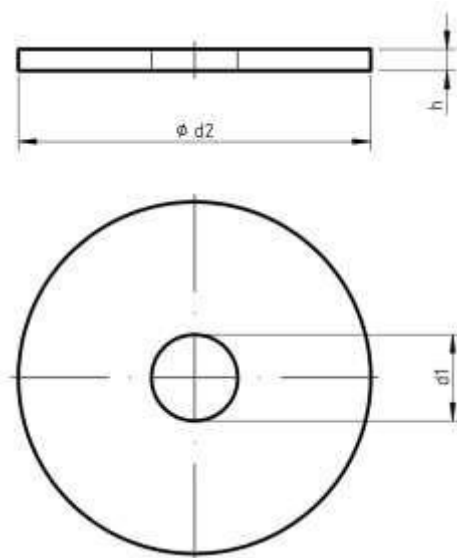




## Product Dimensions, Standards and Weights

## DIN 440-R / ISO 7094 Technical Specifications

### Metric DIN 440-R Flat Washers with Round Holes



#### Dimensions of Metric DIN 440-R Flat Washers with Round Holes

d*	d1	d2	h	a
M5	5.5	18	2	5.5
M6	6.6	22	2	6.6
M8	9	28	3	9
M10	11	34	3	11
M12	14	44	4	14
M16	18	56	5	18
M20	22	72	6	22
M22	24	80	6	24

Metric DIN 440-R Flat Washers with Round Holes are large diameter flat round washers with round holes often used in timber/wood construction. The Round hole permits standard bolts fit through the center hole permitting an increased load by increasing the bearing surface below the head of the bolt. Unique Fasteners offers one of the most complete ranges of metric washers and other inch and metric industrial fasteners for immediate delivery from stock. The following sizes of metric DIN 440R Flat Washers with Round Holes are available for immediate shipping from stock: Diameters ranging from M5 to M22 in A2 and marine grade A4 stainless steel.



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DIN (**D**eutsches **I**nstitut für **N**ormung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as Metric DIN 440-R Flat Washers with Round holes. The DIN standards remain common in Germany, Europe and globally even though the transition to ISO standards is taking place. DIN standards continue to be used for parts which do not have ISO equivalents or for which there is no need for standardization. In This case the equivalent is ISO 7094