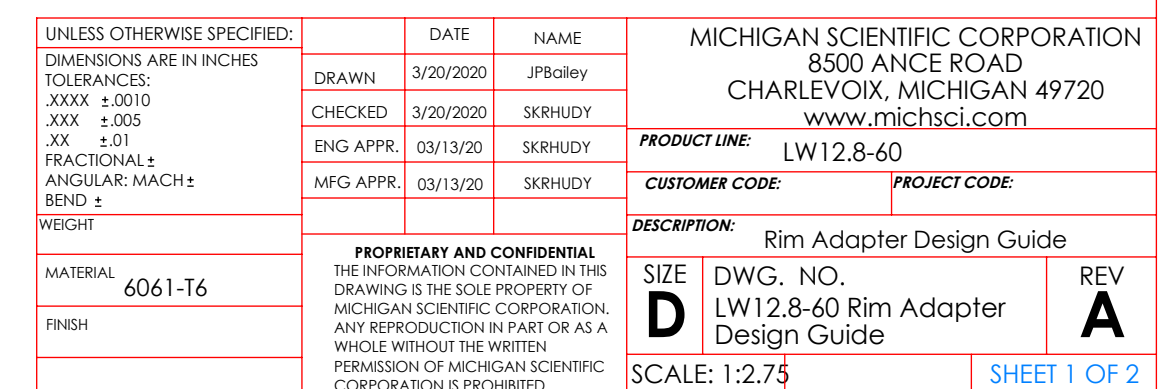


Black dimensions can be changed.



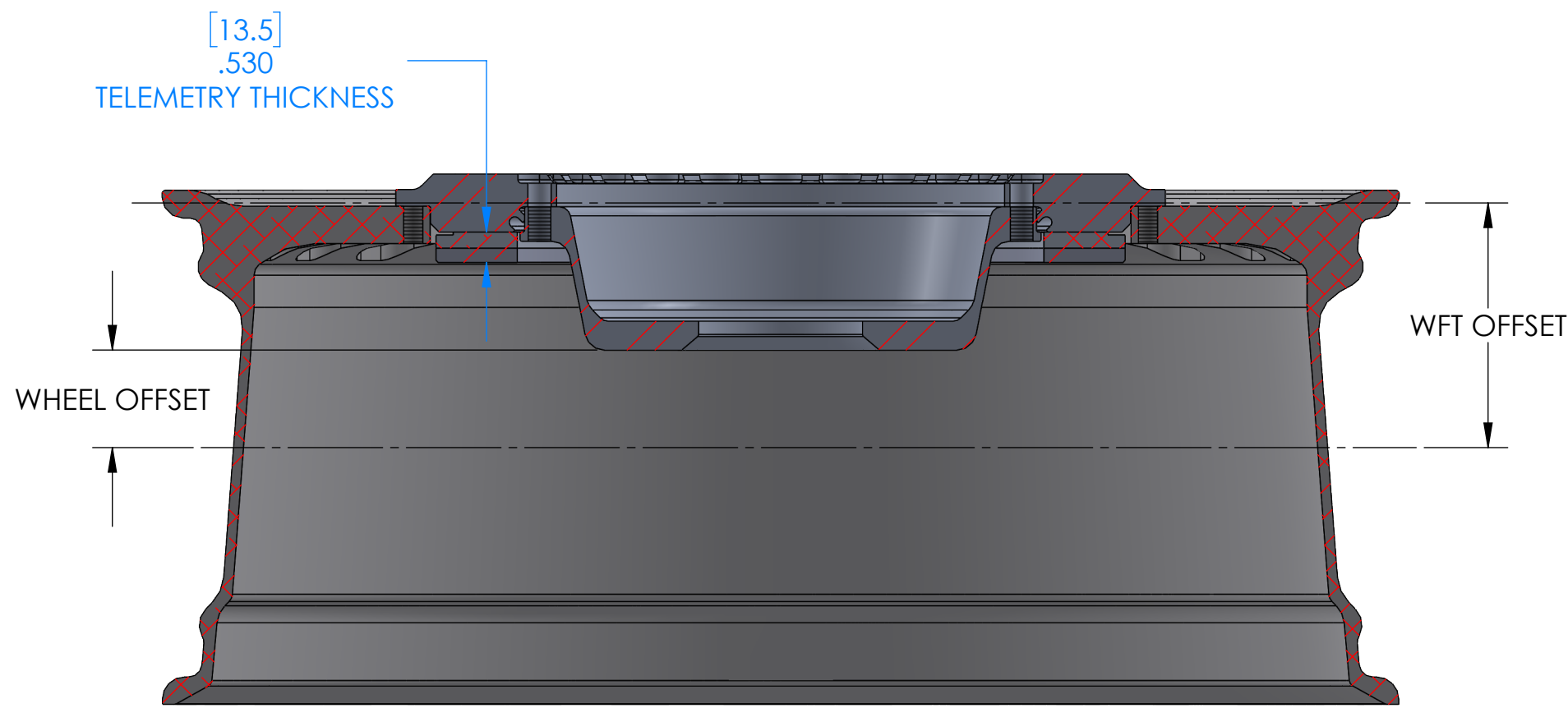
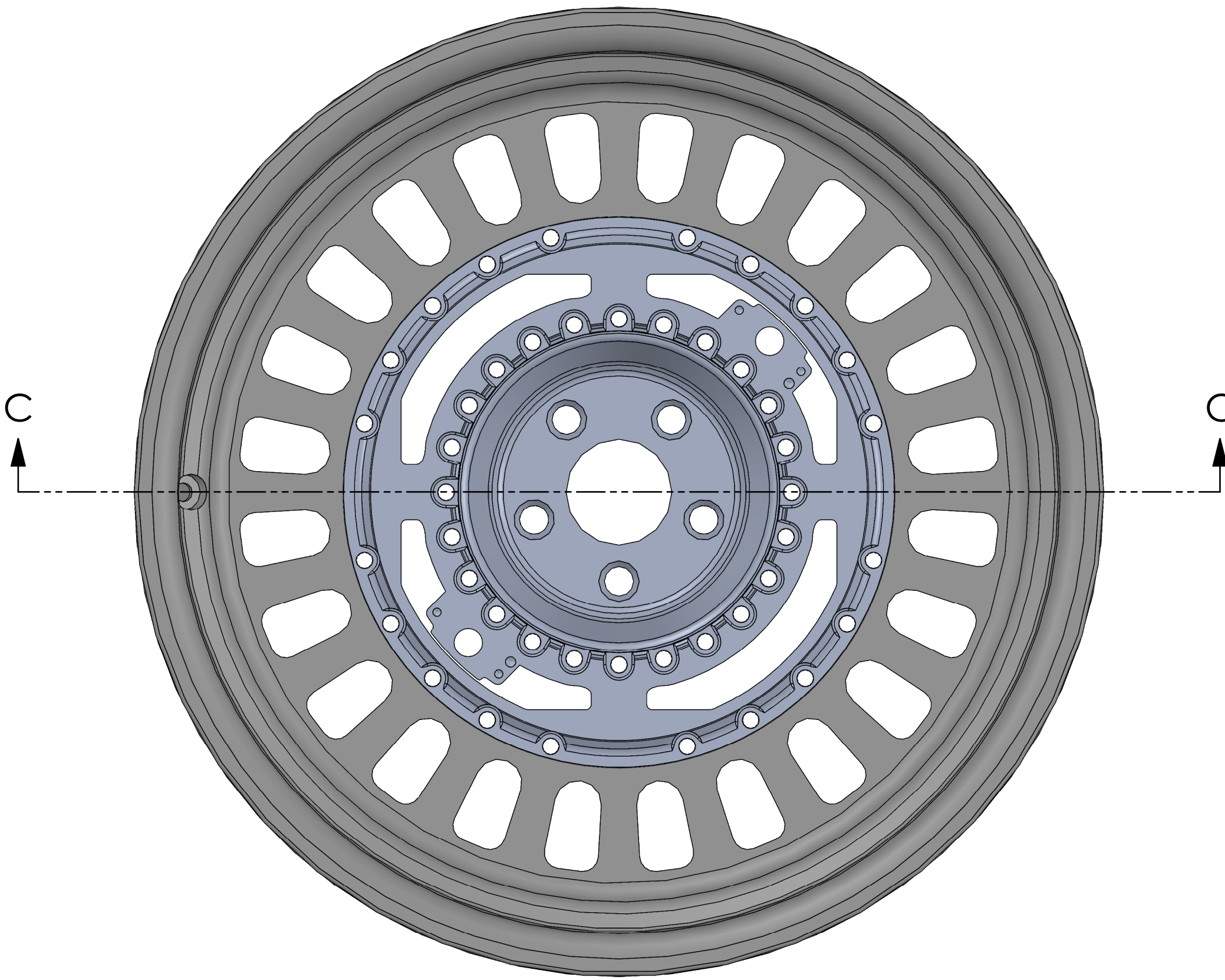
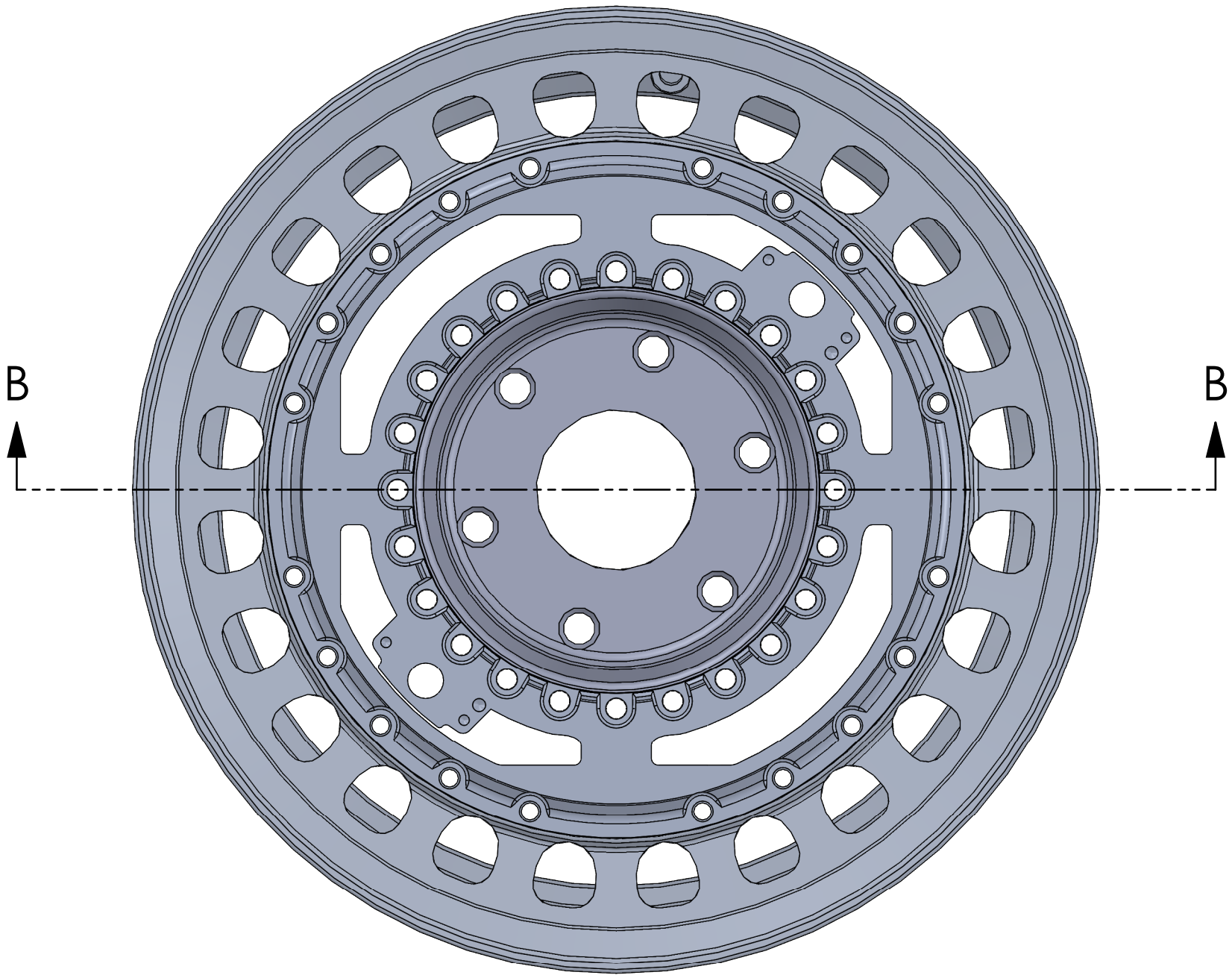
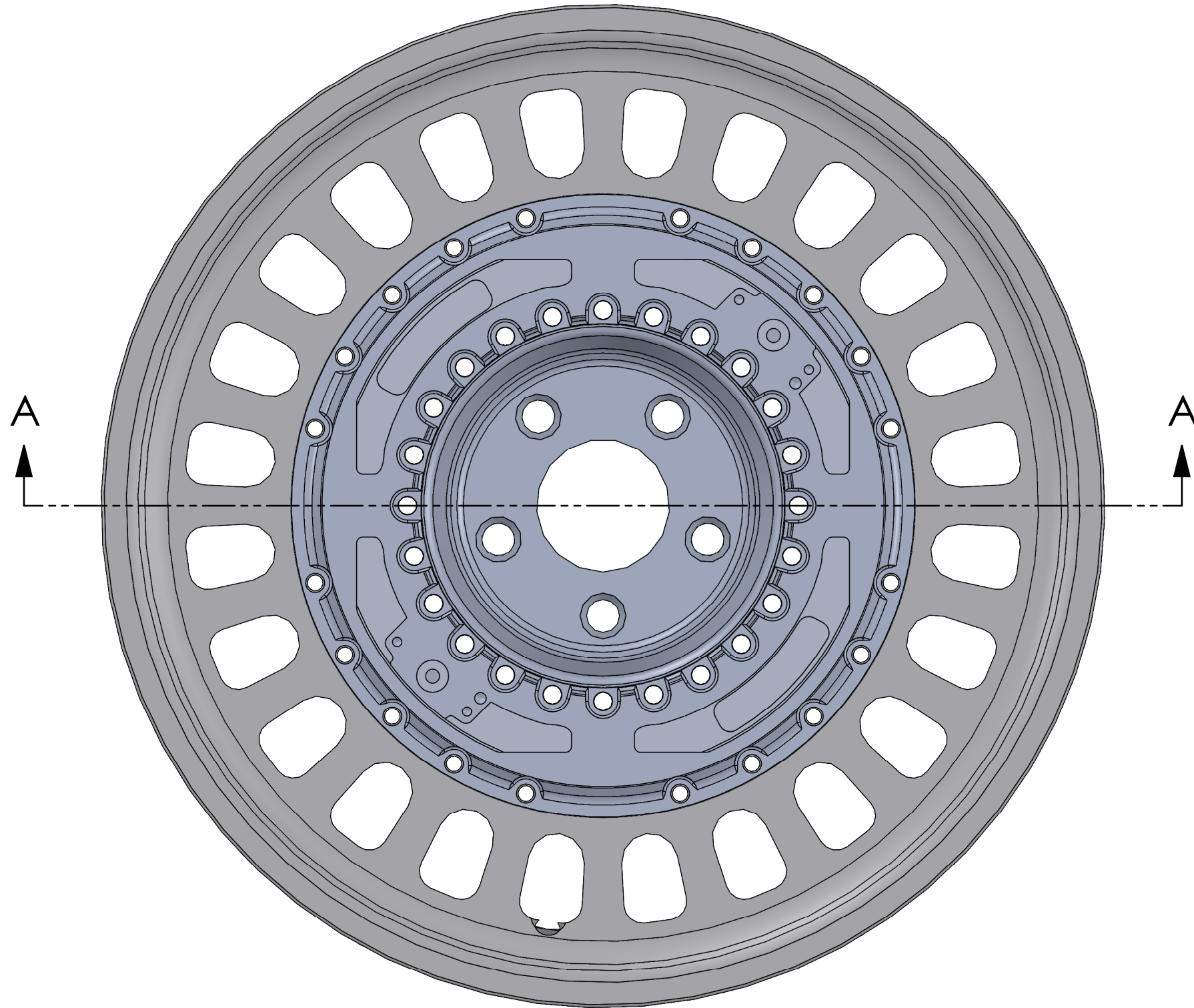
LW12.8-60 RIM ADAPTER GUIDELINES

ASSEMBLY VIEW

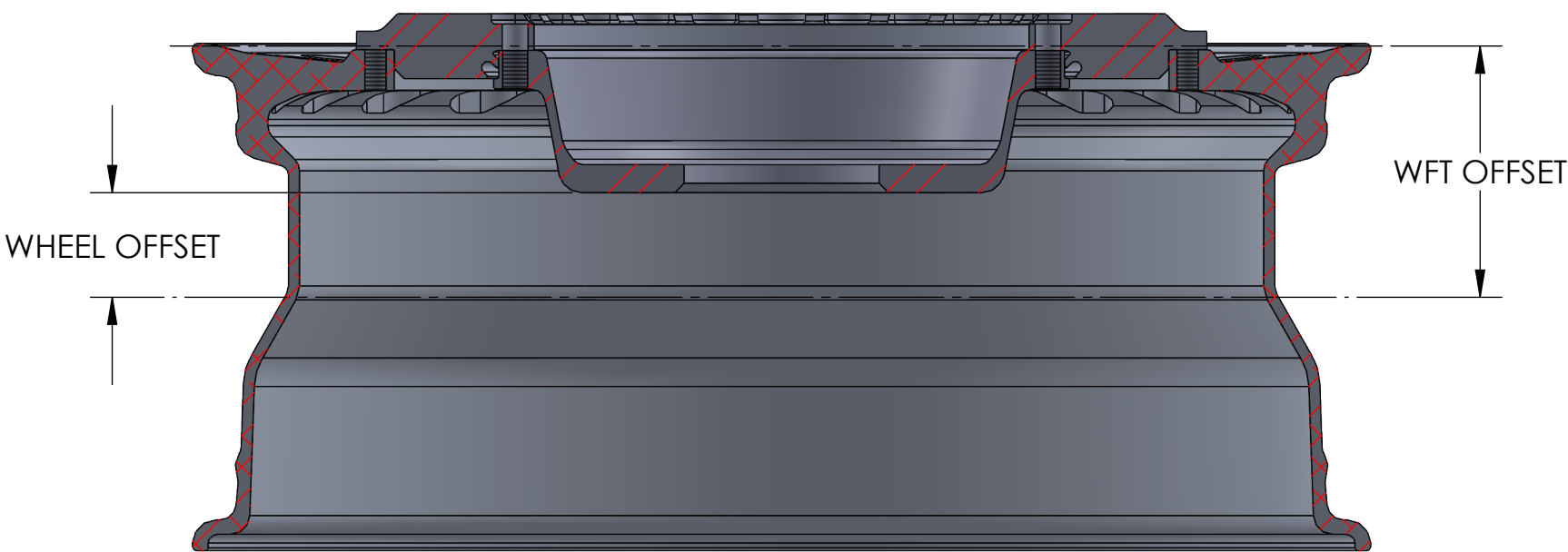
20x8 with Telemetry

17x7

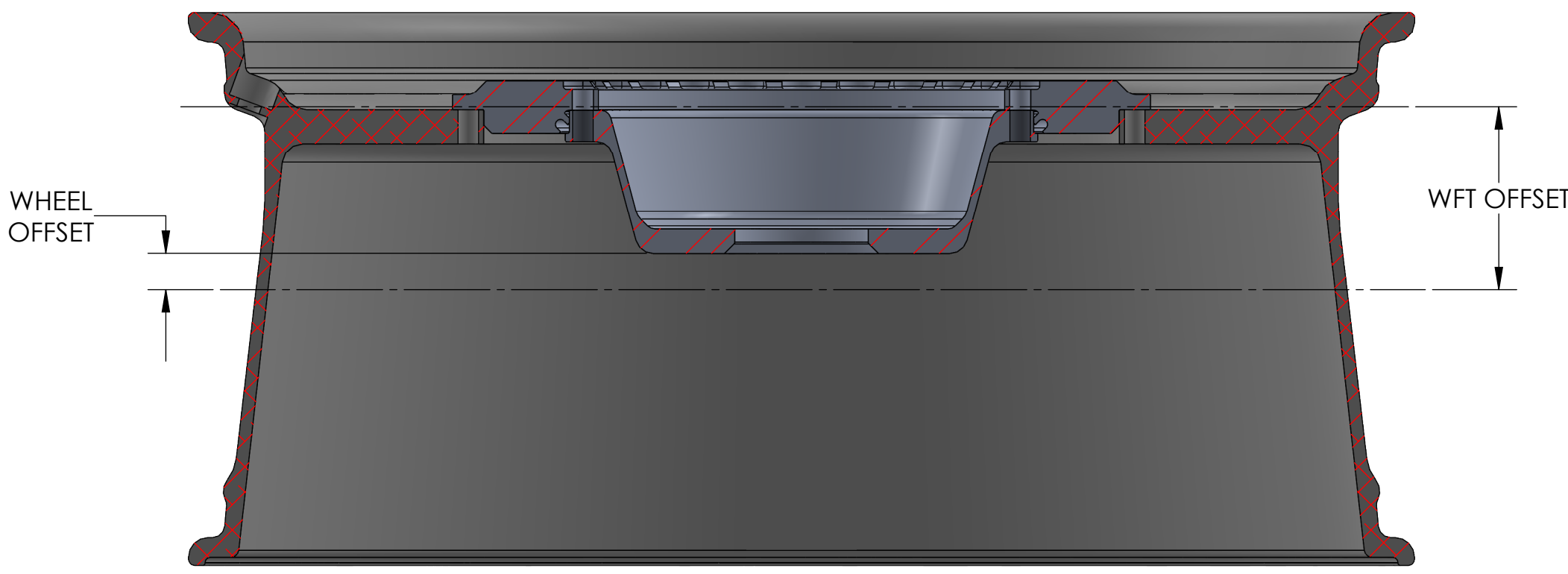
22x9.5



SECTION A-A



SECTION B-B



SECTION C-C

It is essential that the rim adapters match the recommended guidelines. This will ensure the system can withstand the rated loads and provide accurate results.

The WFT OFFSET is the distance from the centerline of the tire to the centerline of the transducer. The WFT OFFSET should be as small as possible to reduce the moment load on the WFT. The WFT and adapters need at least 0.15 in (3.8 mm) of clearance to the brake and suspension components to prevent interference. See the drawing for additional clearance required for telemetry WFT systems.

3D models and 2D drawings of the LW12.8-60 are available for download on MSC's website. (michsci.com)

Note: Blue dimensions are CRITICAL and CANNOT be changed.
Black dimensions can be changed.

MSC verifies all rim and hub adapter assemblies using FEA to simulate the SAE J328 wheel durability standard. This should be done with all adapters to verify the load ratings and fatigue life of the adapters. A LW12.8-60 transducer has a SAE J328 static load rating of 1225 kg. This should not be exceeded. MSC can check your adapter design at no cost. Contact MSC online at michsci.com/contact-us or via phone at 1-231-547-5511.

Details and specifications provided in this document are purely for informational purposes and are subject to alterations. No liability is accepted for errors or omissions.
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UNLESS OTHERWISE SPECIFIED:		DATE		MICHIGAN SCIENTIFIC CORPORATION	
DIMENSIONS ARE IN INCHES		3/20/2020		8500 ANCE ROAD	
TOLERANCES:		DRAWN JPB/ghy		CHARLEVOIX, MICHIGAN 49720	
XXXX ±.0010		CHECKED 3/20/2020		www.michsci.com	
XXXX ±.005		ENG APPR 03/13/20		PRODUCT LINE	
XX ±.01		MFG APPR 03/13/20		LW12.8-60	
FRACTIONAL ±				CUSTOMER CODE	
ANGULAR: MATCH				PROJECT CODE	
BEND ±				DESCRIPTION	
WEIGHT				Rim Adapter Design Guide	
MATERIAL		PROPRIETARY AND CONFIDENTIAL			
FINISH		THE INFORMATION CONTAINED IN THIS			
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		PERMISSION OF MICHIGAN SCIENTIFIC			
		CORPORATION IS PROHIBITED.			
		SIZE		DWG. NO.	
		D		LW12.8-60 Rim Adapter	
				Design Guide	
		SCALE: 1:2.75		REV	
				A	
				SHEET 2 OF 2	