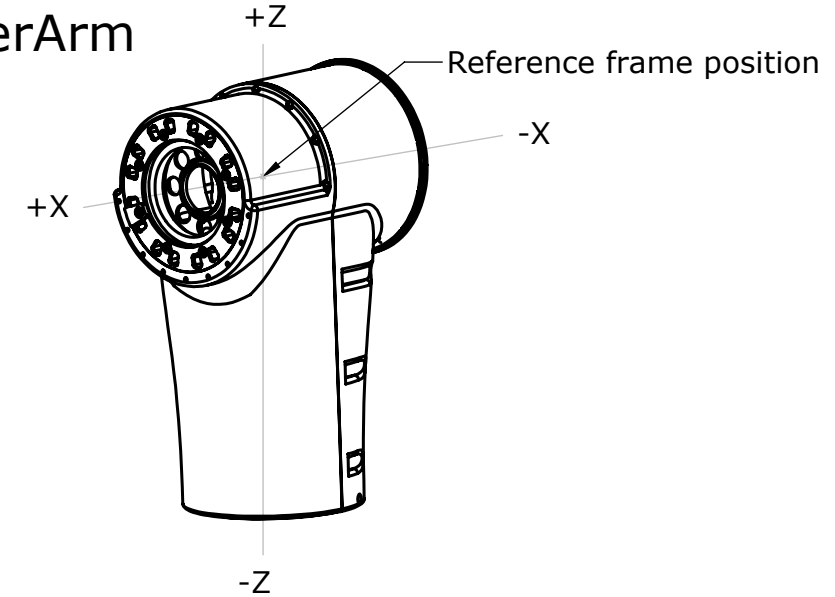


# Right TopUpperArm



Mass = 5.00486460 kilograms

[Right TopUpperArm]

Center of mass: ( meters ) with respect to reference frame

X = 0.00729315  
Y = 0.00002698  
Z = -0.07529696

Moments of inertia: ( kilograms \* square meters )

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 0.01644345 Lxy = -0.00001187 Lxz = -0.00010546  
Lyx = -0.00001187 Lyy = 0.01804804 Lyz = -0.00000565  
Lzx = -0.00010546 Lzy = -0.00000565 Lzz = 0.00802420

[Left TopUpperArm]

Center of mass: ( meters ) with respect to reference frame

X = 0.00729315  
Y = -0.00002698  
Z = -0.07529696

Moments of inertia: ( kilograms \* square meters )

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 0.01644345 Lxy = 0.00001187 Lxz = -0.00010546  
Lyx = 0.00001187 Lyy = 0.01804804 Lyz = 0.00000565  
Lzx = -0.00010546 Lzy = 0.00000565 Lzz = 0.00802420

Material:		Undim. Rounds		Undim. Chamfers	
Treatment:		R=		x 45°	
Tolerances according to UNI ISO 8015		General tolerances UNI EN 22768-1 / 22768-2		Metric threads ISO	
		Dimensional Tolerance class - m Geometric Tolerance class - K		Roughness	
		Nut screw 6H-screw 6g		1.6 ✓	
	Issued	Drawn	Checked	Approved	Mass Kg
	IIT	W. Choi	--	--	5.00
Description		Assembly name			
		Model Ref.	TopUpperArmAssemblyGazebo		Scale
		Assembly Ref.			Sheet
		Drawing code	TopUpperArmAssemblyGazebo		Date
				11/30/2014	