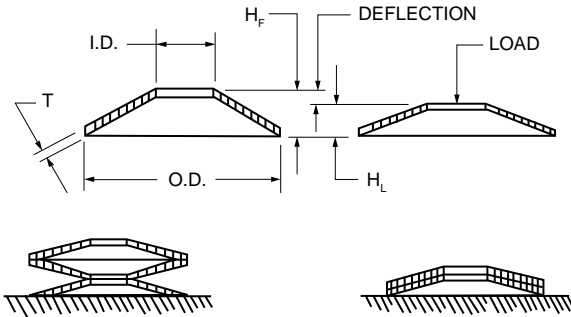




Belleville Spring Washers

**Series Stacking (washers opposing)**

For a given load, the total deflection of the stack is approximately equal to the individual washer deflection multiplied by the number of washers in the stack.

Parallel Stacking (washers resting)

For a given deflection, the total load applied to the stack is approximately equal to the individual washer load multiplied by the number of washers in the stack.

MATERIAL: 1074 Spring Steel-(ASTM-A684)
302 Stainless Steel-(AMS 5906)

Priced Per 10 Pieces

| Catalog Number | | I.D. (min.) | O.D. (max.) | T Stock Thickness | Free Height H _F | Loaded Height H _L | Load @ H _L lb. (Min-Max) | Load @ Flat |
|----------------|-----------------|----------------|----------------|-------------------------|----------------------------------|------------------------------------|---|-------------------|
| Spring Steel | Stainless Steel | | | | | | | |
| A 7Q 9-06010 | A 7X 9-06010 | .093 | .187 | .010 | .015 | .0125 | 13- 17.6 | 27.8 |
| A 7Q 9-08013 | A 7X 9-08013 | .125 | .250 | .0133 | .020 | .017 | 22- 30 | 48 |
| A 7Q 9-10016 | A 7X 9-10016 | .156 | .312 | .0166 | .025 | .021 | 35- 48 | 75 |
| A 7Q 9-12020 | A 7X 9-12020 | .190 | .375 | .020 | .030 | .025 | 51- 69 | 110 |
| A 7Q 9-16025 | A 7X 9-16025 | .255 | .500 | .025 | .038 | .031 | 80-110 | 160 |
| A 7Q 9-20032 | A 7X 9-20032 | .317 | .625 | .032 | .048 | .040 | 123-167 | 260 |
| A 7Q 9-24040 | A 7X 9-24040 | .380 | .750 | .040 | .059 | .049 | 199-271 | 415 |
| A 7Q 9-32050 | A 7X 9-32050 | .505 | 1.000 | .050 | .075 | .062 | 289-391 | 600 |
| A 7Q 9-40062 | A 7X 9-40062 | .630 | 1.250 | .062 | .092 | .077 | 403-547 | 870 |
| A 7Q 9-48072 | A 7X 9-48072 | .750 | 1.500 | .072 | .107 | .089 | 565-765 | 1180 |