

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 LIST					
OPTION CODE	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	

SMALL BOSS SADDLE
TAPS 0.50"-1.00"

FLANGE NUT OPTION

-A OPTION

TAPPING SIZE (SEE TABLE)

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

SADDLE
CAST LEAD FREE BRASS ALLOY
C83600/C87850

NUT
304 STAINLESS STEEL
TEFLON COATED

STRAP
304L STAINLESS STEEL
WELDED STUDS

"FN" OPTION FLANGE NUT
CAST BRASS ALLOY 83600 /
FORGED BRASS ALLOY C69300

-A OPTION
304 STAINLESS STEEL
TEFLON COATED - GREEN
DOMESTICALLY SOURCED

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

CRITICAL () = REFERENCE

TITLE:
4"-12" BR-STYLE SERVICE SADDLE
BRONZE SERVICE SADDLE
WITH SINGLE STAINLESS STEEL STRAP

SIZE
D

DWG. NUMBER
SUBMITTAL_BR1S

REV
B

SCALE: 0.500

WT:

SHEET 1 OF 1

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

MATERIAL: SEE PRINT

STK NUMBER:

REF NO.