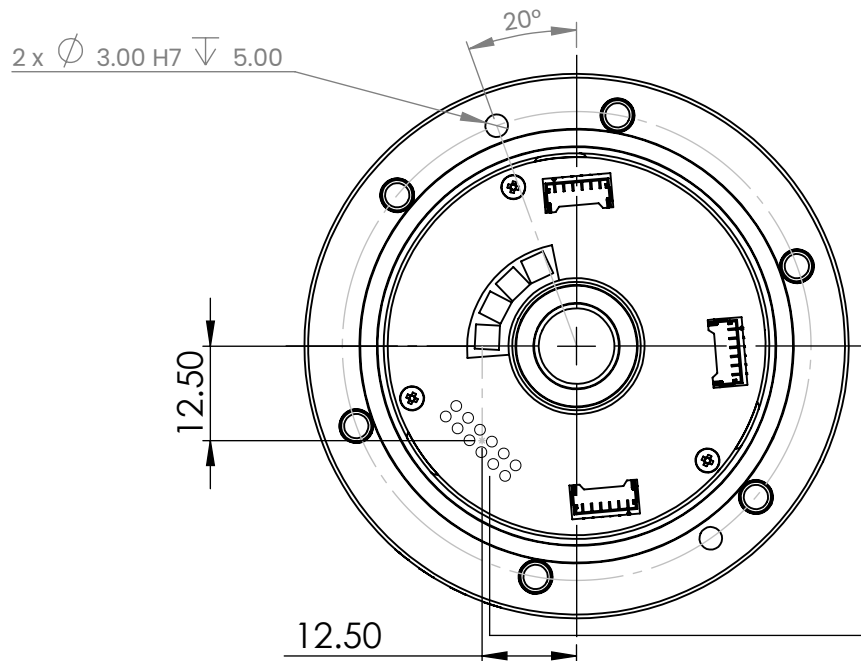
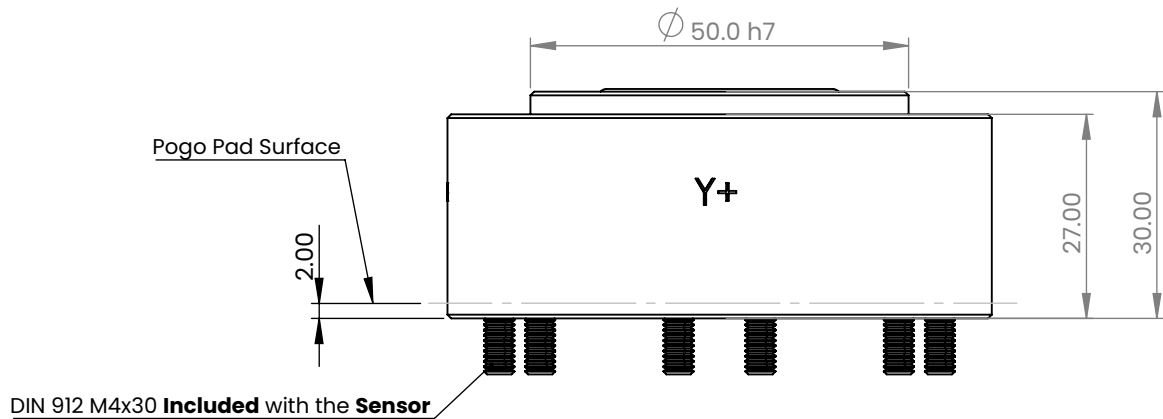
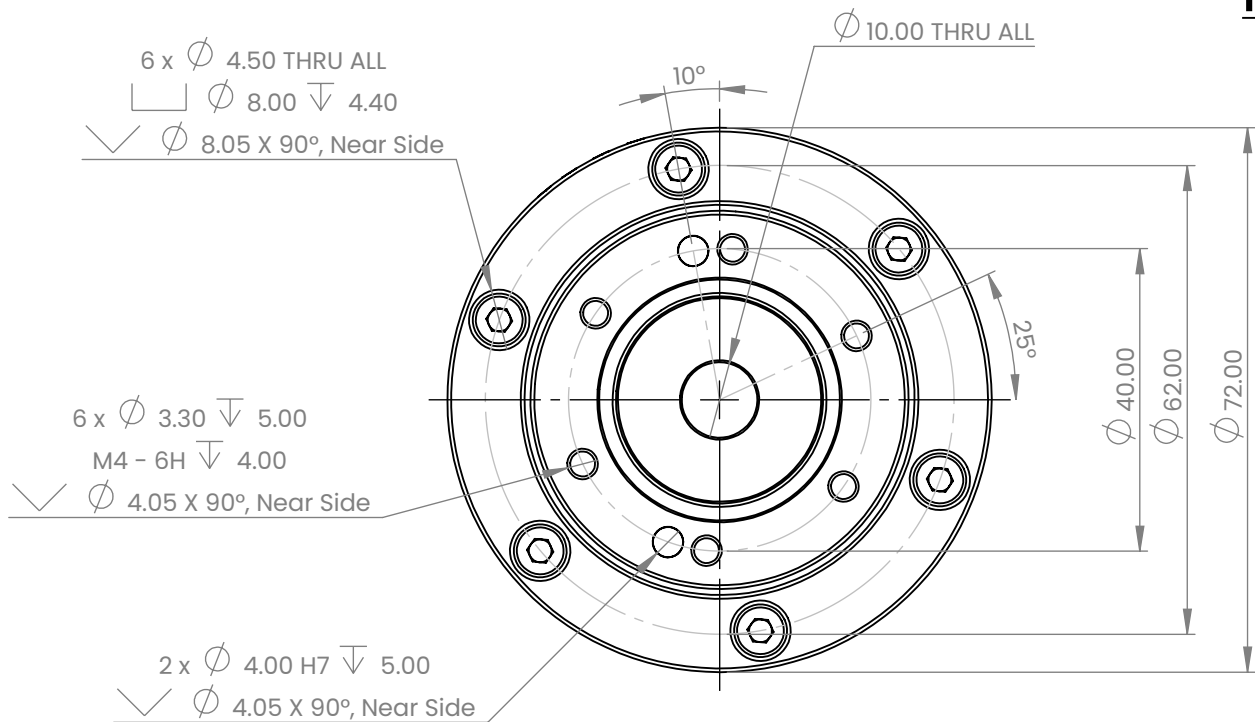
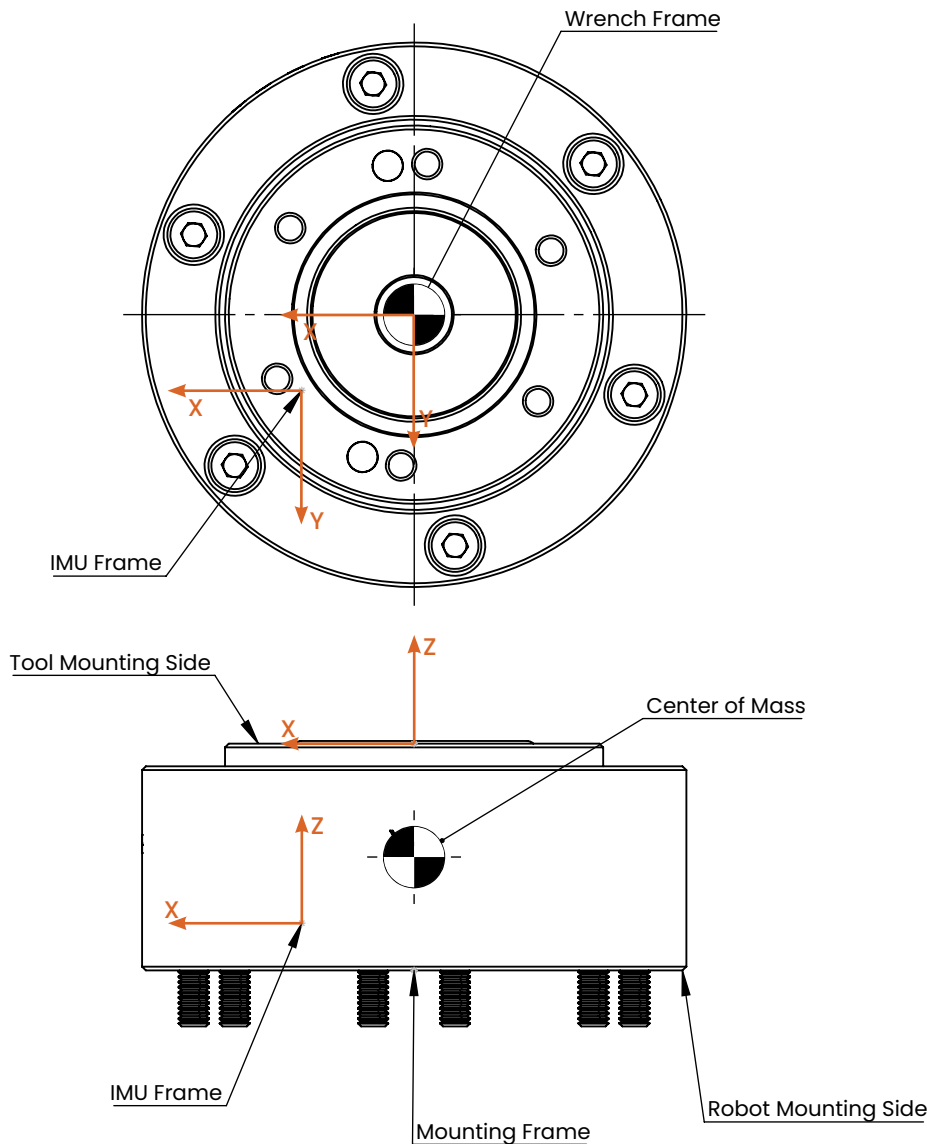
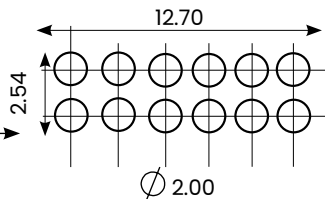


Product Drawing



Pogo Pad Location
The recommended part to use is:
Mil-Max 813-22-012-30-022101



Mass properties of HOL-A000
Configuration: PixONE T25 IND
Coordinate system: Wrench Frame

Mass = 258.02 grams

Volume = 88662.53 cubic millimeters

Surface area = 54916.74 square millimeters

Center of mass: (millimeters)

X = 0.01

Y = 0.00

Z = -15.00

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)

Taken at the center of mass.

Ix = (-1.00, 0.01, 0.00) Px = 111535.36

Iy = (-0.01, -1.00, 0.00) Py = 111821.39

Iz = (0.00, 0.00, 1.00) Pz = 187926.41

Moments of inertia: (grams * square millimeters)

Taken at the center of mass and aligned with the output coordinate system. (Using positive tensor notation.)

Lxx = 111535.45 Lxy = -2.11 Lxz = -75.46

Lyx = -2.11 Lyy = 111821.38 Lyz = 0.19

Lzx = -75.46 Lzy = 0.19 Lzz = 187926.33

Moments of inertia: (grams * square millimeters)

Taken at the output coordinate system. (Using positive tensor notation.)

Ixx = 169611.27 Ixy = -2.12 Ixz = -109.84

Iyx = -2.12 Iyy = 169897.22 Iyz = 15.47

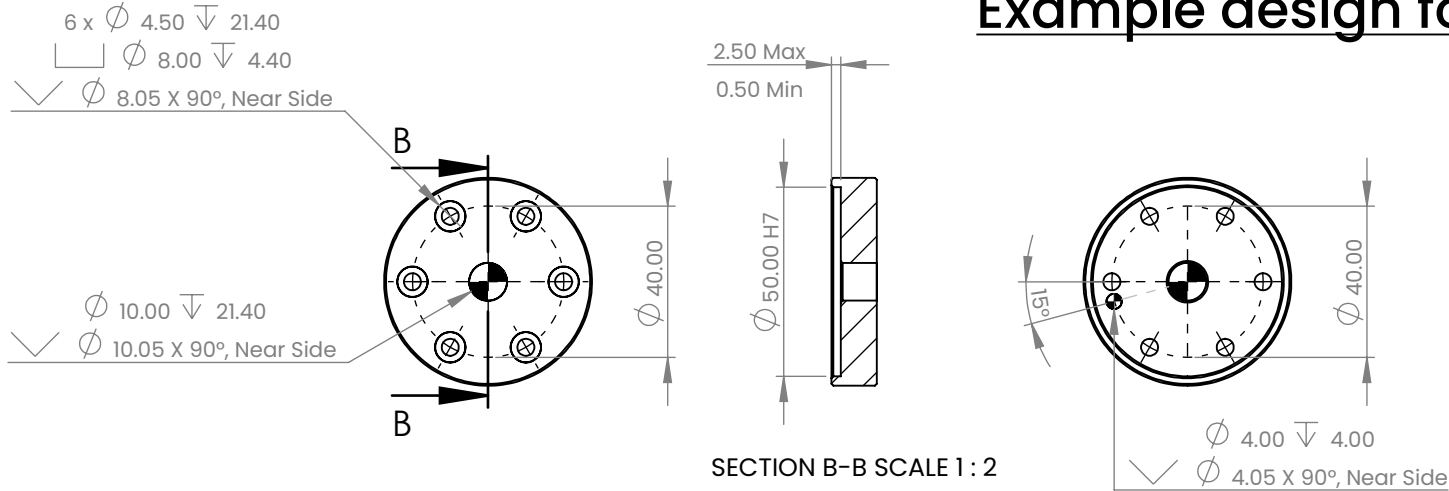
Izx = -109.84 Izy = 15.47 Izz = 187926.36

IMU Location from Wrench Frame	
X	14.87 mm
Y	10.00 mm
Z	- 23.75 mm

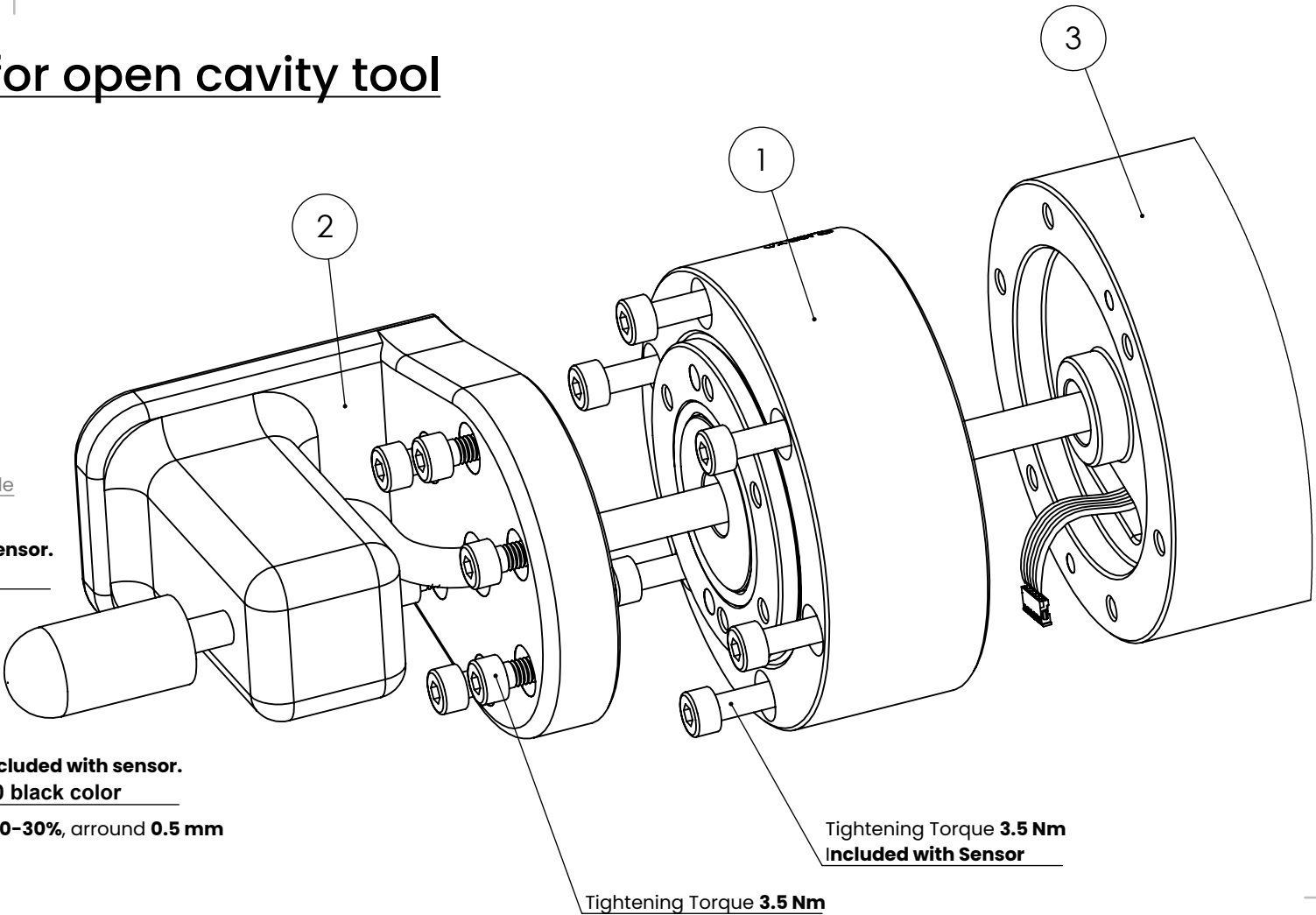
IMU Location from Mounting Frame	
X	14.87 mm
Y	10.00 mm
Z	6.29 mm

 Hagenholzstrasse 85, 8050, Zurich, Switzerland Email: info@botasys.com Website: www.botasys.com ©2022 BOTA Systems AG. All rights reserved.		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE Ra: 1.6 GENERAL TOLERANCES: DIN ISO 2768 (FH) BREAK SHARP EDGES		FINISH:			
		NAME	DATE	MODEL DESCRIPTION			
DRAWN		JC	31/03/2025 1/03/2025	PixONE T25 Product Drawing			
CHECKED				MODEL NUMBER	DRAWING NUMBER	MODEL REVISION	DRAWING REVISION
APPROVED				BFT-SH1-IND-BD BFT-SH1-CAT2-BD	BFT-SH1-IND-BD BFT-SH1-CAT2-BD	A	A
WEIGHT	236.00 grams	MATERIAL		SCALE: 1:1	PAGE: 1 / 2	A3	

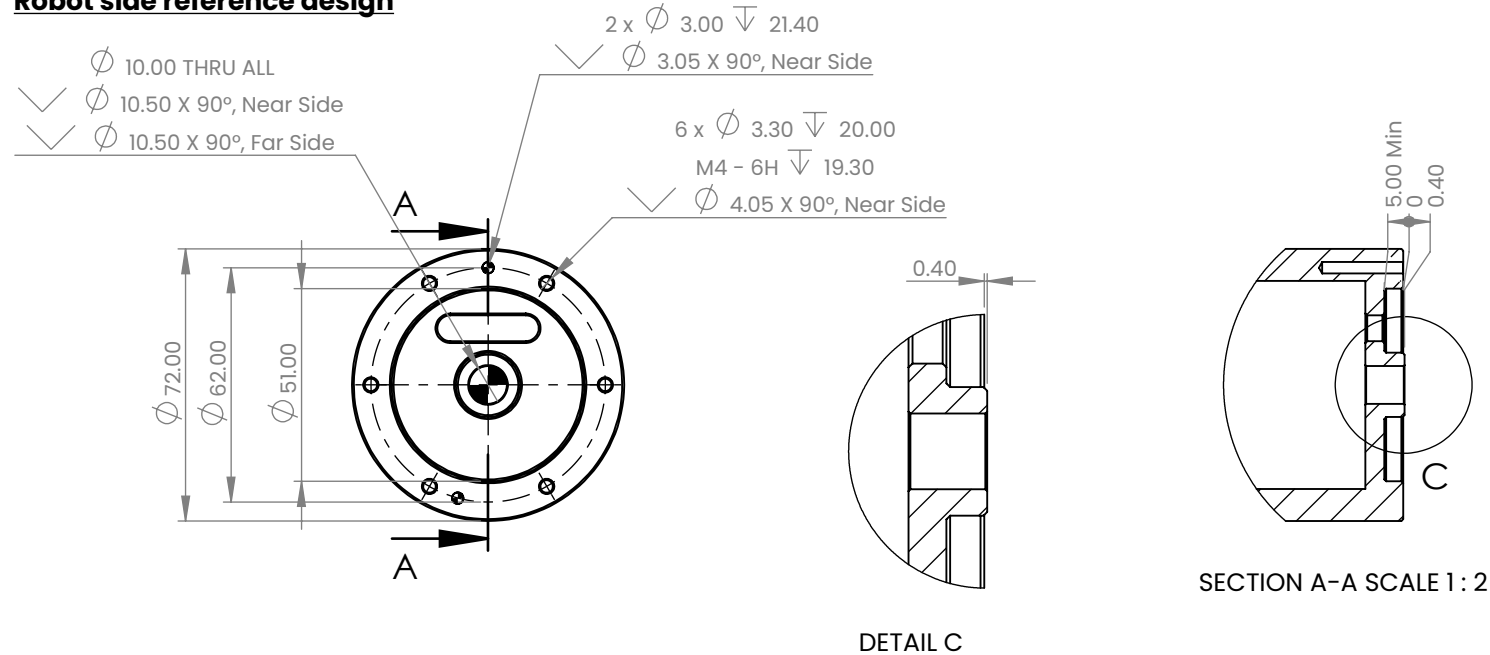
Tool side flange reference design



Example design for open cavity tool



Robot side reference design



ITEM NO.	PART NUMBER	DESCRIPTION				INCLUDED	QTY.	
1	BFT-SH1-XXX-BD	PixONE T25 6-axis F/T sensor				X	1	
2	PIX-REF-DESG-TOOL	Tool reference design					1	
3	PIX-REF-DESG-ROBOT	Robot reference design					1	
		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE Ra: 1.6 GENERAL TOLERANCES: DIN ISO 2768 (fH) BREAK SHARP EDGES			FINISH:			
			NAME	DATE	MODEL DESCRIPTION			
		DRAWN	JC	31/03/2025 1/03/2025	PixONE T25 Product Drawing			
Hagenholzstrasse 85, 8050, Zurich, Switzerland Email: info@botasys.com Website: www.botasys.com ©2022 BOTA Systems AG. All rights reserved.		CHECKED			MODEL NUMBER	DRAWING NUMBER	MODEL REVISION	DRAWING REVISION
		APPROVED			BFT-SH1-IND-BD BFT-SH1-CAT2-BD	BFT-SH1-IND-BD BFT-SH1-CAT2-BD	A	A
WEIGHT	236.00 grams	MATERIAL			SCALE: 1:1	PAGE: 2 / 2	A3	