

PLATE WASHER CAPACITIES

				SYP	SPF
MARK	WASHER SIZE (in)	THICKNESS (in)	ALL-THREAD ROD SIZE	ALLOWABLE BEARING CAPACITY (LBS)	ALLOWABLE BEARING CAPACITY (LBS)
W2.5	2½ x 2½	⅜	3/8"	3960	2980
W3	3 x 3	¼	1/2"	5590	4200
W43a	4 x 3	⅜	5/8"	7160	5390
W43b			3/4"	7070	5320
W53a	5 x 3¼	½	5/8"	9690	7290
W53b			3/4"	9600	7220
W53c			7/8"	9490	7140
W63b	6 x 3¼	⅝	3/4"	11370	8550
W63c			7/8"	11270	8470
W63d			1"	11150	8390
W63e			1-1/8"	11020	8290
W73c	7 x 3¼	¾	7/8"	13090	9840
W73d			1"	12970	9760
W73e			1-1/8"	12840	9660

TABLE 2 - THREADED ROD CAPACITIES*

		LOW CARBON (Fu=70,000 PSI)	*HIGH STRENGTH (Fu=120,000 PSI)	
ROD SIZE	MARK	ALLOWABLE TENSILE CAPACITY (LBS)	MARK	ALLOWABLE TENSILE CAPACITY (LBS)
3/8"	R38	2,900	R38HS	N/A
1/2"	R12	5,150	R12HS	N/A
5/8"	R58	8,050	R58HS	13,805
3/4"	R34	11,595	R34HS	19,880
7/8"	R78	15,785	R78HS	27,060
1"	R1	20,615	R1HS	35,340
1-1/8"	R98	26,090	R98HS	44,730
1-1/4"	R108	32,210	R108HS	55,220

* ALLOWABLE TENSILE CAPACITIES ARE BASED ON AISC 13TH EDITION.

** MEETS PHYSICAL CHARACTERISTICS OF ASTM A36

*** MEETS PHYSICAL CHARACTERISTICS OF ASTM A193 B7