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 0085…
Steel 010.9, galvanized 00855…
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 8.8, galvanized 40041…
Steel 8.8, galvanized thick-film 40045…
Steel 8.8, plain 40048…
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 4.8, 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 0…
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…

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 Nut

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…
Steel I10I, zinc-nickel 02630…
Stainless steel A2, plain 0322…
Stainless steel A4, plain 0326…
With left-handed thread
Steel I8I, galvanized 0317111…
Steel I8I, plain 0312000…

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 031870…
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, plain 031870…
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…
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…

Wedge and Wheel Lock Nut

In-house standard
Steel 10, zinc flake 51405501…

Other Nuts

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, zinc flake 4642407…
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 040500100…
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 0409910…
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
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 inclduing 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 inclduing 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 041800…
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 200®® 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 200®® thread and torx drive
Steel casehardened, galvanized 020972…
Stainless steel A2, plain 022072…
With Taptite 200®® 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 200®® thread recessed head
Steel casehardened, galvanized 020975…
With Taptite 200®® 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…

Coutnersunk 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…

Pins

Cylindrical Pin Unhardened

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…

DIN 6885 – is valid
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 0948320 0…
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

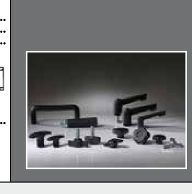
DIN 661 – is valid
Steel, galvanized 0922410…
Steel, plain 0922400…
Stainless steel A2, plain 091901…
Stainless steel A4, plain 092307…
Aluminum, plain 0922430…
Copper, plain 0922440…
Brass, plain 0922450…

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…

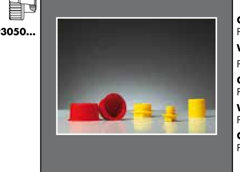
Knurled Nut, Low Profile

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…

In-house standard
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-LD), 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-LD), yellow 059867…
GPN 680, overlapping
Polyethylene (PE-LD), 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…

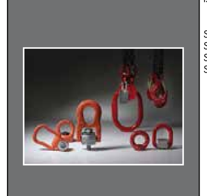
Grease Nippel Cap

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

DBRO00004-AH/MH-HIRSCH-1-02/19 © Copyright by Würth Industrie Service GmbH & Co. KG – Reprint only with permission.

Würth Industrie Service GmbH & Co. KG · Industriepark Würth, Drillberg · 97980 Bad Mergentheim · T +49 7931 91-0 · F +49 7931 91-4000 · info@wuerth-industrie.com · www.wuerth-industrie.com