



LEAD FREE BRASS

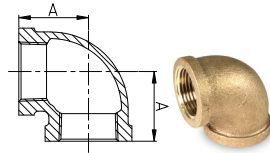


Standard Specifications

- **Material:** Conforms to ASTM B 584; ASTM B 824
- **Dimensions:** Conforms to ANSI B 16.15, ANSI B 16.18, DIN 2856
- **Flanges Dimensions:** Conforms to ANSI B 16.24, MSS SP-106
DIN 2566, DIN 2642, DIN 86033
- **Union Dimensions:** Conforms to WW-U-516-B
- **Threads:** Conforms to ANSI / ASME B 1.20.1, BS 21, DIN 2999,
ISO 228/1, ISO 7/1, JIS B 0202, JIS B 0203
- **Class:** 125 P.S.I
- **Tensile Strength:** 20.0 kg/mm. (Minimum)
- **Elongation:** 20% Minimum
- **Available:** 1/8” through 4”
- **Approvals:** UL & FM approved

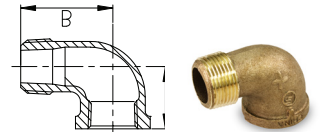


90° Elbow



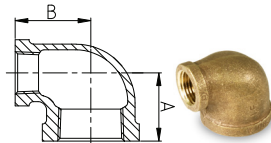
Part #	Size	A
BRNL0018-NL	1/8"	14
BRNL0014-NL	1/4"	18
BRNL0038-NL	3/8"	21
BRNL0012-NL	1/2"	26
BRNL0034-NL	3/4"	30
BRNL0100-NL	1"	36
BRNL0114-NL	1-1/4"	43
BRNL0112-NL	1-1/2"	47
BRNL0200-NL	2"	54
BRNL0212-NL	2-1/2"	69
BRNL0300-NL	3"	78
BRNL0400-NL	4"	96

90° Street Elbow



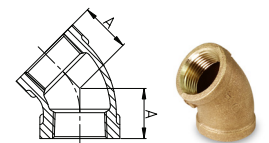
Part #	Size	A	B
BRSN0018-NL	1/8"	14	23
BRSN0014-NL	1/4"	18	28
BRSN0038-NL	3/8"	21	31
BRSN0012-NL	1/2"	26	38
BRSN0034-NL	3/4"	30	42
BRSN0100-NL	1"	36	50
BRSN0114-NL	1-1/4"	43	57
BRSN0112-NL	1-1/2"	47	62
BRSN0200-NL	2"	54	73
BRSN0212-NL	2-1/2"	68.6	98
BRSN0300-NL	3"	78.2	113
BRSN0400-NL	4"	96.3	144.5

90° Reducing Elbow



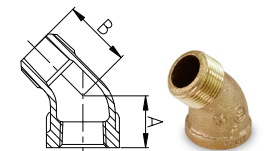
Part #	Size	A	B
BRRL0381-NL	3/8" x 1/4"	19	20
BRRL0121-NL	1/2" x 1/4"	24.6	24.9
BRRL0122-NL	1/2" x 3/8"	24	23
BRRL0341-NL	3/4" x 1/4"	26.7	27.4
BRRL0342-NL	3/4" x 3/8"	28.5	28.7
BRRL0343-NL	3/4" x 1/2"	27	28
BRRL1001-NL	1" x 1/4"	25.5	29.5
BRRL1002-NL	1" x 3/8"	30	32.3
BRRL1003-NL	1" x 1/2"	30	31
BRRL1004-NL	1" x 3/4"	33	33
BRRL1141-NL	1-1/4" x 1/2"	34	38.9
BRRL1142-NL	1-1/4" x 3/4"	35	38
BRRL1143-NL	1-1/4" x 1"	39	41
BRRL1121-NL	1-1/2" x 1/2"	32	38
BRRL1122-NL	1-1/2" x 3/4"	38.6	44.5
BRRL1123-NL	1-1/2" x 1"	39	44
BRRL1124-NL	1-1/2" x 1-1/4"	44	46
BRRL2002-NL	2" x 1"	43.9	51.3
BRRL2003-NL	2" x 1-1/4"	48.3	53.3
BRRL2004-NL	2" x 1-1/2"	48	53
BRRL2121-NL	2-1/2" x 1-1/2"	54.9	63.8
BRRL2122-NL	2-1/2" x 2"	61	66
BRRL3000-NL	3" x 2"	64	73.4

45° Elbow



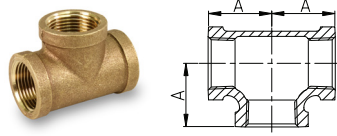
Part #	Size	A
BRFL0018-NL	1/8"	11
BRFL0014-NL	1/4"	14
BRFL0038-NL	3/8"	16
BRFL0012-NL	1/2"	20
BRFL0034-NL	3/4"	23
BRFL0100-NL	1"	27
BRFL0114-NL	1-1/4"	32
BRFL0112-NL	1-1/2"	40
BRFL0200-NL	2"	50
BRFL0212-NL	2-1/2"	65
BRFL0300-NL	3"	80
BRFL0400-NL	4"	100

45° Street Elbow



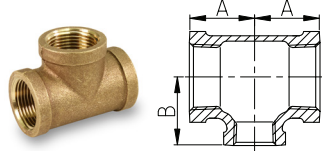
Part #	Size	A	B
BRSF0018-NL	1/8"	11	20
BRSF0014-NL	1/4"	14	22
BRSF0038-NL	3/8"	16	23
BRSF0012-NL	1/2"	20	27
BRSF0034-NL	3/4"	23	31
BRSF0100-NL	1"	27	36
BRSF0114-NL	1-1/4"	31	42
BRSF0112-NL	1-1/2"	33	46
BRSF0200-NL	2"	37	54
BRSF0212-NL	2-1/2"	-	-
BRSF0300-NL	3"	-	-
BRSF0400-NL	4"	-	-

Tee



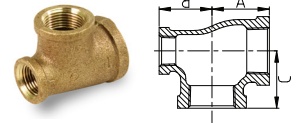
Part #	Size	A
BRTE0018-NL	1/8"	14
BRTE0014-NL	1/4"	18
BRTE0038-NL	3/8"	21
BRTE0012-NL	1/2"	26
BRTE0034-NL	3/4"	30
BRTE0100-NL	1"	36
BRTE0114-NL	1-1/4"	43
BRTE0112-NL	1-1/2"	47
BRTE0200-NL	2"	54
BRTE0212-NL	2-1/2"	69
BRTE0300-NL	3"	78
BRTE0400-NL	4"	96

Reducing Tee



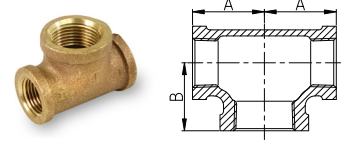
Part #	Size	A	B
BRRT0120-NL	1/2" x 1/4"	22	22
BRRT0122-NL	1/2" x 3/8"	24	23
BRRT0340-NL	3/4" x 1/4"	26.7	27.4
BRRT0341-NL	3/4" x 3/8"	25	25
BRRT0342-NL	3/4" x 1/2"	27	28
BRRT1000-NL	1" x 1/4"	28.2	31.0
BRRT1001-NL	1" x 3/8"	28	29
BRRT1002-NL	1" x 1/2"	30	31
BRRT1006-NL	1" x 3/4"	33	33
BRRT1141-NL	1-1/4" x 1/2"	33	36
BRRT1143-NL	1-1/4" x 3/4"	35	38
BRRT1145-NL	1-1/4" x 1"	39	41
BRRT1121-NL	1-1/2" x 1/2"	34	39
BRRT1123-NL	1-1/2" x 3/4"	36	41
BRRT1124-NL	1-1/2" x 1"	39	44
BRRT1125-NL	1-1/2" x 1-1/4"	44	46
BRRT2001-NL	2" x 1/2"	37.9	47.8
BRRT2003-NL	2" x 3/4"	37	47
BRRT2004-NL	2" x 1"	40	50
BRRT2005-NL	2" x 1-1/4"	45	52
BRRT2006-NL	2" x 1-1/2"	48	53
BRRT2125-NL	2-1/2" x 1"	47.5	60.2
BRRT2121-NL	2-1/2" x 1-1/2"	54.9	63.8
BRRT2122-NL	2-1/2" x 2"	61	66

Reducing Tee 3 Sizes



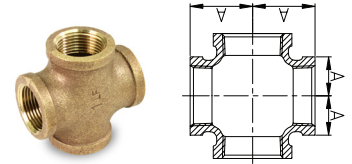
Part #	Size	A	B	C
BRRT0343-NL	3/4" x 1/2" x 1/2"	27	26	28
BRRT0344-NL	3/4" x 1/2" x 3/4"	30	28	30
BRRT1003-NL	1" x 1/2" x 1/2"	-	-	-
BRRT1004-NL	1" x 1/2" x 3/4"	-	-	-
BRRT1005-NL	1" x 1/2" x 1"	-	-	-
BRRT1007-NL	1" x 3/4" x 1/2"	30	27	31
BRRT1008-NL	1" x 3/4" x 3/4"	33	30	33
BRRT1009-NL	1" x 3/4" x 1"	36	33	36

Bull Head Tee



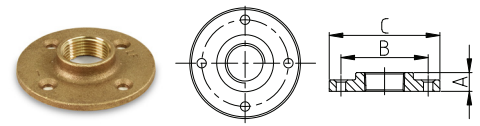
Part #	Size	A	B
BRBT0120-NL	1/2" x 1/2" x 3/4"	28	27
BRBT0340-NL	3/4" x 3/4" x 1"	33	33
BRBT0341-NL	3/4" x 3/4" x 1-1/4"	-	-
BRBT1000-NL	1" x 1" x 1-1/4"	41	39

Cross



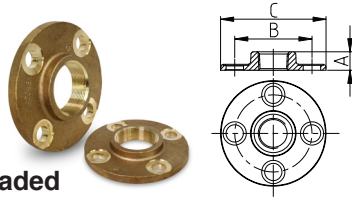
Part #	Size	A
BRCR0018-NL	1/8"	14
BRCR0014-NL	1/4"	18
BRCR0038-NL	3/8"	21
BRCR0012-NL	1/2"	26
BRCR0034-NL	3/4"	30
BRCR0100-NL	1"	36
BRCR0114-NL	1-1/4"	43
BRCR0112-NL	1-1/2"	47
BRCR0200-NL	2"	54

Floor Flange



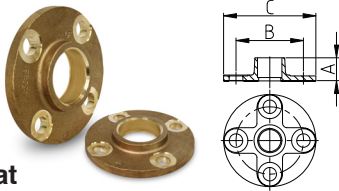
Part #	Size	A	B	C
BRFF0012-NL	1/2"	13.5	62	88
BRFF0034-NL	3/4"	15.3	62	88
BRFF0100-NL	1"	18	75	102
BRFF0114-NL	1-1/4"	19	75	102
BRFF0112-NL	1-1/2"	22	86.5	114
BRFF0200-NL	2"	25	120.7	150

Companion Flange - Threaded



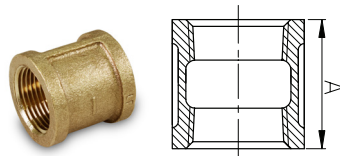
Part #	Size	A	B	C
BRCFI012-NL	1/2"	15	60.5	89
BRCFI034-NL	3/4"	15.8	70	98.5
BRCFI100-NL	1"	17.6	79.5	108
BRCFI114-NL	1-1/4"	20.6	90	117.5
BRCFI112-NL	1-1/2"	22.4	98.5	128
BRCFI200-NL	2"	25.4	120.5	151
BRCFI212-NL	2-1/2"	28.5	140	179.5
BRCFI300-NL	3"	30.3	152.5	192
BRCFI400-NL	4"	33.3	190.5	231

Companion Flange - Sweat



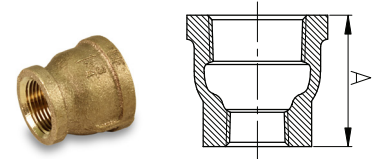
Part #	Size	A	B	C
BRCFS012-NL	1/2"	-	-	-
BRCFS034-NL	3/4"	-	-	-
BRCFS100-NL	1"	25	79.5	108
BRCFS114-NL	1-1/4"	27.4	90	117.5
BRCFS112-NL	1-1/2"	30.4	98.5	127
BRCFS200-NL	2"	36.7	120.5	152.4
BRCFS212-NL	2-1/2"	40.8	140	177.8
BRCFS300-NL	3"	45.5	152.5	190.5
BRCFS400-NL	4"	58	190.5	228.6
BRCFS600-NL	6"	-	-	-

Couplings



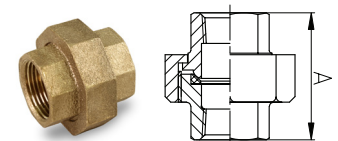
Part #	Size	A
BRCP0018-NL	1/8"	20
BRCP0014-NL	1/4"	25
BRCP0038-NL	3/8"	27
BRCP0012-NL	1/2"	33
BRCP0034-NL	3/4"	36
BRCP0100-NL	1"	43
BRCP0114-NL	1-1/4"	47
BRCP0112-NL	1-1/2"	49
BRCP0200-NL	2"	56
BRCP0212-NL	2-1/2"	73
BRCP0300-NL	3"	81
BRCP0400-NL	4"	94

Reducing Couplings



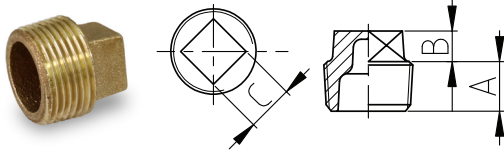
Part #	Size	A
BRRC0140-NL	1/4" x 1/8"	22
BRRC0380-NL	3/8" x 1/8"	23
BRRC0381-NL	3/8" x 1/4"	26
BRRC0120-NL	1/2" x 1/8"	29
BRRC0121-NL	1/2" x 1/4"	29
BRRC0122-NL	1/2" x 3/8"	30
BRRC0340-NL	3/4" x 1/4"	31
BRRC0341-NL	3/4" x 3/8"	31
BRRC0342-NL	3/4" x 1/2"	35
-	1" x 1/4"	38
BRRC1000-NL	1" x 3/8"	38
BRRC1001-NL	1" x 1/2"	38
BRRC1002-NL	1" x 3/4"	40
BRRC1140-NL	1-1/4" x 1/2"	42
BRRC1141-NL	1-1/4" x 3/4"	42
BRRC1142-NL	1-1/4" x 1"	45
BRRC1120-NL	1-1/2" x 1/2"	45
BRRC1121-NL	1-1/2" x 3/4"	45
BRRC1122-NL	1-1/2" x 1"	45
BRRC1123-NL	1-1/2" x 1-1/4"	48
BRRC2000-NL	2" x 1/2"	52
BRRC2001-NL	2" x 3/4"	52
BRRC2002-NL	2" x 1"	52
BRRC2003-NL	2" x 1-1/4"	52
BRRC2004-NL	2" x 1-1/2"	52
BRRC2120-NL	2-1/2" x 1"	83
BRRC2121-NL	2-1/2" x 1-1/2"	83
BRRC2122-NL	2-1/2" x 2"	83
BRRC3000-NL	3" x 1"	94
BRRC3001-NL	3" x 1-1/2"	94
BRRC4000-NL	4" x 2"	111

Unions



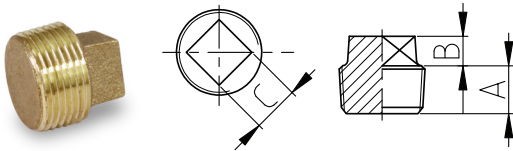
Part #	Size	A
BRUN0018-NL	1/8"	32
BRUN0014-NL	1/4"	37
BRUN0038-NL	3/8"	41
BRUN0012-NL	1/2"	44
BRUN0034-NL	3/4"	49.5
BRUN0100-NL	1"	52.5
BRUN0114-NL	1-1/4"	57.5
BRUN0112-NL	1-1/2"	61.5
BRUN0200-NL	2"	70
BRUN0212-NL	2-1/2"	82
BRUN0300-NL	3"	89
BRUN0400-NL	4"	98

Cored Plug



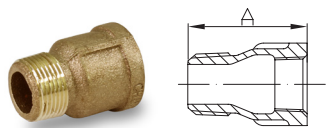
Part #	Size	A	B	C
BRPL0018-NL	1/8"	7	6	7.1
BRPL0014-NL	1/4"	10	7	9.5
BRPL0038-NL	3/8"	10	8	11.1
BRPL0012-NL	1/2"	14	10	14.3
BRPL0034-NL	3/4"	14	11	15.8
BRPL0100-NL	1"	18	13	20.6
BRPL0114-NL	1-1/4"	18	14	23.8
BRPL0112-NL	1-1/2"	19	16	28.5
BRPL0200-NL	2"	19	17	33.3
BRPL0212-NL	2-1/2"	27	19	38.1
BRPL0300-NL	3"	29	20	42.8
BRPL0400-NL	4"	31	23	57.1

Solid Plug



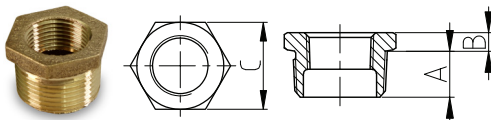
Part #	Size	A	B	C
BRSP0018-NL	1/8"	7	6	7.1
BRSP0014-NL	1/4"	10	7	9.5
BRSP0038-NL	3/8"	10	8	11.1
BRSP0012-NL	1/2"	14	10	14.3
BRSP0034-NL	3/4"	14	11	15.8
BRSP0100-NL	1"	18	13	20.6
BRSP0114-NL	1-1/4"	18	14	23.8
BRSP0112-NL	1-1/2"	19	16	28.5
BRSP0200-NL	2"	19	17	33.3
BRSP0212-NL	2-1/2"	27	19	38.1
BRSP0300-NL	3"	29	20	42.8
BRSP0400-NL	4"	31	23	57.1

Extension Piece



Part #	Size	A
BREP0012-NL	1/2"	42
BREP0034-NL	3/4"	47

Brass Bushing

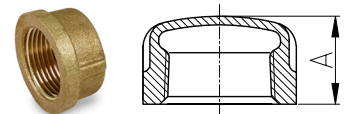


Part #	Size	A	B	C
BRBU0140-NL	1/4" x 1/8"	11	4	16
BRBU0380-NL	3/8" x 1/8"	12	4	17
BRBU0381-NL	3/8" x 1/4"	12	4	17
BRBU0120-NL	1/2" x 1/8"	14	5	22

Brass Bushing - Continued

Part #	Size	A	B	C
BRBU0121-NL	1/2" x 1/4"	14	5	22
BRBU0122-NL	1/2" x 3/8"	14	5	22
BRBU0340-NL	3/4" x 1/8"	16	6	29
BRBU0341-NL	3/4" x 1/4"	16	6	29
BRBU0342-NL	3/4" x 3/8"	16	6	29
BRBU0343-NL	3/4" x 1/2"	16	6	29
BRBU1000-NL	1" x 1/4"	19	8	28
BRBU1001-NL	1" x 3/8"	19	8	28
BRBU1002-NL	1" x 1/2"	19	6	36
BRBU1003-NL	1" x 3/4"	19	6	36
BRBU1140-NL	1-1/4" x 1/2"	-	-	-
BRBU1141-NL	1-1/4" x 3/4"	20	7	45
BRBU1142-NL	1-1/4" x 1"	20	7	45
BRBU1120-NL	1-1/2" x 1/4"	21	9	28
BRBU1121-NL	1-1/2" x 3/8"	21	9	28
BRBU1122-NL	1-1/2" x 1/2"	21	9	34
BRBU1123-NL	1-1/2" x 3/4"	21	9	41
BRBU1124-NL	1-1/2" x 1"	21	8	51
BRBU1125-NL	1-1/2" x 1-1/4"	21	8	51
BRBU2000-NL	2" x 1/2"	22	10	34
BRBU2001-NL	2" x 3/4"	22	10	41
BRBU2002-NL	2" x 1"	22	10	50
BRBU2003-NL	2" x 1-1/4"	22	9	63
BRBU2004-NL	2" x 1-1/2"	22	9	63
BRBU2120-NL	2-1/2" x 1"	27	11	50
BRBU2121-NL	2-1/2" x 1-1/4"	27	11	61
BRBU2122-NL	2-1/2" x 1-1/2"	27	11	68
BRBU2123-NL	2-1/2" x 2"	27	9	76
BRBU3000-NL	3" x 1-1/2"	29	12	68
BRBU3001-NL	3" x 2"	29	12	83
BRBU3002-NL	3" x 2-1/2"	29	10	98
BRBU3004-NL	3" x 1"	29	12	50
BRBU3005-NL	3" x 1-1/4"	29	12	61
BRBU4000-NL	4" x 2"	31	15	83
BRBU4002-NL	4" x 3"	-	-	-

Cap



Part #	Size	A
BRCA0018-NL	1/8"	12
BRCA0014-NL	1/4"	15
BRCA0038-NL	3/8"	16
BRCA0012-NL	1/2"	19
BRCA0034-NL	3/4"	21
BRCA0100-NL	1"	25
BRCA0114-NL	1-1/4"	28
BRCA0112-NL	1-1/2"	29
BRCA0200-NL	2"	34
BRCA0212-NL	2-1/2"	43
BRCA0300-NL	3"	46
BRCA0400-NL	4"	53