

Passive technologies

Marker type



Navex™



Tindex™



Omni-directional

Fiducial type

Flat retro-reflecting

Retro-reflecting sphere (snap/screw)

Flat retro-reflecting sticker

Material

CF composite
Medical grade

Titanium Grade 5

3D print resin

Benefits

High accuracy,
metrological reference
Designed for reprocessing

Commonly used
Reprocessable including
autoclavable

High accuracy
Almost no angle view
limitation

Off-the-shelf availability

5 geometries
1 pointer

5 geometries

1 pointer for test

Fiducial accuracy*

<0.2 mm up to 40°
<0.4 mm up to 50°

<0.5 mm

<0.2 mm

Fiducial viewing Angle*

+/- 50°

>+/-90°

up to 360°
up to 4pi steradian

Mechanical interface

M4 screw +2x Ø2G7 pin holes

M4 screw +2x Ø2G8 pin holes

Customization

Geometry
Shape, size
Mechanical interface
Fiducial #

Geometry
Shape, size
Mechanical interface
Fiducial #

Full customization per use case

* Measured with a fusionTrack™ 500 device at 1.6m distance