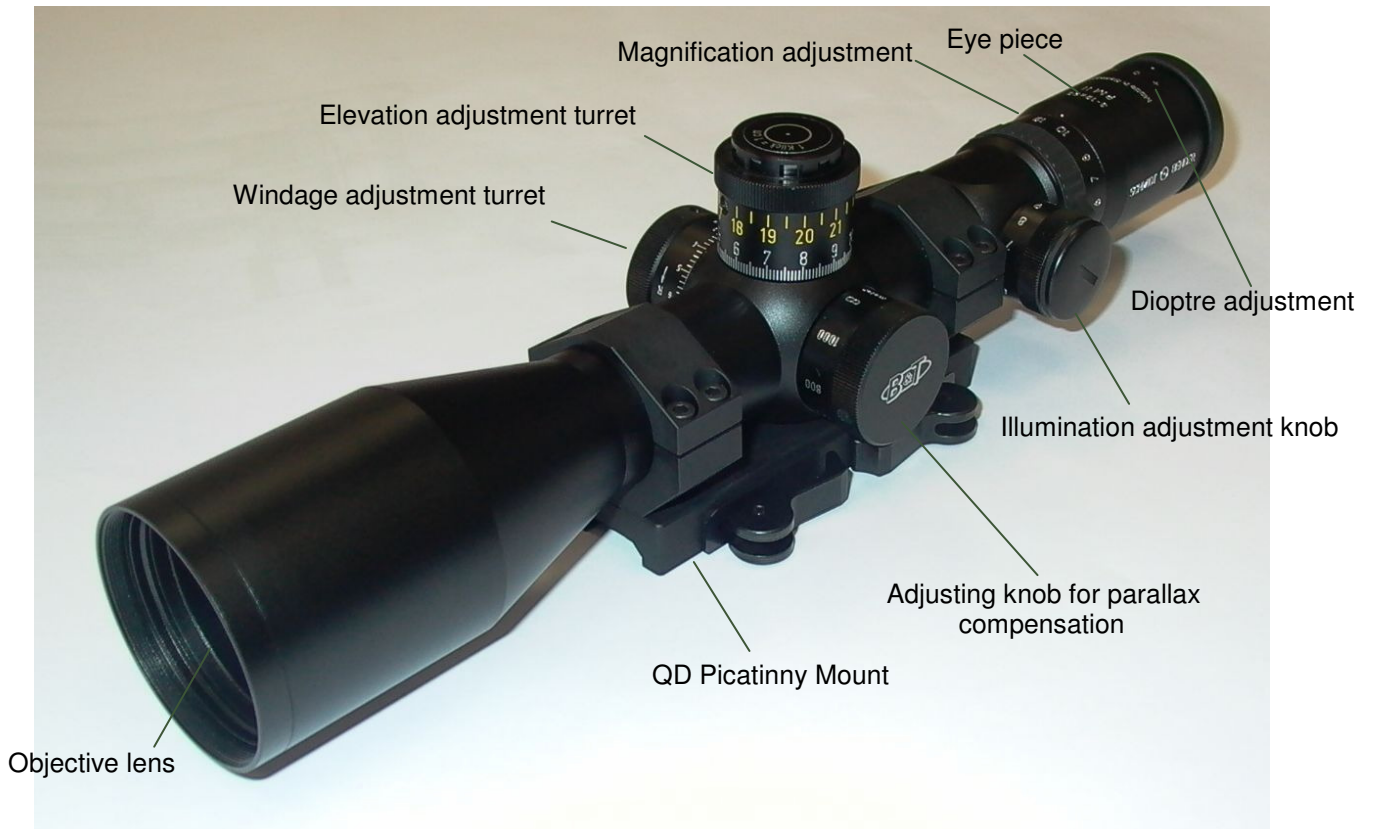


Fig. 1.1

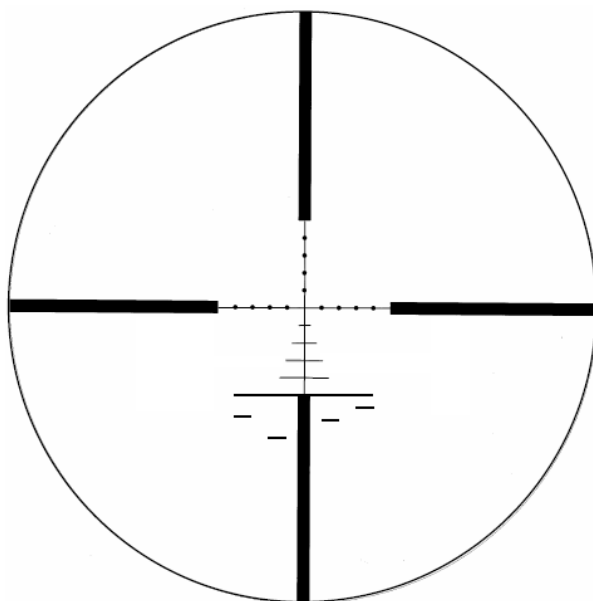


Fig. 1.2: B&T TRS Reticle pattern.
Distance dot to dot = 100 mm/100m.
Range estimation scale for 1 m reference height at 800 m, 400 m, 600 m and 1200 m (from left to right).

1.2 Technical Data of Rifle Scope

Manufacturer:	Made by Schmidt & Bender, Germany, exclusively for B&T (B&T branded)
Designation:	B&T TRS (Tactical Rifle Scope)
Product ID:	BT-3-12x50-CC (complete with mount, sun shade and lens protectors)
Magnification:	3-12x
Free of Parallax at:	Adjustable (50 m to ∞)
Reticle:	Specific as fig. 3.2, illuminated
Power source:	CR2032 3V
Field of View at 100 m:	11.3 - 3.5 m
Objective Diameter:	50 mm
Exit Pupil:	14.3 - 4.3 mm
Twilight Factor:	8.5 - 24.5
Eye Relief:	90 mm
Middle Tube Diameter:	34 mm
Overall length:	355 mm
Weight:	900 g
Windage/elevation adj.:	0.1 mrad/Click (10 mm at 100 m)
Elevation adj. range:	22 mrad (2.2 m at 100 m)
Mount:	B&T Quick detachable mount Picatinny (MIL STD 1913) plus Simrad adaptor
Bore height:	68 mm

1.3 Operational Condition Data of Rifle Scope

Shock resistance:	2000 shocks of 70 g / 3 msec
Vibration resistance:	Amplitude 3.2 mm, frequency 30 Hz, duration 5 min
Drop resistance:	2 m (charged with 17 kg)
Operational temperature:	- 25°C / +55°C (and 95% rel. humidity)
Storage temperature:	- 55°C / + 70°C for 12 h
Submersibility:	10 m for 4 h (in salt water)