



PART NUMBER	CYLINDER BORE	OUTSIDE DIAMETER	ROD DIAMETER	A	B	C	D	E	F	G	H	PORTS
BU15XX-S	1.50"	1.875"	1.00"	8.00"	1.25"	0.76"	2.62"	2.25"	2.00"	1.06"	1.87"	SAE 4
BU20XX-S	2.00"	2.375"	1.25"	8.00"	1.50"	1.01"	2.25"	2.75"	2.25"	1.00"	2.06"	SAE 6
BU25XX-S	2.50"	2.875"	1.50"	8.00"	1.50"	1.01"	2.25"	3.25"	2.25"	0.81"	2.18"	SAE 8
BU30XX-S	3.00"	3.50"	1.50"	8.00"	1.50"	1.01"	2.25"	3.75"	2.25"	0.81"	2.18"	SAE 8
BU35XX-S	3.50"	4.00"	1.75"	10.00"	2.00"	1.26"	4.00"	4.25"	2.25"	0.81"	2.18"	SAE 8
BU40XX-S	4.00"	4.50"	2.00"	10.00"	2.25"	1.51"	3.75"	4.75"	2.50"	0.81"	2.18"	SAE 8
BU50XX-S	5.00"	5.50"	2.50"	12.00"	3.00"	**1.76"	3.50"	5.75"	3.25"	1.25"	2.75"	SAE 12

** PIN SIZE WITH INSERT, 2" WHEN REMOVED
 MAXIMUM RETRACTED WORKING PRESSURE : 3000 psi

MAXIMUM EXTENDED WORKING PRESSURE : SEE TABLE
 RETRACTED AND STROKE TOLERANCE ± 1/8"

WELDED BUSHING									
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS*	COLUMN LOADS (LBS)	PRESSURE (PSI)	WEIGHT (LBS)
		RETRACTED	EXTENDED						
BU1504-S	1.5" X 4"	12"	16"	1"	3/4"	SAE 4	5300	3000	8
BU1506-S	1.5" X 6"	14"	20"				5300	3000	9
BU1508-S	1.5" X 8"	16"	24"				5300	3000	10
BU1510-S	1.5" X 10"	18"	28"				5300	3000	12
BU1512-S	1.5" X 12"	20"	32"				5300	3000	13
BU1514-S	1.5" X 14"	22"	36"				5300	3000	14
BU1516-S	1.5" X 16"	24"	40"				5300	3000	15
BU1518-S	1.5" X 18"	26"	44"				4800	2700	17
BU1520-S	1.5" X 20"	28"	48"				4000	2300	18
BU1524-S	1.5" X 24"	32"	56"				3000	1700	20
BU2004-S	2" X 4"	12"	16"	1-1/4"	1"	SAE 6	9400	3000	12
BU2006-S	2" X 6"	14"	20"				9400	3000	13
BU2008-S	2" X 8"	16"	24"				9400	3000	15
BU2010-S	2" X 10"	18"	28"				9400	3000	17
BU2012-S	2" X 12"	20"	32"				9400	3000	19
BU2014-S	2" X 14"	22"	36"				9400	3000	20
BU2016-S	2" X 16"	24"	40"				9400	3000	22
BU2018-S	2" X 18"	26"	44"				9400	3000	24
BU2020-S	2" X 20"	28"	48"				9400	3000	25
BU2024-S	2" X 24"	32"	56"				7300	2300	29
BU2028-S	2" X 28"	36"	64"				5600	1700	32
BU2030-S	2" X 30"	38"	68"				4900	1500	34
BU2032-S	2" X 32"	40"	72"				4400	1400	35
BU2036-S	2" X 36"	44"	80"				3500	1100	39
BU2040-S	2" X 40"	48"	88"				2900	900	42
BU2048-S	2" X 48"	56"	104"				2100	600	49

* NPT PORTS ARE ALSO AVAILABLE.
 NOTE : COLUMN LOAD IS THE MAXIMUM PUSHING LOAD SUGGESTED USING A MINIMUM SAFETY FACTOR OF 2 AND BASED ON A PIN TO PIN MOUNTING CALCULATION.

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WELDED BUSHING									
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS*	COLUMN LOAD (LBS)	PRESSURE (PSI)	WEIGHT (LBS)
		RETRACTED	EXTENDED						
BU2504-S	2.5" X 4"	12"	16"	1-1/2"	1"	SAE 8	14700	3000	16
BU2506-S	2.5" X 6"	14"	20"				14700	3000	18
BU2508-S	2.5" X 8"	16"	24"				14700	3000	20
BU2510-S	2.5" X 10"	18"	28"				14700	3000	22
BU2512-S	2.5" X 12"	20"	32"				14700	3000	24
BU2514-S	2.5" X 14"	22"	36"				14700	3000	27
BU2516-S	2.5" X 16"	24"	40"				14700	3000	29
BU2518-S	2.5" X 18"	26"	44"				14700	3000	31
BU2520-S	2.5" X 20"	28"	48"				14700	3000	33
BU2524-S	2.5" X 24"	32"	56"				14700	3000	38
BU2528-S	2.5" X 28"	36"	64"				11600	2300	42
BU2530-S	2.5" X 30"	38"	68"				10300	2100	45
BU2532-S	2.5" X 32"	40"	72"				9200	1800	47
BU2536-S	2.5" X 36"	44"	80"				7400	1500	51
BU2540-S	2.5" X 40"	48"	88"				6100	1200	56
BU2548-S	2.5" X 48"	56"	104"	4400	800	65			
BU3004-S	3" X 4"	12"	16"	1-1/2"	1"	SAE 8	21200	3000	19
BU3006-S	3" X 6"	14"	20"				21200	3000	22
BU3008-S	3" X 8"	16"	24"				21200	3000	24
BU3010-S	3" X 10"	18"	28"				21200	3000	27
BU3012-S	3" X 12"	20"	32"				21200	3000	29
BU3014-S	3" X 14"	22"	36"				21200	3000	32
BU3016-S	3" X 16"	24"	40"				21200	3000	34
BU3018-S	3" X 18"	26"	44"				21200	3000	36
BU3020-S	3" X 20"	28"	48"				20700	2900	39
BU3024-S	3" X 24"	32"	56"				15200	2100	44
BU3028-S	3" X 28"	36"	64"				11600	1600	49
BU3030-S	3" X 30"	38"	68"				10300	1400	51
BU3032-S	3" X 32"	40"	72"				9200	1300	53
BU3036-S	3" X 36"	44"	80"				7400	1000	58
BU3040-S	3" X 40"	48"	88"				6100	800	63
BU3048-S	3" X 48"	56"	104"	4400	600	73			
BU3504-S	3.5" X 4"	14"	18"	1-3/4"	1-1/4"	SAE 8	28800	3000	27
BU3506-S	3.5" X 6"	16"	22"				28800	3000	30
BU3508-S	3.5" X 8"	18"	26"				28800	3000	33
BU3510-S	3.5" X 10"	20"	30"				28800	3000	36
BU3512-S	3.5" X 12"	22"	34"				28800	3000	39
BU3514-S	3.5" X 14"	24"	38"				28800	3000	42
BU3516-S	3.5" X 16"	26"	42"				28800	3000	45
BU3518-S	3.5" X 18"	28"	46"				28800	3000	48
BU3520-S	3.5" X 20"	30"	50"				28800	3000	51
BU3524-S	3.5" X 24"	34"	58"				26200	2700	57
BU3528-S	3.5" X 28"	38"	66"				20200	2100	63
BU3530-S	3.5" X 30"	40"	70"				18000	1800	66
BU3532-S	3.5" X 32"	42"	74"				16100	1600	69
BU3536-S	3.5" X 36"	46"	82"				13100	1300	75
BU3540-S	3.5" X 40"	50"	90"				10900	1100	81
BU3548-S	3.5" X 48"	58"	106"	7800	800	94			

* NPT PORTS ARE ALSO AVAILABLE.

NOTE : COLUMN LOAD IS THE MAXIMUM PUSHING LOAD SUGGESTED USING A MINIMUM SAFETY FACTOR OF 2 AND BASED ON A PIN TO PIN MOUNTING CALCULATION.

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WELDED BUSHING									
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS*	COLUMN LOAD (LBS)	PRESSURE (PSI)	WEIGHT (LBS)
		RETRACTED	EXTENDED						
BU4004-S	4" X 4"	14"	18"	2"	1-1/2"	SAE 8	37600	3000	34
BU4006-S	4" X 6"	16"	22"				37600	3000	38
BU4008-S	4" X 8"	18"	26"				37600	3000	41
BU4010-S	4" X 10"	20"	30"				37600	3000	45
BU4012-S	4" X 12"	22"	34"				37600	3000	49
BU4014-S	4" X 14"	24"	38"				37600	3000	52
BU4016-S	4" X 16"	26"	42"				37600	3000	56
BU4018-S	4" X 18"	28"	46"				37600	3000	59
BU4020-S	4" X 20"	30"	50"				37600	3000	63
BU4024-S	4" X 24"	34"	58"				37600	3000	70
BU4028-S	4" X 28"	38"	66"				34600	2700	78
BU4030-S	4" X 30"	40"	70"				30700	2400	81
BU4032-S	4" X 32"	42"	74"				27500	2100	85
BU4036-S	4" X 36"	46"	82"				22400	1700	92
BU4040-S	4" X 40"	50"	90"				18600	1400	99
BU4048-S	4" X 48"	58"	106"				13400	1000	114
BU5004-S	5" X 4"	16"	20"	2-1/2"	1-3/4"	SAE 12	58900	3000	64
BU5006-S	5" X 6"	18"	24"				58900	3000	69
BU5008-S	5" X 8"	20"	28"				58900	3000	75
BU5010-S	5" X 10"	22"	32"				58900	3000	80
BU5012-S	5" X 12"	24"	36"				58900	3000	85
BU5014-S	5" X 14"	26"	40"				58900	3000	90
BU5016-S	5" X 16"	28"	44"				58900	3000	96
BU5018-S	5" X 18"	30"	48"				58900	3000	101
BU5020-S	5" X 20"	32"	52"				58900	3000	106
BU5024-S	5" X 24"	36"	60"				58900	3000	116
BU5028-S	5" X 28"	40"	68"				58900	3000	126
BU5030-S	5" X 30"	42"	72"				58900	3000	131
BU5032-S	5" X 32"	44"	76"				58900	3000	136
BU5036-S	5" X 36"	48"	84"				52100	2600	147
BU5040-S	5" X 40"	52"	92"				43400	2200	157
BU5048-S	5" X 48"	60"	108"				31500	1600	177

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