



# FU-70TZ

Fiber Unit Thrubeam type

\*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

## Specifications

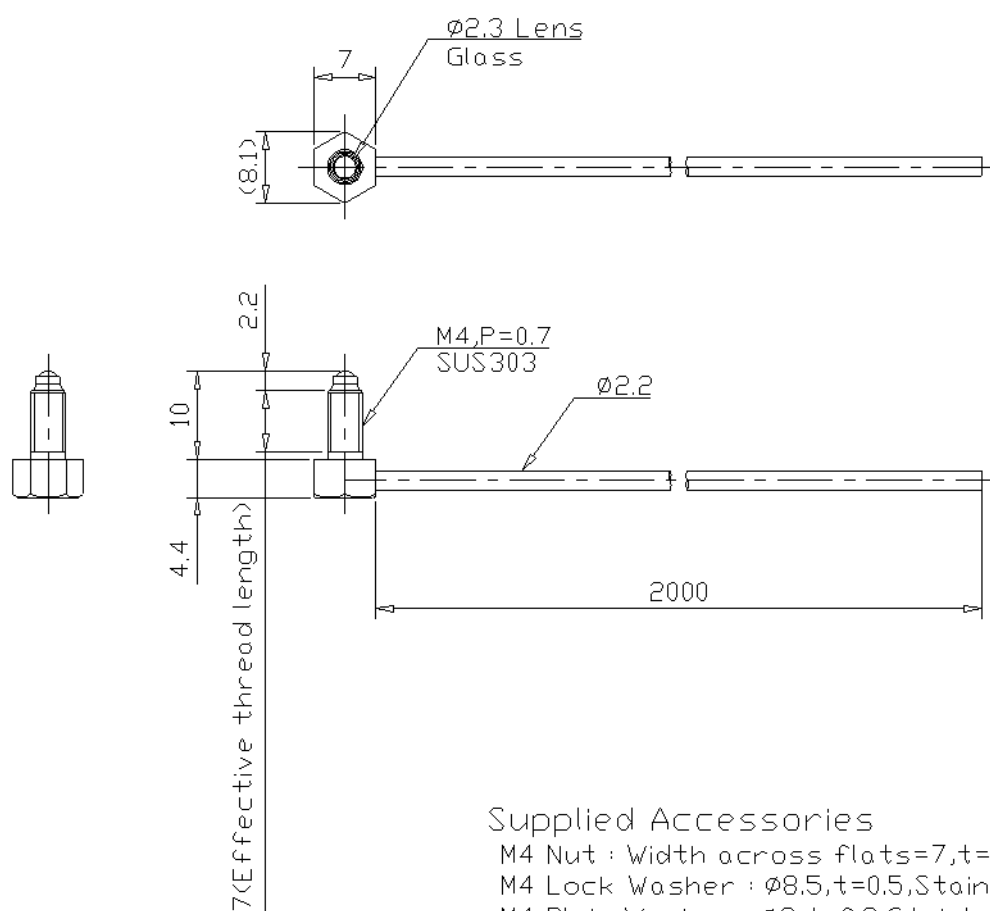
Model		FU-70TZ*1
Type		Built-in lens thrubeam, Standard
Optical axis diameter (Standard target to be detected)		ø2.3 mm0.091"
Fibre unit length		2 m78.74" free-cut
Minimum bend radius		R1 mm0.039"
Minimum detectable object		Opaque material with a diameter of 0.1 mm0.004"*2
Tightening torque		0.8N · m
Environmental resistance	Enclosure rating	IP67 (IEC60529), Type 4X, 6, 12 (NEMA250)
	Ambient temperature	-20 to +50 °C -4 to 122 °F (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
Material		Case : SUS303, PBT Lens : glass Fiber sheath : polyethylene Core fiber : acrylic
Weight		Approx. 22 g

\*1 For details on the detecting distance, see the fiber amplifier catalog.  
\*2 The minimum detectable object is the value when the detecting distance and sensitivity have been set to their optimal state.

## Dimensions

\* Download CAD file or product manual for larger image/text and more detail.

FU-70TZ



### Supplied Accessories

M4 Nut : Width across flats=7,t=2.4,Stainless steel  
 M4 Lock Washer :  $\phi 8.5$ ,t=0.5,Stainless steel  
 M4 Plain Washer :  $\phi 8$ ,t=0.8,Stainless steel  
 Fiber cutter