M10 EPDM Sealing Washers Dimensions

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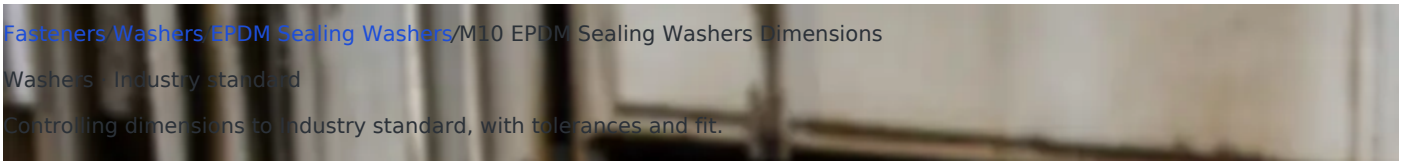

M10 EPDM Sealing Washers dimensions to Industry standard: inside diameter 10.5 mm, outside diameter 25 mm, thickness 3 mm.

Inside diameter

10.5 mm

Outside diameter

25 mm

Thickness

3 mm

Figures are nominal values from the governing standard. Confirm against the tolerance class for your application before machining or ordering.

M10 EPDM Sealing Washers (Industry standard): the row from the product table, what the nominal bolt size controls in the assembly, and the notes that matter when specifying this size.

M10 Dimensional Row (Industry standard)

Screw size	Inner diameter d1 (mm)	Outer diameter d2 (mm)	Total thickness s (mm)	EPDM thickness (mm)	Backing material	Temperature range (deg C)	Reference standard
M10	10.5	25	3.0	2.0	A2 stainless	-40 to +130	Industry standard

Common Applications for M10 EPDM Sealing Washers

M10 EPDM Sealing Washers are commonly specified for general-purpose load-spreading and locking under machine bolts.

Mating Parts for M10

A M10 flat washer pairs with a M10 bolt/screw and matching M10 nut.

Technical Drawing

Customize the parameters below — every spec field is editable, and the drawing redraws to match the values you choose. Changing the size will snap the other fields to that size's standard values; you can then override any individual value.

Sends the selected values to the quote form below.

Request a Quote

The form below follows the current technical drawing configuration. Change the drawing values above and the request details update automatically.

Dimensions & Specifications (Industry standard)

Screw size	Inner diameter d1 (mm)	Outer diameter d2 (mm)	Total thickness s (mm)	EPDM thickness (mm)	Backing material	Temperature range (deg C)	Reference standard
No.8 (4.2 mm)	4.3	11	2.0	1.0	Galvanised steel	-40 to +130	Industry standard
No.10 (4.8 mm)	5.0	14	2.0	1.0	Galvanised steel	-40 to +130	Industry standard
No.12 (5.5 mm)	5.6	16	2.5	1.5	Galvanised steel	-40 to +130	Industry standard
No.14 (6.3 mm)	6.4	19	2.5	1.5	Galvanised steel	-40 to +130	Industry standard
M6	6.4	19	2.5	1.5	A2 stainless	-40 to +130	Industry standard
M8	8.4	22	3.0	2.0	A2 stainless	-40 to +130	Industry standard
M10	10.5	25	3.0	2.0	A2 stainless	-40 to +130	Industry standard

Inside the plant

Manufactured in our own plant

This part is cold-formed, threaded, heat-treated and finished in-house. The stages below are where its class and finish are actually decided.

1. 

01

Cold heading

Wire rod is drawn to size and cold-formed into blanks. Forming rather than cutting keeps the grain flow continuous around the head, which is where a bolt is most likely to fail.

Head dimensions and under-head radius checked at set-up and per shift.

2. 

02

Thread rolling

Threads are rolled between hardened dies rather than cut. Rolled threads are stronger in fatigue than cut threads and hold pitch and flank angle far more consistently across a batch.

Go / no-go ring gauges to ISO 965 tolerance class 6g.

3. 

03

Heat treatment

Quench-and-temper brings carbon and alloy steel to the property class ordered — 8.8, 10.9 or 12.9 — with the furnace charge tracked so a finished lot can be traced back to it.

Core hardness and tensile tested per lot to ISO 898-1.

4. 

04

Surface treatment

Zinc, zinc-nickel, hot-dip galvanizing, black oxide, phosphate and Dacromet, selected against the service environment rather than against the price list.

Coating thickness and neutral salt spray hours to ISO 9227.

Frequently Asked Questions

Which washer dimensions matter most for M10?

For a flat washer, the outside diameter (the bearing surface) and the thickness control how the load is spread under the head and how much elastic preload is preserved. The inside diameter must clear the bolt body but not be so large that the head bears mostly on the washer's outer rim.

What is the coarse-thread pitch of M10 for EPDM Sealing Washers?

For M10 the standard coarse pitch is 1.5 mm — this is the value used for EPDM Sealing Washers.

What clearance and tapping drill suit M10?

Use a 11 mm clearance hole (ISO 273 medium) for through-fixing, or a 8.5 mm tapping drill for a coarse M10 thread.

How do I request a quotation?

Use the technical drawing on this page to pick the exact configuration, then submit it with the quote form. We respond within one business day.

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