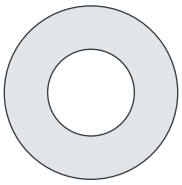
Extra large plain washer, series LL

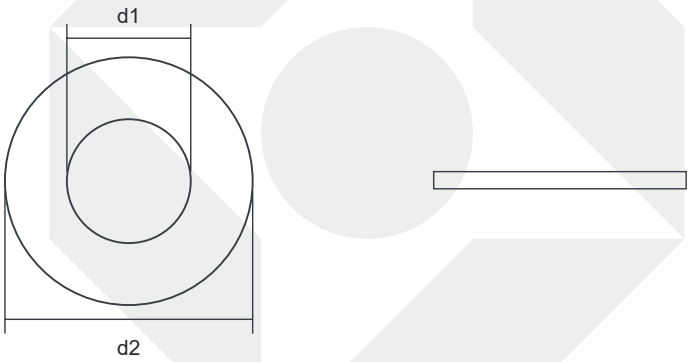
Extra large plain washer, series LL for assemblies and replacement parts. Compare the required geometry and specify material, finish and supply requirements in your enquiry.

NF E 25-513 LL

Type: Extra large plain washer, series LL · Reference: NF E 25-513 LL · Dimensions: Dimensions in millimetres · Configuration: Material and finish to specification



Technical drawing



d1: bore diameter · d2: outside diameter · s: material thickness

Identification drawing, not a manufacturing drawing. Refer to the agreed drawing for construction details, tolerances and free heights.

Variants and dimensions

Dimensions in mm. M identifies the screw nominal size.

Different geometries may exist for the same nominal size: specify the required dimensions. Tolerances and omitted details must be defined in the specification.

For screw	d1	d2	s
M3	3.2	14	0.8
M4	4.3	16	0.8
M5	5.3	20	1
M6	6.4	24	1.2
M7	7.4	27	1.5
M8	8.4	30	1.5
M10	10.5	36	2
M12	13	40	2.5
M14	15	45	2.5
M16	17	50	3
M17	17	50	3
M18	19	55	3
M20	21	60	3
M22	23	69	3
M24	25	70	4
M27	28	75	4

Materials, classes, finishes and treatments

Material	Class / hardness	Finishes / treatments
Steel	HV 100	Zinc plated
Stainless steel A2	To specify	To specify
Stainless steel A4	To specify	To specify

Material, hardness and treatment must be specified for the requested execution. A2 and A4 identify the stainless steel group and do not automatically imply 70/80 strength classes, hardness or passivation.

Dueemme confirms size, material and finish combinations and availability in its quotation.

Documentation

Document	Status
Declaration of conformity	Subject to order agreement
Material certificate	Subject to order agreement
EN 10204 2.2 test report	Subject to order agreement
EN 10204 3.1 inspection certificate	Subject to order agreement
Dimensional inspection report	Subject to order agreement
Coating report	Subject to order agreement
Other documentation	Subject to order agreement

Batch documents are not automatically included: specify your requirements in the RFQ.

Standards, types and application

NF E 25-513 LL

State the standard and edition or attach a drawing. Related DIN, ISO, UNI and NF references do not constitute a universal equivalence declaration for every execution.