DIN/ISO- AND STANDARD PARTS

WÜRTH

SCREWS METRIC

Hex Head Screws

Hex Head Screw with Shaft

ISO 4014 replacing DIN 931
- Steel 8.8, galvanized 0053...
- Steel 8.8, galvanized thick-film 41455...
- Steel 8.8, galv. thick-film w. sealing 41450...
- Steel 8.8, plain 0051...
- Steel 8.8, zinc flake 41454...
- Steel 8.8, zinc-nickel 41459...
- Steel 8.8, zinc-nickel black 41456...
- Steel 8.8, hot-dip galvanized 4151...
- Steel 10.9, galvanized 01050...
- Steel 10.9, galvanized thick-film 1465...
- Steel 10.9, galv. thick-film w. sealing 41460...
- Steel 10.9, plain 0052...
- Steel 10.9, zinc flake 41464...
- Steel 10.9, zinc-nickel 41469...
- Steel 12.9, plain 0054...
- Steel 12.9, zinc flake 41644...
- Stainless steel A2-70, plain 0095...
- Stainless steel A4-70, plain 0090...
- Stainless steel A4-80, plain 4170...

For pressure tanks
- Steel 5.6, galvanized 00659...
- Steel 5.6, plain 00658...
- Steel 25CrMo4, plain 51731...
- Steel 25CrMo4, galvanized 51734...
- Stainless steel A2-70, plain 00932...
- Stainless steel A4-70, plain 00922...

DIN 931 replaced by ISO 4014
Partly only dimensions M10, M12, M14 and M22 available, because these dimensions have a different width across flats compared to ISO 4014
- Steel 8.8, galvanized 0053...
- Steel 8.8, galvanized thick-film 41851...
- Steel 8.8, plain 0051...
- Steel 8.8, hot-dip galvanized 00596...
- Steel 10.9, galvanized 01050...
- Steel 10.9, galvanized thick-film 1475...
- Steel 10.9, plain 0052...
- Steel 12.9, plain 0054...
- Stainless steel A2-70, plain 0095...
- Stainless steel A4-70, plain 0090...

ISO 4016 replacing DIN 601
Product class C
- Steel 4.6, galvanized with nut 00789...

DIN 601 replaced by ISO 4016
Product class C
- Steel 4.6, galvanized with nut 0078...
- Steel 4.6, plain with nut 0077...

Hex Head Screw with Shaft and Fine Thread

ISO 8765 replacing DIN 960
- Steel 8.8, galvanized thick-film 41605...
- Steel 8.8, galv. thick-film w. sealing 41600...
- Steel 8.8, zinc flake 41604...
- Steel 10.9, galvanized thick-film 41615...
- Steel 10.9, zinc flake 41614...
- Steel 10.9, zinc-nickel 41619...

DIN 960 replaced by ISO 8765
- Steel 8.8, galvanized 00636...
- Steel 8.8, galvanized thick-film 41860...
- Steel 8.8, plain 00635...
- Steel 10.9, galvanized 00634...
- Steel 10.9, galvanized thick-film 41861...
- Steel 10.9, plain 00630...
- Steel 10.9, zinc-nickel 02634...

Hex Head Screw Fully Threaded

ISO 4017 replacing DIN 933
- Steel 8.8, galvanized 00579...
- Steel 8.8, galvanized thick-film 41475...
- Steel 8.8, galv. thick-film w. sealing 41470...
- Steel 8.8, plain 0055...
- Steel 8.8, zinc flake 41474...
- Steel 8.8, zinc-nickel 41479...
- Steel 8.8, zinc-nickel black 41476...
- Steel 8.8, hot-dip galvanized 4153...
- Steel 10.9, galvanized 01070...
- Steel 10.9, galvanized thick-film 41485...
- Steel 10.9, galv. thick-film w. sealing 41480...
- Steel 10.9, plain 00569...
- Steel 10.9, zinc flake 41484...
- Steel 10.9, zinc-nickel 41489...
- Steel 12.9, plain 0061...
- Steel 12.9, zinc flake 41654...
- Stainless Steel A2-70, plain 0096...
- Stainless Steel A2-80, plain 00960...
- Stainless Steel A4-70, plain 00919...
- Stainless Steel A4-80, plain 00910...
- Brass, plain 41471...
- Brass, nickel-plated 41472...
- Polyamidee PA 6.6 027803...

For pressure vessel construction
- Steel 5.6, galvanized 00650...
- Steel 25CrMo4, plain 51732...
- Steel 25CrMo4, galvanized 51733...
- Stainless steel A2-70, plain 00933...
- Stainless steel A4-70, plain 00923...

DIN 933 replaced by ISO 4017
Partly only dimensions M10, M12, M14 and M22 available, because these dimensions have a different width across flats compared to ISO 4017
- Steel 8.8, galvanized 0057...
- Steel 8.8, galvanized thick-film 41852...
- Steel 8.8, galvanized, slotted 09725...
- Steel 8.8, plain 0055...
- Steel 8.8, hot-dip galvanized 00597...
- Steel 10.9, galvanized 01070...
- Steel 10.9, galvanized thick-film 41853...
- Steel 10.9, plain 0056...
- Steel 12.9, plain 0061...
- Stainless Steel A2-70, plain 0096...
- Stainless steel A2-80, plain 00960...
- Stainless steel A4-70, plain 0091...
- Stainless steel A4-80, plain 00910...
- Polyamide PA 6.6 027803...

ISO 4018 replacing DIN 558
Product class C
- Steel 4.6, galvanized 00819...

DIN 558 replaced by ISO 4018
Product class C
- Steel 4.6, plain 00810...
- Steel 4.6, galvanized 0081...

Hex Head Screw Fully Threaded with Fine Thread

ISO 8676 replacing DIN 961
- Steel 8.8, plain 51301...
- Steel 8.8, galvanized thick-film 41585...
- Steel 8.8, galv. thick-film w. sealing 41580...
- Steel 10.9, galvanized 51303...
- Steel 10.9, galvanized thick-film 41595...
- Steel 10.9, plain 51302...
- Steel 10.9, zinc flake 41594...

DIN 961 replaced by ISO 8676
- Steel 8.8, galvanized 00673...
- Steel 8.8, galvanized thick-film 41862...
- Steel 8.8, plain 00672...
- Steel 8.8, zinc flake 41584...
- Steel 10.9, galvanized 00674...
- Steel 10.9, galvanized thick-film 41863...
- Steel 10.9, galv. thick-film w. sealing 41590...
- Steel 10.9, plain 00676...
- Steel 10.9, zinc-nickel 02635...
- Steel 12.9, plain 00677...

Hexagon Bolt with Flange

EN 1665 replacing DIN 6921
- Steel 8.8, galvanized 01036...
- Steel 8.8, galvanized thick-film 41625...
- Steel 8.8, galv. thick-film w. sealing 41620...
- Steel 8.8, plain 01032...
- Steel 8.8, zinc flake 41624...
- Steel 8.8, zinc-nickel 41629...
- Steel 8.8, zinc-nickel black 41626...
- Steel 10.9, galvanized 01038...
- Steel 10.9, galv. thick-film w. sealing 41630...
- Steel 10.9, plain 01033...
- Steel 10.9, zinc flake 41634...
- Steel 10.9, zinc-nickel 41639...

DIN 6921 replaced by EN 1665
- Steel 8.8, galvanized 027392...
- Steel 8.8, galvanized thick-film 41255...
- Steel 8.8, plain 41258...
- Steel 10.9, galvanized 41261...
- Steel 10.9, galvanized thick-film 41265...
- Steel 10.9, plain 41268...
- Stainless steel A2-70, plain 01010...

Socket Screws

Socket Head Cap Screw with Hexalobular

ISO 14579 no previous norm
- Steel 8.8, galvanized 40251...
- Steel 12.9, plain 40268...
- Stainless steel A2-70, plain 4027...

Socket Head Cap Screw with Hexalobular, Low Head

ISO 14580 no previous standard
- Steel 8.8, galvanized 4000...
- Steel 8.8, galvanized thick-film 40325...
- Steel 8.8, plain 40008...
- Steel 8.8, zinc flake 40004...
- Steel 8.8, zinc-nickel 40009...
- Steel 8.8, zinc-nickel black 40006...
- Steel 10.9, galvanized 40011...
- Stainless steel A2-70, plain 4002...

Socket Head Cap Screw

ISO 4762 replacing DIN 912 with regular thread
- Steel 8.8, galvanized 0084...
- Steel 8.8, galvanized thick-film 41495...
- Steel 8.8, galv. thick-film w. sealing 41490...
- Steel 8.8, plain 00824...
- Steel 8.8, zinc flake 41494...
- Steel 8.8, zinc-nickel 41499...
- Steel 8.8, zinc-nickel black 41496...
- Steel 10.9, galvanized 0108...
- Steel 10.9, galvanized thick-film 41505...
- Steel 10.9, galv. thick-film w. sealing 41500...
- Steel 10.9, plain 0108...
- Steel 10.9, zinc flake 41504...
- Steel 10.9, zinc-nickel 41509...
- Steel 10.9, zinc-nickel black 41506...
- Steel 12.9, plain 00834...
- Steel 12.9, zinc flake 41664...
- Stainless steel A2-70, plain 00942...
- Stainless steel A2-80, plain 00940...
- Stainless steel A4-70, plain 0097...
- Stainless steel A4-80, plain 00970...
- Brass, plain 51211...

Fully threaded
- Steel 8.8, galvanized 00847...
- Steel 8.8, plain 00829...
- Steel 12.9, plain 00839...
- Stainless steel A2-70, plain 00947...

Socket Head Cap Screw with Fine Thread

ISO 12474 replacing DIN 912 with fine thread
- Steel 8.8, galvanized 0084...
- Steel 8.8, galvanized thick-film 41870...
- Steel 8.8, plain 0082...
- Steel 10.9, galvanized 0108...
- Steel 10.9, galvanized thick-film 41871...
- Steel 10.9, plain 0080...
- Steel 12.9, plain 0083...

Socket Head Cap Screw, Low Head and Pilot Recess

DIN 6912 DIN is valid
- Steel 08.8, galvanized 0086...
- Steel 08.8, galvanized thick-film 00887...
- Steel 08.8, plain 0088...
- Steel 010.9, galvanized 01093...
- Steel 010.9, galvanized thick-film 01098...
- Steel 010.9, plain 0109...
- Stainless steel A2-070, plain 0098...
- Stainless steel A4-070, plain 0099...

Socket Head Cap Screw, Low Head

DIN 7984 DIN is valid
- Steel 08.8, galvanized 00850...
- Steel 08.8, galvanized thick-film 41790...
- Steel 08.8, plain 00855...
- Steel 010.9, galvanized 0040740...
- Steel 010.9, galvanized thick-film 41791...
- Steel 010.9, plain 00857...
- Stainless steel A2-070, plain 0292...
- Stainless steel A4-070, plain 0297...

Socket Head Cap Screw Slotted

ISO 1207 replacing DIN 84
- Steel 4.8, galvanized 51345...
- Steel 4.8, galvanized thick-film 51349...
- Stainless steel A2-70, plain 51341...
- Polyamide PA 6.6 51343...

DIN 84 replaced by ISO 1207
- Steel 4.8, galvanized 00401...
- Steel 4.8, plain 00400...
- Steel 4.8, nickel-plated 00409...
- Steel 5.8, galvanized 004071...
- Steel 5.8, nickel-plated 004076...
- Steel 8.8, galvanized 004052...
- Steel 8.8, plain 00404...
- Stainless Steel A2-70, plain 02872...
- Stainless Steel A4-70, plain 0289...
- Brass, plain 0001...
- Brass, nickel-plated 0017...
- Polyamide PA 6.6 0278...

Countersunk Screws

Countersunk Screw with Hexalobular

ISO 14581 no previous standard
- Steel 08.8, galvanized 40231...
- Steel 08.8, galvanized thick-film 40125...
- Steel 08.8, plain 40238...
- Steel 08.8, zinc flake 40124...
- Steel 08.8, zinc-nickel 40129...
- Steel 08.8, zinc-nickel black 40126...
- Stainless steel A2-070, plain 4024...
- Stainless steel A4-070, plain 4033...

Countersunk Screw with Hexagon Socket

ISO 10642 replacing DIN 7991
- Steel 08.8, galvanized 0087...
- Steel 08.8, galvanized thick-film 41225...
- Steel 08.8, galv. thick-film w. sealing 41220...
- Steel 08.8, plain 00870...
- Steel 08.8, zinc flake 41224...
- Steel 08.8, zinc-nickel 41229...
- Steel 08.8, zinc-nickel black 41226...
- Steel 010.9, galvanized 00890...
- Steel 010.9, galvanized thick-film 41235...
- Steel 010.9, plain 0089...
- Steel 010.9, zinc flake 41234...
- Steel 010.9, zinc-nickel 41239...
- Steel 010.9, zinc-nickel black 412364...
- Steel 012.9, plain 51084...
- Stainless steel A2-070, plain 0100...
- Stainless steel A4-070, plain 02992...

Countersunk Screw with Recessed Head

ISO 7046 replacing DIN 965
With cross recess H
- Steel 4.8, galvanized 510400...
- Steel 4.8, zinc-nickel black 51046...
- Steel 8.8, galvanized 510450...
- Steel 8.8, galvanized thick-film 40305...
- Stainless steel A2-70, plain 510500...
- Stainless steel A4-70, plain 51051...

DIN 965 replaced by ISO 7046
With cross recess H
- Steel 4.8, galvanized 0048...
- Steel 4.8, plain 00480...
- Steel 4.8, nickel-plated 00485...
- Steel 8.8, galvanized 0048610...
- Steel 8.8, plain 0048600...
- Stainless steel A2-70, plain 0281...
- Stainless steel A4-70, plain 0298...

With slotted head Z
- Steel 4.8, galvanized 0048410...
- Steel 4.8, plain 0048110...
- Steel 4.8, chrome-plated 00484...
- Stainless steel A2-70, plain 0281010...

Countersunk Screw Slotted

ISO 2009 replacing DIN 963
- Steel 4.8, galvanized 51121...

DIN 963 replaced by ISO 2009
- Steel 4.8, galvanized 0039...
- Steel 4.8, plain 00390...
- Steel 4.8, nickel-plated 003910...
- Steel 8.8, galvanized 00399...
- Steel 8.8, plain 00390...
- Brass, plain 0000...
- Brass, nickel-plated 00009...
- Stainless steel A2-70, plain 0286...
- Stainless steel A4-70, plain 0288...

Raised Countersunk Screw with Recessed Head

ISO 7047 replacing DIN 966
With cross recess H
- Steel 4.8, galvanized 510600...
- Steel 4.8, zinc-nickel black 51072...
- Steel 8.8, galvanized thick-film 40315...
- Steel 8.8, zinc-nickel 40319...
- Stainless steel A2-70, plain 510700...

DIN 966 replaced by ISO 7047
With cross recess H
- Steel 4.8, galvanized 0049...
- Steel 4.8, plain 00497...
- Steel 4.8, nickel-plated 004912...
- Steel 4.8, chrome-plated 0049110...
- Stainless steel A2-70, plain 0282...
- Stainless steel A4-70, plain 0294...

With cross recess Z
- Steel 4.8, galvanized 0049410...
- Steel 4.8, plain 0049400...
- Stainless steel A2-70, plain 02829...

Raised Countersunk Screw Slotted

DIN 964 replaced by ISO 2010
- Steel 4.8, galvanized 0044...
- Steel 4.8, plain 00440...
- Steel 4.8, nickel-plated 004440...
- Steel 4.8, chrome-plated 004420...
- Stainless steel A2-70, plain 0290...
- Stainless steel A4-70, plain 0296...
- Brass, plain 00210...
- Brass, nickel-plated 0021...

Screws Flat-, Half-round-, and Filister Head

Flat-head Screw with Hexalobular Head

ISO 14583 no previous standard
- Steel 4.8, galvanized 40281...
- Steel 4.8, plain 40041...
- Steel 8.8, galvanized thick-film 40045...
- Steel 8.8, zinc-nickel 40049...
- Steel 8.8, zinc-nickel black 40046...
- Steel 10.9, galvanized 40051...
- Stainless steel A2-70, plain 4006...
- Stainless steel A4-70, plain 4007...

Hexalobular Socket Button Head Screw

WN 7380-1 similar to ISO 7380-1
- Steel 010.9, galvanized 42111...
- Steel 010.9, plain 42118...
- Stainless steel A2-070, plain 4212...

Hexagon Socket Button Head Screw

ISO 7380-1 no previous standard
- Steel 010.9, galvanized 006001...
- Steel 010.9, galvanized thick-film 42525...
- Steel 010.9, galv. thick-film w. sealing 42520...
- Steel 010.9, plain 006002...
- Steel 010.9, zinc flake 42524...
- Steel 010.9, zinc-nickel 42529...
- Steel 010.9, zinc-nickel black 42526...
- Stainless steel A2-070, plain 009801...
- Stainless steel A4-070, plain 009901...

Hexalobular Socket Button Head Screw with Collar

WN 7380-2 similar to ISO 7380-2
- Steel 010.9, plain 42138...
- Steel 010.9, galvanized 42131...
- Stainless steel A2-070, plain 4214...

Hexagon Socket Button Head Screw with Collar

ISO 7380-2 no previous standard
- Steel 010.9, galvanized 006000...
- Steel 010.9, galvanized thick-film 42535...
- Steel 010.9, plain 006003...
- Steel 010.9, zinc flake 42534...
- Steel 010.9, zinc-nickel 42539...
- Steel 010.9, zinc-nickel black 42536...
- Stainless steel A2-070, plain 009802

Flat-head Screw with Cross Recess

ISO 7045 replacing DIN 7985
With cross recess H
- Steel 4.8, galvanized 510300...
- Steel 4.8, galvanized thick-film 40365...
- Steel 8.8, galvanized thick-film 40295...
- Stainless Steel A2-70, plain 51034...
- Stainless Steel A4-70, plain 51035...

With cross recess Z
- Stainless steel A2-70, plain 51031...

Oval-head Screws with Cross Recess

DIN 7985 replaced by ISO 7045
With cross recess H
- Steel 4.8, galvanized 0046...
- Steel 4.8, plain 00460...
- Steel 4.8, nickel-plated 00469...
- Steel 4.8, chrome-plated 00462...
- Steel 8.8, plain 0046000...
- Stainless steel A2-70, plain 0283...
- Stainless steel A4-70, plain 0293...

With cross recess Z
- Steel 4.8, galvanized 004641...
- Steel 4.8, plain 0046110...
- Steel 4.8, nickel-plated 0046510...
- Steel 8.8, galvanized 0046420...
- Stainless steel A2-70, plain 02839...
- Stainless steel A4-70, plain 02939...

Flat-head Screw Slotted

DIN 85 replaced by ISO 1580
- Steel 4.8, galvanized 0041...
- Steel 4.8, plain 00410...
- Steel 4.8, nickel-plated 00419...
- Stainless steel A2-70, plain 0271...
- Stainless steel A4-70, plain 0285...
- Brass, plain 00012...
- Brass, nickel-plated 00013...
- Polyamide PA6.6 02780...

Flat-head Screw Slotted with Small Head

DIN 920 DIN is valid
- Steel 5.8, galvanized 025919...
- Steel 5.8, plain 02591...

Flat-head Screw Slotted with Large Head

DIN 921 DIN is valid
- Steel 5.8, galvanized 025929...
- Steel 5.8, plain 02592...

Flat-head Screw Slotted with Shoulder

DIN 923 DIN is valid
- Steel 5.8, galvanized 025949...
- Steel 5.8, plain 02594...
- Stainless steel A1, plain 025952...

Screws Head Serrated

Hex Head Serrated Screw with Flange

In-house standard
- Steel 100, plain 027390...
- Steel 100, zinc flake 02633...

Hexagon head serrated screw with fine thread (starting at M12)
- Steel 10.9, zinc-nickel 02632...

Hex Head Serrated Screw with Flange Verbus®

In-house standard
- Steel 100, plain 41428...
- Steel 100, zinc flake 41424...

Cylinder Head Serrated Screw with Hexagon Socket Verbus®

In-house standard
- Steel 100, galvanized 41441...
- Steel 100, plain 41448...

Hexagon Head Serrated Screw with Flange

In-house standard
- Steel 8.8, galvanized 02740...
- Stainless steel A2-70, plain 41720...

Cheese Head Screw with Hexagon Socket and Underhead Toothing

WN 4762 similar to ISO 4762
- Stainless steel A2-70, plain 00949...

Shoulder Screws

Hexagon Shoulder Screw with Long Threaded Pin

DIN 609 is valid
Tolerance class k6
- Steel 8.8, galvanized 00501...
- Steel 8.8, plain 00500...
- Steel 10.9, plain 00503...

Hexagon Shoulder Screw with Short Threaded Pin

DIN 610 is valid
Not for new constructions. Commendation DIN 609
Tolerance class k6
- Steel 8.8, galvanized 00506...
- Steel 8.8, plain 00505...
- Steel 10.9, plain 00504...

Hexagon Socket Head Shoulder Screw

ISO 7379 no previous standard
Tolerance class f9
- Steel 012.9, plain 41188...
- Stainless steel A2-050, plain 51330...

Tolerance class h8
- Steel 012.9, plain 41198...

Studs

Stud with Threaded End = 2d

DIN 835 is valid
- Steel 5.8, galvanized 4242...
- Steel 5.8, galvanized thick-film 42435...
- Steel 5.8, plain 4241...
- Steel 8.8, galvanized 42452...
- Steel 8.8, galvanized thick-film 42465...
- Steel 8.8, plain 4244...
- Steel 10.9, plain 4247...
- Steel 10.9, zinc flake 42479...

Stud with Threaded End = 1d

DIN 938 is valid
- Steel 5.8, galvanized 0258...
- Steel 8.8, galvanized 02584...
- Steel 8.8, plain 02583...
- Steel 10.9, galvanized 02587...
- Steel 10.9, plain 02586...
- Stainless steel A2-70, plain 02729...
- Stainless steel A4-70, plain 02779...

Stud with Threaded End = 1,25d

DIN 939 is valid
- Steel 5.8, galvanized 02506...
- Steel 5.8, galvanized thick-film 44780...
- Steel 5.8, plain 0250...
- Steel 8.8, galvanized 02500...
- Steel 8.8, galvanized thick-film 44781...
- Steel 8.8, plain 02508...
- Steel 8.8, zinc flake 02727...
- Steel 10.9, galvanized thick-film 44782...
- Stainless steel A2-70, plain 0272...
- Stainless steel A4-70, plain 0277...

For pressure vessel construction
- Stainless steel A2-70, plain 00934...
- Stainless steel A4-70, plain 00924...

Safety Screws

Countersunk Hexalobular Tapping Screw with Securing Pin

In-house standard similar to ISO 10642
- Stainless steel A2-70, plain 02840...

Raised Countersunk Hexalobular Tapping Screw with Securing Pin

In-house standard similar to ISO 7380-1
- Stainless steel A2, plain 0284...

Thin-shaft Screw with Savetix® Hexagon Head

In-house standard similar to DIN 933
To fullfill mechanical engineering guidelines
- Stainless Steel A2, plain w. washer 010103...

Thin-shaft Screw with Savetix® Hexagon Socket

In-house standard similar to ISO 4762
To fullfill mechanical engineering guidelines
- Stainless steel A2, plain w. washer 010102...

Other Screws

Eye Bolt

DIN 444 is valid
- Steel 4.6, galvanized 02360...
- Steel 4.6, plain 02367...
- Stainless steel A2, plain 0101...
- Stainless steel A4, plain 0058...

Fully threaded form LB
- Steel 4.6, galvanized 02364...
- Steel 4.6, plain 02366...
- Steel 8.8, galvanized 00584...
- Steel 8.8, plain 00583...
- Stainless steel A2, plain 00589...

Round Head Screw with Square Neck

DIN 603 is valid
- Steel 4.8, galvanized 02237...
- Steel 4.8, zinc flake 00769...
- Steel 8.8, galvanized 02239...
- Steel 8.8, zinc flake 00763...
- Steel 8.8, zinc-nickel silver 00764...
- Stainless steel A2, plain 0226...
- Stainless steel A4, plain 0076...

With nut
- Steel 4.8, galvanized 0223...
- Steel 4.8, plain 02230...
- Steel 4.8, hot-dip galvanized 43571...

With low square neck
- Steel 4.8, galvanized 022399...

Round Head Screw Slotted

In-house standard similar to DIN 603
- Steel 4.8, galvanized 0231...
- Stainless Steel A2, plain 022690...

With nut
- Steel 4.8, galvanized 02319...

Hex Head Sealing Plug, Short Screw-in Pin

DIN 7604 is valid
- Steel, galvanized 0240...
- Steel, plain 02400...

Hex Head Sealing Plug with Collar

DIN 910 is valid
- Steel, galvanized 0241...
- Steel predefined 51599...
- Steel, plain 024100...
- Stainless steel A4, plain 025105...

Inch thread
- Steel, galvanized 02415...
- Steel, plain 0241500...
- Stainless steel A4, plain 025104...

Hexagon Socket Screw-in Nut, Tapered Thread

DIN 906 is valid
- Steel, galvanized 02417...
- Steel, predefined 024177...
- Steel, plain 024175...
- Stainless steel A4, plain 025101...

Inch thread
- Steel, galvanized 02418700...
- Steel, plain 024174000...
- Stainless steel A4, plain 025100...
- Brass, plain 024108...

Hexagon Socket Screw-in Nut with Collar

DIN 908 is valid
- Steel, galvanized 02418...
- Steel, predefined 024178...
- Steel, plain 024185...
- Stainless steel A4, plain 025103...

Inch thread
- Steel, galvanized 024176...
- Steel, plain 02417600...
- Stainless steel A4, plain 025102...
- Brass, plain 51591...

THREADED PINS, BARS AND FITTINGS

Threaded Pins and Bars

Threaded Pin

DIN 976 is valid
- Steel 4.8, galvanized 0958...
- Steel 4.8, plain 0950...
- Steel 4.8U, hot-dip galvanized 09587...
- Steel 8.8, galvanized 0959...
- Steel 8.8, plain 095911...
- Steel 8.8U, hot-dip galvanized 0959700...
- Steel 10.9, plain 09590000...
- Steel 12.9, plain 09590005...
- Stainless steel A2-70, plain 0954002...
- Stainless steel A4-70, plain 0953...
- Brass, plain 0951...
- Polyamide PA 6.6 0952...

With fine thread
- Steel 4.8, galvanized 095881...
- Steel 4.8, plain 095880...
- Steel 8.8, galvanized 09590...
- Steel 8.8, plain 095987...

With trapezoid thread
- Steel C15, plain 0950790...

Threaded Fitting

DIN 976 is valid
With left-hand thread
- Steel 4.8, galvanized 095891...
- Steel 4.8, plain 095890...
- Steel 8.8, galvanized 095998...
- Steel 8.8, galvanized thick-film 50657...
- Steel 8.8, plain 095997...
- Steel 8.8U, hot-dip galvanized 0959710...
- Stainless steel A2-70, plain 0954990...
- Stainless steel A4-70, plain 0953091...

Threaded Rod

DIN 976 is valid
- Steel 4.8, galvanized 09589...
- Steel 4.8, plain 0950...
- Steel 8.8, galvanized 09590...
- Steel 8.8, galvanized thick-film 50667...
- Stainless steel A2-70, plain 09549...
- Stainless steel A4-70, plain 09539...
- Brass, nickel-plated 095119...

Spring Plunger

Spring Plunger, Ball

In-house standard
- Steel 5.8, plain 50991010...
- Stainless steel, plain 50992011...

With increased spring tension
- Steel 5.8, plain 50991011...
- Stainless steel, plain 50992011...

Spring Plunger, Thrust Pin

In-house standard
- Steel 5.8, plain 50991013...
- Stainless steel, plain 50992012...
- Steel 5.8, plain
- Thrust pin POM 50991014...

Spring Plunger, Smooth Version

In-house standard
- Stainless steel, plain 50992014...

Spring Plunger w

In-house standard
- Steel 5.8, plain 50991015...

Set Screws

Hexagon Socket Set Screw with Flat Point

ISO 4026 replacing DIN 913
- Steel 45H, galvanized 02550...
- Steel 45H, plain 02551...
- Stainless steel A1-12H, plain 02617...
- Stainless steel A2-21H, plain 0261...
- Stainless steel A4-21H, plain 0221...

Hexagon Socket Set Screw with Cone Point

ISO 4027 replacing DIN 914
- Steel 45H, galvanized 02560...
- Steel 45H, plain 0256...
- Stainless steel A2-21H, plain 0262...
- Stainless steel A4-21H plain 0269...

Hexagon Socket Set Screw with Dog Point

ISO 4028 replacing DIN 915
- Steel 45H, galvanized 02570...
- Steel 45H, plain 0257...
- Stainless steel A2-21H, plain 0222...
- Stainless steel A4-21H, plain 0266...

Hexagon Socket Set Screw with Cup Point

ISO 4029 replacing DIN 916
- Steel 45H, galvanized 02540...
- Steel 45H, plain 0254...
- Stainless steel A2-21H, plain 0244...
- Stainless steel A4-21H, plain 02699...

Slotted Set Screw with Ring Cutter

DIN 438 replaced by ISO 7436
- Steel 14H, galvanized 0253200...
- Steel 14H, plain 0253210...

Slotted Set Screw with Truncated Cone

DIN 551 replaced by ISO 4766
- Steel 14H, galvanized 025331...
- Steel 14H, plain 025330...
- Stainless steel A1, plain 02610...
- Stainless steel A4, plain 02210...

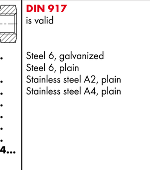
Slotted Set Screw with Tip

DIN 553 replaced by ISO 7434
- Steel 14H, galvanized 025341...
- Steel 14H, plain 025340...
- Stainless steel A1, plain 02619...
- Stainless steel A4, plain 02219...

Slotted Headless Screw with Flat Point

DIN 427 replaced by ISO 2342
- Steel 14H, galvanized 025311...
- Steel 14H, plain 025310...
- Stainless Steel A2, plain 027200...
- Stainless Steel A4, plain 027700...

NUTS



Hexagon Nuts

Hexagon Nut

ISO 4032 replacing DIN 934 with regular thread
- Steel 6/8, galvanized 03179...
- Steel 6/8, plain 03109...
- Steel 8, zinc flake 4528402...
- Steel 8, zinc-nickel 4528902...
- Steel 8, zinc-nickel black 4528602...
- Steel 8, hot-dip galvanized 031799...
- Steel 8, galvanized thick-film 4528502...
- Steel 8, galv. thick-film w. sealing 4528002...
- Steel 10, galvanized 8320000...
- Steel 10, galvanized thick-film 4528503...
- Steel 10, galv. thick-film w. sealing 4528003...
- Steel 10, plain 03209...
- Steel 10, zinc flake 4528403...
- Steel 10, zinc-nickel 4528903...
- Steel 10, hot-dip galvanized 4528606...
- Stainless steel A2-70, plain 03229...
- Stainless steel A4-70, plain 03269...
- Stainless steel A4-80, plain 0326999...
- Brass, plain 03009...
- Brass, nickel-plated 03079...
- Polyamide PA 6.6 0323...

For pressure tanks
- Steel 5-2, AD W7, galvanized 0065901...
- Steel 5-2, AD W7, plain 0065902...
- Stainless Steel A2-70, AD W2, plain 00937...
- Stainless steel A4-70, AD W2, plain 00927...
- Steel 25CrMo4, plain 517302...
- Steel 25CrMo4, galvanized 517303...

DIN 934 replaced by ISO 4032/ISO 8673
- Steel I6I/I8I, galvanized 0317...
- Steel I6I/I8I, plain 0310...
- Steel I6I/I8I, hot-dip galvanized 0317000...
- Steel I8I, galvanized thick-film 03175...
- Steel I10I, galvanized 03240...
- Steel I10I, plain 0320...
- Steel I10I, galvanized thick-film 3245...
- Steel I12I, plain 0324899...
- Stainless steel A2, plain 0322..
- Stainless steel A4, plain 0326...
- Brass, plain 0300...
- Brass, nickel-plated 0307...

With fine thread
- Steel I8I, galvanized 0317...
- Steel I8I, plain 0310...
- Steel I10I, galvanized 03240...
- Steel I10I, plain 0320...
- Stainless steel A2, plain 0322...
- Stainless steel A4, plain 0326...

With left-handed thread
- Steel I8I, galvanized 0317111...
- Steel I8I, plain 0312000...

Hexagon Nut with Fine Thread

ISO 8673 replacing DIN 934 with fine thread
- Steel 8, galvanized 03179...
- Steel 8, galvanized thick-film 4531502...
- Steel 8, plain 03109...
- Steel 8, zinc flake 4531403...
- Steel 10, galvanized 5162051...
- Steel 10, galvanized thick-film 4531503...
- Steel 10, plain 032091...

Hexagon Nuts High Pattern

Hexagon Nut, High

ISO 4033 no previous standard
- Steel 10, plain 4529803...
- Stainless steel A2-70, plain 453081...

Hexagon Nut, 1,5d High

DIN 6330 is valid
- Steel 10, galvanized 03497...
- Steel 10, plain 03699...
- Stainless steel A2, plain 037290...
- Stainless steel A4, plain 0349901...

With trapezoid thread
- Steel 5, plain 0369981...

Hexagon Nut, 3d High

WN 6334 In-house standard
- Steel 6, galvanized 03699992...
- Steel 6, plain 03699991...
- Steel 8, galvanized 51402...
- Steel 8, plain 51401...
- Steel 10, galvanized 51404...
- Steel 10, plain 51403...
- Stainless steel A2, plain 51406...
- Stainless steel A4, plain 51407...

Hexagon Nuts Low Pattern

Hexagon Nut, Low with Chamfer

ISO 4035 replacing DIN 439-2
With regular type thread
- Steel 04, galvanized 0318701...
- Steel 04, galvanized thick-film 453550...
- Steel 04, galv. thick-film w. sealing 453500...
- Steel 04, plain 031874...
- Steel 04, zinc flake 453540...
- Steel 04, zinc-nickel 453590...
- Steel 05, galvanized thick-film 453551...
- Steel 05, plain 031873...
- Stainless steel A2-035, plain 4535601...
- Stainless steel A4-035, plain 4535603...

ISO 8675 replacing DIN 439-2
With fine thread
- Steel 04, galvanized 031870...
- Steel 04, galvanized thick-film 453650...
- Steel 04, plain 031875...
- Steel 04, zinc flake 453640...
- Steel 05, galvanized 031870...
- Steel 05, galvanized thick-film 453750...
- Steel 05, plain 031873...
- Stainless steel A2-035, plain 031876...

DIN 439-2 replaced by ISO 4035/ISO 8675
- Steel 04, galvanized 0318...
- Steel 04, plain 0311...
- Stainless steel A2, plain 0328...
- Stainless steel A4, plain 0334...
- Brass, plain 0301...

With fine thread
- Steel 04, galvanized 0318...
- Steel 04, plain 0311...
- Stainless steel A2, plain 0328...
- Stainless steel A4, plain 0334...
- Brass, plain 0301...

Hexagon Nut, Flat

DIN 936 withdrawn
- Steel 04/17H, galvanized 0319...
- Steel 04/17H, galvanized thick-film 031915...
- Steel 04/17H, plain 031973...

With fine thread
- Steel 04/17H, galvanized 0319...
- Steel 04/17H, plain 031978...

With left-handed thread
- Steel 04/17H, galvanized 0319000..

Hexagon Nut with Small Width Across Flats and Fine Thread

DIN 80705 is valid
With fine thread
- Steel 14H, galvanized 4453...
- Steel 14H, galvanized thick-film 44545...
- Steel 14H, plain 4451...

Hexagon Nuts with Flange or Collar

Hexagon Nut with Flange

EN 1661 replacing DIN 6923
- Steel 8, galvanized 03792...
- Steel 8, galvanized thick-film 4537502...
- Steel 8, galv. thick-film w. sealing 4537002...
- Steel 8, zinc flake 4537402...
- Steel 8, zinc-nickel 4537902...
- Steel 10, galvanized 037930...
- Steel 10, galvanized thick-film 4537503...
- Steel 10, galv. thick-film w. sealing 4537003...
- Steel 10, zinc flake 4537403...
- Steel 10, zinc-nickel 4537903...
- Steel 10, zinc-nickel black 4537603...
- Stainless steel A2-70, plain 4537904...

DIN 6923 replaced by EN 1661
- Steel 8, galvanized 03790000...
- Steel 8, plain 039400...

Hexagon Nut with Collar, 1,5d High

DIN 6331 is valid
- Steel 10, galvanized 0369800...
- Steel 10, plain 03698...
- Stainless steel A2, plain 0372...
- Stainless steel A4, plain 0349902...

Cap Nuts

Hexagon Dome Cap Nut, High

DIN 1587 is valid
- Steel 6, galvanized 0356...
- Steel 6, galvanized thick-film 3565
- Steel 6, plain 0358...
- Stainless steel A2, plain 0348...
- Stainless steel A4, plain 0349...
- Brass, plain 0350...
- Brass, nickel-plated 0352...
- Brass, chrome-plated 0352...
- Polyamide PA 6.6 035894...

With fine thread
- Steel 6, galvanized 0356...
- Stainless steel A2, plain 0348...

Hexagon Dome Cap Nut, Low

DIN 917 is valid
- Steel 6, galvanized 0357...
- Steel 6, plain 03570...
- Stainless steel A2, plain 0363...
- Stainless steel A4, plain 034901...

Hexagon Nuts Self-locking

Hexagon Nut with Clamping Piece (Non-metal Insert)

ISO 7040 replacing DIN 982
With regular thread
- Steel 8, galvanized 51620002...
- Steel 8, galvanized thick-film 51620001...
- Steel 8, zinc flake 4534402...
- Steel 8, zinc-nickel 4534902...
- Steel 10, galvanized 51620003...
- Steel 10, galvanized thick-film 51620412...
- Steel 10, zinc flake 4534403...
- Steel 10, zinc-nickel 4534903...
- Stainless steel A2-70, plain 51620004...

With brown ring
- Steel 10, galvanized 51620401...
- Stainless steel A2-70, plain 4534901...

ISO 10512 replacing DIN 982 with fine thread
With fine thread
- Steel 8, galvanized 51195...
- Steel 10, galvanized 51196...

DIN 982 replaced by ISO 7040/ISO 10512
- Steel 8, galvanized 0371...
- Steel 8, galvanized thick-film 03715...
- Steel 10, galvanized 0371781...
- Steel 10, galvanized thick-film 03710...
- Stainless steel A2, plain 039101...
- Stainless steel A4, plain 039701...

Hexagon Nut with Clamping Piece, Low (Non-metal Insert)

ISO 10511 replacing DIN 985
- Steel 04, galvanized 51620121...
- Steel 05, galvanized 51620000...
- Steel 05, galv. thick-film w. sealing 51620116...
- Steel 05, zinc-nickel 51620114...
- Steel 05, zinc-nickel black 51620115...
- Stainless steel A2-035, plain 51620001...

DIN 985 replaced by ISO 10511
- Steel I6I/I8I, galvanized 0368...
- Steel I6I/I8I, galvanized thick-film 03685...
- Steel I10I, galvanized 03700...
- Steel I10I, galvanized thick-film 03705...
- Steel I10I, zinc-nickel 02630...
- Stainless steel A2, plain 0391...
- Stainless steel A4, plain 0397...

With fine thread
- Steel I6I/I8I, galvanized 0368...
- Steel I10I, galvanized 03700...
- Stainless steel A2, plain 0391...
- Stainless steel A4, plain 0397...

Hexagon Nut with Clamping Piece (All-metal)

ISO 7042 replacing DIN 980
With regular type thread
- Steel 8, galvanized 036904...
- Steel 8, galvanized thick-film 036909...
- Steel 8, zinc flake 4533402...
- Steel 8, zinc-nickel 4533902...
- Steel 8, zinc-nickel black 45336024...
- Steel 10, galvanized 036905...
- Steel 10, galvanized thick-film 4533503...
- Steel 10, zinc flake 4533403...
- Steel 10, zinc-nickel 4533903...
- Stainless steel A2-70, plain 036906...
- Stainless steel A4-70, plain 036907...

ISO 10513 replacing DIN 980 with fine thread
With fine thread
- Steel 8, galvanized 036901...
- Steel 10, galvanized 036902...

DIN 980 replaced by ISO 7042/ISO 10513
- Steel 8, galvanized 0369..
- Steel 8, galvanized thick-film 03695...
- Steel 8, copper-plated 0369100...
- Steel 10, galvanized thick-film 03694...
- Stainless steel A2, verzinnt 0380...
- Stainless steel A4, plain 039702...

With fine thread
- Steel 8, galvanized 0369...
- Steel I10I, zinc-nickel 026300...

Hexagon Nuts Self-locking with Flange

Hexagon Nut with Flange and Clamping Piece (Non-metal Insert)

EN 16663 replacing DIN 6926
- Steel 8, galvanized 4526102...
- Steel 8, galv. thick-film w. sealing 4526002...
- Steel 10, galvanized 4526103...
- Steel 10, galv. thick-film w. sealing 4526003...
- Steel 10, zinc-nickel 4526903...

EN 1666 replacing DIN 6926 with fine thread
With fine thread
- Steel 8, galvanized 51197...
- Steel 10, galvanized 51198...

Hexagon Nut with Flange and Clamping Piece (All-metal)

EN 1664 replacing DIN 6927
- Steel 8, galvanized 4527102...
- Steel 8, galvanized thick-film 4527502...
- Steel 10, galvanized 4527103...
- Steel 10, galvanized thick-film 4527503...
- Steel 10, galv. thick-film w. sealing 4527003...

EN 1667 replacing DIN 6927 with fine thread
With fine thread
- Steel 8, galvanized 51190...

Cap Nuts Self-locking

Hexagon Cap Nut with Clamping Piece (Non-metal Insert)

DIN 986 is valid
- Steel 6, galvanized thick-film 0357705...
- Steel 8, galvanized 0357712...
- Steel 8, galvanized thick-film 0357715...
- Steel 10, galvanized thick-film 0357905...
- Stainless steel A2-70, plain 03480...

Nuts Serrated Nuts

Ribbed Nut

In-house standard similar to DIN 6923
- Steel 10, galvanized 027389...
- Steel 10, plain 02739...
- Steel 10, zinc flake 026393...

Nut for frame bolt with fine thread
- Steel 10, zinc-nickel 026392...

Ribbed Nut Verbus®

In-house standard
- Steel 10, galvanized 41429001...
- Steel 10, plain 41429008...
- Steel 10, zinc flake 41429004...

Serrated Hexagon Nut with Flange

In-house standard similar to DIN 6923
- Steel 8, galvanized 03940...
- Stainless Steel A2, plain 03870000...

Other Nuts

Wedge and Wheel Lock Nut

In-house standard
- Steel 10, zinc flake 51405501...

Hexagon Nut with Flange, Self-tapping

In-house standard
- Steel, zinc flake 0209000906

Hexagon Weld Nut with Flange

ISO 21670 is valid
Useable up to and including screw property Class 10.9
- Steel, plain 0399002...

Hexagon Weld Nut

DIN 929 is valid
- Steel, galvanized 03990...
- Steel, plain 0399...
- Stainless steel A2, plain 0306...
- Stainless steel A4, plain 0304...

Square Weld Nut

DIN 928 is valid
- Steel, plain 03850...
- Stainless steel A2, plain 030600...
- Stainless steel A4, plain 030400...

Square Nut

DIN 557 is valid
- Steel 5, galvanized 03370001...
- Steel 5, plain 03370000...
- Stainless steel A2, plain 034440...
- Stainless steel A4, plain 034009...

Square Nut Low Pattern

DIN 562 is valid
- Steel 04, galvanized 0337002...
- Steel 04, plain 0337001...
- Stainless steel A2, plain 0344402...
- Stainless steel A4, plain 0340001...

Slotted Round Nut

DIN 546 ist valid
- Steel, galvanized 0337012...
- Steel, plain 033701...
- Stainless steel A2, plain 0344300...
- Stainless steel A4, plain 0340900...

Insert Nut

In-house standard
- Steel, galvanized 0385002...
- Steel, plain 0385001...
- Stainless steel A2, plain 03870001...

Cage Nut

In-house standard
- Steel, galvanized 0381...

Shear Nut

In-house standard
- Stainless steel A2, plain 034410006

Nut with Trapezoidal Thread

In-house standard
Round nut
- Steel 5, plain 0369982...

Hexagonal nut
- Steel 5, plain 0369981...

Grooved Nut for Clamping Sleeve

DIN 981 is valid
- Steel, galvanized 03859994...
- Steel, plain 03859999...
- Stainless steel A2, plain 03852...

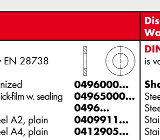
Grooved Nut with Fine Thread

DIN 1804 is valid
Unhardened and not ground, form w
- Steel, galvanized 038590...
- Steel, plain 03859...

Hardened and ground, form h
- Steel, plain 0385991...

DIN 70852 is valid
- Steel, galvanized 03859790...
- Steel, plain 03859890...

WASHERS



Flat Washers

Flat Washer

ISO 7089 replacing DIN 125-A
Without chamfer
- Steel 200 HV, galvanized 5149...
- Steel 200 HV, galvanized thick-film passivated 4641006...
- Steel 200 HV, plain 46490068...
- Steel 200 HV, zinc flake 4641406...
- Steel 200 HV, zinc-nickel 4641906...
- Steel 200 HV, zinc-nickel black 4641606...
- Steel 200 HV, hot-dip galvanized 04070091...
- Steel 300 HV, galvanized 514998...
- Steel 300 HV, galv. thick-film w. sealing 4641007...
- Steel 300 HV, zinc flake 4641407...
- Steel 300 HV, zinc-nickel 4641907...
- Steel 300 HV, zinc-nickel black 4641607...
- Steel 300 HV, hot-dip galvanized 04070094...
- Stainless steel A2 200 HV, plain 46438160...
- Stainless steel A4 200 HV, plain 46448260...

ISO 7090 replacing DIN 125-B
With chamfer
- Steel 200 HV, galvanized 514997...
- Steel 200 HV, galv. thick-film w. sealing 4642006...
- Steel 200 HV, plain 4642806...
- Steel 200 HV, zinc flake 4642406...
- Steel 200 HV, zinc-nickel 4642906...
- Steel 200 HV, zinc-nickel black 4642606...
- Steel 200 HV, hot-dip galvanized 04070092...
- Steel 300 HV, galvanized 514999...
- Steel 300 HV, galv. thick-film w. sealing 4642007...
- Steel 300 HV, plain 4642807...
- Steel 300 HV, zinc-nickel 4642907...
- Steel 300 HV, hot-dip galvanized 04070093...
- Stainless steel A2 200 HV, plain 46438161...
- Stainless steel A4 200 HV, plain 46448261...

DIN 125 A/B replaced by ISO 7089/ISO 7090
- Steel 140 HV, galvanized 0407...
- Steel 140 HV, plain 0405...
- Steel 140 HV, hot-dip galvanized 0407000...
- Steel 300 HV, galvanized 0407200...
- Steel 300 HV, plain 04050100...
- Stainless steel A2 140 HV, plain 0409...
- Stainless steel A4 140 HV, plain 0412...
- Brass, plain 0400...
- Copper, plain 04210000...
- Aluminum, plain 04030000...
- Polyamide 042100...

With chamfer
- Steel 140 HV, galvanized 040799...
- Steel 140 HV, plain 040599...
- Steel 140 HV, nickel-plated 0407910...
- Steel 140 HV, burnished 04079020
- Stainless steel A2 140 HV, plain 040900...
- Stainless steel A4 140 HV, plain 041200...
- Brass, plain 0400000...

Flat Washers with Large External Diameter

Flat Washer – Large Series

ISO 7093 replacing DIN 9021
- Steel 200 HV, galvanized 51500000...
- Steel 200 HV, galv. thick-film w. sealing 515005...
- Steel 200 HV, zinc flake 5150060...
- Steel 200HV, zinc-nickel black 51500606...
- Steel 200 HV, hot-dip galvanized 041691...
- Stainless steel A2 200 HV, plain 51500001...
- Stainless steel A4 200 HV, plain 5150101...

DIN 9021 replaced by ISO 7093
- Steel 140 HV, galvanized 0416...
- Steel 140 HV, plain 0417...
- Steel 140 HV, hot-dip galvanized 04160001...
- Stainless steel A2 140 HV, plain 0419...
- Stainless steel A4 140 HV, plain 04129...
- Brass, plain 0418...
- Polyamide 04210...

Wing Repair Washer

according to DIN 522 replaced by ISO 4759
- Steel, galvanized 0411...
- Steel galv. thick-film w. sealing 04119...
- Stainless steel A2, plain 040993...
- Stainless steel A4, plain 041293...

Flat Washers with Small External Diameter

Washer for Cheese Head Screw

ISO 7092 replacing DIN 433
- Steel 200 HV, galvanized 51500501...
- Steel 200 HV, galv. thick-film w. sealing 51500502...
- Steel 200 HV, zinc flake 51500503...
- Steel 300 HV, galvanized 51500511...
- Steel 300 HV, galv. thick-film w. sealing 51500512...
- Stainless steel A2 200 HV, plain 51500520...
- Stainless steel A4 200 HV, plain 51500530...

DIN 433 replaced by ISO 7092
- Steel 140 HV, galvanized 0414...
- Steel 140 HV, plain 041400...
- Stainless steel A2 140 HV, plain 0415...
- Stainless steel A4 140 HV, plain 0412907...
- Brass, nickel-plated 04009...
- Copper, plain 04147...

Shim Rings and Spacer Washers

Shim Ring

DIN 988 is valid
- Steel, galvanized 0425...
- Steel, plain 0425...
- Stainless steel A2, plain 04159...

Support shim
- Steel, plain 0425000...

Spacer Washer

according to DIN 522 replaced by ISO 4759
- Steel, plain 0420...
- Steel, galv. thick-film w. sealing 04119...

Plastic spacer washers
- Polypropylene, white 0421...
- Plastic spacer washer 0421...
- Rubber washer PAKF 04223...

Contact Washers

Contact Washer

In-house standard
- Steel, mechanical zinced 041300...

Locking Disc Spring Washer Form K

In-house standard
- Steel, zinc flake 0401000...
- Stainless steel A4, plain 04049030...

Other Washers

Sealing Washer

DIN 470 replaced by ISO 4759
- Steel, galvanized 047100...
- Steel, plain 04710...

Bolt Washer

EN 28738 replacing DIN 1440
- Steel, galv. thick-film w. sealing 51500100...
- Steel, zinc flake 51500101...

DIN 1440 replaced by EN 28738
- Steel, galvanized 0496000...
- Steel, galv. thick-film w. sealing 04965000...
- Steel, plain 0496...
- Stainless steel A2, plain 0409911...
- Stainless steel A4, plain 0412905...

DIN 1441 is valid
Product class C
- Steel, galvanized 049690...
- Steel galv. thick-film w. sealing 04965...
- Steel, plain 04969...

Disc Spring and Bearing Shim Washer

DIN 6319 is valid
Shape C
- Steel, galvanized 043690...
- Steel, plain 04369...
- Stainless steel A2, plain 4646816...
- Stainless steel A4, plain 4647826...

Shape D
- Steel, galvanized 043699...
- Steel, plain 0436990...
- Stainless steel A2, plain 4646817...
- Stainless steel A4, plain 4647827...

Shape G
- Steel, plain 0436999...

Washer for Clamping Fixtures

DIN 6340 is valid
- Steel, galvanized 04950...
- Steel, plain 0495...

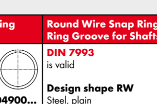
Washer for Bolts with Heavy Clamping Sleeve

DIN 7349 is valid
- Steel 100 HV, galvanized 04970...
- Steel 100 HV, plain 0497...
- Steel 200 HV, galvanized 0497700...
- Steel 200 HV, galv. thick-film w. sealing 0497550...
- Steel 200 HV, burnished 04979...
- Stainless steel A2, plain 0409915...
- Stainless steel A4, plain 0412909...

Clamp Washer

In-house standard
To fulfill the mechanery directiv
- Steel, mechanical zinced 04019000...
- Polyamide, bare 0421000...

SECURING - ELEMENTS



Securing Elements for Bolted Fastening

Wedge Lock Washer

In-house standard
Suitable for propertyClasses up to and incldung 12.9
Narrow shape
- Steel, zinc flake 04017800...
- Stainless steel A4, plain 04047010...

Wide shape
- Steel, zinc flake 04017700...
- Stainless steel A4, plain 04047011...

Ring Lock Washer

In-house standard
Suitable for propertyClasses up to and incldung 12.9
Narrow shape
- Steel, zinc flake 04017920...
- Stainless steel A4, plain 04047920...

Wide shape
- Steel, zinc flake 04017910...
- Stainless steel A4, plain 04047910...

Lock Washer S/VS

In-house standard
Shape S
- Spring steel, galvanized 04930...
- Spring steel, plain 0493...
- Spring steel, zinc flake 464835...
- Stainless steel A2, plain 04048010...

Shape VS (strengthened)
- Spring steel, galvanized 049390...
- Spring steel, plain 04939...
- Spring steel, zinc flake 464830...
- Stainless steel A2, plain 0404800...

Lock Disc Spring Washer

In-house standard
Shape S (small)
- Steel, zinc flake 04010001...
- Stainless steel A4, plain 04049010...

Shape M (medium)
- Steel, zinc flake 0401...
- Stainless steel A4, plain 0404...

Shape B (wide)
- Steel, zinc flake 04010000...
- Stainless steel A4, plain 04049020...

Shape Z (for cheese head screws)
- Steel, zinc flake 04010...
- Stainless steel A4, plain 04040...

Serrated Lock Ring

In-house standard
Shape VSK (standard shape)
- Steel, plain 0401701...
- Steel, zinc flake 0401771...
- Stainless steel A2, plain 0404700...

Shape VSKZ (for cheese head screws)
- Steel, galvanized 0401713...
- Steel, plain 0401703...
- Steel, zinc flake 0401772...

Lock Washer

DIN 127 withdrawn
No locking effect
Shape A
- Steel, galvanized 04419...
- Steel, plain 0441900...
- Stainless steel A2, plain 044702...
- Stainless steel A4, plain 04450...

Shape B
- Steel, galvanized 0441...
- Steel, plain 0440...
- Steel, zinc flake 04409...
- Stainless steel A2, plain 0447...
- Stainless steel A4, plain 0445...

Lock Washer for Cheese Head Screws

DIN 7980 withdrawn
No locking effect
- Steel, galvanized 0443...
- Steel, plain 04430...
- Stainless steel A2, plain 044701...
- Stainless steel A4, plain 044590...

Lock Washer Domed

DIN 128 withdrawn
No locking effect
Shape A
- Steel, galvanized 04418...
- Steel, plain 441800...
- Stainless steel A2, plain 044790...
- Stainless steel A4, plain 044500...

Spring Lock Washer

DIN 137 withdrawn
No locking effect
Shape A
- Steel, galvanized 0434...
- Steel, plain 0434000...
- Stainless steel A2, plain 0409900...
- Stainless steel A4, plain 043491...

Shape B
- Steel, galvanized 0435...
- Steel, plain 0435000...
- Stainless steel A2, plain 04099010...
- Stainless steel A4, plain 043492...

Serrated Washer

DIN 6797 withdrawn
No locking effect
Internally serrated
- Steel, galvanized 0424...
- Steel, plain 04240...
- Stainless steel A2, plain 0431022...

Externally serrated
- Steel, galvanized 0423...
- Steel, plain 04230...
- Stainless steel A2, plain 043102...

Countersunk
- Steel, galvanized 04230...
- Steel, plain 042300...

Serrated Lock Washer

DIN 6798 withdrawn
No locking effect
Internally serrated
- Steel, galvanized 0428...
- Stainless steel A2, plain 04311...
- Stainless steel A4, plain 04321...

Externally serrated
- Steel, galvanized 0429...
- Steel, plain 042900...
- Stainless steel A2, plain 04312...
- Stainless steel A4, plain 04322...

Countersunk
- Steel, galvanized 0430...
- Steel, plain 043000...
- Stainless steel A2, plain 04313...

Double serrated
- Steel, galvanized 0446...

Spring Washer for Bolted Fastening

DIN 6796 is valid
- Spring steel, galvanized 04131...
- Spring steel, plain 04133...
- Spring steel, zinc flake 04135...
- Stainless steel A2, plain 043100...
- Stainless steel A4, plain 043200...

With reduced external diameter
- Steel, galvanized, Type HS 4636...

Securing Elements for Shafts

Circlip for Shafts

DIN 471 is valid
Regular design shape A
- Steel, galvanized 0438...
- Steel, phosphated 0438...
- Steel, zinc flake 0438...
- Stainless steel 1.4122, plain 04890...

Heavy design shape AS
- Steel, plain 0438...
- Steel, zinc flake 0438...

Circlip with Arm for Shafts

DIN 983 is valid
Regular design shape Ak
- Steel, plain 04383...

Lock Washer for Shafts

DIN 6799 is valid
- Steel, galvanized 0490...
- Steel, plain 0490...
- Stainless steel 1.4122, plain 043101...

Stored
- Steel, galvanized 0490...
- Steel, plain 0490...

Snap Ring for Bearing with Ring Groove

DIN 5417 is valid
- Steel, plain 04900...

Round Wire Snap Ring and Snap Ring Groove for Shafts

DIN 7993 is valid
Design shape RW
- Steel, plain 049000...

Design shape A
- Stainless steel A2, plain 04891000...

Design shape SW
- Steel, plain 049099...

Circlips for Shafts

In-house standard
Design shape ZA
- Steel, plain 04384...

Design shape AV
- Steel, plain 04381...

SL and KL Locking Device

In-house standard
KL locking device
- Steel, plain 0492...

SL locking device
- Steel, galvanized 04910...
- Steel, plain 0491...

Gripper Ring for Shafts without Groove

In-house standard
- Steel, plain 04385...

Lock Washer for Shafts without a Groove

In-house standard
- Steel, plain 043804...

Securing Elements for Drill Holes

Circlip for Drill Holes

DIN 472 is valid
Regular design shape J
- Steel, plain 0439...
- Steel, zinc flake 0439...
- Stainless steel 1.4122, plain 0489...

Heavy design shape JS
- Steel, plain 0439...

Circlip with Tabs

DIN 984 is valid
- Steel, plain 04393...

Snap Ring for Drill Hole

DIN 7993 is valid
Design shape RB
- Steel, plain 0490000...

Design shape SB
- Steel, plain 0490999...

Circlip for Drill Holes

In-house standard
Design shape ZJ
- Steel, plain 04394...

Design shape JV
- Steel, plain 04391...

Design shape IL
- Steel, plain 04392...

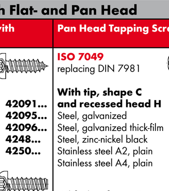
Other Securing Elements

Splint Pin

ISO 1234 replacing DIN 94
- Steel, galvanized 5117...
- Steel, galv. thick-film w. sealing 51175...
- Stainless steel A2, plain 51172...
- Stainless steel A4, plain 51173...

DIN 94 replaced by ISO 1234
- Steel, plain 04709...
- Stainless steel A4, plain 0483...
- Brass, plain 4418...

SELF-TAPPING AND THREAD-FORMING SCREWS



Self-tapping Screws GEFU®

Self-tapping Screw with Hexagon Head and Collar

In-house standard
With Taptite 2000® thread
- Steel casehardened, galvanized 020973...

With Taptite 2000® thread and TX-Plus
- Steel 10.9, zinc flake 020983...
- Steel 10.9, zinc-nickel 020983...

Self-tapping Screw with Cylinder Head and Torx Drive

In-house standard
With Taptite 2000® thread
- Steel casehardened, galvanized 020974...

With Taptite 2000® thread flat head
- Steel 10.9, zinc flake 020982...
- Steel 10.9, zinc-nickel 020982...

Self-tapping Screw with Counter Sunk Head

In-house standard
With Taptite 2000® thread and torx drive
- Steel casehardened, galvanized 020972...
- Stainless steel A2, plain 022072...

With Taptite 2000® thread and recessed head
- Steel casehardened, galvanized 020976...

Self-tapping Screw with Flat Head

In-house standard
With Taptite 2000® thread and torx drive
- Steel casehardened, galvanized 020971...
- Steel 10.9, zinc flake 020981...
- Steel 10.9, zinc-nickel 020981...
- Stainless steel A2, plain 022071...

With Taptite 2000® thread recessed head
- Steel casehardened, galvanized 020975...

With Taptite 2000® thread underhead serrated
- Steel casehardened, galvanized 020904...

Self-tapping Screw Sheetite®

Self-tapping Screw with Flat/Half-roand Head and Collar

In-house standard
With flat head, anderhead serrated and torx drive for thin sheet applications
- Steel, casehardened, galvanized 0209901...

With half-round head and collar and collar,anderhead serrated and torx drive for thin sheet applications
- Steel, casehardened, galvanized 0209902...

Hexagon Tapping Screws

Hexagon Tapping Screw

ISO 1479 replacing DIN 7976
Shape C with tip
- Steel, galvanized 011402...
- Stainless steel A2, plain 011406...

Shape F without tip
- Steel, galvanized 011403...

Combi Hexagon Screw with Washer

ISO 10510 replacing DIN 6901
With captive washer
- Steel, galvanized 01291...

Cylinder Tapping Screws

Socket Cylinder Tapping Screw

In-house standard
With tip, shape C
- Steel, galvanized 0118...
- Stainless steel A2, plain 01261...
- Stainless steel A4, plain 01270...

Cylinder Tapping Screw Slotted

DIN 7971 replaced by ISO 1481
With tip, shape C
- Steel, galvanized 0110...
- Stainless steel A2, plain 01201...

Without tip, shape F
- Steel, galvanized 011010...

Countersunk Tapping Screws

Countersunk Tapping Screw with Torx Drive

ISO 14586 no previous standard
With tip, shape C
- Steel, galvanized 42021...
- Steel, galvanized thick-film 42025...
- Stainless steel A2, plain 4204...
- Stainless steel A4, plain 4205...

Without tip, shape F
- Steel, galvanized 42031...

Coutersunk Tapping Screw with Recessed Head

ISO 7050 replacing DIN 7982
With tip, shape C and recessed head H
- Steel, galvanized 01167...
- Steel, galvanized thick-film 42555...
- Steel, zinc-nickel black 42556...
- Stainless steel A2, plain 01168...

DIN 7982 replaced by ISO 7050
With tip, shape C and recessed head H
- Steel, galvanized 0116...
- Steel, chrome-plated 011605...
- Stainless steel A2, plain 0123...
- Stainless steel A2, plain 01238...
- Stainless steel A4, plain 01272...

With tip, shape C and recessed head Z
- Steel, galvanized 011620...
- Stainless steel A2, plain 012305...

Without tip, shape F and recessed head H
- Steel, galvanized 011610...
- Stainless steel A2, plain 012301...

Without tip, shape F and recessed head Z
- Steel, galvanized 011630...

Countersunk Tapping Screw Slotted

DIN 7972 replaced by ISO 1482
With tip, shape C
- Steel, galvanized 011020...
- Stainless steel A2, plain 01203...

Tapping Screws with Raised Countersunk Head

Raised Countersunk Tapping Screw Recessed Head

ISO 7051 replacing DIN 7983
With tip, shape C and recessed head H
- Steel, galvanized 01178...
- Steel, galvanized thick-film 42565...
- Steel, zinc-nickel black 42566...
- Stainless steel A2, plain 01177...

DIN 7983 replaced by ISO 7051
With tip, shape C and recessed head H
- Steel, galvanized 0117...
- Stainless Steel A2, plain 0124...
- Stainless steel A2, burnished 01247...
- Stainless steel A4, plain 01273...

With tip, shape C and recessed head Z
- Steel, galvanized 011720...
- Stainless steel A2, plain 012405...

Without tip, shape F and recessed head H
- Steel, galvanized 011710...
- Stainless steel A2, plain 012401...

Tapping Screws with Flat- and Pan Head

Flat Head Tapping Screw with Hexagon Socket

ISO 14585 no previous standard
With tip, shape C
- Steel, galvanized 42091...
- Steel, galvanized thick-film 42095...
- Steel, zinc-nickel black 42096...
- Stainless steel A2, plain 4248...
- Stainless steel A4, plain 4250...

Without tip, shape F
- Steel, galvanized 42101...

Pan Head Tapping Screws with Recessed Head

ISO 7049 replacing DIN 7981
With tip, shape C and recessed head H
- Steel, galvanized 50514...
- Steel, galvanized thick-film 42545...
- Steel, zinc-nickel black 42546...
- Stainless steel A2, plain 50512...
- Stainless steel A4, plain 50513...

With tip, shape C and recessed head Z
- Steel, galvanized 50510...
- Stainless steel A2, plain 50511...

DIN 7981 replaced by ISO 7049
With tip, shape C and recessed head H
- Steel, galvanized 0115...
- Steel, nickel-plated 011504...
- Stainless steel A2, plain 0119...
- Stainless steel A2, zinc flake 01198...
- Stainless steel A4, plain 01271...

With tip, shape C and recessed head Z
- Steel, galvanized 011520...
- Stainless steel A2, plain 011905...

Without tip, shape F and recessed head H
- Steel, galvanized 011510...
- Steel, nickel-plated 011514...
- Stainless steel A2, plain 011901...

Without tip, shape F and recessed head Z
- Steel, galvanized 011530...
- Stainless steel A2, plain 011906...

Screws for Thermoplastics

WÜPLAST® Counter Sunk Screw

In-house standard
With torx drive
- Steel 10.9, galvanized 4236...
- Steel 10.9, zinc-nickel 4237...
- Steel 10.9, zinc-nickel black 4238...
- Stainless steel A2, plain 4239...

With cross recess Z
- Steel 10.9, galvanized 4224...
- Steel 10.9, zinc-nickel 4225...
- Steel 10.9, zinc-nickel black 4226...
- Stainless steel A2, plain 4227...

WÜPLAST® Pan Head Screw

In-house standard
With torx drive
- Steel 10.9, galvanized 4228...
- Steel 10.9, zinc-nickel 4229...
- Steel 10.9, zinc-nickel black 4230...
- Stainless steel A2, plain 4231...

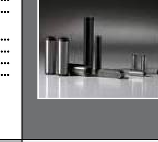
With cross recess Z
- Steel 10.9, galvanized 4216...
- Steel 10.9, zinc-nickel 4217...
- Steel 10.9, zinc-nickel black 4218...
- Stainless steel A2, plain 4219...

WÜPLAST® Pan Head Screw with Flange

In-house standard
With torx drive
- Steel 10.9, galvanized 4232...
- Steel 10.9, zinc-nickel 4233...
- Steel 10.9, zinc-nickel black 4234...
- Stainless steel A2, plain 4235...

With cross recess Z
- Steel 10.9, galvanized 4220...
- Steel 10.9, zinc-nickel 4221...
- Steel 10.9, zinc-nickel black 4222...
- Stainless steel A2, plain 4223...

DRIVE PINS AND BOLTS



Cylindrical Pins

Cylindrical Pin Hardened

ISO 8734 replacing DIN 6325
Tolerance class m6, Type A hardened
- Steel, plain 50945...

DIN 6325 replaced by ISO 8734
Tolerance class m6
- Steel, plain 02520...

Cylindrical Pin Unhardened

ISO 2338 replacing DIN 7
Tolerance class m6
- Steel, plain 50940...
- Stainless steel A1, plain 50941...

Tolerance class h8
- Steel, plain 50942...
- Stainless steel A1, plain 50943...

DIN 7 replaced by ISO 2338
Tolerance class m6
- Steel, plain 0252...
- Stainless steel A1, plain 02670...
- Stainless steel A4, plain 02700...

Tolerance class h8
- Steel, plain 025290...

Cylindrical Pin with Female Thread

ISO 8735 replacing DIN 7979
Tolerance class m6, type A hardened
- Steel, plain 50955...

Tolerance class h6, type A hardened
- Steel, plain 50956...

DIN 7979 replaced by ISO 8733 and ISO 8735
Tolerance class m6, shape C hardened
- Steel, plain 02470...

Tolerance class m6, shape D unhardened
- Steel, plain 02477...

Taper Pins

Taper Pin Unhardened

ISO 2339 replacing DIN 1
Cutted, shape A
- Steel, plain 50980...
- Stainless steel A1, plain 50983...

Turned, shape B
- Steel, plain 50981...
- Stainless steel A1, plain 50982...

DIN 1 replaced by ISO 2339
Cutted, shape A
- Steel, plain 02490...

Turned, shape B
- Stainless steel A1, plain 02675...
- Stainless steel A4, plain 02701...

Tapered Pin with Female Thread

ISO 8736 replacing DIN 7978
Cutted, shape A
- Steel, plain 50950...

DIN 7978 replaced by ISO 8736
Cutted, shape A
- Steel, plain 024714 45

Grooved Pins

Cylindrical Grooved Pin with Chamfer

ISO 8740 replacing DIN 1473
- Steel, galvanized 024811...
- Steel, plain 024810...
- Stainless steel A1, plain 024814...

Reserve Taper Grooved Dowel Pin

ISO 8741 replacing DIN 1474
- Steel, plain 024820...
- Stainless steel A1, plain 024824...

Centre-grooved Dowel Pins

ISO 8742 replacing DIN 1475
- Steel, galvanized 24831...
- Steel, plain 24830...

Grooved Taper Pin

ISO 8744 replacing DIN 1471
- Steel, plain 024850...
- Stainless steel A1, plain 024854...

Taper-grooved Dowel Pin

ISO 8745 replacing DIN 1472
- Steel, galvanized 024861...
- Steel, plain 024860...

Round-head Grooved Pin

ISO 8746 replacing DIN 1476
- Steel, galvanized 024871...
- Steel, plain 024870...
- Stainless steel A2, plain 026760...

Grooved Drive-stud

ISO 8747 replacing DIN 1477
- Steel, galvanized 024881...
- Steel, plain 024880...

Clamping Pins

Spiral Clamping Pin

ISO 8748 replacing DIN 7344
Heavy design
- Steel, plain 047580...

ISO 8750 replacing DIN 7343
Regular design
- Steel, plain 04750...
- Stainless steel A2, plain 02674...

Clamping Sleeve

ISO 8752 replacing DIN 1481
Heavy design
- Steel, plain 0475...
- Steel, zinc flake 44434...
- Stainless steel A2, plain 0467...

DIN 7346 replaced by ISO 13337
Light design
- Steel, plain 047590...

Heavy-duty Clamping Pin/Lightweight Clamping Pin

In-house standard
Heavy-duty clamping pin type S, untreated
- Spring steel, plain 4632...

Type SG, ground
- Spring steel, plain 4634...

Lightweight clamping pin type L, untreated
- Spring steel, plain 4633...

Type LG, ground
- Spring steel, plain 4635...

Feather Keys

Feather Key, High Shape

DIN 6885 is valid
Shape A
- Steel, plain 0410...
- Stainless steel A4, plain 0406...

Shape AB
- Steel, plain 04108...

Shape B
- Steel, plain 04107...

Shape C
- Steel, plain 04109...

Shape E
- Steel, plain 04106...

Feather Key, Low Shape

DIN 6885 is valid
Shape A
- Steel, plain 04260...
- Stainless steel A4, plain 04061...

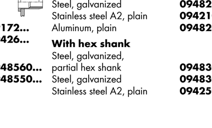
Shape B
- Steel, plain 04261...

Shape AB
- Steel, plain 04262...

Woodruff Key

DIN 6888 is valid
- Steel, plain 04100...

MACHINE AND SEALING ELEMTENS



Grease Nipples

Flat Lubricate Nipple

DIN 3404 is valid
- Steel, galvanized 098676...

With pipe thread (inch)
- Steel, galvanized 098676...

Conical Nipple

DIN 71412 is valid
Angled shape, straight
- Steel, galvanized 09861...
- Stainless steel, plain 098675...

Angled shape, straight, pipe thread (inch)
- Stainless steel, plain 098675...

Angled shape, straight, self-tapping
- Steel, galvanized 098685...

Round shape, straight, for driving
- Steel, galvanized 09864...

Angled shape, 45°
- Steel, galvanized 09861...

Angled shape, 45°, self-tapping
- Steel, galvanized 098686...

Angled shape, 45°
- Stainless steel, plain 098690...

Angled shape, 45°, pipe thread (inch)
- Stainless steel, plain 098690...

Angled shape, 90°
- Steel, galvanized 09866...

Angled shape, 90°, self-tapping
- Steel, galvanized 098687...

Angled shape, 90°
- Stainless steel, plain 098691...

Angled shape, 90°, pipe thread (inch)
- Stainless steel, plain 098691...

Fork and Angle Joints

Fork Joint with Splint Pin

DIN 71751 withdrawn
- Steel, galvanized 026800...

Fork Head without Splint Pin

DIN 71752 is valid
Without splint pin
- Steel, galvanized 4402...
- Steel, plain 4401...

Without splint pin with left-hand thread
- Steel, galvanized 4405...

Angle Joint

DIN 71802 is valid
Without security bracket, shape C
- Steel, galvanized 026820...

With security bracket, shape CS
- Steel, galvanized 026850...

With security bracket, shape CS, left-hand thread
- Steel, galvanized 026860...

With security bracket, shape CS, long version
- Steel, galvanized 02683...

Ball-ended Spindle

DIN 71803 is valid
Shape C, with threaded pin
- Steel, galvanized 026881...

Sealing Washers

O-Ring

ISO 3601 replacing DIN 3771
Metric version
- Perbunan 70 (NBR) 0468...

Inch version
- Perbunan 70 (NBR) 0468...

DIN 3771 replaced by ISO 3601
Metric version
- Perbunan 70 (NBR) 0468...
- Perbunan 90 (NBR) 04689...

O-ring cord 1 m
- Perbunan 70 (NBR) 046811...

Sealing Washer

DIN 7603 is valid
Shape A, flat sealing ring
- Copper, plain 0460...
- Aluminum, plain 0463...
- Vulcanised fiber 0465...

Shape A, flat sealing ring, height 2 mm
- Copper, plain 0460...

Shape C, copper filler, asbestos-free
- Copper, plain 04620...

Bonded Seal

In-house standard
Not self-centring
- Steel, galvanized 046920...

Self-centring
- Steel, galvanized 046900...

Other Machine Elements

Adjusting Ring

DIN 705 is valid
Shape A, with set screw ISO 4026
- Steel, galvanized 4629100...
- Steel, plain 4629800...

Shape A, with set screw DIN 553
- Steel, galvanized 04258...
- Steel, plain 04257...
- Stainless steel A1, plain 04479...

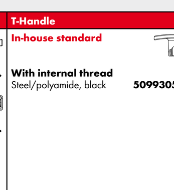
Compression Spring

DIN 2095 replaced by EN 15800
- Spring steel, galvanized 0506...

Tension Spring Double Eye

DIN 2097 is valid
- Steel, plain 05062...

RIVETS AND RIVETING NUTS



Rivet Nuts

Rivet Nut with Round Pan Head

In-house standard
- Steel, galvanized 09172...
- Stainless steel A4, plain 09426...

With wider clamping range
- Steel, galvanized 0948560...
- Aluminum, plain 0948550...

With knurled shank
- Steel, galvanized 09482...
- Stainless steel A2, plain 0942100...
- Aluminum, plain 09482003

With hex shank
- Steel, galvanized, partial hex shank 0948306...
- Steel, galvanized 094830...
- Stainless steel A2, plain 094250...

Rivet Nut with Countersunk Head

In-house standard
- Stainless steel A4, plain 094260...
- Aluminum, plain 094832 6

With wider clamping range
- Steel, galvanized 0948560...
- Aluminum, plain 0948550...

With knurled shank
- Steel, galvanized 09483200...
- Stainless steel A2, plain 09421000...
- Aluminum, plain 0948...

With small countersunk head
- Steel, galvanized 0917...
- Stainless steel A2, plain 09421...

With small countersunk head and knurled shank
- Steel, galvanized 09177...
- Stainless steel A2, plain 09421...

With small countersunk head and hex shank
- Steel, galvanized 0948305...
- Stainless steel A2, plain 094255...

Blind Rivet

Blind Rivet Flat Head

ISO-rivets replacing DIN 7337
Closed-end blind rivets ISO 15973
- Aluminum/steel 51467...

Closed-end blind rivets ISO 15975
- Aluminum/aluminum 51453...

Closed-end blind rivets ISO 15976
- Steel/steel 51454...

Closed-end blind rivets ISO 16585
- Stainless steel A2/A2 51466...

Blind rivet, open, ISO 15977
- Aluminium/steel galvanized 51415...

Blind rivet, open ISO 15979
- Steel/steel 09352...

Blind rivet, open, ISO 15981
- Aluminium/aluminium 51458...

Blind rivet, open, ISO 15983
- Stainless steel A2/A2 51461...

Blind Rivet Countersunk Head

ISO-rivets replacing DIN 7337
Closed-end blind rivets ISO 15974
- Aluminum/steel 51452...

Blind rivet, open, ISO 15978
- Aluminum/steel 09386...

Blind rivet, open, ISO 15980
- Steel/steel 51457...

Blind rivet, open, ISO 15982
- Aluminum/aluminum 51459...

Blind rivet, open, ISO 15984
- Stainless steel A2/A2 51464...

Blind rivet, open, ISO 16583
- Copper/steel 51464...

Full Rivets

Button Head Rivet

DIN 660 is valid
- Steel, galvanized 0922310...
- Steel, plain 0922300...
- Stainless steel A2, plain 091900...
- Stainless steel A4, plain 092305...
- Aluminum, plain 0922350...
- Copper, plain 0922340...
- Brass, plain 0922330...

Countersunk Rivet

DIN 661 is valid
- Steel, galvanized 0922410...
- Steel, plain 0922400...
- Stainless steel A2, plain 091901...
- Stainless steel A4, plain 092307...
- Aluminum, plain 0922430...
- Copper, plain 0922440...
- Brass, plain 0922450...

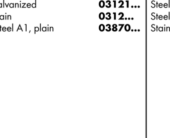
Tubular Rivets

Pipe Rivet

DIN 7340 is valid
Shape A, with flat-head
- Steel, plain 092400...
- Brass, plain 092630...
- Brass, nickel-plated 092631...

Shape B, with rolled round head
- Steel, galvanized 092406...

CONTROL ELEMENTS



Handles

Star-shaped Handle with Screw

In-house standard
With installed screw
- Polyamide, black 5099340...

With stud
- Polyamide, black 50993040...

Similar to DIN 6336
- Polyamide, black 509934...

Star-shaped Handle with Nut

In-house standard
With installed nut
- Polyamide, black 50993032...

With insert nut
- Polyamide, black 50993030...

With nut and through thread
- Polyamide, black 50993031...

Wing Handle Screw

In-house standard
With installed screw
- Polyamide, black 509936...

With stud
- Polyamide, black 50993061...

Wing Handle Nut

In-house standard
With installed nut
- Polyamide, black 50993051...

With insert nut
- Polyamide, black 50993051...

With nut and through thread
- Polyamide, black 50993052...

Cylindrical Handle

In-house standard
With external thread
- Steel/polyamide, black 50993071...

With internal thread
- Steel/polyamide, black 50993070...

T-Handle

In-house standard
With internal thread
- Steel/polyamide, black 50993053...

Ball Knob

DIN 319 is valid
Shape C, with thread
- Polyamide, black 05211...

Clamp Levers and Locking Bolts

Clamp Lever

In-house standard
With female thread, slim
- Steel/polyamide, black 50993020...

With female thread, reinforced
- Steel/polyamide, black 50993021...

With male thread, slim
- Steel/polyamide, black 50993010...

With male thread, reinforced
- Steel/polyamide, black 50993011...

Locking Bolt with Mushroom Handle

In-house standard
Without notch with counter nut
- Steel/polyamide 509910200...
- Stainless steel/polyamide 509920200...

With notch withouth counter nut
- Steel/polyamide 509910240...
- Stainless steel/polyamide 509920210...

Short form
- Steel/polyamide 509910210...
- Stainless steel/polyamide 509920220...

Locking Bolt with Key Ring

In-house standard
With counter nut
- Steel, hardened 509910220...
- Stainless steel, plain 509920230...

Ball Lock Pin

In-house standard
Selflocking version
- Stainless steel, plain 5099203...

Other Control Elements

Wing Screw

DIN 316 is valid
Round wings
- Steel 4.6 galvanized thick-film 023795...
- Steel 4.8, galvanized 0237...
- Malleable cast iron, galvanized 0237...
- Stainless steel A2, plain 027281...
- Brass, plain 023702...

Angled wings
- Steel 4.8, galvanized 023790...
- Stainless steel A2, plain 027282...
- Stainless steel A4, plain 027794...

Wing Nut

DIN 315 is valid
Round wings
- Malleable cast iron, galvanized 03420...
- Stainless steel A2, plain 034400...
- Stainless steel A4, plain 034004...
- Brass, plain 0342000...

Angled wings
- Steel, galvanized 0342...
- Steel predefined 03425...
- Stainless steel A2, plain 03440...
- Stainless steel A4, plain 034003...

Knurled Thumb Screw, High Profile

DIN 464 is valid
- Steel 5.8, galvanized 02241...
- Steel 5.8, plain 02240...
- Stainless steel A1, plain 01016...

Slotted (DIN 465)
- Stainless steel A1, plain 01018...

Knurled Thumb Screw, Low Profile

DIN 653 is valid
- Steel 5.8, galvanized 02246...
- Steel 5.8, plain 02245...
- Stainless steel A2, plain 02242...

Knurled Thumb Screw

In-house standard
With stud bolt
- Steel/polyamide, black 50993060...

Knurled Nut, High Profile

DIN 466 is valid
- Steel 5, galvanized 03121...
- Steel 5, plain 0312...
- Stainless steel A1, plain 03870...

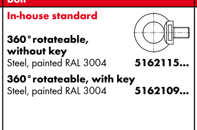
Knurled Nut, Low Profile

DIN 467 is valid
- Steel 5, galvanized 03122...
- Steel 5, plain 03123...
- Stainless steel A1, plain 0387...

Knurled Nut

In-house standard
With push-through thread
- Polyamide, black 50993050...

COVER CAPS AND SEALING PLUGS



Plugs

Screw Plug

In-house standard
GPN 700, metric thread
- Polyethylene (PE-HD), yellow 0598702...

WP 700, metric thread
- Polyethylene (HDPE), yellow 0597270...

GPN 700, inch thread
- Polyethylene (PE-HD), yellow 0598709...

WP 700, for pipe-thread
- Polyethylene (HDPE), yellow 0597370...

GPN 700, with pipe-thread (inch)
- Polyethylene (PE-HD), yellow 0598780...

GPN 710, pipe thread (inch)
- Polypropylene (PP), black 0598710...

GPN 735, with sealing lip, metric thread
- Polyamide (PA 6), yellow 0598735...

GPN 735, with sealing lip, pipe thread (inch)
- Polyamide (PA 6), yellow 0598735...

Sealing Plug

In-house standard
GPN 300 shape F, round shank
- Polyethylene (PE-LD), bare 0598387...
- Polyethylene (PE-LD), bare 0598388...

WP 300F
- Polyethylene (PE-LD), bare 0597300...

GPN 300 shape V, immersible, round shank
- Polyethylene (PE-LD), bare 0598397...

GPN 340, for countersunk screws with hexagon socket
- Polyethylene (PE-LD), grey 059834...

GPN 550, self-cutting for threads or drill holes
- Polyethylene (PE-LD), yellow 0598550...

GPN 910, flat shape
- Polyethylene (PE-LLD), black 059891...

Rib Plug

In-house standard
GPN 260, square plug
- Polyethylene (PE-LD), black 059826...

GPN 270, rectangular plug
- Polyethylene (PE-LD), black 059827...

GPN 320, push-in plug
- Polyethylene (PE-LD), black 059832...

Taper Plug

In-house standard
GPN 500, with collar
- Polyethylene (PE-LD), bare 059850...

GPN 605, without collar
- Silicone (SI), bare 059864...

Predective Caps

Grip Plug

In-house standard
GPN 310, with ribs
- Polyethylene (PE-LD), red 0598310...

GPN 315, with ribs
- Polyethylene (PE-LLD), yellow 0598315...

GPN 330, with ribs and extended grip
- Polyethylene (PE-LD), yellow 059833...

Flange Cover

In-house standard
GPN 650, predection for fealing face
- Polyethylene (PE-LD), yellow 059865...

GPN 670, predection for entire flange face
- Polyethylene (PE-LLD), yellow 059867...

GPN 680, overlapping
- Polyethylene (PE-LLD), yellow 059868...

Screw Cap

In-house standard
GPN 800, metric thread
- Polyethylene (PE-HD), yellow 0598800...

WP 800, metrict thread
- Polyethylene (PE-HD), yellow 0597280...

GPN 800, with pipe thread
- Polyethylene (PE-HD), yellow 059880...

WP 800, for pipe thread
- Polyethylene, yellow 0597802...

GPN 800, with thread in inches
- Polyethylene (PE-HD), yellow 059880...

WP 800, for thread in inches
- Polyethylene, yellow 0597380...

GPN 801, flat version, metric thread
- Polyethylene (PE-LD), bare 0598801...

Predective ap

In-house standard
GPN 210, with handle for pipe ends
- Ethylene vinyl acetate (EVA), yellow 0598210...

GPN 250, thick-walled, for pipe ends
- Polyethylene (PE-LD/PE-LLD), yellow 059825...

WP 250, for pipe ends
- Polyethylene (PE-LD/PE-LLD), yellow 0597250...

GPN 255, for studs and pipe ends
- Silicone (SI), bare 0598255...

GPN 280, Reinforced base, for pipe ends
- Polyethylene (PE-LD), black 059828...

GPN 290, for shaft
- Polyethylene (PE-LD), yellow 059829...

GPN 690, for SAE flange collars
- Polyethylene (PE-LD/PE-LLD), yellow 0598692...

Grease Nippel Cap

In-house standard
GPN 980 A, without shackle
- Polyethylene (PE-LLD) 0598981...

GPN 980 B, with shackle
- Polyethylene (PE-LLD) 059898...

GPN 985 A, knurled without shackle
- Polyethylene (PE-LLD) 0598985...

GPN 985 B, knurled with shackle
- Polyethylene (PE-LLD) 05989852...

Universal Predection

In-house standard
GPN 350
- Polyethylene (PE-LD), bare 05983500...

GPN 600, conical closure
- Polyethylene (PE-LD/PE-LLD), bare 0598601...

WP 600
- Polyethylene, red 0597600...

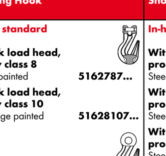
GPN 620, with wide collar
- Polyethylene (PE-LD), yellow 059862...

WP 620
- Polyethylene (PE-LD), red 0597620...

GPN 900 A, Cylindric shape
- Polyethylene (PE-LD), bare 0598900...

GPN 950, with knurled collar
- Polyethylene (PE-LD), bare 0598950...

SLING GEAR



Ring Screws and Ring Nuts

Ring Screw

DIN 580 is valid
- Steel C15E, galvanized 02959...
- Steel C15E, plain 02950...
- Stainless steel A2, plain 0279...
- Stainless steel A4, plain 0280...

Ring Screw Property Class 8.8

In-house standard
Non alignable
- Steel 8.8, red painted 51623...

Alignable
- Steel 8.8, red painted 51622...

Turning Ball Bearing Mounted Ring Bolt

In-house standard
360° rotateable, without key
- Steel, painted RAL 3004 5162115...

360° rotateable, with key
- Steel, painted RAL 3004 5162109...

H.Q. Ring Screw

In-house standard
Without key
- Steel, painted RAL 3022 5162112...

With key
- Steel, painted RAL 3022 5162111...

With variable screw length, property class 10.9
- Steel, painted RAL 3022 51624...

Ring Nut

DIN 580 is valid
- Steel C15E, galvanized 03959...
- Steel C15E, plain 039590...
- Stainless steel A2, plain 0388...
- Stainless steel A4, plain 0389...

Ring Nut

In-house standard
Property class 8
- Steel, red painted 5162131...

360° rotateable, with captive nut
- Steel, painted RAL 3022 5162113...

Anchor Clamps and Eyelets

Anchor Clamp Screw-in

In-house standard
Property class10
- Steel, painted RAL 3022 5162127...

Eyebolt

In-house standard
360° rotateable, property class 8
- Steel, painted RAL 3000 51621...

360° rotateable, property class 10
- Steel, painted RAL 3022 51625...

Load Block with Captive Screw

In-house standard
360° rotateable
- Steel, painted RAL 3022 5162114...

Weld-on Trestle

In-house standard
Without spring, property class 8
- Steel, red painted 5162132...

Without spring, property class 8
- Steel, red painted 5162133...

Ring Gronment

In-house standard
For lifting loads without spring
- Steel, painted RAL 3022 5162121...

For lifting loads, with spring
- Steel, painted RAL 3022 5162122...

For lashing loads, without spring
- Steel, painted RAL 9005 5162123...

For lashing loads, with spring
- Steel, painted RAL 9005 5162125...

For lifting loads, with double weld-on basis
- Steel, painted RAL 3022 5162105...

For lashing loads, with double weld-on basis
- Steel, painted RAL 9005 5162119...

Chains and Chain Attachments

Chain Suspension

In-house standard
Further chain-configurations can be offerd on request
1 – Chain with fork head load hooks
- Steel, property class 8 5162608...
- Steel, property class 10 5162610...

2 – Chain with fork head load hooks
- Steel, property class 8 5162608...
- Steel, Property class 10 5162610...

3 – Chain with fork head load hooks
- Steel, property class 8 5162608...
- Steel, property class 10 5162610...

4 – Chain with fork head load hooks
- Steel, property class 8 5162608...
- Steel, property class 10 5162610...

Fork Head Load Hook with Forged Latch

In-house standard
Property class 8
- Steel, red painted 5162782...

Property class 10
- Steel, orange painted 51628102...

Safety Hook

In-house standard
With fork load head, property class 8
- Steel, red painted 5162781...

With fork load head, property class 10
- Steel, orange painted 5162810...

With swivel, property Ccass 8
- Steel, red painted 5162785...

With swivel, property class 10
- Steel, orange painted 51628105...

Foundy Eye Sling Hook

In-house standard
With for load head, property class 8
- Steel, red painted 5162783...

With fork load head, property class 10
- Steel, orange painted 51628103...

With eye, property class 8
- Steel, red painted 5162784...

With eye, property class 10
- Steel, orange painted 51628104...

Shortening Hook

In-house standard
With fork load head, property class 8
- Steel, red painted 5162787...

With fork load head, property class 10
- Steel, orange painted 51628107...

With eye, property class 8
- Steel, red painted 5162786...

With eye, property class 8
- Steel, orange painted 51628106...

Shortening Claw

In-house standard
Without safety-clip, property class 8
- Steel, red painted 5162788...

With safety-clip, property class 8
- Steel, red painted 5162789...

With safety-clip, property class 10
- Steel, orange painted 51628108...

Connector

In-house standard
Property class 8
- Steel, red painted 5162881...

Property class 10
- Steel, orange painted 51628109...

Hanger Ring/Hanger Head

In-house standard
For lifting chains 1/2 chain, property class 8
- Steel, red painted 5162883...

For lifting chains 1/2 chain, property class 10
- Steel, orange painted 51629101...

For lifting chains 3/4 chain, property class 8
- Steel, red painted 5162885...

For lifting chains 3/4 chain, property class 10
- Steel, orange painted 51629102...

Find these and further standard parts at www.wuerth-industrie.com

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