

NOMINAL MAIN SIZE	PIPE OD RANGE	SADDLE TYPE (BR2S)	THREAD TYPE	AVAILABLE TAP DIAMETERS					
				.50"	.75"	1"	1.25	1.5"	2"
4"	4.74"-5.32"	BR2S0474	CC OR IP	050	075	100	---	---	---
	4.74"-5.10"	BR2S0474	CC OR IP	---	---	---	125	125	125
	5.10"-5.40"	BR2S0510	CC OR IP	---	---	---	125	150	200
6"	6.84"-7.45"	BR2S0684	CC OR IP	050	075	100	125	150	200
8"	8.99"-9.67"	BR2S0899	CC OR IP	050	075	100	125	150	200
10"	11.04"-12.12"	BR2S1104	CC OR IP	050	075	100	125	150	200
12"	13.14"-14.58"	BR2S1314	CC OR IP	050	075	100	125	150	200
14"	15.22"-16.88"	BR2S1522	CC OR IP	050	075	100	125	150	200
16"	17.32"-19.19"	BR2S1732	CC OR IP	050	075	100	125	150	200

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

TYPE, THREAD TYPE, TAP DIA, AND OPTIONS

EXAMPLES:
BR2S0474CC100
BR2S0899IP200FN
BR2S0899CC150FNEP

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

1.25" ONLY AVAILABLE IN AWWA IP THREAD.

---: DESIGNATES THAT SIZE/APPLICATION IS NOT AVAILABLE.

ADD "FN" TO END OF PART NUMBER FOR BRASS FLANGE NUT OPTION. SEE IMAGE BELOW. (C)

DEFAULT O-RING MATERIAL IS NBR. (B)

ADD "EP" TO END OF PART NUMBER FOR EPDM O-RING. AVAILABLE ON 4"-12" SADDLES. (B)

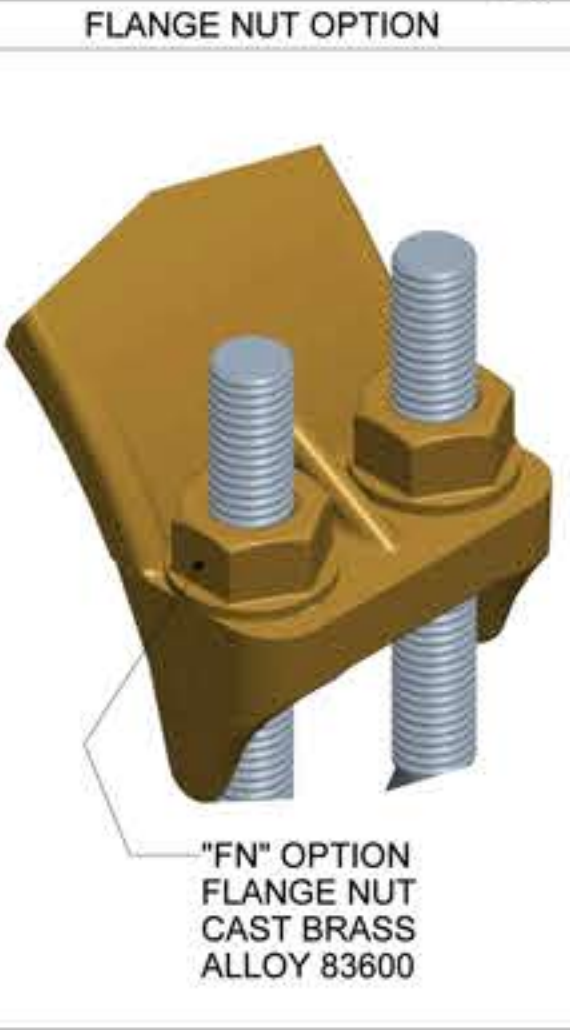
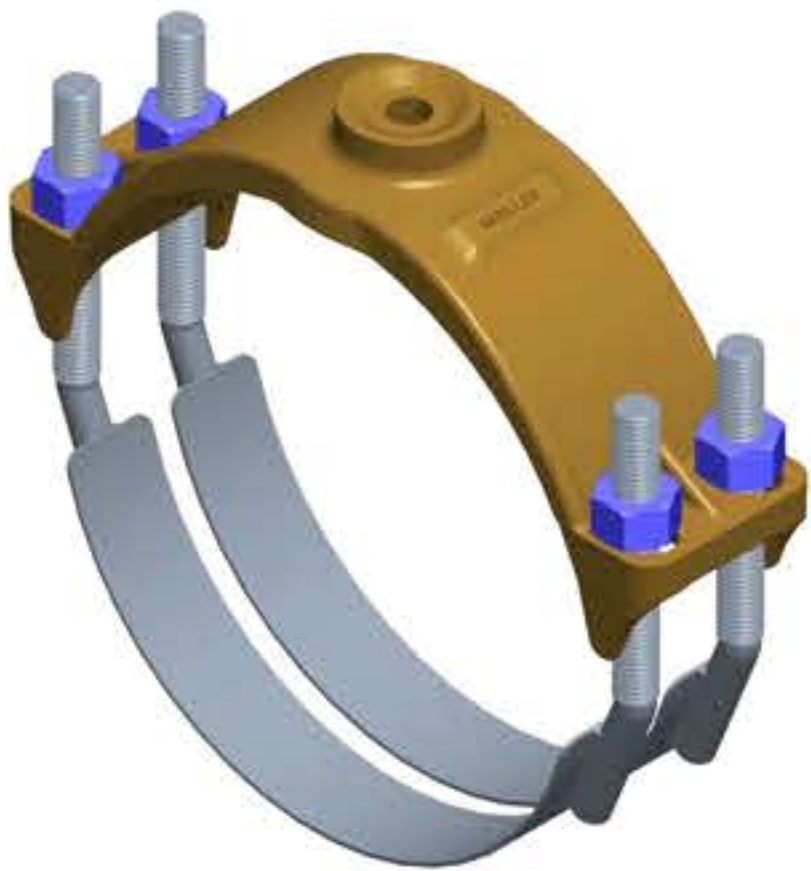
ALL ASSEMBLIES NSF-61 CERTIFIED.

ALL ASSEMBLIES HAVE 200 PSI PRESSURE RATING. (D)

REVISIONS					
REV	ECR	DESCRIPTION	DRAWN BY	DATE	APPROVED
B		DRAWING RE-MADE ADDED 87850 MATERIAL NOTES ADDED ADDITIONAL NOTE FOR NITRILE VS EPDM O-RING OPTION CLARIFIED RANGE FOR EPDM OPTION ADDED EPDM STAMP LOCATION NOTE	ETB	08/27/2024	
C		UPDATED DRAWING NAME TO SUBMITTAL_BR2S REMOVED 18" JN" RANGE (COVERED IN A DIFFERENT SUBMITTAL) ADDED EXTRA VIEWS FOR LARGE BOSS ADDED CLARIFICATION FOR DIFFERENCES IN CURRENT AND UPDATED DESIGNS REMOVED TOLERANCES FROM TITLE BLOCK ADDED VIEW TO SHOW "FN" OPTION CODE	ETB	03/04/2025	
D		ADDED PRESSURE RATING	ETB	07/09/2025	

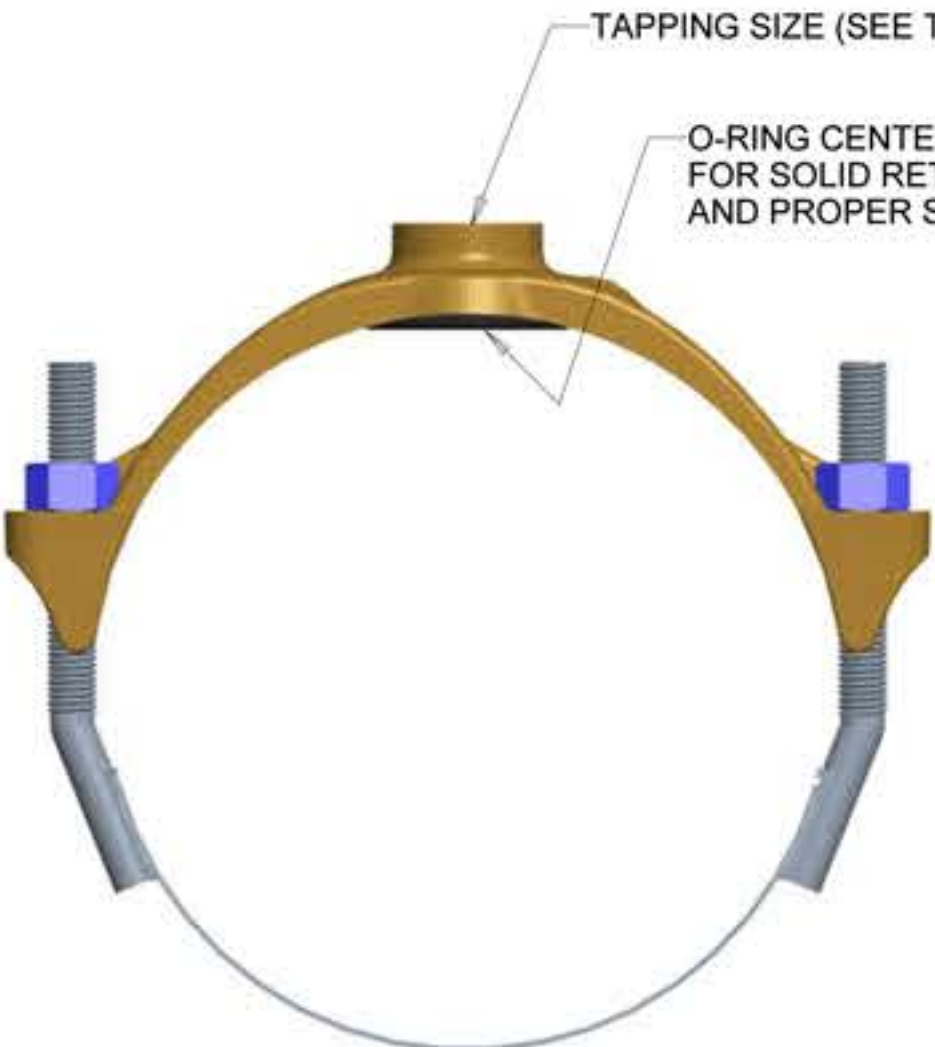


(B) "EPDM STAMP LOCATION
FOR "EP" OPTION CODE



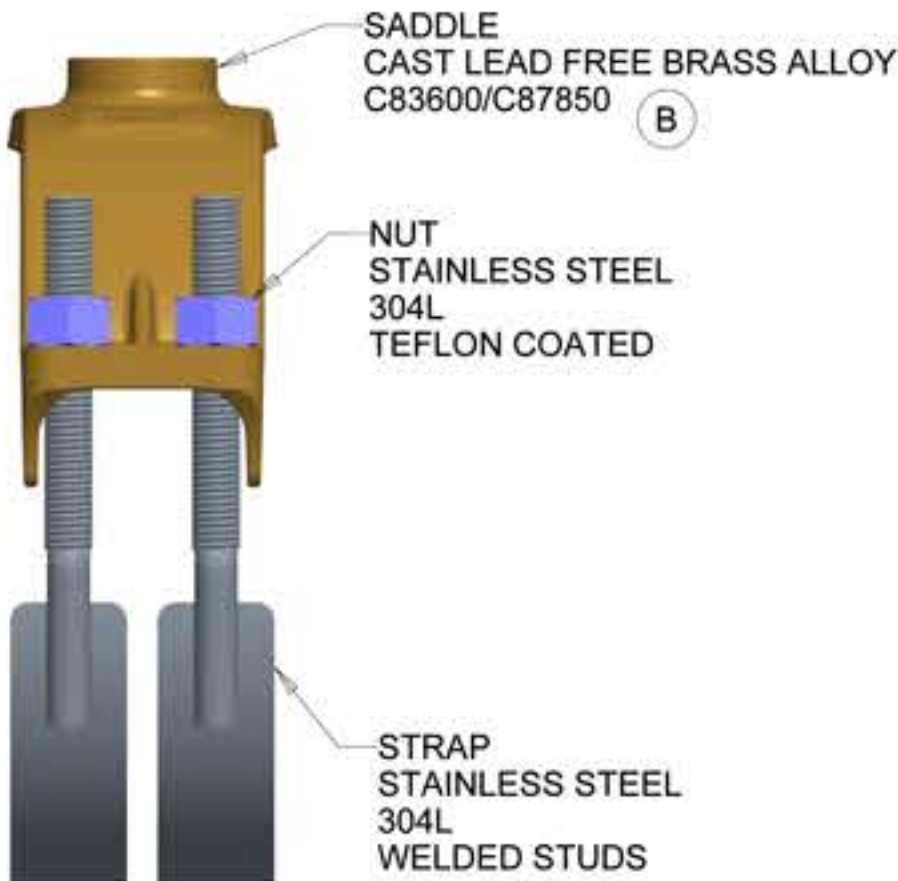
FLANGE NUT OPTION

"FN" OPTION
FLANGE NUT
CAST BRASS
ALLOY 83600



TAPPING SIZE (SEE TABLE)

O-RING CENTERED IN GROOVE
FOR SOLID RETENTION
AND PROPER SEALING



SADDLE
CAST LEAD FREE BRASS ALLOY
C83600/C87850 (B)

NUT
STAINLESS STEEL
304L
TEFLON COATED

STRAP
STAINLESS STEEL
304L
WELDED STUDS



SMALL BOSS SADDLE
TAPS 0.50"-1.00"

LARGE BOSS SADDLE
TAPS 1.25"-2.00"

INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5 2019		NAME	DATE	THIRD-ANGLE PROJECTION		MUELLER	
DRAWN BY	ETB	Aug-27-24					
D.E. APPR.							
M.E. APPR.							
Q.A. APPR.							
DO NOT SCALE DRAWING				TITLE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DASTING TOLERANCES				(C) 4"-16" BR-STYLE SERVICE SADDLE BRONZE SERVICE SADDLE WITH DOUBLE BRONZE STRAPS			
MATERIAL: SEE PRINT				SIZE			
STK NUMBER:				D (C) SUBMITTAL_BR2S			
REF NO:				SCALE: 0.500			
				WT:			
				SHEET 1 OF 1			