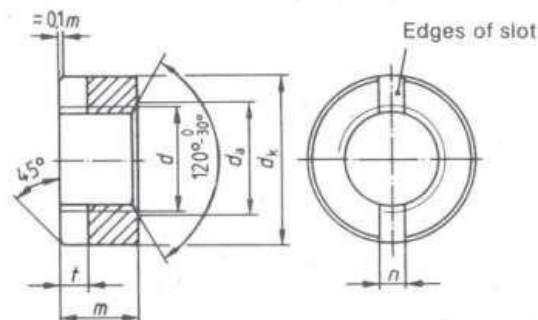




Product Dimensions and Weights

DIN 546 Technical Specifications

Metric DIN 546 Slotted Round Nuts



Dimensions of Metric DIN 546 Slotted Round Nuts

Thread size d	M 1	M 1,2	M 1,4	M 1,6	M 2	M 2,5	M 3	(M 3,5)	M 4
$p^1)$	0,25	0,25	0,3	0,35	0,4	0,45	0,5	0,6	0,7
d_a	min	1	1,2	1,4	1,6	2	2,5	3	3,45
	max	1,15	1,4	1,6	1,84	2,3	2,9	3,5	4
d_k	max = nominal size	2,5	3	3	3,5	4,5	5,5	6	7
	min	2,25	2,75	2,75	3,2	4,2	5,2	5,7	6,64
m	max = nominal size	1	1,2	1,4	1,6	2	2,2	2,5	3
	min	0,75	0,95	1,15	1,35	1,75	1,95	2,25	2,75
n	Nominal size	0,3	0,4	0,4	0,5	1	1,2	1,2	1,4
	min	0,36	0,46	0,46	0,56	1,06	1,26	1,26	1,46
	max	0,5	0,6	0,6	0,7	1,2	1,51	1,51	1,71
t	min	0,3	0,4	0,5	0,6	0,8	0,9	1	1,2
	max	0,5	0,6	0,7	0,8	1	1,1	1,2	1,6
Mass (7,85 kg/dm ³), in kg per 1000 units, approximately		0,034	0,057	0,063	0,1	0,21	0,34	0,43	1,07

continued...



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Thread size d	M 5	M 6	M 8	M 10	M 12	(M 14)	M 16	(M 18)	M 20
$P^{1)}$	0,8	1	1,25	1,5	1,75	2	2	2,5	2,5
d_a	min.	5	6	8	10	12	14	16	18
	max.	5,75	6,75	8,75	10,8	13	15,1	17,3	19,5
d_k	max. = nominal size	9	11	14	18	21	24	26	29
	min.	8,64	10,57	13,57	17,57	20,48	23,48	25,48	28,48
m	max. = nominal size	4,2	5	6,5	8	10	11	12	13
	min.	3,9	4,7	6,14	7,64	9,64	10,57	11,57	12,57
n	Nominal size	2	2,5	3	3,5	4	4	4	5
	min.	2,06	2,56	3,06	3,57	4,07	4,07	4,07	5,07
	max.	2,31	2,81	3,31	3,87	4,37	4,37	4,37	5,37
t	min.	1,5	2	2,5	3,2	3,8	3,8	3,8	4,8
	max.	1,9	2,4	3	3,7	4,3	4,3	4,3	5,5
Mass (7,85 kg/dm ³), in kg per 1000 units, approximately	1,8	2,73	5,57	11,5	21,5	27,1	36,8	48,4	57,2

¹⁾ P = pitch of thread (coarse pitch thread).

All measurements are in mm

Metric DIN 546 Slotted Round Nuts are typically made of steel or stainless steel used for many applications. The slot cut out on one side of the nut allows it to be easily tightened with a slotted screwdriver. Unique Fasteners offers the following sizes for immediate delivery from stock: Diameters ranging from M1 to M20.

DIN (Deutsches Institut für Normung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as metric DIN 546 slotted round nuts. 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.