

## TECHNICAL DATA SHEET

### DESCRIPTION

B11 Flat Washers are made from flat steel plate.

### APPLICATION

For best results, the washer should be positioned so that the washer's length runs parallel to the waler and the gap between the walers does not exceed the bolt diameter plus 1/4".



### FEATURES

- Available in different sizes and thicknesses
- Available in plain, electro galvanized and stainless steel finish

### TECHNICAL DATA

Type	Bolt Diameter	Safe Working Load (lbs)	Sizes
B11 Standard	1/2"	6,750	3" x 4" x 1/4"
B11 Heavy	1/2"	8,750	4" x 5" x 1/4"
B11 Standard	3/4"	6,750	4" x 5" x 1/4"
B11 Heavy	3/4"	14,000	5" x 5" 3/8"
B11 Standard	1"	18,500	5" x 5" x 1/2"
B11 Heavy	1"	38,000	7" x 7" x 3/4"
B11 Standard	1-1/4"	22,750	5" x 5" x 1/2"
B11 Heavy	1-1/4"	50,750	7" x 7" x 3/4"
B11 Standard	1-1/2"	26,250	5" x 5" x 3/4"
B11 Heavy	1-1/2"	41,500	7" x 7" x 3/4"

### RELATED PRODUCTS

- B12 Coil Rod
- B13 Coil Nuts
- B25 Heavy Coil Nuts
- B39 Wing Nuts

### HOW TO ORDER

Specify: (1) quantity, (2) name, (3) bolt diameter.  
Example: 1,200 pcs. B11 Standard, 1/2" bolt.

Additional sizes can be Made to Order. Please call for availability, lead time and pricing.

### ORDERING INFORMATION

#### FLAT WASHER - MADE IN USA

Product Code	Description	Weight
46500	STANDARD 3" X 4" X 1/4" - 1/2" BOLT DIA.; IMPORT	0.76 LB
144004	STANDARD 4" X 5" X 1/4" - 3/4" BOLT DIA.	0.96 LB
46925	STANDARD 5" X 5" X 1/2" - 1" BOLT DIA.	3.35 LB
143760	STANDARD 5" X 5" X 1/2" - 1-1/4" BOLT DIA.	3.34 LB
47110	STANDARD 5" X 5" X 3/4" - 1-1/2" BOLT DIA.	4.70 LB
46600	HEAVY 4" X 5" X 1/4" - 1/2" BOLT DIA.	1.36 LB
46850	HEAVY 5" X 5" X 3/8" - 3/4" BOLT DIA.	2.52 LB
46950	HEAVY 7" X 7" X 3/4" - 1" BOLT DIA.	10.15 LB
47100	HEAVY 7" X 7" X 3/4" - 1-1/4" BOLT DIA.	10.20 LB
47120	HEAVY 7" X 7" X 3/4" - 1-1/2" BOLT DIA.	9.95 LB

#### FLAT WASHER CANADA ONLY - IMPORTED

Product Code	Description	Weight
129476	STANDARD 4" X 4" X 1/4" - 1/2" BOLT DIA; CANADA ONLY	1.30 LB

### MANUFACTURER

Dayton Superior Corporation  
1125 Byers Road  
Miamisburg, OH 45342  
Customer Service: 888-977-9600  
Technical Services: 877-266-7732  
Website: [www.daytonsuperior.com](http://www.daytonsuperior.com)

## TECHNICAL DATA SHEET

**WARRANTY (ACCESSORIES)**

Limited Warranty. Dayton warrants, for a period of 60 days from the date of shipment (three years from the date of shipment in the case of formwork, excluding any consumable Products included with such formwork), that Products and any associated application drawings and engineering services provided by Dayton ("Ancillary Services") will be free from defects in material and workmanship and, in the case of custom designed formwork, that the formwork will meet the specifications set forth in the design drawings approved by Dayton and Customer. Any claim under this warranty must be made in writing within such warranty period. If any Product and/or Ancillary Service covered by a timely claim are found to be defective, Dayton will, within a reasonable time, make any necessary repairs or corrections or, at Dayton's option, replace the Product. Unless pre-authorized by Dayton in writing, Dayton will not accept any charges for correcting defects or accept the return of any Product. This warranty will not apply to any Products that have been subjected to misuse, neglect, storage damage, misapplication, accident or any other damage caused by any person other than Dayton, or that have not been maintained in accordance with Dayton's specifications. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES AS TO THE PRODUCTS AND ANCILLARY SERVICES. DAYTON MAKES NO OTHER WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE. THE REMEDIES SET FORTH IN THIS SECTION ARE CUSTOMER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY.