

TABLE 3 - PLATE WASHER CAPACITIES

				DOUGLAS FIR F _{cl} = 625 PSI	SYP F _{cl} = 565 PSI	SPF F _{cl} = 425 PSI	HEM FIR F _{cl} = 405 PSI
MARK	WASHER (IN.)	THICKNESS (IN.)	ROD SIZE (Ø)	ALLOWABLE BEARING CAPACITY (LBS) **	ALLOWABLE BEARING CAPACITY (LBS) **	ALLOWABLE BEARING CAPACITY (LBS) **	ALLOWABLE BEARING CAPACITY (LBS) **
BPRTUD3-4B *	3½ x 3	3 Ga.	3/8", 1/2"	6,415	5,975	4,700	4,475
BPRTUD5-6B *	5½ x 3	½	5/8", 3/4"	10,295	9,305	7,000	6,670
BPRTUD5-6C *	7½ x 3	¾	5/8", 3/4"	13,385	12,100	9,105	8,675
BPRTUD5-8 *	5 x 3	3 Ga.	5/8" - 1"	7,195	6,675	5,430	5,245
BPRTUD7-8A *	5½ x 3	½	7/8", 1"	10,055	9,090	6,835	6,515
BPRTUD7-8B *	8½ x 3	¾	7/8", 1"	14,990	13,595	10,225	9,745
BPRTUD7-8C *	5½ x 5	½	7/8", 1"	17,400	15,730	11,830	11,275
W2.5	2½ x 2½	⅙	3/8"	4,310	3,895	2,930	2,795
W3	3 x 3	¼	1/2"	6,065	5,485	4,125	3,930
W43a	4 x 3	⅜	5/8"	7,845	7,095	5,335	5,085
W53a	5 x 3¼	½	5/8"	10,570	9,555	7,185	6,845
W53b			3/4"	10,450	9,450	7,105	6,770
W53c			7/8"	10,320	9,330	7,015	6,685
W63b	6 x 3¼	⅝	3/4"	11,755	10,625	7,990	7,615
W63c			7/8"	11,630	10,515	7,910	7,535
W63d			1"	11,495	10,390	7,815	7,445
W63e			1-1/8"	11,340	10,250	7,710	7,350
W63f			1-1/4"	11,170	10,100	7,595	7,240
W63g			1-1/2"	10,790	9,750	7,335	6,990
W73c	7 x 3¼	¾	7/8"	13,665	12,350	9,290	8,855
W73d			1"	13,525	12,225	9,195	8,765
W73e			1-1/8"	13,370	12,085	9,090	8,665
W73f			1-1/4"	13,200	11,935	8,975	8,555
W73g			1-1/2"	12,820	11,590	8,715	8,305
W74g	7 x 4½	⅞	1-1/2"	18,290	16,530	12,435	11,850
W83b	8 x 3¼	1	3/4"	15,815	14,300	10,755	10,250
W83c			7/8"	15,695	14,185	10,670	10,170
W83d			1"	15,555	14,060	10,575	10,080
W83e			1-1/8"	15,400	13,925	10,475	9,980
W83f			1-1/4"	15,235	13,770	10,360	9,870
W83g			1-1/2"	14,852	13,425	10,095	9,620
W83h			1-3/4"	14,405	13,020	9,795	9,335

* REFER TO SIMPSON STRONG-TIE WEBSITE FOR ADDITIONAL INFORMATION AND DETAILS NOT SHOWN

** ALLOWABLE COMPRESSION LOAD SHALL BE GREATER THAN THE INCREMENTAL LOADING BETWEEN LEVELS