

BELLEVILLE WASHERS

- CONICAL • BELLEVILLE • SPRING
 CONED DISC DISC SPRING
 BELLEVILLE SPRING CONICAL SPRING
 SPRING LOCK CUPPED SPRING
 CONICAL COMPRESSION WASHER



(888)211-7794
 sales@spsutility.com

Material	Material Spec	Standard Finish	Available Finishes	Corrosion Resistance
301 STAINLESS STEEL	ASTM A666	PLAIN	-	MODERATE
17-7 PH STAINLESS STEEL	ASTM A693	PLAIN	NICKEL PLATED	MODERATE
510 PHOSPHOR BRONZE	ASTM B103	PLAIN	-	LOW
1074 CARBON STEEL	ASTM A684	ZINC PLATED ZINC PHOSPHATE	LIGHT OIL ZINC PHOSPHATE	LOW
AISI 6150 ALLOY	ASTM A506	ZINC PLATED ZINC PHOSPHATE	LIGHT OIL ZINC PHOSPHATE	LOW
INCONEL 718	ASTM B637 ASTM B670	PLAIN	-	HIGH
H-13 TOOL STEEL	ASTM A681	BLACK OXIDE	-	LOW

- Conical shaped discs that will deflect (flatten) at a given rate. This spring rate is usually very high, allowing the spring to produce very large loads in a very small space
- Used to prevent fasteners from vibrating loose, dampening and absorbing shock that threatens the integrity of the joint
- Various configurations change the load and deflection

Additional Materials Available

- 17-4
- X750
- A-286
- CUSTOM 450
- WASPALLOY

**INCH
 &
 METRIC**

Finishes

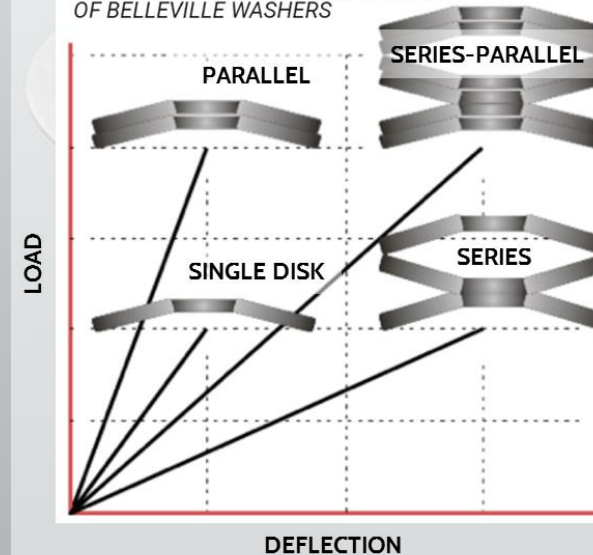
- Plain Finish, Dry
- Plain with Oil
- Passivated
- Shot Peened
- Black Oxide
- Clear Zinc
- Yellow Zinc
- Geomet
- Zinc Phosphate and Oil



OTHER MATERIALS UPON REQUEST

OTHER FINISHES UPON REQUEST

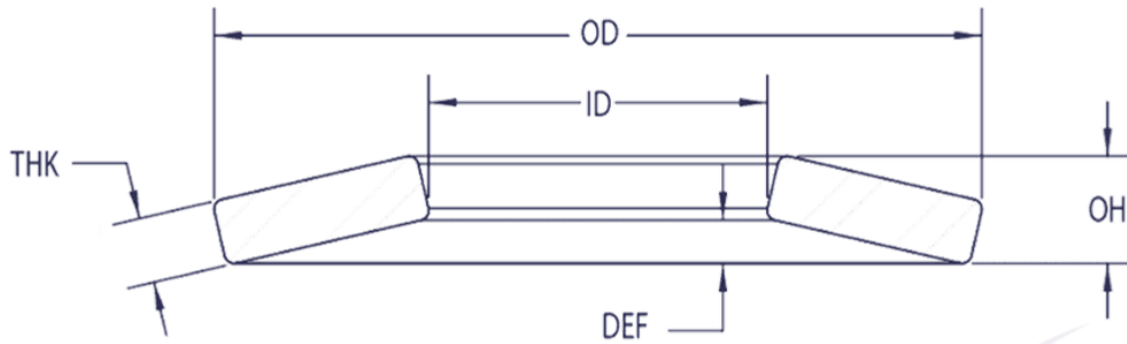
VARIOUS CONFIGURATIONS OF BELLEVILLE WASHERS



INDUSTRIES

- Energy • Chemical
- Automotive • Transportation
- Industrial Automation
- Pump and Valve Manufacturing
- Utility Transmission & Distribution
- Food & Beverage
- Distribution • Packaging

...and Many More!



Please send this form
or your print to:
sales@spsutility.com



Please fill in any known details	Bolt Size	Inside Diameter (ID)	Outside Diameter (OD)	Thickness (THK)	Overall Height (OH)	Deflection (DEF)	Flat Load in, lbf
Nominal							
<u>Tolerances:</u> Min							
Max							

Additional Details:

Please include any packaging/shipping requirements or competitor part numbers to cross.

Your Part Number:			
Material:			
Finish:			
Est. Annual Usage:		Qty Requested:	
Requested Delivery:			

TITLE: BELLEVILLE WASHER QUOTE FORM



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DATE

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02/22/2022