

NOMINAL MAIN SIZE	PIPE OD RANGE	SADDLE TYPE (BR1S)	THREAD TYPE	AVAILABLE TAP DIAMETERS		
				.50"	.75"	1"
4"	4.74"-5.32"	BR1S0474	CC OR IP	050	075	100
6"	6.84"-7.45"	BR1S0684	CC OR IP	050	075	100
8"	8.99"-9.67"	BR1S0899	CC OR IP	050	075	100
10"	11.04"-12.12"	BR1S1104	CC OR IP	050	075	100
12"	13.14"-14.58"	BR1S1314	CC OR IP	050	075	100

TO DETERMINE PART NUMBER
CONCATENATE THE FOLLOWING STRING WITH NO SPACES OR COMMAS:

SADDLE TYPE, THREAD TYPE, TAP DIA, AND OPTION CODES

EXAMPLES:
BR1S0474CC100
BR1S0899IP075
BR1S0899CC050FN
BR1S0905ODC900

OPTION CODES SHOULD BE USED IN ORDER SHOWN IN CHART.
EXAMPLE: BR1SxxxxODC900FN

IP STANDS FOR AWWA IP THREAD (FIPT)
CC STANDS FOR AWWA TAPER THREAD (CC)

—: DESIGNATES THAT SIZE/APPLICATION IS NOT AVAILABLE.

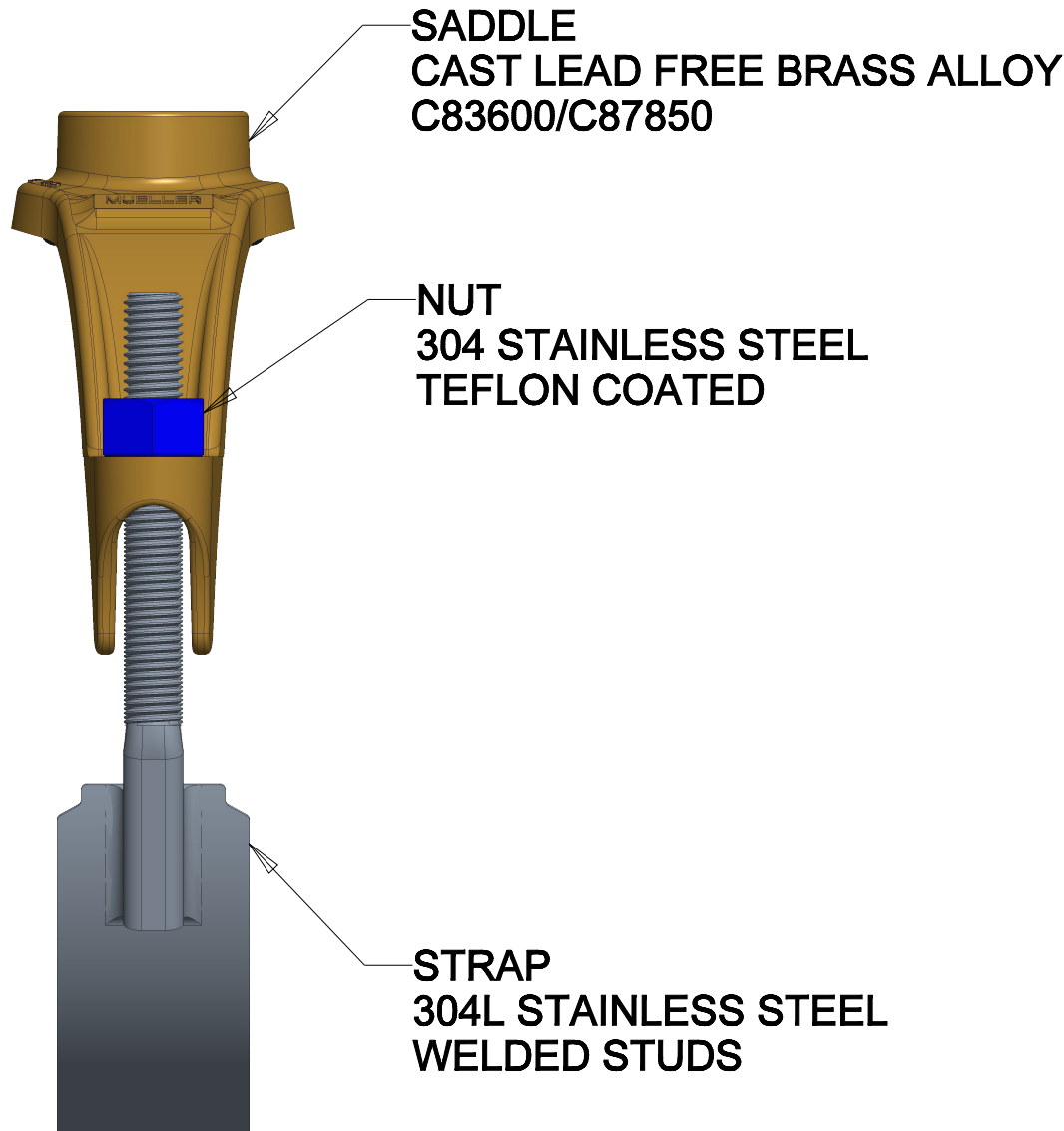
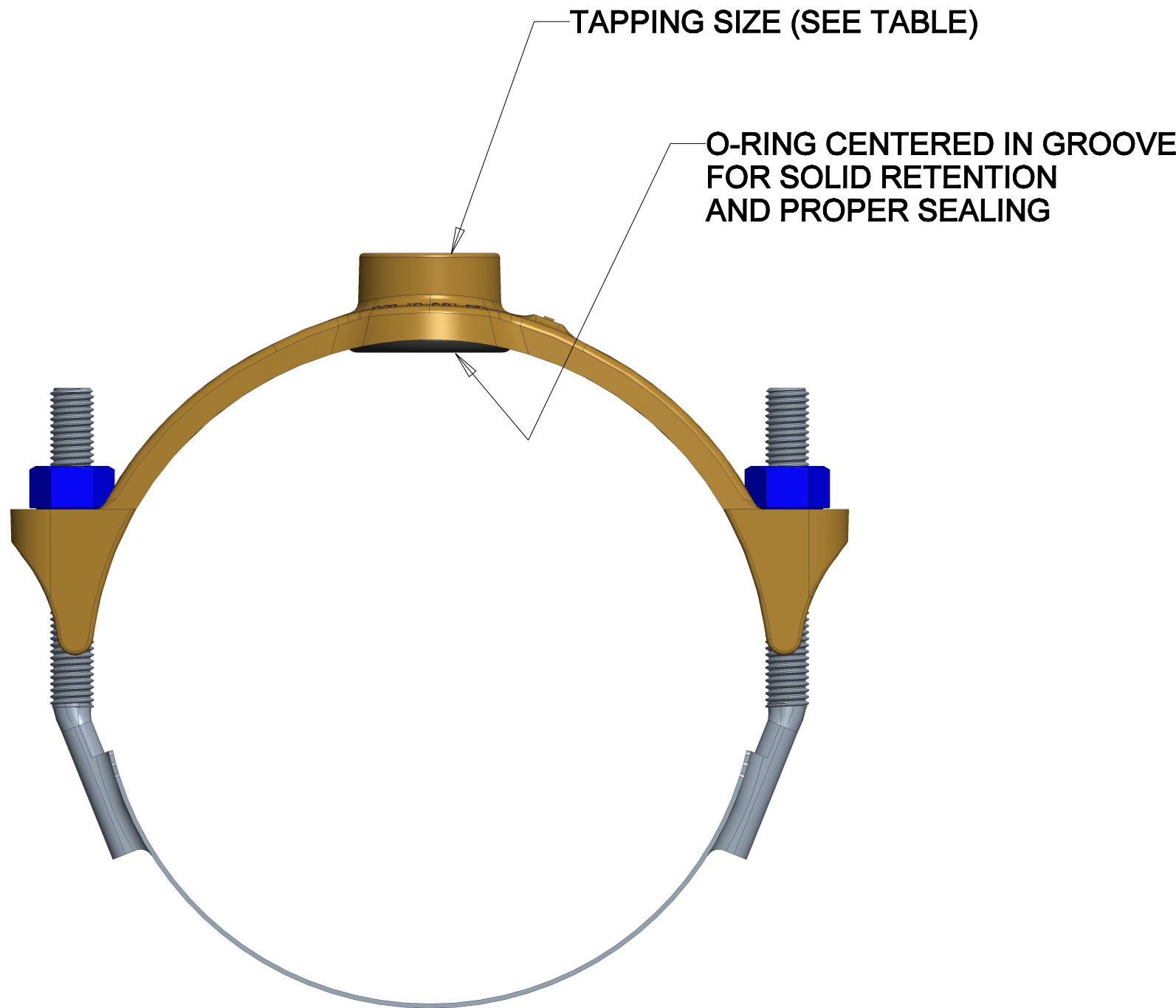
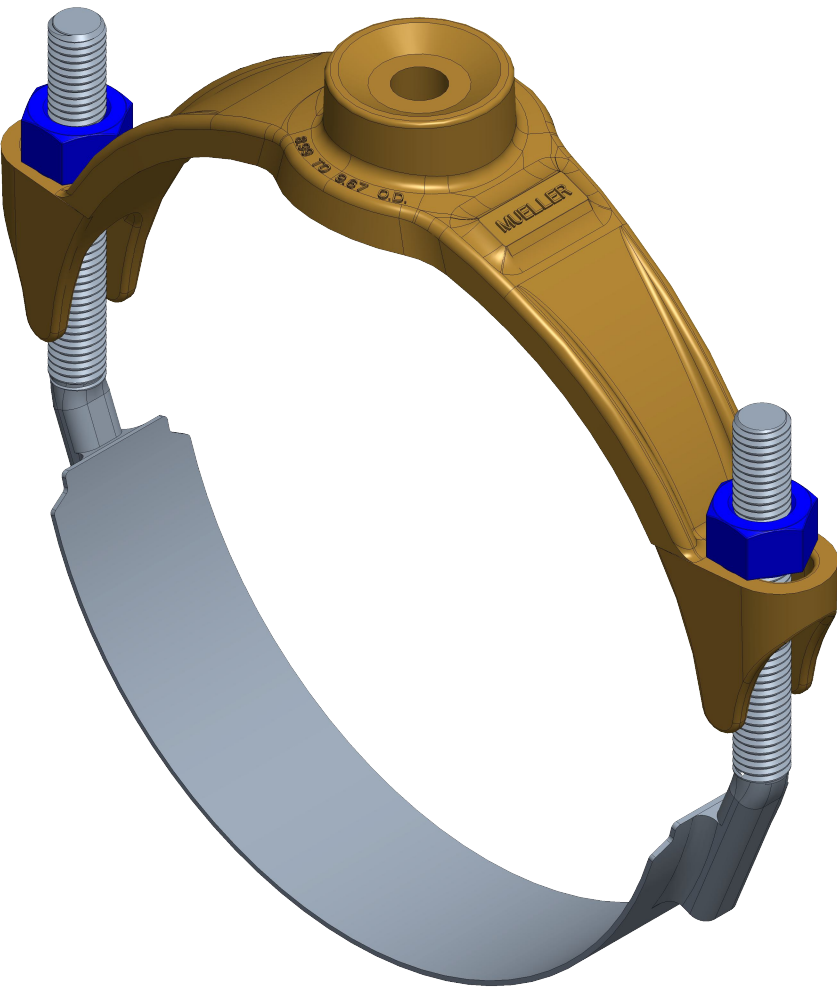
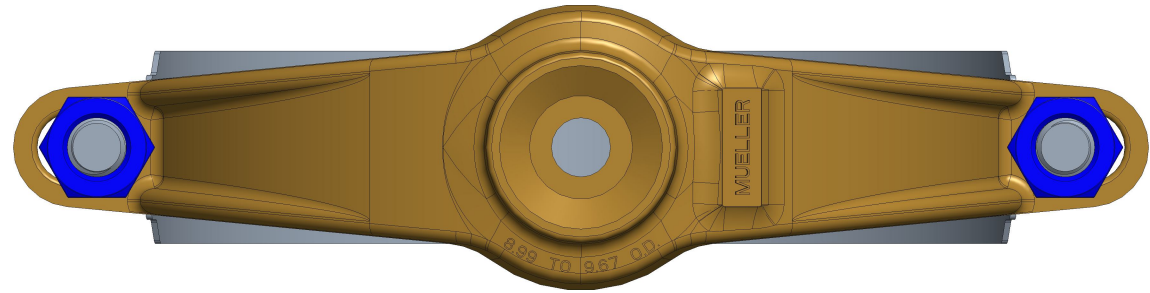
DEFAULT O-RING MATERIAL IS NBR.

ALL ASSEMBLIES NSF-61 CERTIFIED.

ALL ASSEMBLIES HAVE 200 PSI PRESSURE RATING.

OPTION CODE	OPTION CODE LIST	
	DESCRIPTION	
OD	SADDLE IS PRE-FORMED TO SPECIFIED PIPE OD. OD MUST BE SPECIFIED USING 4-DIGIT SIZE CODE.	
ODC900	SADDLE IS PRE-FORMED TO SPECIFIED PIPE OD. "C900" STAMPED ON SADDLE BODY. OD MUST BE SPECIFIED USING 4-DIGIT SIZE CODE. AVAILABLE SIZES: 4" - 0480 6" - 0690 8" - 0905 10" - 1110 12" - 1320	
FN	BRASS FLANGE NUT ILO STAINLESS STEEL NUT. CANNOT BE COMBINED WITH -A OPTION CODE. SEE IMAGE BELOW.	
-A	DOMESTICALLY-SOURCED HARDWARE. WILL HAVE GREEN-COATED NUTS ILO BLUE. SEE IMAGE BELOW. *ONLY AVAILABLE ON SPECIFIC SIZES*	

REVISIONS					
REV	ECR	DESCRIPTION	DRAWN BY	DATE	APPROVED
A		RELEASED	ETB	06/03/2026	
B		ADDED FORGED FLANGE NUT INFORMATION. ADDED -A OPTION CODE INFORMATION. CREATED OPTION CODE LIST. ADDED INFORMATION AROUND OD FORMING TO OPTION CODE LIST.	ETB	08/28/2026	



	CURRENT DESIGN	UPDATED DESIGN
SMALL BOSS SADDLE TAPS 0.50"-1.00"		

FLANGE NUT OPTION	-A OPTION
 "FN" OPTION FLANGE NUT CAST BRASS ALLOY 83600 / FORGED BRASS ALLOY C69300	 -A OPTION 304 STAINLESS STEEL TEFLON COATED - GREEN DOMESTICALLY SOURCED

TITLE TO AND OWNERSHIP OF THIS
ENGINEERING DATA REMAINS IN Mueller Co.
ASSENT ON THE PART OF THE RECIPIENT TO
THESE CONDITIONS IS PRESUMED.

INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5 2018 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CASTING TOLERANCES: N/A	NAME	DATE			
	DRAWN BY	ETB			Aug-27-24
	D.E. APPR.				
	M.E. APPR.				
	Q.A. APPR.				
DO NOT SCALE DRAWING			TITLE: 4"-12" BR-STYLE SERVICE SADDLE BRONZE SERVICE SADDLE WITH SINGLE STAINLESS STEEL STRAP		
 CRITICAL () = REFERENCE			SIZE	DWG. NUMBER	REV
MATERIAL: SEE PRINT			D	SUBMITTAL_BR1S	B
STK NUMBER:	REF.NO.	SCALE: 0.500		WIT:	SHEET 1 OF 1