

Acorn Nuts

Metric Nickel Plated Acorn Nuts

- DIN 1587 specification.



Thread - Coarse		
Diameter	Thread Size	Part No.
M3	0.5	90660
M4	0.7	90661
M5	0.8	90662
M6	1.0	90663
M8	1.25	90664
M10	1.5	90665
M12	1.75	90666
M16	2.0	90667
M20	2.5	90668

Wing Nuts

Metric Cold Forged Wing Nuts

- These nuts are easy to use for applications that require frequent adjustments. You can tighten or loosen by hand.



Thread - Coarse			
Diameter	Thread Size	Wing Spread	Part No.
M3	0.5	17.6mm	90670
M4	0.7	20mm	90671
M5	0.8	26mm	90672
M6	1.0	33mm	90673
M8	1.25	39mm	90674
M10	1.5	52mm	90675
M12	1.75	65mm	90676

Coupling Nuts

Metric Coupling Nuts

Coupling nuts are used in joining threaded rods where span of application exceeds 144" or where a threaded fitting is used with threaded rod in suspension applications.

- DIN 6334 specification.



Thread - Coarse			
Diameter	Thread Size	Length	Part No.
M6	1.0	18mm	0161913
M8	1.25	24mm	0161914
M10	1.5	30mm	0161915
M12	1.75	36mm	0161916
M16	2.0	48mm	0161917
M20	2.5	60mm	0161918
M24	3.0	72mm	0161919
M30	3.5	90mm	0161920

Lock Nuts

Metric K-Lock Nuts (Keps Nuts)

K-Lock nuts are a general purpose nuts for moderate load assemblies. They consist of a nut assembled with a free spinning washer. The teeth pattern of the washer bite into both the nut and the base material to prevent loosening caused by vibration.



Thread - Coarse		
Diameter	Thread Size	Part No.
M3	0.5	34860
M4	0.7	34861
M5	0.8	34862
M6	1.0	34863

Flat Washers

Metric Flat Washers

Flat washers are used typically under the head of a bolt or a nut to distribute the forces applied when tightening.



- DIN 125 specification is comparable to ISO 7089 or 7090.

Nominal Size	Inner Diameter	Outer Diameter	Plain Part No.	Zinc Part No.	Yellow Zinc Part No.
M2	2.2mm	5mm	40215	40350	-
M2.5	2.7mm	6mm	-	40351	-
M3	3.2mm	7mm	40217	40352	0161860
M3.5	3.7mm	8mm	-	0145158	-
M4	4.3mm	9mm	40218	40353	0161861
M5	5.3mm	10mm	40219	40354	0161862
M6	6.4mm	12.5mm	40220	40355	0161863
M7	7.4mm	14mm	40221	40356	-
M8	8.4mm	16mm	-	40357	MW6380000YZ0000
M8	8.4mm	17mm	40222	-	0161864
M10	10.5mm	21mm	40223	40358	MW6400000YZ0000
M12	13mm	24mm	40224	40359	MW6420000YZ0000
M14	15mm	28mm	40225	40360	0161865
M16	17mm	30mm	40226	40361	MW6460000YZ0000
M18	19mm	34mm	40227	40362	0161866
M20	21mm	37mm	40228	40363	MW6500000YZ0000
M22	23mm	39mm	40229	40364	0161867
M24	25mm	44mm	40230	40365	MW6540000YZ0000
M27	28mm	50mm	40231	40366	0161868
M30	31mm	56mm	40232	40367	MW6600000YZ0000
M33	34mm	60mm	40233	41040	-
M36	37mm	66mm	40234	40368	-
M42	43mm	78mm	40234	40369	-
M45	46mm	85mm	40989	-	-
M48	50mm	92mm	40235	40370	-

Metric HV200 Flat Washers

HV200 Washers have a medium-hardness.

- ISO 7089 or ISO 7090.



Nominal Size	Inner Diameter	Outer Diameter	Plain Part No.	Zinc Part No.	Yellow Zinc Part No.
M4	4.3mm	9mm	11103679	11103691	11103704
M5	5.3mm	10mm	11103680	0153659	11103705
M6	6.4mm	12mm	11103681	0153660	11103706
M7	7.4mm	14mm	-	11103694	11103707
M8	8.4mm	16mm	11103682	0153661	11103708
M10	10.5mm	20mm	11103683	0153662	11103709
M12	13mm	24mm	11103684	11103697	11103710
M14	15mm	28mm	11103685	11103698	11103711
M16	17mm	30mm	11103686	11103699	11103712
M18	19mm	34mm	11103687	11103700	11103713
M20	21mm	37mm	11103688	11103701	11103714
M22	23mm	39mm	11103689	11103702	11103715
M24	25mm	44mm	11103690	11103703	11103716

Fender Washers

Metric Fender Washers

Also known as Plaster washers these special sized washers have an extra-wide bearing size for screw heads to eliminate the need for patching holes. This also permits the using of smaller size screws that might otherwise be needed.

- DIN 9021 specification is comparable to ISO 7089.



Nominal Size	Outer Diameter	Inner Diameter	Steel Part No.
M3	9mm	3.2mm	38400
M4	12mm	4.3mm	38401
M5	15mm	5.3mm	38402
M6	18mm	6.4mm	38403
M8	25mm	8.4mm	38404
M10	30mm	10.5mm	38405
M12	37mm	13mm	38406
M16	50mm	17mm	38407

Structural Washers

Metric Structural Washers

Structural Washers to be used with A325 and A490 Structural Bolts. Plain Finish, or bare metal finish which may contain a light coating of oil.

- DIN EN 14399 specification.



Nominal Size	Outer Diameter	Inner Diameter	Nominal Thickness	Plain Part No.
M12	24mm	13mm	3.30mm	34880
M14	27mm	15mm	1.60mm	34881
M16	30mm	17mm	4.30mm	34882
M20	37mm	21mm	4.30mm	34883
M22	39mm	23mm	4.30mm	34884
M24	44mm	25mm	4.30mm	34885
M30	56mm	31mm	5.60mm	34886
M36	66mm	37mm	6.60mm	34887



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