

## FEATURES & BENEFITS

- ▶ 100 mm OD aluminum sphere
- ▶ Precise design, allowable deviation < 1 mm
- ▶ Female 1/4 x 20 threaded mounting
- ▶ Painted non-glare white
- ▶ Grade 8 magnet — strongest ceramic material available
- ▶ 2.03 inch OD steel cup
- ▶ 1/4 x 20 stainless steel stud
- ▶ Chrome-plated steel cup magnet offers 40 pounds of pull
- ▶ Weighs 0.80 lb (0.36 kg)

## APPLICATIONS

- ▶ Laser scanners



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# Lightweight Aluminum Laser Scanning Target Solution

6703-10  
100 mm Scanner Sphere  
with Magnet



**Contact your local SECO dealer today!**

- ▶ 100 mm OD lightweight aluminum sphere
- ▶ Precision design, allowable deviation < 1 mm
- ▶ Female 1/4 x 20 threaded mounting
- ▶ Center height is 49 mm for bottom flat
- ▶ Painted non-glare white
- ▶ Weighs 0.60 lb (0.27 kg)



6703-001 — 100 mm Scanner Sphere

- ▶ Stainless Steel 1/4 x 20 stud
- ▶ Chrome-plated steel cup
- ▶ 2.03-inch OD steel cup
- ▶ Grade 8 ceramic magnet
- ▶ 40 pounds of pull force
- ▶ Weighs 0.20 lb (0.09 kg)



6703-002 — Magnet w/ 1/4 x 20 Stud

- ▶ 3/8 x 16 stainless steel male stud
- ▶ Three prong tribrach interface connection
- ▶ Physical height is 60.5 mm
- ▶ Center height is 196 mm with the TX5/FAR03D
- ▶ Weighs 1.35 lb (0.61 kg)



6703-011 — 196 mm HT Tribrach Adapter for TX5/FAR03D

- ▶ 25 mm silver-coated prism
- ▶ -17.5 mm offset
- ▶ Length: 72.5 mm prism center to connections
- ▶ 5/8 x 11 female and magnetic connection
- ▶ Weighs 0.75 lb (0.34 kg)



6703-012 — 72.5 HT Prism Assembly with Magnet

- ▶ Includes six 100 mm scanner spheres and six magnets with 1/4 x 20 studs
- ▶ Stow-able straps (cases can connect together)
- ▶ 1000D Cordura with 2-inch padded foam
- ▶ Carrying handle
- ▶ Length: 16 inches (40.64 cm)
- ▶ Width: 11 inches (27.94 cm)
- ▶ Height: 8 inches (20.32 cm)
- ▶ Weighs 6.60 lb (3.00 kg)



6703-20 — Scanner Kit, 6 ea, in Soft Case

- ▶ Six padded compartments
- ▶ Stow-able straps (cases can connect together)
- ▶ 1000D Cordura with 2-inch padded foam
- ▶ Carrying handle
- ▶ Length: 16 inches (40.64 cm)
- ▶ Width: 11 inches (27.94 cm)
- ▶ Height: 8 inches (20.32 cm)
- ▶ Weighs 2.00 lb (0.91 kg)



8082-01-ORG — Soft Case for Scanner Spheres

- ▶ 90 pounds of pull force
- ▶ Brass washers centers to 6703-002 magnet base connection
- ▶ Connects to pipes and flat surfaces
- ▶ Weighs 0.90 lb (0.41 kg)



6703-013 — V-Base with Washer Magnet

- ▶ Includes ten 100 mm scanner spheres and ten magnets with 1/4 x 20 studs
- ▶ Length: 24.5 inches (62.3 cm)
- ▶ Width: 19 inches (48.3 cm)
- ▶ Height: 9 inches (22.9 cm)
- ▶ Weighs 22.00 lb (10.00 kg)



6703-11 — 10 piece 100 mm Scanner Kit in Hard Case

- ▶ Custom foam keeps spheres, prisms, and adapters safe and secure
- ▶ Length: 24.5 inches (62.3 cm)
- ▶ Width: 19 inches (48.3 cm)
- ▶ Height: 9 inches (22.9 cm)
- ▶ Weighs 14.00 lb (6.36 kg)



6703-014 — Pelican Case for 100 mm Spheres

- ▶ 1/4 x 20 stainless steel male stud
- ▶ Female 12 mm Quick Release connection
- ▶ Physical height is 37 mm
- ▶ Center height is 86 mm with 100 mm sphere (6703-001)
- ▶ Weighs 0.10 lb (0.05 kg)



6703-004 — 86 mm HT Quick Release Adapter

- ▶ Compatible with the TX5
- ▶ Physical width is 3.12 in (79.3 mm)
- ▶ Physical height is 34 mm
- ▶ Weighs 1.75 lb (0.80 kg)



2070-02 — 3/8 x 16 Tribrach Adapter

- ▶ 1/4 x 20 stainless steel male stud
- ▶ Physical height is 86 mm
- ▶ 5/8 x 11 female connection
- ▶ Center height is 135 mm with 100 mm sphere (6703-001)
- ▶ Weighs 0.25 lb (0.11 kg)



6703-003 — 5/8 x 11, 135 mm HT Adapter

- ▶ 1/4 x 20 stainless steel male stud
- ▶ Physical height is 23.5 mm
- ▶ 5/8 x 11 female connection
- ▶ Center height is 72.5 mm with 100 mm sphere (6703-001)
- ▶ Weighs 0.05 lb (0.02 kg)



6703-005 — 5/8 x 11, 72.5 mm HT Adapter

- ▶ 1/4 x 20 stainless steel male stud
- ▶ Physical height is 113 mm
- ▶ 5/8 x 11 female connection
- ▶ Center height is 196 mm with 100 mm sphere (6703-001) and Tribrach Adapter (2070-00)
- ▶ Weighs 0.35 lb (0.16 kg)



6703-006 — 5/8 x 11, 196 mm HT Adapter

- ▶ Zinc-plated steel material
- ▶ 1.90 in (48.26 mm) in diameter
- ▶ Thickness is 0.098-inch (2.5 mm)
- ▶ 0.24-inch (6 mm) countersink hole connection
- ▶ Weighs 0.05 lb (0.02 kg)



6703-007 — Wall Washer Adapter

- ▶ Easy to use "on/off" switch for attaching to glass or flat slick surfaces
- ▶ Wide 3 1/4-inch rubber suction surface
- ▶ Male 1/4 x 20 stud for attaching scanner sphere to other female 1/4 x 20 devices
- ▶ Physical height is 48 mm
- ▶ Weighs 0.20 lb (0.09 kg)



6703-019 — Suction Cup with 1/4 x 20 Stud

- ▶ Rubber tips on stainless-steel legs prevent scratching of delicate surfaces
- ▶ Folding legs make tripod very portable
- ▶ Made of anti-corrosive materials
- ▶ Steel-plated washer atop tripod easily attaches to scanner sphere
- ▶ Physical height is 39 mm
- ▶ Weighs 0.15 lb (0.07 kg)



6703-008 — Scanner Sphere Mini Tripod