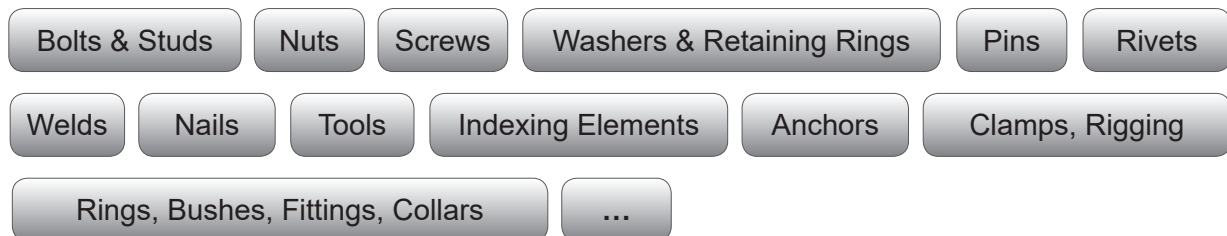


Fastener products and standards

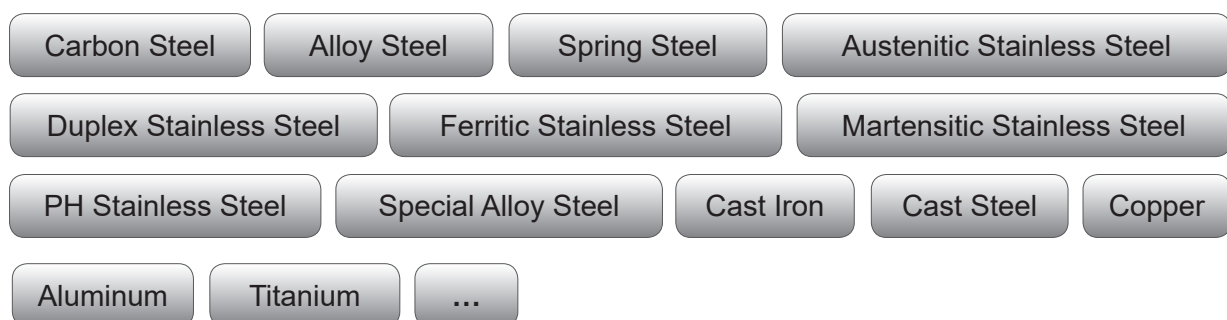
Standard Categories



Product Categories



Material Categories

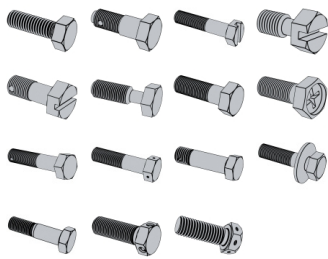


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Bolts & Studs

Hex Bolts & Screws



AS 1110.1 - 2000

ISO Metric Hexagon Head Bolts - Product Grades A and B

AS 1110.2 - 2000

ISO Metric Hexagon Head Screws - Product Grades A and B

AS 1111.1 - 2000

ISO Metric Hexagon Head Bolts - Product Grade C

AS 1111.2 - 2015

ISO Metric Hexagon Head Screws - Product Grade C

AS 1559 - 2018

ISO Metric Hot-dip Galvanized Hexagon Bolts for Tower Construction

AS/NZS 2451 - 1998

Bolts with British Standard Whitworth Threads

AS/NZS 2451 - 1998

Screws with British Standard Whitworth Threads

AS/NZS 2465 - 1999 (R2016)

Hexagon Screws (UNC and UNF threads)

AS/NZS 2465 - 1999 (R2016)

Hexagon Bolts (UNC and UNF threads)

ANSI B18.2.3.5M - 1979 (R2016) Metric Hex Bolts

ASME B 18.2.1(T16) - 2012 Hex Cap Screws [Table 6]

ASME B 18.2.1 - 2012 Hex Bolts [Table 2]

ASME B 18.2.3.2M - 2005

Metric Hex Head Screws with Depression

ASME B 18.6.3 - 2013

Plain (Unslotted) and Slotted Regular and Large Hex Head Screws [Table 29]

ANSI/ASME B 18.2.3.1M - 2005

Metric Hex Cap Screws

ANSI/ASME B 18.2.3.3M - 2007 (R2014)

Metric Heavy Hex Screws

IFI 513 - 1982 Metric Hex Head Machine Screws

IFI 541 - 1982 Metric Hex Transmission Tower Bolts

BS 1083 - 1965

Precision Hexagon Head Screws - Washer Faced - B.S.W. & B.S.F. Threads

BS 1083 - 1965

Precision Hexagon Head Bolts - Washer Faced - B.S.W. & B.S.F. Threads

BS 1768 - 1963

Unified Hexagon Head Bolts, Washer Faced

BS 1768 - 1963

Unified Hexagon Head Screws, Washer Faced

BS 1769 - 1951 Unified Hexagon Head Faced Bolts

BS 1769 - 1951

Unified Hexagon Head Screws - Heavy Series

BS 1981 - 1991 Plain Hexagon Head Screws

BS 1981 - 1991

Plain and Slotted Hexagon Head Screws [Table 16]

BS 3692 - 2014 Metric Precision Hexagon Bolts

BS 4190 - 2014

ISO Metric Hexagon Head Screws Faced Under Head Only [Table 6]

BS 4190 - 2014

ISO Metric Black Hexagon Head Bolts [Table 5]

BS 4190 - 2014

ISO Metric Hexagon Head Bolts - Faced Under Head or Faced Under Head and Turned on Shank [Table 6]

BS 450 - 1958

Hexagon Head Machine Screws with B.S.W. & B.S.F. Threads [Table 9]

BS 916 - 1953

Hexagon Head Screws with B.S. Threads [Table 1]

BS 916 - 1953

Hexagon Screws Faced Under Head with B.S. Threads - Black [Table 2]

BS 916 - 1953

Hexagon Head Bolt with B.S. Threads [Table 1]

BS 916 - 1953

Hexagon Bolts Faced Under Head, and Faced Under Head and Turned on Shank with B.S. Threads - Black [Table 2]

DIN EN 24015 - 1991

Hexagon Bolts, Reduced Shank (Shank Diameter = Pitch Diameter), Product Grade B

DIN EN ISO 4014 - 2011

Hexagon Head Bolts Grades A and B Partially Threaded

DIN EN ISO 4016 - 2011

Hexagon Head Bolts — Product Grade C

DIN EN ISO 4017 - 2014

Hexagon Head Screws — Product Grades A and B

DIN EN ISO 4018 - 2011

Hexagon Head Screws — Product Grade C

DIN EN ISO 8676 - 2011

Hexagon Head Bolts with Fine Pitch Thread—Product Grades A and B

DIN EN ISO 8765 - 2011

Hexagon Head Bolts with Fine Pitch Thread—Product Grades A and B

DIN 34810 - 2018 Plastic Hexagon Head Screws

DIN 558 - 1987 Hexagon Head Screws-Product Grade C

DIN 601 - 1987

M5 to M52 Hexagon Head Bolts—Product Grade C

DIN 609 - 2016 Hexagon Fits Bolts with Long Thread

DIN 610 - 1993

Hexagon Fit Bolts with Short Threaded Point

DIN 7964 - 1990

Reduced Shank Bolts and Screws with Coarse Thread

DIN 7968 - 1989

Hexagon Fit Bolts for Structural Steel Bolting for Supply with or Without Nut

DIN 931-1 - 1987

Hexagon Head Bolts Grades A and B Partially Threaded

DIN 931-2 - 2009

Hexagon Head Bolts - Part 2: Metric Thread M 68 to M 160 x 6 - Product Grade B

DIN 933 - 1987

Hexagon Head Screws Threaded up to the Head - Product Grades A and B

DIN 960 - 1990

Hexagon Head Bolts with Fine Pitch Thread—Product Grades A and B

DIN 961 - 1990

Hexagon Head Bolts with Fine Pitch Thread—Product Grades A and B

EN 24015 - 1991

Hexagon Head Bolts-Product Grade B-Reduced Shank (Shank Diameter = Pitch Diameter)

EN 24017 - 1991

Hexagon Head Screws-Product Grades A and B

EN 3006 - 1994

Aerospace Series-Bolts, Hexagon Head, Relieved Shank, Long Thread, in Heat Resisting Steel FE-PA92HT (A286), Silver Plated-Classification: 900 MPa (at Ambient Temperature)/650°C

EN 3007 - 1996

Aerospace Series-Bolts, Hexagon Head, Relieved Shank, Long Thread, in Heat Resisting Steel FE-PA92HT (A286), Silver Plated-Classification: 900 MPa (at Ambient Temperature)/650°C

EN 3008 - 1998

Aerospace Series-Bolts, Hexagon Head, Relieved Shank, Long Thread, in Heat Resisting Nickel Base Alloy Ni-P100HT (Inconel 718)-Classification: 1275 MPa (at Ambient Temperature)/650°C

EN 3009 - 1998

Aerospace Series-Bolts, Hexagon Head, Relieved Shank, Long Thread, in Heat Resisting Nickel Base Alloy Ni-P100HT (Inconel 718)-Classification: 1275 MPa (at Ambient Temperature)/650°C

GB 21 - 1976 Small Hexagon Head Bolts

GB 22 - 1976 Bolts, Small Hexagon Head with Fit Neck

GB 23 - 1976

Bolts, Small Hexagon Head with Hole Through the Shank

GB 24 - 1976

Bolts, Small Hexagon Head with Fit Neck and Hole Through the Shank

GB 25 - 1976

Bolts, Small Hexagon Head with Holes Through the Head

GB 26 - 1976

Bolts, Small Hexagon Head with Fit Neck and Holes Through the Head

GB 27 - 2013 Hexagon Fit Shank Bolts

GB/T 28 - 2013

Hexagon Fit Shank Bolts with Split Pin Hole on Shank

GB/T 29.1 - 2013 Hexagon Bolts with Slot on Head

GB/T 29.2 - 2013

Hexagon Bolts with Cross Recess on Head

GB 30 - 1976 Hexagon Head Bolts

GB/T 31.1 - 2013

Hexagon Bolts with Split Pin Hole on Shank

GB 31.2 - 1988

Hexagon Bolts with Split Pin Hole on Shank-Reduced Shank-Product Grade B

GB 31.3 - 1988

Hexagon Bolts with Split Pin Hole on Shank-Fine Pitch Thread-Product Grade A and B

GB/T 32.1 - 2020 Hexagon Bolts with Wire Holes on Head

GB 32.2 - 1988

Hexagon Bolts with Wire Holes on Head - Reduced Shank - Product Grade B

GB/T 32.3 - 2020

Hexagon Bolts with Wire Holes on Head - Fine Pitch Thread

GB 5 - 1976 Hexagon Head Bolts

GB/T 5780 - 2016

Hexagon Head Bolts - Product Grade C

GB/T 5781 - 2016

Hexagon Head Bolts - Full Thread - Product Grade C

GB/T 5782 - 2016 Hexagon Head Bolts - Grade A and B

GB/T 5783 - 2016 Hexagon Head Bolts - Full Thread

GB 5784 - 1986

Hexagon Head Bolts - Reduced Shank - Product Grade B

GB/T 5785 - 2016 Hexagon Head Bolts - Fine Pitch Thread

GB/T 5786 - 2016

Hexagon Head Bolts with Fine Pitch Thread - Full Thread

GB 838 - 1988 Hexagon Screws with Waisted Shank

GOST R 50793 - 1995

Hexagon Head Screws with Threading up to Head, Product Grades A and B

ISO 4014 - 2022

Hexagon Head Bolts - Product Grades A and B

ISO 4015 - 1979

Hexagon Head Bolts-Product Grade B-Reduced Shank (Shank Diameter=Pitch Diameter)

ISO 4016 - 2022 Hexagon Head Bolts - Product Grade C

ISO 4017 - 2022

Hexagon Head Screws - Product Grades A and B

ISO 4018 - 2011

Hexagon Head Screws - Product Grade C

ISO 8676 - 2022

Hexagon Head Screws, with Fine Pitch Thread - Product Grades A and B

ISO 8765 - 2022

Hexagon Head Bolts with Fine Pitch Thread - Product Grades A and B

JIS B 1180(AT1.2) - 2004

Hexagon Head Bolts (Semi-finished) [Annex 1 Attached Table 1.2]

JIS B 1180(AT2.1) - 2004

Small Hexagon Head Bolts (finished)

JIS B 1180(AT2.2) - 2004

Small Hexagon Head Bolt (Semi-finished)

JIS B 1180(ISO4016) - 2014

Hexagon Head Bolt - Coarse - Product Grade C

KS B 1002 - 2001

Hexagon Head Bolts with Indentation-Reduced Shank

KS B 1002 - 2001 Hexagon Head Bolts

KS B 1002 - 2001 Hexagon Head Bolts-Full Thread

NF L 22-145 - 1985

Bolt, Hexagonal Head, for Tensile Application, ISO Thread-4g Class

NF E 25-112 - 2001

Hexagon Head Bolts - Product Grades A and B

NF E 25-113 - 1992

Hexagon Head Bolts - Product Grade B - Reduced Shank

NF E 25-114 - 2001

Hexagon Head Bolts - Product Grades A and B

NF E 25-115-1 - 2001 Hexagon Head Bolts - Grade C

NF E 25-115-2 - 2001

Hexagon Head Screws - Full Thread - Product Grade C

NF E 25-137 - 1986

Slotted Hexagon Head Screws for Metal, Product Grade A, Symbol HS

NF E 25-151 - 2001

Hexagon Head Screws with Metric Fine Pitch Thread - Product Grades A and B

NF E 25-152 - 2001

Hexagon Head Bolts with Metric Fine Pitch Thread - Product Grades A and B

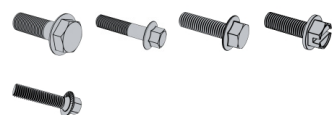
UNI 5737 - 1977

Hexagon Cap Screw, Partially Threaded Shank, ISO Metric Coarse Thread Pitch - Product Grade A

UNI 5739 - 1965 Hexagon Head Bolts

Check www.globalfastener.com for more data.

Flanged / Collared Hex Bolts



AS/NZS 1427 - 1996

ISO Metric Small Series Hexagon Washer Head Screws

ASME B 18.2.1 - 2012 Hex Flange Screws

ASME B 18.2.3.4M - 2001 (R2011)

Metric Hex Flange Screws

ASME B 18.2.3.9M - 2001 (R2014)

Metric Heavy Hex Head Flange Screws

ASME B 18.6.3 - 2013

Plain and Slotted Hex Washer Head Screws [Table 32]

IFI 111 - 2002 Hexagon Flange Bolts

IFI 513 - 1982 Metric Hex Flange Head Machine Screws

IFI 536 - 1982 Metric Hex Flange Screws

IFI 538 - 1982 Metric Heavy Hex Flange Screws

DIN EN 1662 - 1998

Hexagon Bolts with Flange - Small Series

DIN EN 1665(R) - 1998

Hexagon Bolt with Flange-Reduced Shank, Type R

DIN EN 1665(S) - 1998

Hexagon Bolts with Flange, Heavy Series

DIN 6921 - 1983 Hexagon Flange Bolts

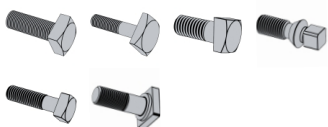
DIN 6922 - 1983

Hexagon Flange Bolts with Reduced Shank

ASME B 18.2.1 - 2012 Heavy Hex Bolts [Table 3]
ASME B 18.2.6 - 2019 Heavy Hex Structural Bolts
ASME B 18.2.6M - 2012
Metric Heavy Hex Structural Bolts
ANSI/ASME B 18.2.3.7M - 2006
Metric Heavy Hex Structural Bolts
IFI 149 - 2000 Large Size Heavy Hex Screws
BS 1769 - 1951 Unified Hexagon Head Forged Bolts
BS 4395-1 - 1969
Metric High Strength Large Hexagon Head Bolts
DIN EN 14399(-8 fit bolt) - 2016
High-strength Structural Bolting Assemblies for Preloading
- Part 8: System HV — Hexagon Fit Bolt
DIN EN 14399(-4 Bolt) - 2015
High-strength Structural Bolting Assemblies for Preloading
- Part 4: System HV — Hexagon Bolt
DIN 6914 - 1989
High-Strength Hexagon Bolts with Large Widths Across Flats for Structural Bolting
DIN 7990 - 2017
Hexagon Head Bolts with Hexagon Nut for Steel Structures
EN 14399(-8 fit bolt) - 2018
High-strength Structural Bolting Assemblies for Preloading
- Part 8: System HV — Hexagon Fit Bolt
EN 14399(-7 Cs bolt) - 2018
High-strength Structural Bolting Assemblies for Preloading
- Part 7: System HR — Countersunk Head Bolt
EN 14399(-4 Bolt) - 2005
High-strength Structural Bolting Assemblies for Preloading
- Part 4: System HV — Hexagon Bolt
EN 14399(-3 Bolt) - 2015
High-strength Structural Bolting Assemblies for Preloading
- Part 3: System HR — Hexagon Bolt Assemblies
GB/T 1228 - 2006
High Strength Bolts with Large Hexagon Head for Steel Structures
GB/T 16939 - 2016
High Strength Bolts for Joints of Space Grid Structures
GB/T 32076.3 - 2015
High-Strength Structural Bolting Assemblies for Preloading-Part 3: System HR-Hexagon Bolt with Large Width Across Flats
GB/T 32076.4 - 2015
High-Strength Structural Bolting Assemblies for Preloading - Part 4: System HV-Hexagon Bolt with Large Width Across Flats
GB/T 32076.7 - 2015
High-strength Structural Bolting Assemblies For Preloading-Part 7: system HV-Hexagon Bolt with Large Width Across Flats and Nut Assemblies M39-m64
GOST R 52644 - 2006
Hexagon Bolts for High-Strength Structural Bolting with Large Width Across Flats - Product Grade C - Property Classes 8.8 and 10.9
ISO 7411 - 1984
Hexagon Bolts for High-Strength Structural Bolting with Large Width Across Flats(Thread Lengths According to ISO 888)—Product Grade C—Property Classes 8.8 and 10.9
ISO 7412 - 1984
Hexagon Bolts for High-Strength Structural Bolting with Large Width Across Flats(Short Thread Length—Product Grade C—Property Classes 8.8 and 10.9)
JIS B 1186 - 2013
High Strength Hexagon Bolts for Friction Grip Joints
NF E 25-801-3 - 2005
High Strength Bolts with Large Hexagon Head for Steel Structure
NF E 25-801-4 - 2005
High Strength Bolts with Large Hexagon Head for Steel Structure
NF E 25-801-8 - 2008
High-Strength Structural Bolting Assemblies for Preloading-Part 8: System HV-Hexagon Fit Bolt and Nut Assemblies
UNI 5712 - 1975
High-strength Large Hexagon Bolts for Structural Engineering - ISO Metric Coarse Thread

Check www.globalfastener.com for more data.

Square Head Bolts



ASME B 18.2.1 - 2012 Square Head Bolts [Table 1]
ASME B 18.2.1 - 2012 Askew Head Bolts [Table 4]
ASME B 18.2.3.10M - 1996 Metric Square Head Bolts
BS 916 - 1953 Square Head Bolt with B.S.Threads

BS 916 - 1953
Square Bolts Faced Under Head, and Faced Under Head and Turned on Shank with B.S.Threads - Black
BS 916 - 1953 Square Head Screws with B.S.Threads
BS 916 - 1953
Square Head Screws Faced Under Head with B.S.Threads - Black [Table 2]
DIN 12346 - 1989 Square Head Bolts for Shaft Guides
DIN 478 - 2016 Square Head Bolts with Collar
GB/T 35 - 2013 Square Head Bolts with Small Head
GB/T 8 - 2021 Square Head Bolts - Product Grade C
GOST 21249(-1) - 1996
Blunt Bolts for General Purpose - Basic Parameters and Dimensions
JIS E 1107 - 2008 Fish Plate Bolt Square Head
JIS B 1182 - 1995 Large Square Head Bolts
JIS B 1182 - 1995 Square Head Bolts
JIS B 1182 - 1995 Thin Square Head Bolts

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Round Head Bolts

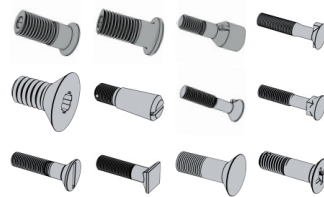


AS 1085.4 - 2002 (R2013) Railway Track Material - Fishbolts
AS/NZS 1390 - 1997 ISO Metric Cup Nibbed Head Bolts
AS/NZS 1390 - 1997
ISO Metric Cup Head Square Neck Bolts
ASME B 18.10 - 2006 Oval Neck Track Bolts [Table 1]
ASME B 18.10 - 2006 (R2016)
Elliptic Neck Track Bolts [Table 2]
ASME B 18.5 - 2012 (2017) Step Bolts, (Inch Series)
ASME B 18.5 - 2012 (2017)
Round Head Fin Neck Bolts, (Inch Series) [Table 5]
ASME B 18.5 - 2012 (2017)
Round Head Square Neck Bolts, (Inch Series) [Table 2]
ASME B 18.5 - 2012 (R2017)
Round Head Bolts, (Inch Series) [Table 1]
ANSI/ASME B 18.5 - 2012
Round Head Short Square Neck Bolts, (Inch Series) [Table 3]
ANSI/ASME B 18.5 - 2012
Round Head Ribbed Neck Bolts, (Inch Series) [Table 4]
ANSI/ASME B 18.5.2.3M - 1998
Metric Round Head Square Neck Bolts with Large Head
IFI 544 - 1998 Metric Round Head Ribbed Neck Bolts
BS 325 - 1947
Black Cup Nibbed Bolts for Iron and Steel Work
BS 325 - 1947 Black Cup Oval Neck Bolts
BS 325 - 1947 Black Cup Aquare Neck Bolts
BS 4933 - 1973 Metric Cup Square Bolts
BS 4933 - 1973 Metric Cup Head Nibbed Bolts
BS 4933 - 1973 Metric Cup Head Bolts
DIN 11015 - 1995
Agricultural Machinery - Flat Countersunk Square Neck Bolts with Short Square
DIN 21547 - 1988
Round Head Bolts with Oval Shoulder for Mine Supports
DIN 5903-1 - 2011
Fish Bolts - Part 1: with Round Head and Oval Neck
DIN 603 - 2017 Cup Head Square Neck Bolts
DIN 607 - 2010 Cup Head Nib Bolts
GB/T 12 - 2013 Cup Head Square Neck Bolts
GB/T 13 - 2013 Cup Head Nib Bolts
GB/T 14 - 2013 Mushroom Head Square Neck Bolts
GB/T 15 - 2013 Mushroom Head Nib Bolts
GB/T 794(B) - 2021
Strenthened Cup Head Square Neck Bolts - Type B
GB/T 794(A) - 2021
Strenthened Cup Head Square Neck Bolts - Type A
GB/T 801 - 2021
Cup Head Square Neck Bolts with Small Head and Short Neck - Product Grade B
GB 8262 - 1987 Bolts, Round Head with Oval Neck
ISO 8677 - 1986
Cup Head Square Neck Bolts with Large Head-Product Grade C
ISO 8678 - 1988
Cup Head Square Neck Bolts with Small Head and Short Neck-Product Grade B
JIS E 1107 - 2008 Fishbolt Profile
JIS B 1171 - 2005
Round Head Bolts with Short Square Neck

NF E 27-351 - 1969
Round Head Square Neck Bolts - JAPY Type
UNI 5732 - 1965
Cup Square Bolts with Hexagon Nut - ISO Metric Coarse Thread - Finish C

Check www.globalfastener.com for more data.

Countersunk Head Bolts



ASME B 18.9 - 2012
No.3 Repair Head Plow Bolts (Round, Countersunk, Square Neck)
ASME B 18.9 - 2012
No.6 Repair Head Plow Bolts (Countersunk, Heavy Key) [Table 4]
ASME B 18.9 - 2012
No.3 Regular Head Plow Bolts (Round, Countersunk, Square Neck)
ASME B 18.9 - 2012
No.7 Head Plow Bolts (Round, Countersunk, Reverse Key) [Table 2]
ASME B 18.9 - 2012
No.4 Repair Plow Countersunk Square Bolt [Table 3]
ANSI/ASME B 18.5 - 2008
Countersunk Bolts and Slotted Countersunk Bolts, (Inch Series)
ANSI/ASME B 18.5 - 2012
114-deg Countersunk Square Neck Bolts, (Inch Series) [Table 8]
BS 325 - 1947
Black Countersunk Square Neck Bolts for Woodwork
BS 325 - 1947
Black Countersunk Square Neck Bolts for Iron
BS 325 - 1947 Black Countersunk Nibbed Bolts
BS 4933 - 1973
Metric 90°Countersunk Head Nibbed Bolts
BS 4933 - 1973 Metric 90°Countersunk Square Bolts
BS 4933 - 1973
Metric 120°Countersunk Head Square Neck Bolts
BS 4933 - 1973 Metric 90°Countersunk Head Bolts
DIN 11014 - 1968
Agricultural Equipment; Countersunk Double-nip Bolts, Sinkings, Metric Thread, Finish
DIN 25195 - 2003
Railway Vehicles - Countersunk Bolts with Double Nip with Metric ISO Thread - Class C
DIN 604 - 2017 Flat Countersunk Head Nib Bolts
DIN 605 - 2010
Flat Countersunk Head Square Neck Bolts with Long Square
DIN 608 - 2010
Flat Countersunk Head Square Neck Bolts with Short Square
DIN 792 - 1976 Cylindrical Counter Sunk Screws
DIN 7969 - 1989
Slotted Countersunk Head Screws for Structural Steel Bolting for Supply with or without Nuts
GB/T 10 - 2013 Countersunk Head Square Neck Bolts
GB/T 11 - 2013 Countersunk Head Nib Bolts
GB/T 800 - 2020 Countersunk Head Double Nib Bolts
GB/T 820 - 2015
Raised Countersunk Head Screws with Cross Recess
JIS B 1179 - 1994 Flat Countersunk Nib Bolts
NF E 25-801-7 - 2008
High Strength Slotted Bolts for Steel Structure
UNI 6104 - 1975
Flat Countersunk Square Neck Bolts - Grade C
UNI 6105 - 1967
Flat Countersunk Head Nib Bolts - Grade C

Check www.globalfastener.com for more data.

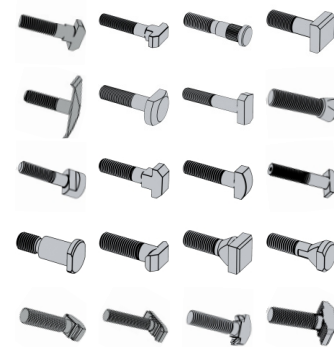
Eye bolts



DIN 444 - 2017 Eye Bolts
GB/T 798 - 2021 Eye Bolts
GOST 3033(-3) - 1979 Eye Bolts
UNI 6058 Eye Bolts

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T-Head Bolts



ASME B 18.5 - 2012 (2017)
T-Head Bolts, (Inch Series) [Table 10]
ASME B 18.9 - 2012 Clipped Head Plow Bolts [Table 5]
DIN 1445 - 2011
Clevis Pins with Head and Threaded Portion
DIN 186 - 2010 T-head Bolts with Square Neck
DIN 188 - 2011 T-head Bolts with Double Nib
DIN 25192 - 1978
T-Head Bolts (Hammer Head Bolts) for Railway Vehicles
DIN 261 - 2010 T-head Bolts with Hole
DIN 787 - 2005
Bolts and Screws for T-slots (d ≤ M12x12)
DIN 787 - 2005
Bolts and Screws for T-slots (d ≥ M12x14)
DIN 7992 - 2010 T-head Bolts with Large Head
GB 37 - 1988 Bolts for T-Slot
JIS B 1166 - 2009 T-Slot Bolts
JIS/JASO C 610(T4) - 1979
Bolts with Head: First Class
JIS/JASO C 610(TS) - 1979
Bolts with Head: 2nd Class

Check www.globalfastener.com for more data.

U-bolts



ASME B 18.31.5(UR) - 2011 U-Bolts, Round Bend
ASME B 18.31.5(US) - 2011 U-Bolts, Square Bends
IFI 136(U-Vee Bend) U-Bolt, Vee Bend
DIN 3570 - 1968
Steel Strap for Nomial Diameter 20 to 500 Tubes
GB 2329(U) - 1985 U - Bolt - Type U
GB 2329(UJ) - 1985 U - Bolt - Type UJ
JIS B 2809(MS) - 1977 U Shape Bolts (Type MS)

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Hexalobular Bolts & Screws



ASME B 18.2.1 - 2012 Lobed Head Screws
DIN 34800 - 2022
Bolts with External Hexalobular Driving Feature with Small Flange
DIN 34801 - 2021
Hexalobular Head Bolts with Large Flange
GB/T 35481 - 2017 Hexalobular Bolts with Flange

Check www.globalfastener.com for more data.

12 Point Bolts



ASME B 18.2.5M - 2013
12-Point Flange Head Screws (12.9 / ASTM F468M)
ANSI/ASME B 18.2.7.1M - 2002 (R2007)
Metric 12-Spline Flange Screws
IFI 115 - 2002 Flange 12-Point Screws

DIN 65438 - 1993

Aerospace; Bi-hexagonal Head Bolts, Close Tolerance, with Mj-thread, Short Thread Length, in Titanium Alloy; Nominal Tensile Strength 1100 Mpa, for Temperatures Up to 315 °c

EN 2874 - 1996

Aerospace Series-bolts, Large Bi-hexagonal Head, Close Tolerance Normal Shank, Medium Length Thread SAE J 58 - 1998 Bi-hexagonal Head Bolts with Flange

ISO 9254 - 2008

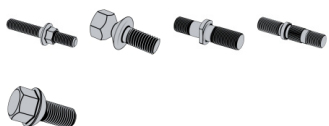
Aerospace - Bolts, Normal Spline Head, Normal or Pitch Diameter Shank, Long Length MJ Threads, Metallic Material, Coated or Uncoated, Strength Classes Less Than or Equal to 1100 MPa

ISO 9255 - 2008

Aerospace - Bolts, Normal Spline Head, Normal Shank, Short or Medium Length MJ Threads, Metallic Material, Coated or Uncoated, Strength Classes Less Than or Equal to 1100 MPa

Check www.globalfastener.com for more data.

Wheel Bolts



JIS /ASO C 610(T1) - 1979

Center Rib 1st Class Bolts of Automobiles

JIS /ASO C 610(T2) - 1979

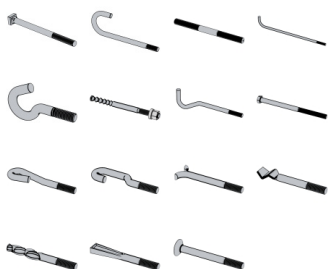
Center Rib 2nd Class Bolts of Automobiles

JIS /ASO C 610(T3) - 1979

Center Rib 3rd Class Bolts of Automobiles

Check www.globalfastener.com for more data.

Foundation Bolts



ASME B 18.31.5(HRA) - 2011

Hook Bolts, Right Angle Bend

ASME B 18.31.5(HR) - 2011 Round Bend Hook Bolts

BS 7419 - 1991

Metric Square Head Square Neck Anchor Bolts

BS 7419 - 1991 Metric Hexagon Head Anchor Bolt

DIN 529 - 2010

Masonry and Foundation Bolts - Shapes of Shank

DIN 6378 - 1974 Clip Bolts

GB /T 33943 - 2017

Steel Structure with High Strength Anchor Studs

GB /T 799(A) - 2020 Foundation Bolts - Type A

GB /T 799(B) - 2020 Foundation Bolts - Type B

JIS B 1178(JA) - 2009 Anchor Bolt - Type JA

JIS B 1178(J) - 2009 Anchor Bolt - Type J

JIS B 1178(LA) - 2009 Anchor Bolt - Type LA

JIS B 1178(L) - 2009 Anchor Bolt - Type L

Check www.globalfastener.com for more data.

Double End Bolts



ASME B 18.31.1M - 2008 (R2016)

Metric Tap-End Studs (1.50 Engagement) [Table 3]

ASME B 18.31.1M - 2008 (R2016)

Metric Clamping-Type Studs [Table 2]

ASME B 18.31.2 - 2014

Dimensions for Tap-End Studs (1.5d Engagement) (Inch Series)[Table 3]

ASME B 18.31.2 - 2014

Dimensions for Clamping Type Studs(Inch Series) [Table 2]

IFI 136 - 2006 Double End Studs

IFI 528 - 1999 Metric Double End Studs

BS 2693-1 - 1956 Screw Studs - UNC Thread [Table 4]

BS 2693-1 - 1956 Screw Studs - UNF Thread [Table 3]

BS 2693-1 - 1956 Screw Studs - B.S.F. Thread [Table 5]

BS 2693-1 - 1956 Screw Studs - B.S.W. Thread [Table 6]

BS 2693-1 - 1956 Screw Studs - B.A. Thread [Table 7]

DIN 2509 - 2016 Double End Studs

DIN 6379 - 2003 Studs for Use with T-Nuts (Long b1)

DIN 6379 - 2003 Studs for Use with T-Nuts

DIN 797 - 2009 Special Foundation Bolts

DIN 835 - 2010 Studs - Metal End ≈ 2 d

DIN 938 - 2012 Studs - Metal End ≈ 1 d

DIN 939 - 1995 Studs - Metal End ≈ 1,25 d

DIN 940 - 2010

Studs with a Length of Engagement Equal to about 2.5d

DIN 949(-2) - 1995

Studs with Metric Interference Thread MFS - Part 2:

Lengths of Engagement ≈ 2.5 d (Type B)

DIN 949-1 - 1995

Studs with Metric Interference Thread MFS - Part 1:

Lengths of Engagement ≈ 2 d (Type A)

GB /T 13807.2(S) - 2008

Connections with Waisted Stud - Type S

GB 897 - 1988 Double End Studs-bm=1d

GB 898 - 1988 Double End Studs-bm=1.25d

GB 899 - 1988 Double End Studs b1=1.5d

GB 900 - 1988 Double End Studs-bm=2d

GB 901 - 1988

Double End Studs (Clamping Type)-Product Grade B

GB /T 9125 - 2010

Double End Studs for Pipe Flange Connection

GB /T 9125 - 2010

Double End Studs - Product Grade B for Pipe Flange Connection

GB 953 - 1988

Double End Studs(Clamping Type) - Product Grade C

JIS B 1173 - 2010 Studs

JIS B 1220 - 2010

Set of Anchor Bolt with Rolled Threads for Structures

NF E 25-135 - 1986 Studs - Product A and B b1=1.5d

UNI 5909 - 1993 Double End Studs, bm=1d

UNI 5911 - 1993

Medium End Studs (b1=1.5d)-ISO Metric Coarse Thread

- Product Grade A

Check www.globalfastener.com for more data.

Thread Rods



ASME B 18.31.1M - 2008 (R2016)

Metric Continuous-Thread Studs [Table 1]

ASME B 18.31.2 - 2014

Continuous Thread Stud(Inch Series) [Table 1]

ASME B 18.31.3 - 2014 Inch Threaded Rod

ANSI/ASME B 18.31.3 - 2009

Threaded Rods(Inch Series)

BS 2693-2 - 1964 Thread Rod

DIN 975 - 1986 Threaded Rods

DIN 976-1 - 2016

Fasteners - Stud Bolts - Part 1: Metric Thread

DIN 976-2 - 2016

Fasteners - Stud Bolts - Part 2: Metric Interference Thread

MFS

GB /T 15389 - 1994 Thread Rods

GB /T 9125 - 2010

Thread Stud Bolts for Pipe Flange Connection

NF E 25-136 - 1986

Threaded Rods - Product Grades A and B

Check www.globalfastener.com for more data.

Torshear type high strength bolt



ASME B 18.2.6 - 2019

Twist-Off-Type Tension Control Structural Bolts: Heavy Hex Head Configurations

ASME B 18.2.6 - 2019

Twist-Off-Type Tension Control Structural Bolts: Heavy Round Head Configurations

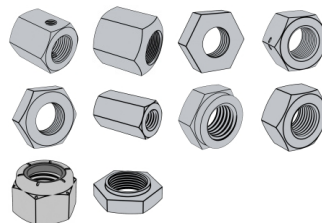
GB /T 3632 - 2008

Sets of Torshear Type High Strength Bolt Hexagon Nuts and Plain Washer for Steel Structures

Check www.globalfastener.com for more data.



Hex Nuts



AS 1112.1 - 2000

ISO Metric Hexagon Nuts, Style 1 - Product Grades A and B

AS 1112.2 - 2000

ISO Metric Hexagon Nuts, Style 2 - Product Grades A and B

AS 1112.3 - 2015

ISO Metric Hexagon Nuts - Product Grade C

AS 1112.4 - 2000

ISO Metric Hexagon Thin Nuts - Product Grades A and B

AS /NZS 2451 - 1998

Nuts with British Standard Whitworth Threads

AS /NZS 2465 - 1999 (R2016)

Hexagon Nuts (UNC and UNF threads)

ASME B 18.2.2 - 2022 Hex Machine Screw Nuts [Table 1]

ASME B 18.2.2 - 2022

Small Pattern Hex Machine Screw Nuts [Table 2]

ASME B 18.2.2 - 2022

Hex Flat Nuts and Hex Flat Jam Nuts [Table 4]

ASME B 18.2.2 - 2022

Hex Nuts and Hex Jam Nuts [Table 5]

ASME B 18.2.2 - 2022 Hex Thick Nuts [Table 7]

ASME B 18.2.2 - 2022

Heavy Hex Nuts and Heavy Hex Jam Nuts [Table 11]

ASME B 18.2.2 - 2022 Hex Coupling Nuts [Table 14]

ASME B 18.2.4.2M - 2010 Metric Hex Nuts, Style 2

ASME B 18.2.4.5M - 2008 Metric Hex Thin Nuts

ANSI/ASME B 18.2.4.1M - 2007 Metric Hexagon Nuts

BS 1083 - 1965

Precision Hexagon Lock Nuts - B.S.W. & B.S.F. Threads

BS 1083 - 1965

Precision Hexagon Nuts - B.S.W. & B.S.F. Threads

BS 1768 - 1963 Unified Hexagon Ordinary Nuts

BS 1768 - 1963 Unified Hexagon Thick Ordinary Nuts

BS 1768 - 1963 Unified Hexagon Lock Nuts

BS 1769 - 1951

Unified Hexagon Ordinary Nuts - Heavy Series - Full Bearing

BS 1769 - 1951

Unified Hexagon Ordinary Nuts - Heavy Deries - Double

Chamfered

BS 1769 - 1951 Unified Hexagon Lock Nuts - Heavy Series

BS 1981 - 1991 Hexagon Screw Nuts, Size #0 To #12

BS 325 - 1947 Black Hexagon Nuts

BS 3692 - 2014 Metric Precision Hexagon Thin Nuts

BS 3692 - 2014 Metric Precision Hexagon Nuts

BS 4190 - 2014

ISO Metric Hexagon Thin Nuts - Faced Both Sides

BS 4190 - 2014 ISO Metric Hexagon Nuts - Black [Table 7]

BS 4190 - 2014

ISO Metric Hexagon Nuts - Faced Under Head [Table 7]

BS 450 - 1958

Machine Screw Nuts with B.S.W. & B.S.F. Threads -

Precision Type [Table 10]

BS 916 - 1953

Hexagon Nuts with B.S.Threads - Black [Table 3]

BS 916 - 1953

Hexagon lock Nuts with B.S.Threads - Black, Faced Both

side - Black [Table 3]

BS 916 - 1953

Hexagon Thin Nuts with B.S.Threads - Faced One Side

or Both Side - Black [Table 3]

DIN EN ISO 4032 - 2013

Hexagon Regular Nuts (Style 1) - Product Grade A and B

DIN EN ISO 4034 - 2012

Hexagon Regular Nuts(Style 1) - Product Grade C

DIN EN ISO 4035 - 2013

Chamfered Hexagon Thin Nuts—Product Grades A and B

DIN EN ISO 4036 - 2013

Unchamfered Hexagon Thin Nuts,Product Grade B

DIN EN ISO 8673 - 2013

Hexagon Regular Nuts with (Style 1) with Metric Fine Pitch

Thread-Product Grade A and B

DIN EN ISO 8674 - 2013

Hexagon High Nuts,(Style 2)with Metric Fine Pitch Thread-

Product Grade A and B

DIN 2510-S(NF / TF) - 1971

Bolted Connections with Reduced Shank Hexagon Nuts

DIN 34814 - 1999 Plastic Hexagon Nuts

DIN 439(-1) - 1987

Unchamfered Hexagon Thin Nuts, Product Grade B

DIN 439(-2) - 1987

Chamfered Hexagon Thin Nuts—Product Grades A and B

DIN 555 - 1987

Hexagon Nuts—Product Grade C, M5 to M100×6

DIN 6330 - 2003 Hexagon Nuts with a Height of 1.5d

DIN 6334 Hexagon Coupling Nuts 3d

DIN 934 - 1987

Hexagon Nuts with Metric Coarse and Fine Pitch thread,

Product Classes A and B

DIN 936 - 1985

Hexagon Thin Nuts—Product Grades A and B,M8 to M52

and M8×1 to M52×3

DIN 970 - 1982

Hexagon Nuts—Style1, Metric Coarse Thread, Product

Grades A and B, ISO 4032 Modified

DIN 971(-1) - 1987

Style 1 Hexagon Nuts with Metric Fine Pitch Thread,

JIS B 1181 - 2014

Hexagon Nut, Style 1, Fine Thread [Table 7-8]

JIS B 1181 - 2014

Hexagon Nut, Style 2, Coarse Thread [Table 11]

JIS B 1181 - 2014

Hexagon Nut, Style 2, Fine Thread [Table 14-15]

JIS B 1181 - 2014 Hexagon Nut, C [Table 18-19]

JIS B 1181 - 2014

Hexagon Thin Nut, Chamfered, Coarse Thread [Table 22-23]

JIS B 1181 - 2014

Hexagon Thin Nut, Unchamfered, Coarse Thread [Table 30]

JIS B 1220 - 2010 Hexagon Foundation Nuts

KS B 1012 - 2001 Hexagon Nuts

NF E 25-401 - 2001

Hexagon Nuts, Style 1 - Product Grades A and B

NF E 25-402 - 2001 Hexagon Nuts - Product Grade C

NF E 25-405-1 - 2001

Hexagon Thin Nuts (Chamfered) - Product A and B

NF E 25-405-2 - 2001

Hexagon Thin Nuts(Unchamfered) - Product Grade B

NF E 25-407 - 2001

Hexagon Nuts, Style 2 - Product Grades A and B

NF E 25-451 - 2001

Hexagon Nuts, Style 1, with Fine Pitch Thread - Product

Grades A and B

NF E 25-452 - 2001

Hexagon Nuts, Style 2, with Metric Fine Pitch Thread -

Product Grades A and B

NF E 25-453 - 2001

Hexagon Thin Nuts(Chamfered)with Metric Fine Pitch

Thread - Product Grades A and B

UNI 5587 - 1968

Thick Hexagon Nuts (Special Purpose) - ISO Metric Coarse

and Fine Thread - Finish A

UNI 5588 - 1965 Hexagon Nuts - Style 1

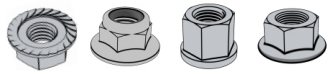
UNI 5589

Lock Hexagon Nuts - ISO Metric Coarse and Fine Thread

- Finish A

Check www.globalfastener.com for more data.

Flanged / Collared Hex Nuts



ASME B 18.16.4 - 2008

Regular Serrated Flange Locknuts [Table 1]

ASME B 18.16.4 - 2008

Large Serrated Flange Locknuts

ASME B 18.2.2 - 2022 Hex Flange Nuts [Table 13]

ASME B 18.2.2 - 2015 Large Hex Flange Nuts [Table 12]

ANSI/ASME B 18.2.4.4M - 1982 (R2005)

Metric Hex Flange Nuts

IFT 145 - 2002 Large Hexagon Flange Nuts

IFT 145 - 2002 Hexagon Flange Nuts

DIN EN 1661 - 1998 Hexagon Nuts with Flange

DIN 6331 - 2003

Hexagon Collar Nuts with a Height of 1.5d

DIN 6923 - 1983 Hexagon Nuts with Flange

DIN 977 - 1998 Hexagon Weld Nuts with Flange

EN 14218 - 2003

Hexagon Head Nuts with Flange with Fine Pitch Thread

EN 1661 - 1998 Hexagon Nuts with Flange

GB/T 6177.1 - 2016 Hexagon Nuts with Flange, Style 2

GB/T 6177.2 - 2016

Hexagon Nuts with Flange, Style 2 - Fine Pitch Thread

GB/T 6187.2 - 2016

Prevailing Torque Type All-Metal Hexagon Nuts with

Flange, Style 2 - Fine Pitch Thread

ISO 10663 - 2012

Hexagon Nuts with Flange, Style 2 - Fine Pitch Thread

ISO 4161 - 2012

Hexagon Nuts with Flange, Style 2-Coarse Thread

JIS B 1190(ISO 10663) - 2005

Hexagon Nuts with Flange - Fine Thread

JIS B 1190(ISO 4161) - 2005

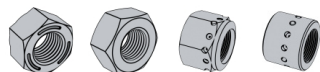
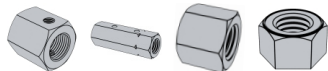
Hexagon Nuts with Flange - Coarse Thread

KS B 1043 - 2002 Hexagon Head Nuts with Flange

NF E 25-406 - 1998 (R2004) Hexagon Nuts with Flange

Check www.globalfastener.com for more data.

Hex Structural Nuts



AS /NZS 1252.1 - 2016 High-Strength Steel Nuts

ASME B 18.2.2 - 2022

Heavy Hex Flat Nuts and Heavy Hex Flat Jam Nuts

[Table 10]

ASME B 18.2.4.6M - 2010 Metric Heavy Hex Nuts

ASME B 18.2.6 - 2019

Heavy Hex Nuts for Use with Structural Bolts

ASME B 18.2.6M - 2012

Metric Heavy Hex Nuts for Use with Structural Bolts

BS 4395-1 - 1969 Metric High Strength Large Hex Nuts

DIN EN 14399(-4 Nut) - 2015

High-strength Structural Bolting Assemblies for Preloading

- Part 4: System HV — Hexagon Nut

DIN EN 14399-8(-8 Nut) - 2016

High-Strength Structural Bolting Assemblies for Preloading

- Part 8: System HV—Hexagon Fit Nuts

DIN 1479 - 2005 Hexagon Turnbuckles

DIN 6915 - 1999

High-Strength Hexagon Nuts with Large Widths Across

Flats for Structural Steel Bolting

EN 14399(-4 Nut) - 2005

High-strength Structural Bolting Assemblies for Preloading

- Part 4: System HV — Hexagon Nut

EN 14399-7 - 2018

High-strength Structural Bolting Assemblies for Preloading

- Part 7: System HR — Hexagon Nuts

GB /T 1229 - 2006

High Strength Large Hexagon Nuts for Steel Structures

GB /T 13807.3 - 2008

Connections with Waisted Stud - Nuts Type CG and CP

GB /T 13807.3(P) - 2008

Connections with Waisted Stud - Nuts Type P

GB /T 13807.3(G) - 2008

Connections with Waisted Stud - Nuts Type G

GB /T 32076.3 - 2015

High-Strength Structural Bolting Assemblies for Preloading

- Part 3: System HR—High Strength Large Hexagon Nuts

GB /T 32076.4 - 2015

System HV—High Strength Large Hexagon Nuts

GB /T 32076.7 - 2015

System HV—High Strength Large Hexagon Nuts M39-M64

GB /T 32076.9 - 2017

Sets of Torshear Type High Strength Bolt Hexagon Nuts

GB /T 33943 - 2017

Hexagon Nuts for High Strength Anchoring of Steel

Structures

GB /T 3632 - 2008

Nuts for Sets of Torshear Type High Strength Bolt for

Steel Structures

GB /T 9125 - 2010

Large Hexagon Nut for Pipe Flange Connection

GOST R 52645 - 2006

Hexagon Nuts for High-Strength Structural Bolting with

Large Width Across Flats - Product Grade B - Property

Classes 8 and 10

ISO 4775 - 1984

Hexagon Nuts for High-Strength Structural Bolting with

Large Width Across Flats—Product Grades B—Property

Classes 8 and 10

ISO 7413 - 1984

Hexagon Nuts for Structural Bolting, Style 1, Hot-dip

Galvanized(Oversize Tapped)—Product Grades A and

B—Property Classes 5,6 and 8

ISO 7414 - 1984

Hexagon Nuts for Structural Bolting with Large Width

Across Flats, Style 1-Product Grade B

ISO 7417 - 1984

Hexagon Nuts for Structural Bolting—Style 2, Hot Dip

Galvanized(Oversize Tapped)-Product Grade A—Property

Class 9

JIS B 1186(T8) - 2013

High Strength Hexagon Nuts for Friction Grip Joints

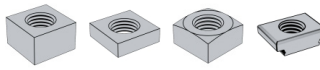
UNI 5713 - 1975

High-Strength Large Hexagon Nuts for Structural Bolting

-ISO Metric Coarse Thread

Check www.globalfastener.com for more data.

Square Nuts



ASME B 18.10 - 2006 (R2016)

Track Bolt Nuts (Square Nuts) [Table 3] (A563)

ASME B 18.2.2 - 2022

Square Machine Screw Nuts [Table 1]

ASME B 18.2.2 - 2022 Square Nuts [Table 3]

ASME B 18.2.2 - 2022 Heavy Square Nuts [Table 9]

BS 1981 - 1991 Square Screw Nuts

BS 325 - 1947 Black Square Nuts

BS 916 - 1953

Square Nuts with B.S.Threads - Black [Table 3]

DIN 557 - 1994 Square Nuts-Product Grade C

DIN 562 - 2013 Square Thin Nuts, Product Grade B

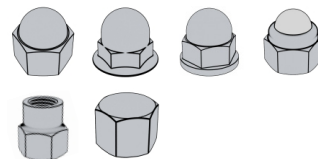
DIN 798 - 2009 Special Foundation Nuts

GB 39 - 1988 Square Nuts-product Grade C

JIS B 1163 - 2009 Square Nuts with Single Chamfer

Check www.globalfastener.com for more data.

Acorn Nuts



DIN 1587 - 2021 Hexagon Cap Nuts, High Type

DIN 319 - 1978 Ball Knobs [Type C]

DIN 917 - 2021 Hexagon Cap Nuts, Low Type

DIN 986 - 2013

Prevailing Torque Type Hexagon Domed Cap Nuts with

Nonmetallic Insert

GB /T 802.1 - 2008 Acorn Nuts-Assembling Type

GB /T 802.2 - 2008 Hexagon Weld Acorn Nuts

GB /T 802.3 - 2009

Acorn Hexagon Nuts with Flange-Welding Type

GB /T 802.4 - 2009 Hexagon Cap Nuts-Welding Type

GB /T 923 - 2009 Acorn Hexagon Nuts

SAE J 483 - 2006 Hexagon Acorn Nuts

JIS B 1183 - 2010 Small Acorn Nuts - Assembling Type

JIS B 1183 - 2010

Small Domed Cap Nuts, Type 1, Type 2

JIS B 1183 - 2010 Domed Cap Nuts - Type 3

JIS B 1183 - 2010 Acorn Hexagon Nuts

KS B 1026 - 1990 Hexagon Acorn Nuts

KS B 1026 - 1990

Small Domed Cap Nuts - Assembling Type

KS B 1026 - 1990 Small Domed Cap Nuts

KS B 1026 - 1990 Domed Cap Nuts - Assembling Type

UNI 2733 - 1965

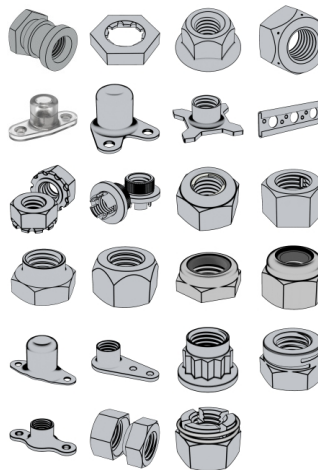
Hexagon Cap Nuts - ISO Metric Coarse and Fine Thread

- Finish A

UNI 5721 - 1969 Domed Cap Nuts

Check www.globalfastener.com for more data.

Locking Nuts



ASME B 18.16.3M(hex/metal) - 1998

Metric All-metal Prevailing-Torque Hex Nuts - Property

Classes 5, 9 and 10 [Table 1]

ASME B 18.16.3M(flange/metal) - 1998

Metric All-metal Prevailing-Torque Hex Flange Nuts -

Property Classes 5,9 and 10 [Table 2]

ASME B 18.16.6(NE) - 2017

Style NE Nylon Insert Locknut

ASME B 18.16.6(NM) - 2017

Style NM Nylon Insert Locknut

ASME B 18.16.6(NTM) - 2017

Style NTM Nylon Insert Locknut

ASME B 18.16.6 - 2017 Nylon Insert Hex Flange Nuts

ASME B 18.16.6 - 2017

Prevailing Torque All-Metal Type Hex Nuts

ASME B 18.16.6 - 2017

Prevailing Torque All-Metal Type Hex Flange Nuts

ASME B 18.16.6 - 2008

Nylon Insert Locknuts (Inch Series)

ASME B 18.16.6(NTE) - 2017

Style NTE Nylon Insert Locknut

ASME B 18.16.6(NU) - 2017

Style NU Nylon Insert Locknut

ASME B 18.16.6(NTU) - 2017

Style NTU Nylon Insert Locknut

ASME B 18.16M(hex/metal) - 2004 (R2016)

Metric All-Metal Prevailing-Torque Hex Nuts - Property

Classes 5, 9 and 10 [Table 1]

ASME B 18.16M(hex/non-metal) - 2004 (R2016)

Metric Non-Metallic Prevailing-Torque Hex Nuts - Property

Classes 5, 9 and 10 [Table 1]

ASME B 18.16M(flange/metal) - 2004 (R2016)

Metric All-Metal Prevailing-Torque Hex Nuts - Property

Classes 5, 9 and 10 [Table 2]

ASME B 18.16M(flange/non-metal) - 2004 (R2016)

Metric Non-Metallic Prevailing-Torque Hex Flange Nuts

[Table 2]

IFT 100-107 - 2002

Prevailing-Torque Type Regular Hex and Light Hex Series

Nuts

IFT 100-107 - 2002

Prevailing-Torque Type Hex Flange Nuts

BS 4929-1 - 1973

Metric Series Prevailing-Torque Type Nuts

BS 4929-2 - 1973

Unified Inch Series Steel Hexagon Prevailing-Toyque

Type Nuts

DIN EN 1663 - 1998

Prevailing Torque Type Hexagon Nuts with Flange and

with Non-Metallic Insert

DIN EN 1664 - 1998

Prevailing Torque Type All-metal Hexagon Nuts with Flange

DIN EN 1666 - 1998

Prevailing

EN 1666 - 1997

Prevailing Torque Type Hexagon Nuts with Flange (with Non-Metallic Insert) with Metric Fine Pitch Thread

EN 1667 - 1997

Prevailing Torque Type All-Metal Hexagon Nuts with Flange with Metric Fine Pitch Thread

GB 1337 - 1988 Self-Locking Nuts, Hexagon

GB 1339 - 1988 Self-Locking Nuts, Reduced Hexagon

GB/T 6172.2 - 2016
Prevailing Torque Type Hexagon Thin Nuts(with Non-Metallic Insert)

GB/T 6182 - 2016
Prevailing Torque Type Hexagon Nuts(with Non-Metallic Insert), Style 2

GB/T 6183.1 - 2016
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert), Style 2

GB/T 6183.2 - 2016
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert), Style 2-Fine Pitch Thread

GB/T 6184 - 2000
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert), Style 2-Fine Pitch Thread

GB/T 6185.1 - 2016
Prevailing Torque Type All-Metal Hexagon Nuts, Style 1

GB/T 6185.2 - 2016
Prevailing Torque Type All-Metal Hexagon Nuts, Style 2

GB/T 6187.1 - 2016
Prevailing Torque Type All-Metal Hexagon Nuts, Style 2-Fine Pitch Thread

GB/T 6186 - 2000
Prevailing Torque Type All-Metal Hexagon Nuts, Style 2-Property Class 9

GB/T 6187.1 - 2016
Prevailing Torque Type All-Metal Hexagon Nuts with Flange, Style 2

GB/T 802.5 - 2009
Prevailing Torque Type Hexagon Acorn Nuts with Non-Metallic Insert-Welding Type

GB 805 - 1988 Tight Nuts

GB/T 889.1 - 2015
Prevailing Torque Type Hexagon Nuts(with Non-Metallic Insert), Style 1

GB/T 889.2 - 2016
Prevailing Torque Type Hexagon Nuts(with Non-Metallic Insert), Style 1-Fine Pitch Thread

ISO 10511 - 2012
Prevailing Torque Type Hexagon Thin Nuts(with Non-Metallic Insert)

ISO 10512 - 2012
Prevailing Torque Type Hexagon Regular Nuts(with Non-Metallic Insert) with Metric Fine Pitch Thread - Property Classes 6, 8 and 10

ISO 10513 - 2012
Prevailing Torque Type All-Metal Hexagon High Nuts with Metric Fine Pitch Thread - Property Classes 8, 10 and 12

ISO 12125 - 2012
Prevailing Torque Type Hexagon Nuts With Flange(with Non-Metallic Insert) with Metric Fine Pitch Thread, style 2 - Product Grades A and B

ISO 12126 - 2012
Prevailing Torque Type Hexagon Nuts with Flange with Metric Fine Pitch Thread, Style 2 - Product Grades A and B

ISO 7040 - 2012
Prevailing Torque Type Hexagon Regular Nuts(with Non-Metallic Insert)-Property Classes 5, 8 and 10

ISO 7041 - 2012
Prevailing Torque Type Hexagon Nuts(with Non-metallic Insert), Style 2, Classes 9 and 12

ISO 7042 - 2012
Prevailing Torque Type All-Metal Hexagon High Nuts-Property Classes 5, 8, 10 and 12

ISO 7043 - 2012
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert), Style 2-Product Grades A and B

ISO 7044 - 2012
Prevailing Torque Type Hexagon Regular Nuts(with Non-Metallic Insert)-Property Classes 5, 8 and 10

ISO 7041 - 2012
Prevailing Torque Type Hexagon Nuts(with Non-metallic Insert), Style 2, Classes 9 and 12

ISO 7042 - 2012
Prevailing Torque Type All-Metal Hexagon High Nuts-Property Classes 5, 8, 10 and 12

ISO 7043 - 2012
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert), Style 2-Product Grades A and B

ISO 7044 - 2012
Prevailing Torque Type Hexagon Regular Nuts(with Non-Metallic Insert)-Property Classes 5, 8 and 10

ISO 7041 - 2012
Prevailing Torque Type Hexagon Nuts(with Non-metallic Insert), Style 2, Classes 9 and 12

ISO 7042 - 2012
Prevailing Torque Type All-Metal Hexagon High Nuts-Property Classes 5, 8, 10 and 12

ISO 7043 - 2012
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert), Style 2-Product Grades A and B

ISO 7044 - 2012
Prevailing Torque Type Hexagon Regular Nuts(with Non-Metallic Insert)-Property Classes 5, 8 and 10

ISO 7041 - 2012
Prevailing Torque Type Hexagon Nuts(with Non-metallic Insert), Style 2, Classes 9 and 12

ISO 7042 - 2012
Prevailing Torque Type All-Metal Hexagon High Nuts-Property Classes 5, 8, 10 and 12

ISO 7043 - 2012
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert), Style 2-Product Grades A and B

ISO 7044 - 2012
Prevailing Torque Type Hexagon Regular Nuts(with Non-Metallic Insert)-Property Classes 5, 8 and 10

ISO 7041 - 2012
Prevailing Torque Type Hexagon Nuts(with Non-metallic Insert), Style 2, Classes 9 and 12

ISO 7042 - 2012
Prevailing Torque Type All-Metal Hexagon High Nuts-Property Classes 5, 8, 10 and 12

ISO 7043 - 2012
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert), Style 2-Product Grades A and B

ISO 7044 - 2012
Prevailing Torque Type Hexagon Regular Nuts(with Non-Metallic Insert)-Property Classes 5, 8 and 10

ISO 7041 - 2012
Prevailing Torque Type Hexagon Nuts(with Non-metallic Insert), Style 2, Classes 9 and 12

ISO 7042 - 2012
Prevailing Torque Type All-Metal Hexagon High Nuts-Property Classes 5, 8, 10 and 12

ISO 7043 - 2012
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert), Style 2-Product Grades A and B

ISO 7044 - 2012
Prevailing Torque Type Hexagon Regular Nuts(with Non-Metallic Insert)-Property Classes 5, 8 and 10

JIS B 1199-2(ISO 7719) - 2001

Prevailing Torque Type All-Metal Hexagon Lock Nuts, Style 1

JIS B 1199-2(ISO 7042) - 2001

Prevailing Torque Type All-Metal Hexagon Lock Nuts - Style 2

JIS B 1199-2(ISO 7720) - 2001

Prevailing Torque Type All-metal Hexagon Nuts, Style 2 - Property Class 9

JIS B 1199-2(ISO 10513) - 2001

Prevailing Torque Type All-metal Hexagon Nuts, Style 2, with Metric Fine Pitch Thread

JIS B 1199-3 - 2001
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert)

JIS B 1199-4 - 2001
Prevailing Torque Type Hexagon Nuts with Flange(with Non-Metallic Insert)

KS B 1044 - 1998
Prevailing Torque Type Hexagon Nuts(with Non-Metallic Insert), Style 1

NF E 25-409 - 1997 (R2002)
Prevailing Torque Type Hexagon Nuts, (with Non-Metallic Insert) Style 1. Property Classes 5, 8 and 10

NF E 25-410 - 1997 (R2002)
Prevailing Torque Type All-Metal Hexagon Nuts. Property Classes 5, 8 and 10

NF E 25-411 - 1985 (R2001)
Prevailing Torque Type All-Metal Hexagon Nuts with Slot(s) - Product Grades A and B - Symbol H Fr

NF E 25-412 - 1997 (R2002)
Prevailing Torque Type Hexagon Thin Nuts (with Non-Metallic Insert)

NF E 25-413 - 1998 (R2004)
Prevailing Torque Type Hexagon Nuts with Flange (with Non-Metallic Insert)

NF E 25-414 - 1998 (R2004)
Prevailing Torque Type Hexagon Nuts with Flange (with Non-Metallic Insert)

NF E 25-415 - 1997 (R2002)
Prevailing Torque Type Hexagon Thin Nuts (with Non-Metallic Insert)

NF E 25-416 - 1998 (R2004)
Prevailing Torque Type Hexagon Nuts with Flange (with Non-Metallic Insert)

NF E 25-417 - 1998 (R2004)
Prevailing Torque Type Hexagon Nuts with Flange (with Non-Metallic Insert)

NF E 25-418 - 1998 (R2004)
Prevailing Torque Type Hexagon Nuts with Flange (with Non-Metallic Insert)

NF E 25-419 - 1998 (R2004)
Prevailing Torque Type Hexagon Nuts with Flange (with Non-Metallic Insert)

NF E 25-420 - 1997 (R2002)
All-Metal Prevailing Torque Type Hexagon Nuts, Style 2 - Property Classes 5, 8, 10 and 12

NF E 25-421 - 1997 (R2002)
Prevailing Torque Type Hexagon Nuts(with Non-Metallic Insert), Style 1, with Metric Fine Pitch Thread - Property Classes 6, 8 and 10

NF E 25-422 - 1997 (R2002)
Prevailing Torque Type Hexagon Thin Nuts(with Non-Metallic Insert), Style 2, with Metric Fine Pitch Thread - Property Classes 8, 10 and 12

NF E 25-423 - 1998 (R2004)
Prevailing Torque Type Hexagon Flange Nuts (with Non-Metallic Insert), Fine Pitch Thread

NF E 25-424 - 1998 (R2004)
Prevailing Torque Type Hexagon Flange Nuts (with Non-Metallic Insert), Fine Pitch Thread

NF E 25-425 - 1998 (R2004)
Prevailing Torque Type Hexagon Flange Nuts (with Non-Metallic Insert), Fine Pitch Thread

NF E 25-426 - 1998 (R2004)
Prevailing Torque Type Hexagon Flange Nuts (with Non-Metallic Insert), Fine Pitch Thread

UNI 7473 - 1975
Prevailing Torque Type Hexagon Nuts with Polyamide Ring-ISO Metric Coarse and Fine Thread - Product Grade A

UNI 7474
Prevailing Torque-Type Hexagon Lock Nuts with Polyamide Ring-ISO Metric Coarse and Fine Thread - Product Grade A

UNI 8835 - 1985 Self-Locking Counter Nuts

UNI 8835 - 1985 Self-Locking Counter Nuts

UNI 8835 - 1985 Self-Locking Counter Nuts

UNI 8835 - 1985 Self-Locking Counter Nuts

UNI 8835 - 1985 Self-Locking Counter Nuts

UNI 8835 - 1985 Self-Locking Counter Nuts

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UNI 8835 - 1985 Self-Locking Counter Nuts

UNI 8835 - 1985 Self-Locking Counter Nuts

UNI 8835 - 1985 Self-Locking Counter Nuts

UNI 8835 - 1985 Self-Locking Counter Nuts

BS 3692 - 2014

Metric Precision Hexagon Slotted Nuts and Castle Nuts

BS 7764 - 1994

Metric Hexagon Slotted Nuts and Castle Nuts

DIN 935-1 - 2013

Hexagon Slotted and Castle Nuts - Part 1: Metric Coarse and Fine Pitch Thread, Product Grades A and B

DIN 935-3 - 2000

Hexagon Slotted Nuts - Part 3: Metric Coarse Pitch Thread, Product Grade C

DIN 937 - 1983

Hexagon Thin Castle Nuts (Previous Design)

DIN 979 - 2013

Hexagon Thin Slotted Nuts and Castle Nuts with Metric Coarse and Fine Pitch Thread, Product Grades A and B

GB 60 - 1976 Hexagonal Slotted Reduced Height Nuts

GB 6178 - 1986
Hexagon Slotted and Castle Nuts, Style 1-Product Grades A and B

GB 6179 - 1986
Hexagon Slotted Nuts, Style 1-Product Grade C

GB 6180 - 1986
Hexagon Slotted and Castle Nuts, Style 2-Product Grade A and B

GB 6181 - 1986
Hexagon Thin Slotted Nuts-Product Grade A and B

GB 9457 - 1988
Hexagon Slotted and Castle Nuts, Style 1 - Fine Pitch Thread - Product Grades A and B

GB 9458 - 1988
Hexagon Slotted and Castle Nuts, Style 2 - Fine Pitch Thread - Product Grades A and B

GB 9459 - 1988
Hexagon Thin Slotted Nuts - Fine Pitch Thread - Product Grade A and B

GOST 2528 - 1973
Hexagon Slotted Nuts with Reduced with Across Flats, Accuracy Class A

GOST 5919 - 1973
Hexagon Thin Slotted and Castle Nuts, Accuracy Class B

GOST 5932 - 1973
Hexagon Slotted and Castle Nuts, Accuracy Class A

GOST 5933 - 1973
Hexagon Thin Slotted and Castle Nuts, Accuracy Class A

GOST 5935 - 1973
Hexagon Slotted Lock-Nuts with Reduced Across Flats Width, of Accuracy Class A

SAE J 482(-2) - 2006 US Hex Slotted High Nuts

JIS B 1170 - 2011 Hexagon Slotted Nuts - Type 1 and 3

JIS B 1170 - 2011 Hexagon Slotted Nuts - Type 2 and 4

JIS B 1170 - 2011 Hexagon Slotted Nuts - Type 2 and 4

JIS B 1170 - 2011 Hexagon Slotted Nuts - Type 2 and 4

JIS B 1170 - 2011 Hexagon Slotted Nuts - Type 2 and 4

KS B 1015 - 1990 Hexagon Slotted and Castle Nuts

NF E 27-414 - 1969 Hexagon Slotted Nuts

UNI 5593
Slotted and Castle Hexagon Nuts-ISO Metric Coarse and Fine Thread - Product Grade A

UNI 5594 - 1976 Slotted and Castle Low Hexagon Nuts

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

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Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

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Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

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Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

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Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

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Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

UNI 5595 - 1976
Slotted and Castle Hexagon Nuts-ISO Metric Coarse Thread - Product Grade C

DIN 466 - 2006

Knurled Nuts, High Type

DIN 467 - 2006

Knurled Nuts, Low Type

DIN 546 - 2010

Slotted Round Nuts

DIN 547 - 2006

Round Nuts with Drilled Holes in One Face

DIN 548 - 2007 Round Nuts with Set Pin Holes in Side

DIN 6303 - 2006

Knurled Nuts

DIN 70852 - 1989

Groove Nuts

DIN 981(KM) - 2009

Locknut of Type KM..., KML..., or HM..., for Use with Type MB... Lockwasher as in DIN 5406

DIN 981(HM) - 2009

Locknut of Type HM..., for Use with Type MS ... Locking Plate as in DIN 5406

GB 806 - 1988

Knurled Nut with Collar

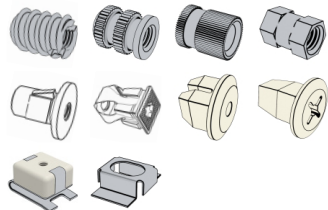


DIN 34818 - 2002

Sheet Spring Nuts with Tapping Screw Thread
GB 930 - 1988 Self-Locking Nuts, Two-Lug, Anchor
JIS B 1216(T1) - 2006 Push-on Spring Square Nuts

Check www.globalfastener.com for more data.

Snap-In Nuts



DIN 16903(A) - 1974

Open Insert Nuts for Plastics Mouldings - Hex without Shoulder - Type A

DIN 16903(B) - 1974

Open Insert Nuts for Plastics Mouldings - Round without Shoulder - Type B

DIN 16903(C) - 1974

Open Insert Nuts for Plastics Mouldings - Hex with Shoulder - Type C

DIN 16903(D) - 1974

Open Insert Nuts for Plastics Mouldings - Round with Shoulder - Type D

DIN 16903(E) - 1974

Closed Insert Nuts with Disk for Plastics Mouldings - Hex without Shoulder - Type E

DIN 16903(F) - 1974

Closed Insert Nuts with Disk for Plastics Mouldings - Round without Shoulder - Type F

DIN 16903(H) - 1974

Closed Insert Nuts with Disk for Plastics Mouldings - round with Shoulder - Type H

DIN 16903(G) - 1974

Closed Insert Nuts with Disk for Plastics Mouldings - Hex with Shoulder - Type G

DIN 16903(P) - 1974

Closed Insert Nuts for Plastics Mouldings - Hex without Shoulder - Type P

DIN 16903(Q) - 1974

Closed Insert Nuts for Plastics Mouldings - Round without Shoulder - Type Q

DIN 16903(R) - 1974

Closed Insert Nuts for Plastics Mouldings - Hex with Shoulder - Type R

DIN 16903(S) - 1974

Closed Insert Nuts for Plastics Mouldings - Round without Shoulder - Type S

DIN 16903(T) - 1974

Insert Nuts; Heavy Type for Plastics Mouldings and Pressure Die Castings with Dead Hole - Type T

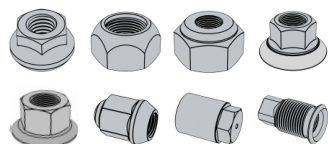
DIN 16903(U) - 1974

Insert Nuts; Heavy Type for Plastics Mouldings and Pressure Die Castings with Dead Hole - Type U

GB 809 - 1988 Insert Round Nuts

Check www.globalfastener.com for more data.

Wheel Nuts



DIN 2510-6 - 2013

Bolted Connections with Waisted Shank - Cap Nuts

DIN 74361-2(A) - 1982

Fastening Devices for Bolt Centering - form A - Hexagon Spherical Nuts with Flange

DIN 74361-2(B) - 1982

Fastening Devices for Bolt Centering - form B - Hexagon Nut with Flange

DIN 74361-2(F) - 2008

Fastening Devices for Bolt Centering - form F - Conical Nut

JIS D 2701 - 1993

Wheel Nuts with Spherical Flange Automobiles

JIS D 2701 - 1993

Wheel Hub Nuts for Automobiles-Hexagon Lock Nuts

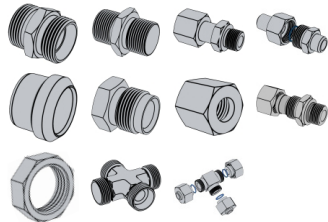
JIS D 2701 - 1993 Wheel Nuts for Automobiles-Inner Nuts

JIS D 2701 - 1993

Wheel Nut for Automobiles - Outer Nut and Single Wheel Nut

Check www.globalfastener.com for more data.

Coupling Nuts



DIN 3870 - 2001

Non-Soldering and Soldering Compression Fittings - Union Nuts Series L1 (Pipe Nuts)

DIN 431 - 2013

Pipe Nuts with Thread in Accordance with DIN ISO 228 Part 1

DIN 74305-2 - 1994

Non-welded Tube Connection Hex Nut

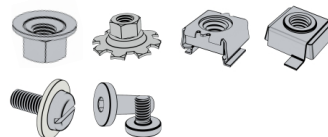
DIN 80705 - 1990

Thin Nuts with Coarse Pitch and Fine Pitch Thread and with Small Widths Across Flats

GB/T 3759 - 2008 24° Cone Connectors-Nut

Check www.globalfastener.com for more data.

Keps Nuts



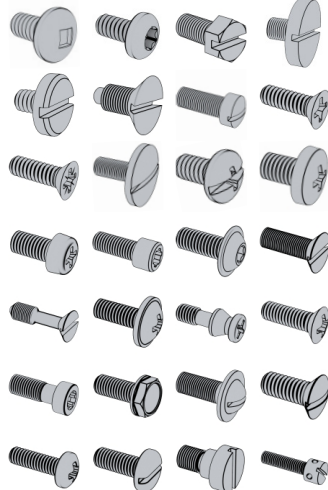
NFE 25-415 - 1986

Hexagon Nuts with Conical Spring Washer - Product Grade A

Check www.globalfastener.com for more data.

Screws

Machine Screws



AS/NZS 1427 - 1996

ISO Metric Indented Hexagon Head Screws [Table 6]

AS/NZS 1427 - 1996

ISO Metric Slotted Raised Countersunk Head Screws [Table 2]

AS/NZS 1427 - 1996

ISO Metric Slotted Countersunk Head Screws [Table 1]

AS/NZS 1427 - 1996

ISO Metric Slotted Pan Head Screws [Table 3]

AS/NZS 1427 - 1996

ISO Metric Slotted Mushroom Head Screws [Table 5]

AS/NZS 1427 - 1996

ISO Metric Slotted Cheese Head Screws [Table 4]

AS/NZS 1427 - 1996

ISO Metric Cross-recess Raised Countersunk Screws [Table 2]

AS/NZS 1427 - 1996

ISO Metric Cross-recess Countersunk Screws [Table 1]

AS/NZS 1427 - 1996

ISO Metric Cross-recess Pan Head Screws

ANSI B 18.11 - 1961 (R2017)

Slotted Fillister Head Miniature Screws [Table 1]

ANSI B 18.11 - 1961 (R2017)

Slotted Pan Head Miniature Screws [Table 2]

ANSI B 18.11 - 1961 (R2017)

Slotted 100° Flat Head Miniature Screws [Table 3]

ANSI B 18.11 - 1961 (R2017)

Slotted Binding Head Miniature Screws [Table 4]

ASME B 18.6.3 - 2013

82° Slotted Flat Countersunk Head Machine Screws [Table 1]

ASME B 18.6.3 - 2013

Dimensions of Slotted 100-deg Flat Countersunk Head Screws [Table 3]

ASME B 18.6.3 - 2013

Dimensions of Slotted Close Tolerance 100-deg Flat Countersunk Head Screws (Machine Screws Only)

ASME B 18.6.3 - 2013

82° Slotted Oval Countersunk Head Machine Screws [Table 7]

ASME B 18.6.3 - 2013

Dimensions of Undercut 82-deg Flat Countersunk Head Machine Screws

ASME B 18.6.3 - 2013

82° Slotted Undercut Oval Countersunk Head Machine Screws [Table 11]

ASME B 18.6.3 - 2013

82° Flat Countersunk Trim head Screws [Table 13]

ASME B 18.6.3 - 2013

Oval 82-deg Countersunk Trim Head Screws [Table 15]

ASME B 18.6.3 - 2013

Head Dimensions for Slotted Pan Head Screws [Table 17]

ASME B 18.6.3 - 2013

Dimensions of Type I Cross Recessed Pan Head Screws

ASME B 18.6.3 - 2013

Combination Slotted-Pan Head Screws

ASME B 18.6.3 - 2013

Slotted Fillist Head Screws [Table 21]

ASME B 18.6.3 - 2013

Slotted Drilled Fillister Head Screws (Machine Screws Only) [Table 23]

ASME B 18.6.3 - 2013

Slotted Truss Head Screws [Table 24]

ASME B 18.6.3 - 2013

Dimensions of Slotted Binding Head Screws (Machine Screws Only)

ASME B 18.6.3 - 2013

Slotted Round Head Screws [Table 35]

ASME B 18.6.3 - 2013

Slotted Round Washer Head Screws [Table 38]

ASME B 18.6.3 - 2013

82° Cross Recessed Countersunk Head Screws [Table 2]

ASME B 18.6.3 - 2013

Square Recessed Pan Head Screws, Type III [Table 19]

ASME B 18.6.3 - 2013

Square Recessed Countersunk Head Screws [Table 2]

IFI 513 - 1982

Metric Slotted Oval Countersunk Head Machine Screws

IFI 513 - 1982

Metric Slotted Flat Countersunk Head Machine Screws

IFI 513 - 1982 Metric Slotted Pan Head Machine Screws

BS 1981 - 1991 Slotted Pan Head Machine Screws

BS 1981 - 1991 Cross Recessed Countersunk Head Machine Screws: Short Length

BS 1981 - 1991 Recessed Raised Countersunk Head Machine Screws

BS 1981 - 1991 Slotted Raised Cheese Head Screws

BS 1981 - 1991 Slotted Cheese Head Screws—Product Grade A

DIN 84 - 1990 Slotted Cheese Head Screws—Product Grade A

DIN 85 - 1988 Slotted Pan Head Screws - Product Grade A

DIN 920 - 2012 Slotted Pan Head Screws with Small Head

DIN 921 - 2014 Slotted Pan Head Screws with Large Head

DIN 923 - 2012 Slotted Pan Head Screws with Shoulder

DIN 963 - 1990 Slotted Countersunk Head Screws

DIN 964 - 1990 Slotted Raised Countersunk Head Screws

DIN 965 - 1990 Cross Recessed Countersunk Head Screws

DIN 966 - 1990 Cross Recessed Raised Countersunk Head Screws

BS 1981 - 1991 Slotted Oval Countersunk Head Screws: Short Length

BS 1981 - 1991 Slotted Raised Countersunk Head Machine Screws

BS 1981 - 1991

Slotted Truncated Countersunk Head Screws: Short Length

BS 1981 - 1991

Recessed Truncated Countersunk Head Screws: Long Length

BS 1981 - 1991 Slotted Countersunk Flat Head Screws

BS 450 - 1958 Slotted 90° Raised-Countersunk Head Screws with B.S.W. & B.S.F. Threads [Table 3]

BS 450 - 1958 Slotted 90° Countersunk Head Screws with B.S.W. & B.S.F. Threads [Table 2]

BS 450 - 1958 Slotted Pan Head Screws with B.S.W. & B.S.F. Threads [Table 5]

BS 450 - 1958 Slotted Mushroom Head Screws with B.S.W. & B.S.F. Threads [Table 8]

BS 450 - 1958 Slotted Cheese Head Screws with B.S.W. & B.S.F. Threads [Table 6]

BS 450 - 1958 Cross Recessed 90° Countersunk Head Screws with B.S.W. & B.S.F. Threads [Table 2]

BS 450 - 1958 Cross Recess Mushroom Head Screws with B.S.W. & B.S.F. Threads [Table 8]

BS 450 - 1958 Cross Recessed Pan Head Screws with B.S.W. & B.S.F. Threads [Table 5]

BS 450 - 1958 Cross Recessed Raised Cheese Head Screws with B.S.W. & B.S.F. Threads [Table 7]

BS 450 - 1958 Slotted Round Head Screws with B.S.W. & B.S.F. Threads [Table 4]

BS 450 - 1958 Recessed 90° Raised-Countersunk Head Screws with B.S.W. & B.S.F. Threads [Table 3]

DIN EN ISO 1207 - 2011 Slotted Cheese Head Screws—Product Grade A

DIN EN ISO 1580 - 2011 Slotted Pan Head Screws - Product Grade A

DIN EN ISO 2009 - 2011 Slotted Countersunk Flat Head Screws(Common Head Style)-Product Grade A

DIN EN ISO 2010 - 1994 Slotted Raised Countersunk Head Screws (Common Head Style) - Product Grade A

DIN EN ISO 7045 - 2011 Pan Head Screws with Type H or Type Z Cross Recess-Product Grade A

DIN EN ISO 7046-1 - 2011 Countersunk Flat Head Screws (Common Head Style) with Type H or Type Z Cross Recess - Product Grade A

DIN EN ISO 7048 - 2011 Cross-Recessed Cheese Head Screws

DIN 34811 - 1999 Plastic Flat Head Screws with Cross Recess

DIN 34812 - 1999 Plastic Pan Head Screws with Cross Recess

DIN 34813 - 1999 Plastic Cross Recessed Cheese Head Screws

DIN 404 - 2017 Slotted Capstan Screws

DIN 7985 - 1990 Cross Recessed Raised Cheese Head Screws

DIN 8245 - 1972 Slotted Countersunk (Flat) Head Screws for Fine Mechanics; M 0.4 to M 1.4

DIN 84 - 1990 Slotted Cheese Head Screws—Product Grade A

DIN 85 - 1988 Slotted Pan Head Screws - Product Grade A

DIN 920 - 2012 Slotted Pan Head Screws with Small Head

DIN 921 - 2014 Slotted Pan Head Screws with Large Head

DIN 923 - 2012 Slotted Pan Head Screws with Shoulder

DIN 963 - 1990 Slotted Countersunk Head Screws

DIN 964 - 1990 Slotted Raised Countersunk Head Screws

DIN 965 - 1990 Cross Recessed Countersunk Head Screws

DIN 966 - 1990 Cross Recessed Raised Countersunk Head Screws

DIN 967 - 2018

Cross Recessed Pan Head Screws with Collar—Product Grade A

GB/T 13806.1(C) - 1992

Cross Recessed Raised Countersunk Head Screws for Fine Mechanics

GB/T 13806.1(B) - 1992

Cross Recessed Countersunk Screws for Fine Mechanics

GB/T 13806.1(A) - 1992

Cheese Head Screws with Cross Recess for Fine Mechanics

GB/T 65 - 2016 Slotted Cheese Head Screws

GB/T 67 - 2016 Slotted Pan Head Screws

GB/T 68 - 2016 Slotted Countersunk Flat Head Screws

GB/T 69 - 2016 Slotted Raised Countersunk Head Screws

GB/T 818 - 2016 Pan Head Screws with Cross Recess

GB/T 819.1 - 2016

Countersunk Flat Head Screws with Cross Recess—Part 1: Property Class 4.8

GB/T 819.2 - 2016

Countersunk Flat Head Screws with Cross Recess—Part 2: Property Class 8.8, Stainless Steel Screws and Non-ferrous Metal Screws

GB/T 822 - 2016

Cheese Head Screws with Cross Recess

GB/T 823 - 2016

Small Pan Head Screws with Cross Recess

GB 824 - 1976 Splined Socket Head Cap Screws

GB 830 - 1988 Slotted Cheese Head Screws with Shoulder

GB/T 833 - 1988 Slotted Large Cheese Head Screws

GB 837 - 1988

Slotted Pan Head Screws with Waisted Shank

GB 945 - 1976 Cross Recessed Fillister Head Screws

GB 947 - 1988

Slotted Large Raised Cheese Head Screws

GB 948 - 1988

Slotted Countersunk Head Screws with Waisted Shank

GB 949 - 1988

Slotted Raised Countersunk Head Screws with Waisted Shank

GB 973 - 1976 Cross Recessed Mushroom Screws

ISO 1207 - 2011

Slotted Cheese Head Screws - Product Grade A

ISO 1580 - 2011

Slotted Pan Head Screws-Product Grade A

ISO 2009 - 2011

Slotted Countersunk Flat Head Screws (Common Head Style) - Product Grade A

ISO 2010 - 2011

Slotted Raised Countersunk Head Screws - Product Grade A

ISO 7045 - 2011

Pan Head Screws with Type H Or Type Z Cross Recess-Product Grade A

ISO 7046(-1) - 2011

Countersunk Flat Head Screws (Common Head Style) with Type H or Type Z Cross Recess- Product Grade A-Steel Screws of Property Class 4.8

ISO 7046(-2) - 2011

Countersunk Flat Head Screws (Common Head Style) With Type H or Type Z Cross Recess-Product Grade A-Property Class 8.8

ISO 7047 - 2011

Raised Countersunk Head Screws (Common Head Style) With Type H or Type Z Cross Recess-Product Grade A

ISO 7048 - 2011 Cross Recessed Cheese Head Screws

JIS B 1101 - 2017 Slotted Cheese Head Screws - Table 3

JIS B 1101 - 2017 Slotted Pan Head Screws - Table 6

JIS B 1101 - 2017

Slotted Countersunk Head Screws - Table 8

JIS B 1101 - 2017

Slotted Raised Countersunk Head Screws - Table 10

JIS B 1101 - 2017 Slotted Pan Head Screws - Table JA.3

JIS B 1101 - 2017

Slotted Countersunk Head Screws - Table JA.4

JIS B 1101 - 2017

Slotted Raised Countersunk Head Screws - Table JA.5

JIS B 1101 - 2017 Slotted Truss Head Screws - Table JA.6

JIS B 1101 - 2017

Slotted Round Head Screws - Table JA.8

JIS B 1101 - 2017

Slotted Fillister Head Screws - Table JA.10

JIS B 1111(T3) - 2017 Cross Recessed Pan Head Screws

JIS B 1111(T6) - 2017

Cross Recessed Countersunk Head Screws - Class 4.8

JIS B 1111(T9) - 2017

Cross Recessed Countersunk Head Screws - Class 8.8

JIS B 1111(T12) - 2017

Cross Recessed Raised Countersunk Head Screws

JIS B 1111(JA3) - 2017

Cross Recessed Pan Head Screws

JIS B 1111(JA6) - 2017

Cross Recessed Mushroom Head Screws

JIS B 1111(JA7) - 2017

Cross Recessed Raised Cheese Head Screws

JIS B 1111(JA8) - 2017

Cross Recessed Round Head Screws

JIS B 1116 - 2009

Slotted Countersunk Head Screws for Fine Mechanics

JIS B 1116 - 2009

Slotted Cheese Head Screws for Fine Mechanics

JIS B 1116 - 2009

Slotted Raised Countersunk Head Screws for Fine Mechanics

JIS B 1119 - 1986

Slotted Cheese Head Screws for Spectacle Frames

JIS B 1119 - 1986

Machine Screws for Spectacle Frames-Slotted Cheese Head Screws

JIS B 1119 - 1986

Slotted Pan Head Machine Screws for Spectacle Frames

JIS B 1119 - 1986

Slotted Mushroom Head Screws for Spectacle Frames

JIS B 1179 - 1994 Slotted Flat Head Bolts, Fine Finished

JIS B 1179 - 1994 Slotted Flat Head Bolts, Rough Finished

KS B 1021 - 1998 Slotted Cheese Head Screws

KS B 1023 - 2001

Cross Recessed Countersunk Head Screws - Class 4.8

KS B 1023 - 2001

Non-ferrous Metal Cross Recessed Countersunk Head Screws - Class 8.8

KS B 1023 - 2001

Cross Recessed Raised Countersunk Head Screws

KS B 1023 - 2001 Cross Recessed Pan Head Screws

NF E 25-119-1 - 1994

Countersunk Flat Head Screws, with Type H or Type Z

Cross Recessed - Product Grade A, Class 4.8

NF E 25-119-2 - 1994

Cross Recessed Countersunk Head Screws - Grade A, Class 8.8

NF E 25-120 - 1994

Cross Recessed Raised Countersunk Head Screws, with Type H or Type Z Cross Recessed - Product Grade A

NF E 25-121 - 1994

Pan Head Screws with Type H or Type Z Cross Recess - Product A

NF E 25-122 - 1984

PZ Drives Round Head Screws with Collar

NF E 25-123 - 1994

Slotted Countersunk Flat Head Screws - Product Grade A

NF E 25-124 - 1994

Slotted Raised Countersunk Head Screws - Product Grade A

NF E 25-127 - 1994

Slotted Cheese Head Screws - Product Grade A

NF E 25-128 - 1994

Slotted Pan Head Screws - Product Grade A

NF E 25-129 - 1985

Cross Recessed Mushroom Head Screws

NF E 25-139 - 2002

Screws - Z Cross Recessed and Slotted Pan Head - Grade A - Symbol CBL ZS

NF E 25-149 - 1998 (R2004)

Cross Recessed Cheese Head Screws

UNI 6107 - 1967

Slotted Cheese Head Screws-ISO Metric Coarse Thread - Product Grade A

UNI 7687

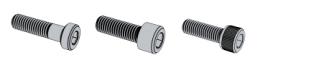
Recessed Raised Cheese (Fillister) Head Screws - ISO Metric Coarse Thread - Product Grade A

UNI 7688 - 1977

Cross Recessed Countersunk Head Screws

Check www.globalfastener.com for more data.

Hex Socket Screws



AS 1420 - 2008

ISO Metric Hexagon Socket Head Cap Screws

ASME B 18.3 - 2012

Low Head Hexagon Socket Cap Screws

ASME B 18.3 - 2012

Hexagon Socket Head Cap Screws [Table 1]

ASME B 18.3 - 2012

Hexagon Socket Flat Countersunk Head Cap Screws [Table 8]

ASME B 18.3 - 2012

Hexagon Socket Button Head Cap Screws [Table 11]

ASME B 18.3 - 2012

Hexagon Socket Head Shoulder Screws

ANSI/ASME B 18.3.1M - 1986 (R2008)

Dimensions of Metric Socket Head Cap Screws

ANSI/ASME B 18.3.3M - 1993

Hexagon Socket Head Shoulder Screws (Metric Series)

ANSI/ASME B 18.3.4M - 1986 (R2008)

Hexagon Socket Button Head Cap Screws (Metric Series)

ANSI/ASME B 18.3.5M - 1986 (R2008)

Metric Hexagon Socket Countersunk Head Cap Screws

BS 2470 - 1973

Hexagon Socket Cheese Head Screws - Unified Thread

BS 2470 - 1973

Hexagon Socket Cheese Head Cap Screws - BSW and BSF Thread

BS 2470 - 1973

Hexagon Socket Round Head Screws - Unified Thread

BS 2470 - 1973

Hexagon Socket Countersunk Head Screws - Unified Thread

BS 2470 - 1973

Hexagon Socket Cheese Head Shoulder Screws - Unite and BSW/BSF Thread

BS 4168-1 - 1981

Metric Hexagon Socket Cheese Head Screws

BS 4168-7 - 1982

Metric Socket Hexagon Cheese Head Screws with Shoulder

BS 4168-8 - 1982

Metric Hexagon Socket Countersunk Head Screws

DIN EN ISO 10642 - 2020

Hexagon Socket Countersunk Head Screws

DIN EN ISO 12474 - 2011

Hexagon Socket Head Cap Screws with Metric Fine Pitch Thread

DIN EN ISO 4762 - 2004

Hexagon Socket Head Cap Screws

DIN EN ISO 7380(-1) - 2011

Hexagon Socket Button Head Screws

DIN EN ISO 7380(-2) - 2011

Hexagon Socket Button Head Screws with Collar

DIN 251

Hexagon Socket Head with Serrated Flange Screws

DIN 6912 - 2021

Hexagon Socket Head Cap Screws with Reduced Loadability - Low Head, with Centre

DIN 7984 - 2022

Hexagon Socket Head Cap Screws with Low Head with Reduced Loadability

DIN 7991 - 1986

Hexagon Socket Countersunk Head Cap Screws

DIN 912 - 1983 Hexagon Socket Head Cap Screws

GB 5281 - 1985

Hexagon Socket Head Shoulder Screws

GB /T 70.1 - 2008 Hexagon Socket Head Cap Screws

GB /T 70.2 - 2015 Hexagon Socket Button Head Screws

GB /T 70.3 - 2008

Hexagon Socket Countersunk Head Screws

GB /T 70.4 - 2015

Hexagon Socket Button Head Screws with Collar

ISO 10642 - 2019

Hexagon Socket Countersunk Head Screws with Reduced Loadability

ISO 12474 - 2010

Hexagon Socket Head Cap Screws with Metric Fine Pitch Thread

ISO 21269 - 2004

Hexagon Socket Head Cap Screws with Metric Fine Pitch Thread

ISO 4762 - 2004 Hexagon Socket Head Cap Screws

ISO 7379 - 1983 Hexagon Socket Head Shoulder Screws

ISO 7380-1 - 2011 Hexagon Socket Button Head Screws

ISO 7380-2 - 2011

Hexagon Socket Button Head Screws with Collar

JIS B 1174 - 2017 Hexagon Socket Button Head Screws

JIS B 1175 - 1988 Hexagon Socket Head Shoulder Screws

JIS B 1176 - 2014 Hexagon Socket Head Cap Screws

JIS B 1194 - 2006

Hexagon Socket Countersunk Head Screws

KS B 1003 - 2000 Hexagon Socket Head Cap Screws

NF E 25-125 - 2004 Hexagon Socket Head Cap Screws

NF E 25-126 - 2004 Hexagon Socket Button Head Screws

NF E 25-146 - 2004

Hexagon Socket Countersunk Head Screws

UNI 5931 - 1984 Hexagon Socket Cheese Head Screws

UNI 5933 - 1988

Hexagon Socket Countersunk Head Screws - ISO Metric Coarse Pitch Thread - Product Grade A

UNI 9327 - 19

DIN EN ISO 4028 - 2004

Hexagon Socket Set Screws with Dog Point

DIN EN ISO 4029 - 2004

Hexagon Socket Set Screws with Cup Point

DIN 34827 - 2016 Hexalobular Socket Set Screws

DIN 427 - 1986

Slotted Headless Screws with Chamfered End

DIN 479 - 2016 Square Head Bolts with Short Dog Point

DIN 480 - 2016

Square Head Bolts with Collar And Short Dog Point with Rounded End

DIN 551 - 1986 Slotted Set Screws with Flat Point

DIN 553 - 1986 Slotted Set Screws with Cone Point

DIN 561 - 1995

Hexagon Head Set Screws with Small Hexagon and Full Dog Point

DIN 564 - 1995

Hexagon Set Screws with Small Hexagon, Half Dog Point and Flat Cone Point

DIN 6332 - 2003 Grub Screws with Thrust Point

DIN 913 - 1980

Hexagon Socket Set Screws with Flat Point

DIN 914 - 1980

Hexagon Socket Set Screws with Cone Point

DIN 915 - 1980

Hexagon Socket Set Screws with Dog Point

DIN 916 - 1980

Hexagon Socket Set Screws with Cup Point

DIN 916(K)

Hexagon Socket Knurl Set Screws with Cup Point

DIN 922 - 2012

Slotted Pan Head Screws with Small Head and Full Dog Point

DIN 924 - 2012

Slotted Raised Countersunk Head Screws with Dog Point

DIN 925 - 2012

Slotted Countersunk Head Screws with Dog Point (Flat Head)

DIN 926 - 2003 Slotted Set Screws with Dog Point

DIN 927 - 2012 Slotted Shoulder Screws

EN 24766 - 1992 Slotted Set Screws with Flat Point

EN 27434 - 1992 Slotted Set Screws with Cone Point

EN 27435 - 1992

Slotted Set Screws with Long Dog Point

EN 27436 - 1992 Slotted Set Screws with Cup Point

GB/T 2163 - 1991

The Parts and Units of Jigs and Fixtures.Movable Handle Holddown Screw

GB/T 71 - 2018 Slotted Set Screws with Cone Point

GB/T 73 - 2017 Slotted Set Screws with Flat Point

GB/T 74 - 2018 Slotted Set Screws with Cup Point

GB/T 75 - 2018

Slotted Set Screws with Long Dog Point

GB/T 77 - 2007

Hexagon Socket Set Screws with Flat Point

GB/T 78 - 2007

Hexagon Socket Set Screws with Cone Point

GB/T 79 - 2007

Hexagon Socket Set Screws with Dog Point

GB/T 80 - 2007

Hexagon Socket Set Screws with Cup Point

GB/T 83 - 2018

Square Set Screws with Long Dog Point and Rounded End

GB 831 - 1988 Slotted shoulder screws

GB/T 84 - 2018 Square Set Screws with Cup Point

GB/T 85 - 2018

Square Set Screws with Long Dog Point

GB/T 86 - 2018

Square Set Screws with Short Dog Point and Cone End

GB/T 878 - 2007 Slotted Headless Screws with Shank

ISO 2342 - 2003 Slotted Headless Screws with Shank

ISO 4026 - 2003

Hexagon Socket Set Screws with Flat Point

ISO 4027 - 2003

Hexagon Socket Set Screws with Cone Point

ISO 4028 - 2003

Hexagon Socket Set Screws with Dog Point

ISO 4029 - 2003

Hexagon Socket Set Screws with Cup Point

ISO 4766 - 2011 Slotted Set Screws with Flat Point

ISO 7434 - 1983 Slotted Set Screws with Cone Point

ISO 7435 - 1983 Slotted Set Screws with Long Dog Point

ISO 7436 - 1983 Slotted Set Screws with Cup Point

JIS B 1117 - 2010 Slotted Set Screws with Cup Point

JIS B 1117 - 2010 Slotted Set Screws with Flat Point

JIS B 1117 - 2010 Slotted Set Screws with Dog Point

JIS B 1117 - 2010

Slotted Set Screws with Truncated Cone Point

JIS B 1118 - 2010

Square Head Set Screws with Cup Point

JIS B 1118 - 2010

Square Head Set Screws with Long Dog Point

JIS B 1118 - 2010

Square Head Set Screws with Cone Point

JIS B 1118 - 2010

Square Head Set Screws with Flat Point

JIS B 1118 - 2010

Square Head Set Screws with Round End

JIS B 1177 - 2007

Hexagon Socket Set Screws with Cup Point

JIS B 1177 - 2007

Hexagon Socket Set Screws with Dog Point

JIS B 1177 - 2007

Hexagon Socket Set Screws with Flat Point

JIS B 1177 - 2007

Hexagon Socket Set Screws with Cone Point

NF E 25-160 - 1992 (R2002)

Slotted Set Screws with Flat Point

NF E 25-161 - 1992 (R2002)

Slotted Set Screws with Cone Point

NF E 25-162 - 1992 (R2002)

Slotted Set Screws with Long Dog Point

NF E 25-163 - 1992 (R2002)

Slotted Set Screws with Cup Point

NF E 25-171 - 2004

Hexagon Socket Set Screws with Flat Point

NF E 25-172 - 2004

Hexagon Socket Set Screws with Cone Point

NF E 25-173 - 2004

Hexagon Socket Set Screws with Dog Point

NF E 25-174 - 2004

Hexagon Socket Set Screws with Cup Point

NF E 25-175 - 2004

Slotted Headless Screws with Shank

UNI 5923 - 1985

Hexagon Socket Set Screws with Flat Point-ISO Metric Coarse and Fine Thread - Product Grade A

UNI 5925

Hexagon Socket Head Set Screws with Dog Point

UNI 5927

Hexagon Socket Set Screws with Cone Point

Check www.globalfastener.com for more data.

Tapping Screws



AS/NZS 4403 - 1996

ISO Metric Slotted Pan Head Tapping Screws

AS/NZS 4404 - 1996

ISO Metric Slotted Countersunk Head Tapping Screws

AS/NZS 4405 - 1996

ISO Metric Slotted Raised Countersunk Head Tapping Screws

AS/NZS 4406 - 1996

ISO Metric Cross Recessed Pan Head Tapping Screws

AS/NZS 4407 - 1996

ISO Metric Cross Recessed Countersunk Head Tapping Screws

AS/NZS 4408 - 1996

ISO Metric Cross Recessed Raised Countersunk Head Tapping Screws

ASME B 18.6.3 - 2013

Dimensions of Round Head Type U Metallic Drive Screws

ASME B 18.6.3 - 2013

82° Slotted Flat Countersunk Head Tapping Screws [Table 1]

ASME B 18.6.3 - 2013

82° Dimensions of Slotted Oval Countersunk Head

ASME B 18.6.3 - 2013

82° Slotted Undercut 82-deg Flat Countersunk Head Tapping Screws [Table 9]

ASME B 18.6.5M - 2000 (R2010)

Metric Type I Cross-Recessed Oval Countersunk Head Tapping Screws [Table 13]

ASME B 18.6.5M - 2000 (R2010)

Metric Cross Recessed Countersunk Head Tapping Screws [Table 9]

ASME B 18.6.5M - 2000 (R2010)

Metric Cross Recessed Pan Head Tapping Screws [Table 17]

ASME B 18.6.5M - 2000 (R2010)

Metric Type III Square-recessed Oval Countersunk Head Tapping Screws

ASME B 18.6.5M - 2000 (R2010)

Metric Type IA Cross-Recessed Pan Head Tapping Screws [Table 18]

ASME B 18.6.5M - 2000 (R2010)

Metric Type II Square-Recessed Flat Countersunk Head Tapping Screws [Table 10]

ASME B 18.6.5M - 2000 (R2010)

Metric Type IA Cross-Recessed Oval Countersunk Head Tapping Screws [Table 14]

ASME B 18.6.5M - 2000 (R2010)

Metric Type II Square-Recessed Pan Head Tapping Screws [Table 19]

ASME B 18.6.5M - 2000 (R2010)

Metric Type III Square-Recessed Flat Countersunk Head Tapping Screws [Table 11]

IFI 502 - 1982 Metric Slotted Pan Head Tapping Screws

IFI 502 - 1982

Metric Slotted Oval Countersunk Head Tapping Screws

IFI 502 - 1982

Metric Slotted Countersunk Head Tapping Screws

BS 4174 - 1972

Cross Recessed Flange Head Self-Tapping Screws [Table 19]

BS 4174 - 1972

Slotted Mushroom Head Self-Tapping Screws [Table 18]

BS 4174 - 1972

Slotted Pan Head Self-Tapping Screws [Table 16]

BS 4174 - 1972

80° Slotted Raised Countersunk Head Tapping Screws [Table 12]

BS 4174 - 1972

Slotted 80° Countersunk Head Self-Tapping Screws [Table 8]

DIN EN ISO 14585 - 2002

Hexagon Socket Pan Head Tapping Screws

DIN EN ISO 14586 - 2002

Hexalobular Socket Countersunk Head Tapping Screws

DIN EN ISO 14587 - 2011

Hexalobular Socket Raised (Oval) Head Tapping Screws

DIN EN ISO 1481 - 2011

Slotted Pan Head Tapping Screws

DIN EN ISO 1482 - 2011

Slotted Countersunkhead Tapping Screws

DIN EN ISO 1483 - 2011

Slotted Raised Countersunk (Oval) Head Tapping Screws

DIN EN ISO 7049 - 2011

Cross-recessed Pan Head Tapping Screws

DIN EN ISO 7050 - 2011

Cross Recessed Countersunk (Flat) Head Tapping Screws

DIN EN ISO 7051 - 2011

Cross-Recessed Raised Countersunk(Oval) Head Tapping Screws

DIN 34819 - 2008

Hexalobular Socket Raised Head Tapping Screws with Collar

DIN 7971 - 1990 Slotted Pan Head Tapping Screws

DIN 7972 - 1990

Slotted Countersunkhead Tapping Screws

DIN 7973 - 1990

Slotted Raised Countersunk Head Tapping Screws

DIN 7981 - 1990

Cross Recessed Pan Head Tapping Screws

DIN 7982 - 1990

Cross Recessed Countersunk Head Tapping Screws

DIN 7983 - 1990 Cross Recessed Raised Countersunk Head Tapping Screws

DIN 968 - 2008

Cross Recessed Pan Head Tapping Screws with Collar

GB/T 2670.1 - 2017

Hexalobular Socket Pan Head Tapping Screws

GB/T 2670.2 - 2017

Hexalobular Socket Countersunk Head Tapping Screws

GB/T 2670.3 - 2017

Hexalobular Socket Raised Countersunk(Oval) Head Tapping Screws

GB/T 5282 - 2017

Slotted Pan Head Tapping Screws

GB/T 5283 - 2017

Slotted Countersunk (Flat) Head Tapping Screws

GB/T 5284 - 2017

Slotted Raised Countersunk(Oval) Head Tapping Screws

GB/T 845 - 2017

Cross Recessed Pan Head Tapping Screws

GB/T 846 - 2017

Cross Recessed Countersunk Head Tapping Screws

GB/T 847 - 2017

Cross Recessed Raised Countersunk (Oval) Head Tapping Screws

ISO 14585 - 2011

Hexalobular Socket Pan Head Tapping Screws

ISO 14586 - 2011

Hexalobular Socket Countersunk Head Tapping Screws

ISO 14587 - 2011

Hexalobular Socket Raised Countersunk (Oval) Head Tapping Screws

ISO 1481 - 2011 Slotted Pan Head Tapping Screws

ISO 1482 - 2011

Slotted Countersunk (Flat) Head Tapping Screws

ISO 1483 - 2011

Slotted Raised Countersunk (Oval) Head Tapping Screws

ISO 7049 - 2011

Cross Recessed Pan Head Tapping Screws

ISO 7050 - 2011

Cross Recessed Countersunk (Flat) Head Tapping Screws

ISO 7051 - 2011

Cross Recessed Raised Countersunk Head Tapping Screws

JIS B 1115(O) - 2006

Slotted Raised Countersunk Head Tapping Screws

JIS B 1115(F) - 2006

Slotted Countersunk Head Tapping Screws

AS/NZS 4402 - 1996

ISO Metric Hexagon Head Tapping Screws

AS/NZS 4409 - 1996

ISO Metric Hexagon Head Tapping Screws with Washers

AS/NZS 4410 - 1996

ISO Metric Hexagon Flange Head Tapping Screws

IFI 502 - 1982 Metric Hex Flange Head Tapping Screws

IFI 502 - 1982 Metric Hex Head Tapping Screws

BS 4174 - 1972

Hexagon Head Self-Tapping Screws [Table 21]

BS 7599 - 1992

Metric Hexagon Washer Head Tapping Screws

BS 7600 - 1992

Metric Hexagon Flange Head Tapping Screws

DIN EN ISO 1479 - 2011

Hexagon Head Tapping Screws

DIN EN ISO 7053 - 2019

Hexagon Washer Head Tapping Screws

DIN 6928 - 2008 Hexagon Washer Head Tapping Screws

DIN 7976 - 1990 Hexagon Head Tapping Screws

GB/T 16824.1 - 2016

Hexagon Washer Head Tapping Screws

GB/T 16824.2 - 2016

Hexagon Flange Head Tapping Screws

GB/T 5285 - 2017 Hexagon Head Tapping Screws

GB 9456 - 1988

Cross Recessed Hexagon Head Tapping Screws with Indentation

ISO 10509 - 2012 Hexagon Flange Head Tapping Screws

ISO 1479 - 2011 Hexagon Head Tapping Screws

ISO 7053 - 2019 Hexagon Washer Head Tapping Screws

JIS B 1123 - 1996

Hexagon Head Tapping Screws with Collar

JIS B 1123 - 1996 Hexagon Head Tapping Screws

JIS B 1123 - 1996

Cross Recessed Hexagon Head Tapping Screws

JIS B 1126 - 1995

Hexagon Head Self-Tapping Screws with Collar

JIS B 1127 - 1995

Hexagon Head Self-Tapping Screws with Flange

KS B 1064 - 1997 Hexagon Flange Head Tapping Screws

NF E 25-662 - 1994 Hexagon Head Tapping Screws

NF E 25-664 - 1986

Hexagon Slotted Head Tapping Screws HS

Check www.globalfastener.com for more data.

Drilling Thread Cutting Screws



DIN EN ISO 15480 - 2019

Hexagon Washer Head Drilling Screws with Tapping Screw Thread

DIN EN ISO 15481 - 2000

Cross Recessed Pan Head Drilling Screws with Tapping Screw Thread

DIN EN ISO 15482 - 2000

Cross Recessed Countersunk Head Drilling Screws with Tapping Screw Thread

DIN EN ISO 15483 - 2000

Cross Recessed Raised Countersunk Head Drilling Screws with Tapping Screw Thread

DIN 7504(P) - 1982

Cross Recessed Countersunk Head Drilling Screws with Tapping Screw Thread

DIN 7504(Q) - 1982

Cross Recessed Raised Countersunk Self-drilling Tapping Screws

DIN 7504(L) - 1995

Slotted Hex Head Self-drilling Tapping Screws with Collar

DIN 7504(R) - 1995

Cross Recessed Raised Countersunk Self-drilling Tapping Screws

DIN 7504(K) - 1995

Hexagon Head Drilling Screws with Tapping Screw Thread with Collar

DIN 7504(N) - 1982

Cross Recessed Pan Head Drilling Screws with Tapping Screw Thread

DIN 7504(M) - 1995

Cross Recessed Pan Head Drilling Screws with Tapping Screw Thread

DIN 7504(O) - 1995

Cross Recessed Countersunk Head Drilling Screws with Tapping Screw Thread

DIN 7513(A) - 2016

Hexagon Head Thread Cutting Screws

DIN 7513(BE) - 2016

Slotted Cheese Head Thread Cutting Screws

DIN 7513(FE) - 2016

Slotted Countersunk Head Thread Cutting Screws

DIN 7513(GE) - 2016

Slotted Oval Head Thread Cutting Screws

DIN 7516(EE) - 2016

Cross Recessed Oval Head Thread Cutting Screws - Form EE

DIN 7516(DE) - 2016

Cross Recessed Countersunk Head Thread Cutting Screws - Form DE

DIN 7516(AE) - 2016

Cross Recessed Pan Head Thread Cutting Screws - Form AE

GB/T 13806.2(C) - 1992

Cross Recessed Raised Countersunk Head Cutting Tapping Screws, Scrape Point

GB/T 13806.2(B) - 1992

Cross Recessed Pan Head Cutting Tapping Screws, Scrape Point

GB/T 13806.2(A) - 1992

Cross Recessed Pan Head Cutting Tapping Screws, Scrape Point

GB/T 15856.1 - 2002

Cross Recessed Pan Head Drilling Screws with Tapping Screw Thread

GB/T 15856.2 - 2002

Cross Recessed Countersunk Head Self-Drilling Screws with Tapping Screw Thread

GB/T 15856.3 - 2002

Cross Recessed Raised Countersunk Head Self-Drilling Screws with Tapping Screw Thread

GB/T 15856.4 - 2002

Hexagon Flange Head Drilling Screw with Tapping Screw Thread

GB/T 15856.5 - 2002

Hexagon Washer Head drilling Screws with Tapping Screw Thread

ISO 15480 - 2019

Hexagon Washer Head Drilling Screws with Tapping Screw Thread

ISO 15481 - 1999

Cross Recessed Pan Head Drilling Screws with Tapping Screw Thread

ISO 15482 - 1999

Cross Recessed Countersunk Head Drilling Screws with Tapping Screws Thread

ISO 15483 - 1999

Cross Recessed Raised Countersunk Head Self-drilling and Tapping Screws

JIS B 1124 - 2003

Cross Recessed Pan Head Drilling Screws

JIS B 1124 - 2003

Cross Recessed Countersunk Head Self-Drilling Tapping Screws

JIS B 1124 - 2003

Cross Recessed Raised Countersunk Head Drilling Screws

JIS B 1124 - 2003

Hexagon Washer Head Drilling Screws

NF E 25-856 - 1999

Hexagon Washer Head Drilling Screws with Tapping Screw Thread

NF E 25-857 - 1999

Cross Recessed Pan Head Drilling Screws with Tapping Screw Thread

NF E 25-858 - 1999

Cross Recessed Countersunk Head Drilling Screws with Tapping Screws Thread

NF E 25-859 - 1999

Cross Recessed Raised Countersunk Head Drilling Screws with Tapping Screws Thread

UNI 8117

Hexagon Head Self-Drilling Tapping Screws with Collar

Check www.globalfastener.com for more data.

Drywall Chipboard Screws



DIN 18182-2(TNA) - 2019

Trumpet Head Double or Single Threaded Drywall Screws

DIN 18182-2(FN) - 2019

Wafer Head Single Threaded Drywall Screws

DIN 7505(A) - 1986

Particle Board Screws with Cross Recess Type Z,

Countersunk Head - Form A

DIN 7505(B) - 1986

Particle Board Screws with Cross Recess Type Z, Pan Head - Form B

DIN 7505 - 1986

Particle Board Screws with Cross Recess Type Z, Raised Countersunk Head

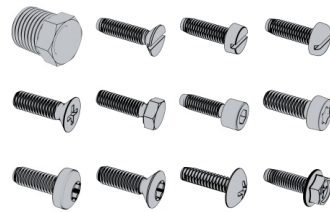
GB/T 14210 - 1993 Dry Wall Screws

UNI 7910

Cross Recessed Countersunk Head Tapping Screws with Rapid Teeth

Check www.globalfastener.com for more data.

Locking Screws



ASME B 18.6.4 - 1998

Cross Recessed Big Flat Head Self-Tapping Screws

DIN 7500(AE) - 2000

Slotted Cheese Head Thread Rolling Screws - form AE

DIN 7500(NE) - 2009

Cross Recessed Raised Countersunk Head Thread Rolling Screws - form NE

DIN 7500(ME) - 2000

Cross Recessed Countersunk Head Thread Rolling Screws

DIN 7500(LE) - 2000

Slotted Rasied Countersunk Thread Rolling Screws - form LE

DIN 7500(KE) - 2000

Slotted Countersunk Flat Head Rolling Screws - form KE

DIN 7500(BE) - 2000

Slotted Pan Head Thread Rolling Screws - form BE

DIN 7500(QE) - 2009

Hexalobular Socket Raised Countersunk Head Thread Rolling Screws

DIN 7500(PE) - 2009

Hexalobular Socket Pan Head Thread Rolling Screws

DIN 7500(OE) - 2009

Hexalobular Socket Cheese Head Thread Rolling Screws

DIN 7500(EE) - 2007

Hexagon Cheese Head Thread Rolling Screws

DIN 7500(DE) - 2007

Hexagon Head Thread Rolling Screws, Grade A and B

DIN 7500(CE) - 2007

Cross Recessed Pan Head Thread Rolling Screws

GB/T 6560 - 2014

Cross Recessed Pan Head Thread Rolling Screws

GB/T 6561 - 2014

Cross Recessed Countersunk Head Thread Rolling Screws

GB/T 6562 - 2014

Cross Recessed Raised Countersunk Head Thread Forming Screws

GB/T 6563 - 2014 Hexagon Head Thread Rolling Screws

GB/T 6564.1 - 2014

Hexalobular Socket Head Cap Thread Rolling Screws

UNI 8110 - 1993 Hexagon Head Thread Forming Screws

UNI 8112 Cross Recessed Round Head Forming Screws

UNI 8113

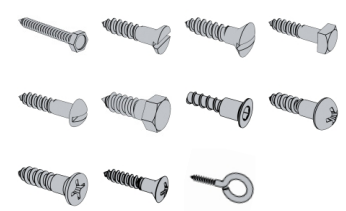
Cross Recessed Countersunk Head Forming Screws

UNI 8114

Cross Recessed Raised Countersunk Head Forming Screws

Check www.globalfastener.com for more data.

Wood Screws



AS/NZS 1393 - 1996

Coach Screws - Metric Series with ISO Hexagon Heads

ASME B 18.2.1 - 2012 Hex Lag Screws [Table 15]

ASME B 18.2.1 - 2012 Square Lag Screws [Table 14]

ANSI/ASME B 18.2.3.8M - 1991

Metric Hexagon Lag Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Slotted Pan Head Wood Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Type II Slotted Pan Head Wood Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Type IA Slotted Pan Head Wood Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Type I Slotted Pan Head Wood Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Type II Slotted Oval Countersunk Head Wood Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Type IA Slotted Oval Countersunk Head Wood Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Type I Slotted Oval Countersunk Head Wood Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Slotted Oval Countersunk Head Wood Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Type II Cross Recessed Flat Countersunk Head Wood Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Type I Cross Recessed Flat Countersunk Head Wood Screws

ANSI/ASME B 18.6.1 - 1981 (R2016)

Slotted Flat Countersunk Head Wood Screws

BS 1210 - 1963 Slotted Countersunk Head Wood Screws

BS 1210 - 1963 Slotted Round Head Wood Screws

BS 1210 - 1963

Slotted Raised Countersunk Head Wood Screws

BS 1210 - 1963

Recessed Countersunk Head Wood Screws

BS 1210 - 1963 Recessed Round Head Wood Screws

DIN 571 - 2016 Hexagon Head Wood Screws

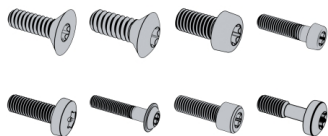
DIN 7995 - 2016

Cross Recessed Raised Countersunk Head Wood Screws

NF E 25-608 - 1985 Square Head Wood Screws
NF E 25-609 - 1985 Eyes Wood Screws
NF E 25-610 - 1985 Woodscrews-Screw-Hooks
NF E 25-611 - 1985
Woodscrews-Square Bend Screw Hooks
UNI 704 Hexagon Head Wood Screws

Check www.globalfastener.com for more data.

Hexalobular Socket Machine Screws



DIN EN ISO 14579 - 2011
Hexalobular Socket Head Cap Screws
DIN EN ISO 14580 - 2002
Hexalobular Socket Cheese Head Screws
DIN EN ISO 14583 - 2011
Hexalobular Socket Pan Head Screws
DIN EN ISO 14584 - 2011
Hexalobular Socket Raised Countersunk Head Screws
DIN 34802 - 2001
Hexalobular Socket Head Cap Screw with Large Driving Feature
DIN 34805-1 - 2018
Button Head Screws - Driving Feature Hexalobular Socket
GB/T 2671.1 - 2017
Hexalobular Socket Cheese (Short) Head Screws
GB/T 2671.2 - 2017
Hexalobular Socket Head Cap Screws
GB/T 2672 - 2017 Hexalobular Socket Pan Head Screws
GB/T 2673.1 - 2018
Hexalobular Socket Countersunk Flat Head Screws
GB/T 2673.2 - 2020
Hexalobular Socket High Countersunk Head Screws
GB/T 2674 - 2017
Hexalobular Socket Raised Countersunk Head Screws
GB 6190 - 1986
Hexagon Lobular Socket Head Cap Screws-Property Class 4.8
GB 6191 - 1986
Hexagon Lobular Socket Head Cap Screws-Property Class 8.8
ISO 14579 - 2011 Hexalobular Socket Head Cap Screws
ISO 14580 - 2011
Hexalobular Socket Cheese Head Screws
ISO 14581 - 2013
Fasteners — Hexalobular Socket Countersunk Flat Head Screws
ISO 14582 - 2013
Hexalobular Socket Countersunk Head Screws, High Head
ISO 14583 - 2011 Hexalobular Socket Pan Head Screws
ISO 14584 - 2011
Hexalobular Socket Raised Countersunk Head Screws
JIS B 1107 - 2018
Hexalobular Socket Raised Countersunk Head Screws
JIS B 1107 - 2018
Hexalobular Socket Cheese Head Screws
JIS B 1107 - 2018 Hexalobular Socket Pan Head Screws
JIS B 1136 - 2014
Hexalobular Socket Cheese Head Screws
NF E 25-107 - 2007
Screws with Six Lobes Recessed Countersunk Head - Symbol FX
NF E 25-108 - 2001
Hexalobular Socket Raised Countersunk Head Screws
NF E 25-109 - 2001
Hexalobular Socket Round Head Screws
NF E 25-110 - 2001
Hexalobular Socket Head Cap Screws
NF E 25-111 - 2001
Hexalobular Socket Cheese Head Screws

Check www.globalfastener.com for more data.

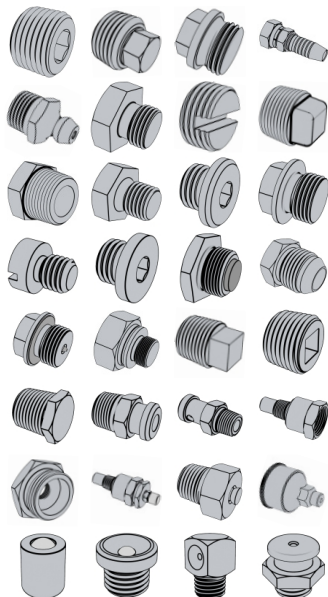
Wing / Thumb Screws



ASME B 18.6.8 - 2010 Type A, Heavy Thumb Screws
ASME B 18.6.8 - 2010
Type B, Heavy Thumb Screws (UNS G10060)
ASME B 18.6.8 - 2010
Type B, Style 1 Wing Screws-Round Nose (UNS G10060)
ASME B 18.6.8 - 2010
Type B, Regular Thumb Screws and Round Head (UNS G10060)
ASME B 18.6.8 - 2010
Type A, Regular Round Head Thumb Screws
ASME B 18.6.8 - 2010
Type C, Style 2 Wing Screws (UNS Z33520 / G10060)
ASME B 18.6.8 - 2010
Type C, Style 1 Wing Screws - Diecast Type (UNS Z33520)
ASME B 18.6.8 - 2010
Type B, Style 2 Wing Screws - High Head and Round Nose
ASME B 18.6.8 - 2010 Type A, Wing Screws
ASME B 18.6.8 - 2010
Type D, Wing Screws - Stamping Type (UNS G10060)
ANSI/ASME B 18.17 - 1968 (R1983)
Regular Thumb Screws, Type B
ANSI/ASME B 18.17 - 1968 (R1983)
Type A, Regular Thumb Screws
ANSI/ASME B 18.17 - 1968 (R1983)
Wing Screws - Type A, Wing Screws
IFT 156(T3) - 2002 Type B, Regular Thumb Screws
IFT 156(T8) - 2002 Wing Screws - Type C, Style 1
IFT 156(T6) - 2002 Wing Screws - Type B, Style 1
IFT 156(T7) - 2002 Wing Screws - Type B, Style 2
IFT 156(T9) - 2002 Wing Screws - Type C, Style 2
IFT 156(T10) - 2002 Wing Screws - Type A
IFT 156(T12) - 2002 Heavy Thumb Screws, Type A
IFT 156(T4) - 2002 Heavy Duty Thumb Screws, type B
IFT 156(T1) - 2002 Regular Thumb Screws, Type A
DIN 316 - 2016 Wing Screws
DIN 318 - 1999 Wing Screws with Edged Wings
JIS B 1184 - 2010 Wing Screws-Round Wings
JIS B 1184 - 2010 Wing Screws-Square Wing
UNI 5449 - 1971
Wing Screws - ISO Metric Coarse Thread - Finish C

Check www.globalfastener.com for more data.

Plugs



ASME B 16.11 - 2016 Hexagon Head Plug
ASME B 16.11 - 2016 Square Head Plug
ASME B 16.14 - 2018
Ferrous Pipe Plugs with Pipe Threads
DIN 3404 - 1988
Lubrication Nipples; Button Head DIN 3852 Hollow Hex Plug - ED
DIN 3871 - 1995
Non-soldering and Soldering Compression Couplings - Socket Unions
DIN 5586 - 1989
Compressed Air Equipment for Rail Vehicles; Locking Screws with Collar and Vent

DIN 74305-1 - 1987
Compression Couplings; Hollow Screw
DIN 7604 - 2016
Hexagon Head Screw Plugs - Light Type - Cylindrical Thread
DIN 906 - 2020
Internal Drive Pipe Plugs - Conical Thread
DIN 908 - 2020
Internal Drive Screw Plugs with Collar - Cylindrical Thread
DIN 909 - 2020
Hexagon Head Pipe Plugs - Conical Thread
DIN 910 - 2020
Hexagon-duty Hexagon Head Screw Plugs (Type L)
DIN 910 - 2020
Hexagon-duty Hexagon Head Screw Plugs (Standard Type)
SAE J 1453 - 2002 (520109)
Fitting - O-Ring Face Seal Plug
SAE J 514(70109) - 2001 37° Flared Tube Fitting - Plug
SAE J 514(080109) - 2001
Hydraulic Flareless Tube Fittings - Plugs
SAE J 514(090109A) - 2001
Hydraulic Flareless Tube Fittings - Hexagon Head O-Ring Boss Plug
SAE J 514(090109B) - 2001
Hydraulic Flareless Tube Fittings - Hexagon Socket O-Ring Boss Plug
ISO 6149(-4) - 2017 (PLEH)
External Hex Port Plug (PLEH)
ISO 6149(-4) - 2017 (PLIH) Internal Hex Port Plug
JIS D 2101(1A) - 2001
Automotive Parts - Type 1A Taper Screw Plug
NF E 27-434 - 1984
Metric Screw Hexagon Socket Cylindrical Head Metal Plugs with Collar Joints for Use with Gaskets
NF E 27-435 - 1986
Metric Hexagon Socket Cheese Head Screws Metal Plugs with Collar Joints for Use with O-rings.

Check www.globalfastener.com for more data.

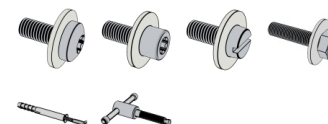
Knurled Screws



DIN 464 - 2006 Knurled Thumb Screws, High Type
DIN 465 - 1963 Slotted knurled screws-High Style
DIN 6367 - 2003
Cutter Retaining Screws for Milling Machine Arbors
DIN 653 - 2006 Knurled Thumb Screws, Low Type
GB 834 - 1988 Knurled Thumb Screws
GB 835 - 1988 Knurled Screws
GB 839 - 1988
Knurled Thumb Screws with Waisted Shank
NF E 27-170 - 1974 Knurled Thumb Screws

Check www.globalfastener.com for more data.

Screw and Washer Assemblies



ASME B 18.13 - 2017
Hex Head Tapping Screw and Spring Washer Assemblies-SEMS (Type B Tapping Screw Thread Diameter)
ASME B 18.13 - 2017
Slotted Pan Head Tapping Screw and Spring Washer Assemblies-SEMS (Type B Tapping Screw Thread Diameter)
ASME B 18.13 - 2018 (ERTA)
Slotted Pan Head Screw and Spring Washer Assemblies-SEMS
ASME B 18.13 - 2017
Hex Head Screw and Helical Spring Lock Washers for SEMS
ASME B 18.13 - 2017
Helical Spring Lock Washers for Socket Head Cap Screw SEMS
ANSI/ASME B 18.13.1M - 2011
Metric Socket Head Cap Screw and Spring Washer Assemblies-SEMS(Machine Screw Thread Diameter)
ANSI/ASME B 18.13.1M - 2011
Metric Hexagon Cap Screw and Spring Washer Assemblies-SEMS (Machine Screw Thread Diameter)
ANSI/ASME B 18.13.1M - 2011
Metric Slotted Pan Head Screw and Spring Washer Assemblies-SEMS (Machine Screw Thread Diameter)
ANSI/ASME B 18.13.1M - 2011
Metric Slotted Pan Head Tapping Screw and Spring Washer Assemblies-SEMS (Screws Having Tapping Screw Thread Diameter)
ANSI/ASME B 18.13.1M - 2011
Metric Hexagon Head Tapping Screws and Spring Washer Assemblies-SEMS (Screws Having Tapping Screw Thread Diameter)
DIN EN ISO 10510(S2) - 2011
Cross-recessed Pan Head Tapping Screws and Washer Assemblies with Plain Washers
DIN EN ISO 10510(S1) - 2011
Hexagon Head Tapping Screw with Plain Washers
DIN EN ISO 10510(S3) - 2011
Slotted Pan Head Tapping Screws with Plain Washer
DIN EN ISO 10644 - 2009
Screw and Washer Assemblies made of Steel with Plain Washers - Washer Hardness Classes 200 HV and 300 HV
DIN 6900-1 - 1990
Hexagon Head Bolts and Plain Washers Assemblies
DIN 6900-1 - 1990
Cross Pan Head Screw and Washer Assemblies, Coarse Threaded Screws with Captive Plain Washer
DIN 6900-2 - 1990
Slotted Screws and Wave Washers Assemblies
DIN 6901 - 1990 Tapping Screw and Washer Assemblies
GB/T 9074.1 - 2018
Bolt or Screw and Washer Assemblies with Plain Washers
GB 9074.10 - 1988
Cross Recessed Raised Countersunk Head Screw and Countersunk External Toothed Lock Washer Assemblies
GB 9074.11 - 1988
Cross Recessed Hexagon Bolt with Indentation and Plain Washer Assemblies
GB 9074.12 - 1988
Cross Recessed Hexagon Bolt with Indentation and Single Coil Spring Lock Washer Assemblies
GB 9074.13 - 1988
Cross Recessed Hexagon Bolt with Indentation, Single Coil Lock Washer and Plain Washer Assemblies
GB 9074.14 - 1988
Hexagon Head Bolt and Plain Washer Assemblies
GB 9074.15 - 1988
Hexagon Head Bolts and Single Coil Spring Lock Washer Assemblies
GB 9074.16 - 1988
Hexagon Head Bolt and Serrated Lock Washer External Teeth Assemblies
GB 9074.17 - 1988
Hexagon Head Bolt, Single Coil Spring Lock Washer and Plain Washer Assemblies
GB/T 9074.18(S3) - 2017
Slotted Pan Head Tapping Screws and Plain Washer Assemblies
GB/T 9074.18(S1) - 2017
Hexagon Head Tapping Screws and Plain Washer Assemblies
GB/T 9074.18(S2) - 2017
Cross Recessed Pan Head Tapping Screws and Plain Washer Assemblies

GB 9074.19 - 1988

Cross Recessed Pan Head Tapping Screw and Large Plain Washer Assemblies

GB 9074.2 - 1988

Cross Recessed Pan Head Screw and Serrated Lock Washer External Teeth Assemblies

GB/T 9074.20 - 2004

Cross Recessed Hexagon Head Tapping Screw with Indentation and Washer Assemblies with Plain Washers

GB 9074.21 - 1988

Cross Recessed Hexagon Head Tapping Screw with Indentation and Large Plain Washer Assemblies

GB 9074.22 - 1988

Hexagon Head Tapping Screw and Plain Washer Assemblies

GB 9074.23 - 1988

Hexagon Head Tapping Screw and Plain Washer Assemblies

GB 9074.3 - 1988

Cross Recessed Pan Head Screws and Single Coil Spring Lock Washers Assemblies

GB 9074.4 - 1988

Cross Recessed Pan Head Screws, Single Coil Spring Lock Washer and Plain Washers Assemblies

GB/T 9074.5 - 2004

Cross Recessed Small Pan Head Screw and Washer Assemblies with Plain Washers

GB 9074.7 - 1988

Cross Recessed Small Pan Head Screw and Single Coil Spring Lock Washer Assemblies

GB 9074.8 - 1988

Cross Recessed Small Pan Head Screw, Single Coil Spring Lock Washer and Plain Washer Assemblies

GB 9074.9 - 1988

Cross Recessed Countersunk Head Screw and Countersunk Serrated External Toothed Lock Washer Assemblies

ISO 10510(S3) - 2011

Slotted Pan Head Tapping Screws with Plain Washer

ISO 10510(S1) - 2011

Hexagon Head Tapping Screw with Plain Washers

ISO 10510(S2) - 2011

Cross Recessed Pan Head Tapping Screw with Plain Washers

ISO 10644 - 2009

Screw and Washer Ssemblies Made of Steel with Plain Washers - Washer Hardness Classes 200 HV and 300 HV

JIS B 1129 - 2004

Hexagon Head Tapping Screws and Plain Washers Assemblies

JIS B 1130 - 2012

Cross Recessed Pan Head Screws Assemblies with Washers

JIS B 1130 - 2012

Cross Recessed Pan Head Screws Assemblies with Washers

JIS B 1187(T6) - 2017

Small Hexagon Head Bolt and Flat Washer Assemblies

JIS B 1187(T4) - 2017

Hexagon Head Bolt and Plain Washer Assemblies

JIS B 1187(T6) - 2017

Small Hexagon Cap Screw and Spring Washer Assemblies

JIS B 1187(T8) - 2017

Small Recessed Hex Head Bolts and Flat Washer Combination

JIS B 1188(T1A) - 1995

Cross Recessed Pan Head Screws, Spring Lock Washer and Plain Washer Assemblies

JIS B 1188(T1B) - 1995

Cross Recessed Pan Head Screws and Spring Lock Washer Assemblies

JIS B 1188(T1C) - 1995

Cross Recessed Pan Head Screws and Plain Washer Assemblies

JIS B 1188(T1D) - 1995

Cross Recessed Pan Head Screw and Serrated Lock Washer External Teeth Assemblies

KS B 1040 - 1998

Hexagon Head Screws and Spring Washer Assemblies

KS B 1040 - 1998

Hexagon Head Bolt and Plain Washer Assemblies

NF E 25-417 - 1986

Hexagon Nuts with Collar(Non-Metallic), Pressing Smooth Taper Collar, Grade A

NF E 25-523 - 1999

Hexagon Head Tapping Screw and Washer Assemblies with Plain Washers

NF E 25-523 - 1999

Cross Recessed Pan Head Tapping Screw and Washers Assemblies with Plain Washers

Check www.globalfastener.com for more data.

Point Socket Screws



DIN 34821 - 2005

Cheese Head Screws with 12 Point Socket

DIN 34822 - 2005

Cheese Head Screws with Flange with 12 Point Socket

DIN 34823 - 2005

Raised Countersunk Head Screws with 12 Point Socket

DIN 65517 - 2020

Aerospace; Cheese Head Bolts, with Internal Serrations and MJ Thread, Short Thread, Titanium Alloy

Check www.globalfastener.com for more data.

12 Point Socket Screws



EN 4162 - 2016

Aerospace Series-Screws 100° Countersunk Normal Head, Offset Cruciform Recess, Coarse Tolerance Normal Shank, Medium Length Thread, In Alloy Steel, Cadmium Plated - 1100 MPa (At Ambient Temperature)/235 °C

Check www.globalfastener.com for more data.

Tamperpro of Screws

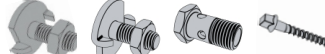


EN 4162 - 2016

Aerospace Series-Screws 100° Countersunk Normal Head, Offset Cruciform Recess, Coarse Tolerance Normal Shank, Medium Length Thread, In Alloy Steel, Cadmium Plated - 1100 MPa (at Ambient Temperature)/235 °C

Check www.globalfastener.com for more data.

Others



DIN 15237 - 1980

Belt Screws, Continuous Mechanical Handling Equipment; Seating Screws and Cupped Washers for the Attachment of Components to Belts

DIN 22424 - 1990

Electrical Apparatus for Potentially Explosive Atmospheres for Mining; Triangle Head Bolts

Check www.globalfastener.com for more data.

Washers & Retaining Rings

Disc spring



DIN EN 16983(A) - 2017 Disc Springs - Series A

DIN EN 16983(B) - 2017

Conical Spring Washers - Series B

DIN EN 16983(C) - 2017 Disc Spring Washers - Series C

DIN 6795 Grounding Washers

DIN 6796 - 2009

Conical Spring Washers for Bolted Connections

DIN 6908 - 1995

Conical Spring Washers for Screw and Washer Assemblies

DIN 9250(SS)

Lock Washers with Double Faced Printing, Stainless Steel

DIN 9250(VSS)

Lock Washers with Double Faced Printing, Stainless Steel, Heavy Type

DIN 9250(S)

Lock Washers with Double Faced Printing, Steel

DIN 9250(VS)

Lock Washers with Double Faced Printing, Steel, Heavy Type

GB/T 956.3 - 2017 Conical Spring Washers

JIS B 1251(CW/1L, 1H) - 2018

Conical Spring Lock Washers - Type 1 (Table 6/Table 7) CW/1L, 1H

JIS B 2706(H) - 2001

Coned Disc Springs for Heavy Load Use

JIS B 2706(L) - 2001

Coned Disc Springs for Light Load Use

NF E 25-104 - 1978

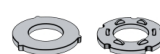
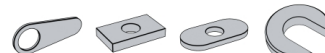
Conical Spring Washers - Dynamic Washers (or So-Called Belleville Spring Washers)

NF E 25-510 - 2008

Conical Static Washers for Bolted Connections - Symbol CL

Check www.globalfastener.com for more data.

Plain Washers



AS 1237.1 - 2002

Plain Washers for Metric Bolts, Screws and Nuts for General Purposes - Small, Product Grade A

AS 1237.1 - 2002

Plain Washers for Metric Bolts, Screws and Nuts for General Purposes - Normal, Product Grade A and C

AS 1237.1 - 2002

Plain Washers for Metric Bolts, Screws and Nuts for General Purposes - Large, Product Grade A and C

AS 1237.1 - 2002

Plain Washers for Metric Bolts, Screws and Nuts for General Purposes - Extra Large, Product Grade C

AS/NZS 1252.1 - 2016

Flat Round Washers for High-Strength Structure Bolting

AS 1559 - 2018

ISO Metric Hot-dip Galvanized Washers for Tower Construction

ANSI B 18.22.1 - 1965 (R1998)

Preferred Sizes of Type A Plain Washers [Table 1A]

ANSI B 18.22.1 - 1965 (R1998)

Additional Selected Sizes of Type A Plain Washers [Table 1B]

ANSI B 18.22.1 - 1965 (R1998)

Type B Plain Washers [Table 2]

ANSI B 18.22M - 1981 (R2010)

Metric Plain Washers (General Purpose)

ASME B 18.2.6 - 2019

Hardened Steel Circular and Circular Clipped Washers

ASME B 18.2.6 - 2019

Compressible Washer-Type Direct Tension Indicators

ASME B 18.2.6M - 2012

Metric Compressible Washer-Type Direct Tension Indicators

ASTM F 436 - 2019

Hardened Circular, Clipped Circular, and Extra, Inch Washers

ASTM F 436M - 2019 Metric Hardened Steel Washers

ASTM F 959 - 2017 (a)

Compressible-Washer-Type Direct Tension Indicators for Use with Structural Fasteners, Inch Series

ASTM F 959M - 2017 (a)

Compressible-Washer-Type Direct Tension Indicators for Use with Structural Fasteners, Metric Series

IFT 542 - 1982 Metric Hardened Steel Washers

BS 3410(-4) - 1961

Large Bright Washers for Use with UNC, UNF, B.S.W. and B.S.F Fasteners [Table 4]

BS 3410(-6) - 1961

Large Bright Washers for Automobile Purposes for UNC, UNF, BSW and BSF Fasteners [Table 6]

BS 3410(-2) - 1961

Large Plain Washers for use with B.A. and American Number Size Fasteners [Table 2]

BS 3410(-1) - 1961

Small Bright Washers for Use with B.A. and American Number Size [Table 1]

BS 3410(-3) - 1961

Small Bright Washers for Use with UNC, UNF, B.S.W. and B.S.F [Table 3]

BS 3410(-3) - 1961

Small Bright Chamfered Washers for Use with UNC, UNF, B.S.W. and B.S.F [Table 3]

BS 3410(-5) - 1961

Medium Bright Washers for Automobile Purposes for Use with UNC, UNF, B.S.W. and B.S.F Fasteners

BS 3410(-8) - 1961 Large Black Washers [Table 8]

BS 3410(-9) - 1961

Small Light Gauge Black Washers [Table 9]

BS 4320 - 1968 Plain Washers - Type G

BS 4320 - 1968 Metric Plain Washers - Type A

BS 4320 - 1968 Metric Plain Washers - Type B

BS 4320 - 1968 Metric Plain Washers - Type C

BS 4320 - 1968 Metric Plain Washers - Type D

BS 4320 - 1968 Metric Plain Washers - Type E

BS 4320 - 1968 Metric Plain Washers - Type F

BS 4395-1 - 1969 High Strength Plain Washers

BS 7644-1 - 1993

Direct Tension Indicators - Compressible Washers

DIN EN 14399(-6 Chamfered washer) - 2015

High-strength Structural Bolting Assemblies for Preloading - Part 6: Plain Chamfered Washers

DIN EN 28738 - 1992

Plain Washers for Clevis Pins; Product Grade A;

DIN EN ISO 10669(N) - 1999

Plain Washers for Tapping Screw and Washer Assemblies—Normal Series

DIN EN ISO 10669(L) - 1999

Plain Washers for Tapping Screw and Washer Assemblies—Large Series

DIN EN ISO 10673(S) - 2009

Plain Washers for Screw and Washer Assemblies—Type S, Product Grade A

DIN EN ISO 10673(N) - 2009

Plain Washers for Screw and Washer Assemblies—Type N, Product Grade A

DIN EN ISO 10673(L) - 2009

Plain Washers for Screw and Washer Assemblies—Type L, Product Grade A

DIN EN ISO 7091 - 2000

Plain Washers - Normal Series, Product Grade C

DIN EN ISO 7092 - 2000

Plain Washers - Small Series, Product Grade A, 200HV and 300HV

DIN EN ISO 7093-1 - 2000

Plain Washers - Large Series - Part 1: Product Grade A

DIN EN ISO 7094 - 2000

Extra Large Washers with Round Hole for Use in Timber Constructions

DIN 1052 - 2008 Washers for Wood Constructions

DIN 125-1 - 1990

Product Grade A, up to Hardness 250 HV, Primarily for Hexagon Bolts and Nuts

DIN 125-2 - 1990

Product Grade A, Washers with a Hardness from 300 HV Designed for Use with Hexagon Head Bolts and Nuts

DIN 126 - 1990

Product Grade C Washers Designed for Use with Hexagon Head Bolts and Nuts

DIN 134 Plain Washers - Large

DIN 1440 - 1974 Washers, Type Medium for Bolts

DIN 1441 - 2009

Washers for Clevis Pins - Product Grade C

DIN 34815 - 1999 Plastic Plain Washers - Normal Series

DIN 6903(B) - 1990

Plain Washers for Tapping Screw and Washer Assemblies—Type B

DIN 6916 - 1989

Round Washers for High-Tensile Structural Bolting

DIN 7349 - 2009

Plain Washers for Bolts with Heavy Clamping Sleeves

DIN 7989-1 - 2001

Plain Washers for Steel Structure-Grade C

DIN 7989-2 - 2001

Plain Washers for Steel Structure-Grade A

DIN 9021 - 1990 Large Plain Washers - Product Grade A**EN 14399(-5 Washer) - 2005**

High-strength Structural Bolting Assemblies for Preloading - Part 5: Plain Washers

EN 14399(-6 Chamfered washer) - 2005

High-strength Structural Bolting Assemblies for Preloading - Part 6: Plain Chamfered Washers

EN 14399(-9 DTI) - 2018

High-strength Structural Bolting Assemblies for Preloading - Part 9: System HR or HV — Direct Tension Indicators for Bolt and Nut Assemblies

EN 14399(-9 HN washer) - 2018

High-strength Structural Bolting Assemblies for Preloading - Part 9: System HR or HV — Nut Face Washers (HN)

EN 14399(-9 HB washer) - 2018

High-strength Structural Bolting Assemblies for Preloading - Part 9: System HR or HV — Bolt Face Washers (HB)

GB/T 1230 - 2006

High Strength Plain Washers for Steel Structural

GB/T 18230.5 - 2000

Plain Washers for High-Strength Structural Bolting Hardened and Tempered

GB/T 32076.5 - 2015

High-Strength Structural Bolting Assemblies for Preloading - Part 5: Plain Washers

GB/T 32076.6 - 2015

High-Strength Structural Bolting Assemblies for Preloading - Part 6: Plain Chamfered Washers

GB/T 32076.7 - 2015

System HV-Washers for High Strength Steel Structural

GB/T 33943 - 2017

Plain Washers for High Strength Anchoring of Steel Structures

GB/T 3632 - 2008

Plain Washer for Sets of Torshear Type High Strength Bolt for Steel Structures

GB/T 5287 - 2002

Plain Washers - Extra Large Series - Product Grade C

GB/T 848 - 2002

Plain Washers - Small Series - Product Grade A

GB 849 - 1988 Washers With Ball Face**GB 850 - 1988 Washers With Cone Face****GB 851 - 1988 Washers With Split****GB 9074.24 - 1988 Plain Washers for Assembly****GB 9074.25 - 1988 Blg Plain Washer for Assembly****GB/T 95 - 2002 Plain Washers - Product Grade C****GB/T 96.1 - 2002**

Plain Washers - Large Series - Product Grade A

GB/T 96.2 - 2002

Plain Washers - Large Series - Product Grade C

GB 97 - 1976 Plain Washers**GB/T 97.1 - 2002 Plain Washers - Product Grade A****GB/T 97.2 - 2002**

Plain Washers, Chamfered - Product Grade A

GB/T 97.3 - 2000 Plain Washers for Clevis Pins**GB/T 97.4(S) - 2002**

Plain Washers(Small) for Combination Screw

GB/T 97.4(N) - 2002

Plain Washers(Normal) for Combination Screw

GB/T 97.4(L) - 2002

Plain Washers(Large) for Combination Screw

GB/T 97.5(N) - 2002

Plain Washers for Tapping Screw and Washer Assemblies - Type N

GB/T 97.5(L) - 2002

Plain Washers for Tapping Screw and Washer Assemblies - Type L

GOST 10450 - 1978

Diminished Washers of Accuracy Classes A and C

GOST R 52646 - 2006

Plain Washers for High-Strength Structural Bolting, Hardened and Tempered

GOST 6958 - 1978

Enlarged Washers, Product Grades A and C

GOST 9649 - 1978 Steel Washers for Pins, Grade A**SAE J 2655 - 2015 Plain Washers - Type B****SAE J 2655 - 2015 Plain Washers - Type A****SAE J 2655 - 2015 Fender Washers****ISO 10669(N) - 1999**

Plain Washers for Tapping Screw and Washer Assemblies

- Normal Series - Product Grade A

ISO 10669(L) - 1999

Plain Washers for Tapping Screw and Washer Assemblies - Large Series - Product Grade A

ISO 10673(L) - 2009

Plain Washers for Screw and Washer Assemblies - Large Series - Product Grade A

ISO 10673(N) - 2009

Plain Washers for Screw and Washer Assemblies - Normal Series - Product Grade A

ISO 10673(S) - 2009

Plain Washers for Screw and Washer Assemblies - Small Series - Product Grade A

ISO 7089 - 2000

Plain Washers—Normal Series—Product Grade A

ISO 7090 - 2000

Plain Washers, Chamfered-Normal Series—Product Grade A

ISO 7091 - 2000

Plain Washers-Normal Series—Product Grade C

ISO 7092 - 2000

Plain Washers-Small Series—Product Grade A

ISO 7093-1 - 2000

Plain Washers—Large Series—Product Grade A

ISO 7093-2 - 2000

Plain Washers—Large Series—Product Grade C

ISO 7094 - 2000

Plain Washers—Extra Large Series—Product Grade C

ISO 7415 - 1984

Plain Washers for High-Strength Structural Bolting, Hardened and Tempered

ISO 7416 - 1984

Plain Washers, Chamfered, Hardened and Tempered for High-Strength Structural Bolting

ISO 8738 - 1986

Plain Washers for Clevis Pins-Product Grade A

JIS B 1186 - 2013

High Strength Washer for Friction Grip Joints

JIS B 1220 - 2010 Foundation Plain Washers**JIS B 1256(SA) - 2008**

Small Plain Washers - Product Grade A - [Table 3-4]

JIS B 1256(NA) - 2008

Normal Plain Washers - Product Grade A

JIS B 1256(NCA) - 2008

Normal Plain Washers, Chamfered - Product Grade A

JIS B 1256(NC) - 2008

Normal Plain Washers - Product Grade C

JIS B 1256(LA) - 2008

Large Plain Washers - Product Grade A

JIS B 1256(LC) - 2008

Large Plain Washers - Product Grade C

JIS B 1256(ELC) - 2008

Extra Large Plain Washers - Product Grade C

JIS B 1258(S) - 2012

Plain Washers for Screw and Washer Assemblies - Type S

JIS B 1258(N) - 2012

Plain Washers for Screw and Washer Assemblies - Type N

JIS B 1258(L) - 2012

Plain Washers for Screw and Washer Assemblies - Type L

NF E 25-513 Plain Washers - LL Style**NF E 25-513 Plain Washers - L Style****NF E 25-513 Plain Washers - M Style****NF E 25-513 Plain Washers - Z Style(Small)****NF E 25-514 - 1987 Plain Washers - Product Grade A****NF E 25-518 - 1987**

Thick Plain Washers for Mechanical Applications - Product Grade A

NF E 25-522 - 1999

Plain Washers for Tapping Screw and Washer Assemblies - Large Series - Product Grade A

NF E 25-522 - 1999

Plain Washers for Tapping Screw and Washer Assemblies - Normal Series - Product Grade A

NF E 25-526 - 2000

Plain Washers - Normal Series - Product Grade A

NF E 25-527 - 2000

Plain Washers, Chamfered - Normal Series - Product Grade A

NF E 25-528 - 2000

Plain Washers - Normal Series - Product Grade C

NF E 25-529 - 2000

Plain Washers - Small Series - Product Grade A

NF E 25-530 - 2000

Plain Washers - Large Series - Product Grade A

NF E 25-531 - 2000

Plain Washers - Large Series - Product Grade C

NF E 25-532 - 2000

Plain Washers - Extra Large Series - Product Grade C

NF E 25-760 - 1992 (R2002)

Plain Washers for Clevis Pins - Product Grade A

UNI 1734

Plain Washers, Chamfered - Product Grade A

UNI 1750 Thin Plain Washers, Chamfered

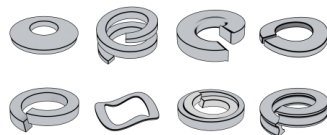
UNI 5714 - 1975

Flat Washer for High Strength Bolts - Grade C

UNI 6592 - 1972 Plain Washers**UNI 6593 - 1997 Plain Washers-Wide Band****UNI 6952 Plain Washers**

Check www.globalfastener.com for more data.

Spring Washers

**ASME B 18.21.1 - 2009 (R2016)**

High-collar Helical Spring Lock Washers [Table 4]

ASME B 18.21.1 - 2009 (R2016)

Extra-duty Helical Spring-lock Washers [Table 3]

ASME B 18.21.1 - 2009 (R2016)

Heavy Helical Spring-Lock Washers [Table 2]

ASME B 18.21.1 - 2009 (R2016)

Regular Helical Spring-Lock Washers [Table 1]

ASME B 18.21.2M - 1999 (R2014)

Heavy Metric Helical Spring Lock Washers [Table 3]

ASME B 18.21.2M - 1999 (R2014)

Regular Metric Helical Spring Lock Washers [Table 2]

BS 4464 - 1969 Metric Spring Lock Washers - Type A**BS 4464 - 1969 Metric Spring Lock Washers - Type B****BS 4464 - 1969 Metric Spring Lock Washers - Type BP****BS 4464 - 1969**

Double Coil Helical Spring Lock Washers - Type D

DIN 127(B) - 1987

Spring Lock Washers, with Square Ends -B type

DIN 127(A) - 1987

Spring Lock Washers, with Tang Ends-A type

DIN 128(A) - 1994 Curved Spring Lock Washers**DIN 128(B) - 1987 Wave Spring Lock Washers****DIN 6913 - 1987 Spring Lock Washers with Safety Ring****DIN 74361-2(C) - 2008**

Fastening Devices for Bolt Centering - form C - Spring Lock Washers

DIN 7980 - 1987

Spring Lock Washers with Square Ends for Cheese Head Screws

GB 7244 - 1987

Single Coil Spring Lock Washers Heavy Type

GB 7245 - 1987 Curved Single Coil Spring Lock Washers**GB 7246 - 1987 Wave Single Coil Spring Lock Washers****GB 859 - 1987**

Single Coil Spring Lock Washers, Light Type

GB 860 - 1987 Curved Spring Washers**GB 9074.26 - 1988**

Single Coil Spring Lock Washer for Assembly

GB/T 93 - 1987

Single Coil Spring Lock Washers, Normal Type

GB/T 955 - 1987 Wave Spring Washers**SAE J 2655 - 2015 Regular Helical Spring-Lock Washers****SAE J 2655 - 2015 Heavy Helical Spring-Lock Washers****SAE J 2655 - 2015**

Extra-Duty Helical Spring-Lock Washers

SAE J 2655 - 2015 High-Collar Helical Spring-Lock Washers**SAE J 773 - 1998**

Conical Spring Washers - Type L and Type H

JIS B 1251(SW/No.2) - 2018

Spring Lock Washer - Relular Type [Table 4] SW/No.2

JIS B 1251(SW/No.3) - 2018

Spring Lock Washer - Heavy Type [Table 5] SW/No.3

JIS B 1251(WW/No.3) - 2018

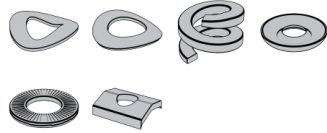
Curved Spring Lock Washers [Table 13] WW/No.3

UNI 1751 - 1941

Single Coil Spring Lock Washers, Normal Series

Check www.globalfastener.com for more data.

Spring Lock Washers

**ASME B 18.21.3 - 2008 (R2013)**

Double Coil Helical Spring Lock Washers for Wood Structures

DIN 137(A) - 1987 Curved Spring Washers**DIN 137(B) - 1994 Wave Spring Washers****DIN 6904 - 1990**

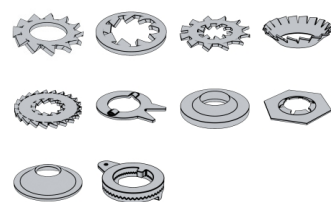
Curved Spring Washers for Screw and Washer Assemblies

DIN 6905 - 1990

Spring Lock Washers for Screw and Washer Assemblies

Check www.globalfastener.com for more data.

Toothed Lock Washers

**ASME B 18.21.2M - 1999 (R2014)**

Metric External-internal Tooth Lock Washers

ASME B 18.21.2M - 1999 (R2014)

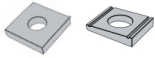
Metric Heavy Internal Tooth Lock Washers [Table 5]

ASME B 18.21.2M - 1999 (R2014)

Metric Countersunk External Tooth Lock Washers [Table 7]

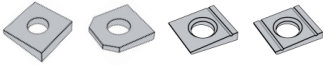
UNI 8841(A) - 1985
External Toothed Lock Washers - Form A
UNI 8842(V) - 1985
Countersunk External Serrated Lock Washers - Form V
UNI 8842(J) - 1985
Internal Serrated Lock Washers - Form J
UNI 8842(A) - 1985
External Serrated Lock Washers - Form A
Check www.globalfastener.com for more data.

Square Washers



BS 3410(-11) - 1961
Square Black Washers with Round Holes [Table 11]
DIN 436 - 1990
Square Washers; Especially for Wood Constructions
JIS B 1256(SQ) - 2008 Square Washers [Table JA.1.]
Check www.globalfastener.com for more data.

Beveled Washers



ASME B 18.2.6 - 2019
Hardened Beveled Washers with Slope or Taper in Thickness 1:6 (ASTM F436 / F436M)
ASTM F 436 - 2019
Hardened Beveled Washers, Inch Washers
ANSI/ASME B 18.23.1 - 1967 (R1975)
Square Beveled Washers (Malleable Iron) [Type A]
ANSI/ASME B 18.23.1 - 1967 (R1975)
Square Beveled Washers (Steel) [Type B]
BS 3410(-12) - 1961
Square or D-shaped Taper Washers [Table 12]
DIN 434 - 2000 Square Taper Washers for U-sections
DIN 435 - 2000
Square Taper Washers for Use with I Sections
DIN 6917 - 1989
Square Taper Washers for High-Strength Structural Bolting of Steel I Sections
DIN 6918 - 1990
Square Taper Washers for High-strength Structural Bolting of Steel Channel Sections
GB 852 - 1988 Square Taper Washers for I Section
GB / T 853 - 1988
Square Taper Washers for Slot Section
UNI 6598 - 2002
Channel Clamping Plates for UNP Section (Inclination 8%)
Check www.globalfastener.com for more data.

Square Hole Washers



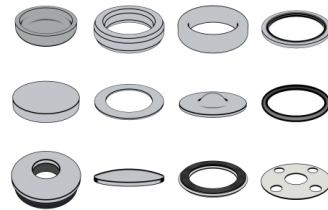
BS 3410(-10) - 1961
Round Black Washers with Square Holes for Woodwork and Timber Constructions [Table 10]
DIN 440 - 1990
Extra Large Washers with Square Hole for Use in Timber Constructions
DIN 440 - 2001
Extra Large Washers with Square Hole for Use in Timber Constructions
Check www.globalfastener.com for more data.

Tab Washers



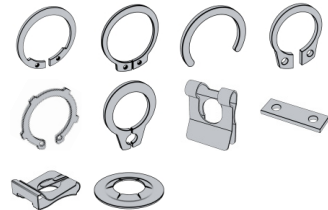
DIN 432 - 1983
External Tab Washers (Locking Tab Washers)
DIN 462 - 1973
Machine Tools; Internal Tab Washers for Slotted Round Nuts in Conformity with DIN 1804
DIN 463 - 1974
Tab Washers with Long and Short Tap at Right Angles
DIN 5406 - 2011
Rolling bearings - Lockwashers; Safety plate, Lockclip
DIN 70952 - 1976
Tab Washers for Slotted Round Nuts (form A & form B)
DIN 93 - 1974 Tab Washers with Long Tab
GB 854 - 1988 Tab Washers with Long Tab
GB 855 - 1988 Tab Washers with Long Tab and Wing
GB 856 - 1988 External Tab Washers
GB 858 - 1988 Tab Washers for Round Nuts
GB / T 9160.2(MB/MBA) - 2017
Rolling Bearings - Lockwashers - Type MB/MBA
NF E 22-112 - 1969
Lockwashers for Locknuts - Heavy Series
Check www.globalfastener.com for more data.

Sealing Washers



ASME B 16.20 - 2012
Metallic Gaskets for Pipe Flanges (Ring-Joint)
ASME B 16.20 - 2012 Type RX Ring Gasket
DIN 443 - 2017 Sealing Push-in Caps
DIN 470 - 2011 Sealing Washers
DIN 7603(A) - 2001 Sealing Rings - form A
DIN 86039 - 2000
Ships and Marine Technology - Flat Gaskets for Flange Connections Extra Light Duty on 32 to DN 50, up to PN 25, DN 65 to DN 125, up to PN 10
DIN 89347 - 2008
Washers for Glands for Electrical Cables and Insulated Wires
DIN 988(P) - 1990 Shim Rings
DIN 988(S) - 1990 Supporting Rings
GB 1235 - 1976
O-rings, Inside Diameters, Cross-sections, Tolerances and Size Identification Code
JIS B 2401-1(F) - 2012
O-Rings for General Industrial Applications
Check www.globalfastener.com for more data.

Retaining Rings for Shafts



DIN 471(-1) - 2011
Retaining Rings for Shafts - Normal Type
DIN 471(-2) - 2011
Retaining Rings for Shafts - Heavy Type
DIN 983 - 2021
Retaining Rings with Lugs for Shafts (Internal Circlips)
GB / T 894(A) - 2017 Retaining Rings for Shaft-Type A
GB / T 894(B) - 2017 Retaining Rings for Shaft - Type B
GB 960 - 1986 Grip Rings
JIS B 1216(T2) - 2006 Push-on Spring Round Nuts
JIS B 2804(GR) - 2010
External Retaining Rings (Small Specification)
JIS B 2804(CE-EX) - 2010 External Retaining Rings
NF E 25-512 - 1984
Internal Tooth Conical Spring Washers - Symbol CDJ
UNI 7435 Circlips for Shaft
Check www.globalfastener.com for more data.

Retaining Rings for Bores



ANSI B 27.7(3BM1) - 1977 (R2017)
Metric Internal Retaining Rings - 3BM1
DIN 472(N) - 2017
Retaining Rings for Bores - Normal Type
DIN 472(H) - 2017
Retaining Rings for Bores - Heavy Type
DIN 984 - 2021
Retaining Rings with Lugs (Internal Circlips) for Use in Bores
GB / T 893(A) - 2017 Retaining Rings for Bores-Type A
GB / T 893(B) - 2017 Retaining Rings for Bores-Type B
JIS B 2804(CE-IN) - 2010 Internal Retaining Rings
NF E 22-165(N) - 1992
Spring Retaining Rings-Axially Mounted Circlips for Shafts Bores - Normal Type
UNI 7437 - 1975
Retaining Rings for Housing Bores - Normal Type
Check www.globalfastener.com for more data.

Radially Assembled Rings



DIN 6799 - 2017 Retaining Washers for Shafts
GB / T 896 - 2020 "E" Rings
JIS B 2804(ER) - 2010
Lock Washers (Retaining Washers for Shafts)
JIS B 2805 - 1978 Retaining Rings - E Type
UNI 7434 Retaining Rings for Shafts, Type E
Check www.globalfastener.com for more data.

Wire Retainers



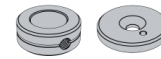
DIN 5417 - 2011
Securing Parts for Rolling Bearings - Snap Rings for Bearings with Ring Groove
DIN 73130(C) - 1989
Round Wire Snap Rings for Piston Pins - form C
DIN 7993(A) - 1970
Round Wire Snap Rings for Shaft - Type A for Shafts
DIN 7993(B) - 1970
Round Wire Snap Ring for Bores - Type B for Bores
DIN 9045 - 1974 Snap Rings
GB / T 305 - 2019 Rolling Bearings-Snap Ring
GB 895.1 - 1986 Round Wire Snap Rings for Hole
GB 895.2 - 1986 Round Wire Snap Rings for Shaft
GB 921 - 1986 Round Wire Circlips
JIS B 2804(CC-IN) - 2010
Flat Wire Stopper Ring for Holes
JIS B 2804(CC-EX) - 2010
Flat Wire Stopper Ring for Shafts
Check www.globalfastener.com for more data.

Bush / Shoulder Washers



DIN 2510-7(D / E) - 1971
Bolted Connections with Reduced Shank; Extension Sleeves
Check www.globalfastener.com for more data.

Rigid Retainer Rings



DIN 705 - 2007 Adjusting Rings
GB 884 - 1986 Lock Rings with Screws
GB 885 - 1986 Lock Rings with Screw and Circlip
GB 891 - 1986 Lock Rings at the End of Shaft with Screw
GB 892 - 1986 Lock Rings at the End of Shaft with Bolt
Check www.globalfastener.com for more data.

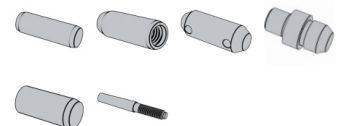


Split Pins



ASME B 18.8.1 - 2014 Split Pins
BS 1574 - 1994 Split Pins
DIN EN ISO 1234 - 1998 Split Pins
DIN 11024 - 1973 Spring Cotter Pins
DIN 94 - 1983 Split Pins
GB / T 4329 - 2001
Tractor and Machinery for Agriculture and Forestry-Linch Pins and Spring Pins (id ISO 7072:1993)
GB / T 91 - 2000 Split Pins
ISO 1234 - 1997 Split Pins
JIS B 1351 - 1987 Split Pins
KS B 1321 - 2000 Split Pins
NF E 25-774 - 1997 (R2002) Split Pins
UNI 1336 Split Pins (Cotter Pins)
Check www.globalfastener.com for more data.

Parallel Pins



ASME B 18.8.2 - 2020 Unhardened Ground Dowel Pins
ASME B 18.8.2 - 2020
Hardened Ground Machine Dowel Pins
ASME B 18.8.2 - 2020
Hardened Ground Production Dowel Pins
ASME B 18.8.2 - 2020
Chamfered and Square End Straight Pins
ANSI/ASME B 18.8.100M - 2000 (R2005)
Metric Hardened Ground Machine Dowel Pins
DIN EN ISO 2338 - 1998
Parallel Pins, of Unhardened Steel and Austenitic Stainless Steel
DIN EN ISO 8733 - 1998
Parallel Pins with Internal Thread-Unhardened Steel and Austenitic Stainless Steel
DIN EN ISO 8734 - 2019
Parallel Pins, of Hardened Steel and Martensitic Stainless Steel (Dowel Pins)
DIN EN ISO 8735 - 1998
Parallel Pins with Internal Thread of Hardened Steel and Martensitic Stainless Steel
DIN 1052 - 2008 Parallel Pins for Wood Structure
DIN 6325 - 1971 Parallel Pins
DIN 7 - 1981 Parallel Pins
DIN 7979 - 1977 Parallel Pins with Internal Thread
EN 22338 - 1992 Parallel Pins
EN 28735 - 1992
Hardened Parallel Pins with Internal Thread
GB / T 119.1 - 2000
Parallel Pins, of Unhardened Steel and Austenitic Stainless Steel
GB / T 119.2 - 2000
Parallel Pins, of Hardened Steel and Martensitic Stainless Steel(Dowel Pins)
GB / T 120.1 - 2000
Parallel Pins with Internal Thread, of Unhardened Steel and Austenitic Stainless Steel
GB / T 120.2 - 2000
Parallel Pins with Internal Thread, of Hardened Steel and Martensitic Stainless Steel

ISO 2338 - 1997

Parallel Pins, of Unhardened Steel and Austenitic Stainless Steel

ISO 8733 - 1997

Parallel Pins with Internal Thread, of Unhardened Steel and Austenitic Stainless Steel

ISO 8734 - 1997

Parallel Pins, of Hardened Steel and Martensitic Stainless Steel (Dowel Pins)

ISO 8735 - 1997

Parallel Pins with Internal Thread, of Hardened Steel and Martensitic Stainless Steel

JIS B 1354 - 2012 Parallel Pins**JIS B 1355 - 2012** Dowel Pins (Parallel Pins, Hardened)**JIS B 1359 - 2012**

Parallel Pins with Internal Thread of Class 1

KS B 1309 - 2000

Parallel Pins with Internal Thread, of Hardened Steel and Martensitic Stainless Steel

KS B 1310 - 2000 Parallel Pins**KS B 1320 - 2000** Parallel Pins, Unhardened**NF E 25-751 - 1997 (R2002)**

Parallel Pins, of Unhardened Steel and Austenitic Stainless Steel

NF E 25-755 - 1997 (R2005)

Parallel Pins with Internal Thread, of Unhardened Steel and Austenitic Stainless Steel

NF E 25-756 - 1997 (R2002)

Parallel Pins, of Hardened Steel and Martensitic Stainless Steel (Dowel Pins)

NF E 25-757 - 1997 (R2002)

Parallel Pins with Internal Thread, of Hardened Steel and Martensitic Stainless Steel

UNI 6364 Cylindrical PinsCheck www.globalfastener.com for more data.**Taper Pins****ASME B 18.8.2 - 2020** Taper Pins**ASME B 18.8.2 - 2000 (R2010)** Taper Pins [Table 1]**DIN EN 22339 - 1992** Taper Pins with Round End**DIN EN 28736 - 1992**

Unhardened Taper Pins with Internal Thread

DIN EN 28737 - 1992

Unhardened Taper Pins with External Thread

DIN 1 - 1981 Taper Pins with Round End**DIN 258 - 2012**

Taper Pins with Thread Ends and Constant Taper Lengths

DIN 7977 - 1986 Taper Pins with External Thread**DIN 7978 - 1977** Taper Pins with Internal Thread**EN 22339 - 1992** Taper Pins Unhardened**EN 28736 - 1992**

Taper Pins with Internal Thread, Unhardened

GB/T 117 - 2000 Taper Pins**GB/T 118 - 2000**

Taper Pins with Internal Thread - Type A and B

GB 877 - 1986 Taper Pins with Split**GB/T 881 - 2000** Taper Pins with External Thread**ISO 2339 - 1986** Taper Pins, Unhardened - Type A and B**ISO 8736 - 1986**

Taper Pins with Internal Thread, Unhardened

ISO 8737 - 1986

Taper Pins with External Thread, Unhardened

JIS B 1352 - 1988 Taper Pins**JIS B 1358 - 1990** Taper Pins with Dog Point and Ball Face**JIS B 1358 - 1990** Taper Pins with Internal Thread**KS B 1308 - 2000** Taper Pins with Thread**KS B 1308 - 2000** Taper Pins with Internal Thread**NF E 25-752 - 1992 (R2002)** Taper Pins, Unhardened**NF E 25-758 - 1992 (R2002)**

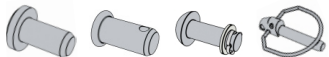
Taper Pins with Internal Thread, Unhardened

NF E 25-759 - 1992 (R2002)

Taper Pins with External Thread, Unhardened

UNI 129 Taper Pins, Unhardened**UNI 7285 - 1974**

Taper Pins with Thread and Constant Taper Length

Check www.globalfastener.com for more data.**Clevis Pins****ASME B 18.8.1 - 2014** Clevis Pins with Head**ANSI/ASME B 18.8.7M - 1994**

Metric Parallel Pins with Split Pin Hole

DIN EN 22341 - 1992 Clevis Pins with Head**DIN 1434 - 1977** Clevis Pins with Small Head; Finish M**EN 22341 - 1992** Clevis Pins with Head**GB/T 880 - 2008**

Clevis Pins without Head (Pins with Split Pin Hole)

GB/T 882 - 2008 Clevis Pin with Head - Type A and B**SAE J 493 - 1961** Clevis Pin**ISO 2340 - 1986** Clevis Pins Without Head - Type B**ISO 2340 - 1986** Clevis Pins Without Head - Type A**ISO 2341 - 1986** Clevis Pins with Head - Type A and B**NF E 25-753 - 1992 (R2002)** Clevis Pins Without Head**NF E 25-754 - 1992 (R2002)** Clevis Pins with HeadCheck www.globalfastener.com for more data.**Spring Pins****ASME B 18.8.2 - 2020** Coiled-Type Spring Pins**ASME B 18.8.2 - 2020** Slotted-Type Spring Pins**ANSI/ASME B 18.8.3M(S) - 1995**

Metric Coiled Spring Pins-Standard Duty

ANSI/ASME B 18.8.3M(L) - 1995

Spring-type Parallel Pins-Metric, Coiled, Light Duty

ANSI/ASME B 18.8.3M(H) - 1995

Coiled Spring Pins-Heavy Duty

ANSI/ASME B 18.8.4M - 1994

Metric Spring-Type Parallel Pins B

ANSI/ASME B 18.8.4M - 1994

Metric Spring-Type Parallel Pins A

IFI 512 - 1982 Metric Slotted Spring Pins**DIN EN ISO 13337 - 2009**

Spring - Type Straight Pins - Slotted, Light Duty

DIN EN ISO 8748 - 2007

Spring-Type Straight Pins - Coiled, Heavy Duty

DIN EN ISO 8750 - 2007

Spring-Type Straight Pins - Coiled, Standard Duty

DIN EN ISO 8751 - 2007

Spring-Type Straight Pins - Coiled, Light Duty

DIN EN ISO 8752 - 2009

Spring-Type Straight Pins - Slotted, Heavy Duty

DIN 1481 - 1978

Spring Type Straight Pins, Slotted, Heavy Type

DIN 7343 - 1969

Spring-type Parallel Pins-Coiled, Standard Duty

DIN 7344 - 1969 Spirol Pins, Heavy Duty**DIN 7346 - 1978**

Spring-Type Straight Pins (Roll Pins) - Light-weight Type

GB/T 879.1 - 2018

Spring-Type Straight Pins-Slotted, Heavy Duty

GB/T 879.2 - 2018

Spring-Type Straight Pins - Slotted - Light Duty

GB/T 879.3 - 2018

Spring-Type Straight Pins-Coiled, Heavy Duty

GB/T 879.4 - 2018

Spring-Type Straight Pins-Coiled, Standard Duty

GB/T 879.5 - 2018

Spring-Type Straight Pins-Coiled, Light Duty

ISO 13337 - 2009

Spring - Type Straight Pins - Slotted, Light Duty

ISO 8748 - 2007

Spring-Type Straight Pins-Coiled, Heavy Duty

ISO 8750 - 2007

Spring-Type Straight Pins-Coiled, Standard Duty

ISO 8751 - 2007

Spring-Type Straight Pins-Coiled, Light Duty

ISO 8752 - 2009

Spring-type Straight Pins - slotted, Heavy Duty

JIS B 2808 (Tooth type)

Tooth Slotted Spring Pins - Heavy Type

JIS B 2808 (CS) - 2013

Spring Pins, Coiled, Standard Duty

JIS B 2808 (CL) - 2013 Spring Pins, Coiled, Light Duty**JIS B 2808 (CH) - 2013** Spring Pins, Coiled, Heavy Duty**JIS B 2808 (GL) - 2013** Spring Pins, Slotted, Light Duty**JIS B 2808 (GS) - 2013**

Spring Pins, Slotted, Standard Duty

JIS B 2808 (GH) - 2013

Spring Pins, Slotted, Heavy Duty

JIS B 2808 (Tooth type)

Tooth Slotted Spring Pins - Light Type

KS B 1339 - 2000 Spring - Type Straight Pins**NF E 25-768 - 2007**

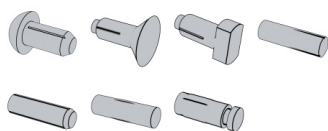
Spring - Type Straight Pins - Coiled, Heavy Duty

NF E 25-770 - 2007

Spring - Type Straight Pins - Coiled, Standard Duty

NF E 25-771 - 2007

Spring - Type Straight Pins - Coiled, Light Duty

UNI 6873 Spring Parallel PinsCheck www.globalfastener.com for more data.**Grooved Pins****ASME B 18.8.2 - 2020** Round Head Grooved Drive Studs**ASME B 18.8.2 - 2020** Grooved Pins - Type A**ASME B 18.8.2 - 2020** Grooved Pins - Type E**ASME B 18.8.2 - 2020** Grooved Pins - Type G**ASME B 18.8.2 - 2020** Grooved Pins - Type H**ASME B 18.8.2 - 2020** Grooved T-Head Cotter Pins**ASME B 18.8.2 - 2020** Grooved pins - Type F**DIN EN ISO 8739 - 1998**

Grooved Pin, Full Length Parallel Grooved with Pilot

DIN EN ISO 8740 - 1998

Grooved Pins, Full-Length Parallel Grooved, with Chamfer

DIN EN ISO 8741 - 1998

Grooved Pins - Half-length Reverse-taper Grooved

DIN EN ISO 8742 - 1998

Grooved Pins - 1/3 Length Centre Grooved

DIN EN ISO 8743 - 1998

Grooved Pins - Half-Length Centre Grooved

DIN EN ISO 8744 - 1998

Grooved Pins - Full-Length Taper Grooved

DIN EN ISO 8745 - 1998

Grooved Pins, Half-Length Taper Grooved

DIN EN ISO 8746 - 1998

Grooved Pins with Round Head

DIN EN ISO 8747 - 1998

Grooved Pins with Countersunk Head

DIN 1469 - 2012

Grooved Pins, Half Length Grooved with Gorge

DIN 1470 - 1978

Grooved Pin, Full Length Parallel Grooved with Pilot

DIN 1471 - 1978

Grooved pins, Full Length Taper Grooved

DIN 1472 - 1978

Grooved Pins, Half Length Taper Grooved

DIN 1473 - 1978

Grooved Pins, Full Length Parallel Grooved with Chamfer

DIN 1474 - 1978

Grooved Pins-Half-length Reverse-taper Grooved

DIN 1475 - 1978

Grooved Pins - 1/3 Length Centre Grooved

DIN 1476 - 1978 Round Head Grooved Pins**DIN 1477 - 1978** Countersunk Head Grooved Pins**GB/T 13829.1 - 2004**

Grooved Pin, Full Length Parallel Grooved with Pilot

GB/T 13829.2 - 2004

Grooved Pin, Full Length Parallel Grooved with Chamfer

GB/T 13829.3 - 2004

Grooved Pins-One-third-length Centre Grooved

GB/T 13829.4 - 2004

Grooved Pins - Half-Length Centre Grooved

GB/T 13829.5 - 2004

Grooved Pins-Full-length Taper Grooved

GB/T 13829.6 - 2004

Grooved Pins - Half-Length Taper Grooved

GB/T 13829.7 - 2004

Grooved Pins-Half-length Reverse-taper Grooved

GB/T 13829.8 - 2004 Grooved Pins with Round Head**GB/T 13829.9 - 2004**

Grooved Pins with Countersunk Head

ISO 8739 - 1997

Grooved Pins-Full-Length Parallel Grooved, with Pilot

ISO 8740 - 1997

Grooved Pins-Full-Length Parallel Grooved, with Chamfer

ISO 8741 - 1997

Grooved Pins-Half-Length Reverse-Taper Grooved

ISO 8742 - 1997

Grooved Pins-One-Third-Length Centre Grooved

ISO 8743 - 1997

Grooved Pins-Half-Length Centre Grooved

ISO 8744 - 1997 Grooved Pins-Full-Length Taper Grooved**ISO 8745 - 1997** Grooved Pins-Half-Length Taper Grooved**ISO 8746 - 1997** Grooved Pins with Round Head**ISO 8747 - 1997**

Grooved Pins with Countersunk Head-A and B Style

NF E 25-750 - 1997

Grooved Pins. Half Length Centre Grooved

NF E 25-761 - 1997

Grooved Pins — Full-length Parallel Grooved, with Pilot

NF E 25-762 - 1997

Grooved Pins. Half-Length Reverse-Taper Grooved

NF E 25-763 - 1997 (R2002)

Grooved Pins. One-Third-Length Centre Grooved

NF E 25-764 - 1997 (R2002)

Grooved Pins-Full-Length Taper Grooved

NF E 25-765 - 1997

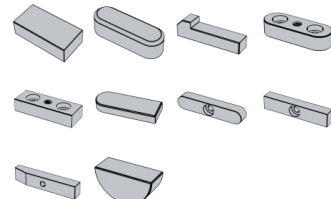
Grooved Pins - Half-Length Taper Grooved

NF E 25-766 - 1997 Grooved Pins with Round Head**NF E 25-767 - 1997**

Grooved Pins with Countersunk Head

NF E 25-772 - 1997 (R2002)

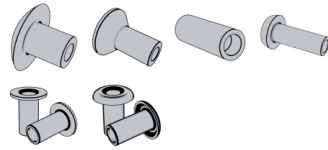
Grooved Pins. Full Length Parallel Grooved, with Chamfer

Check www.globalfastener.com for more data.**Keys****ANSI/ASME B 18.25.2**

ANSI B 18.1.1 - 1972 (R2016) Flat Head Rivets [Table 1]
ANSI B 18.1.2 - 1972 (R2016)
 Pan Head Rivets (Manufactured Shape) [Table 6]
ANSI B 18.1.2 - 1972 (R2016)
 Oval Countersunk Head Rivets (Manufactured Shape) [Table 5]
ANSI B 18.1.2 - 1972 (R2016)
 Flat Countersunk Head Rivets (Manufactured Shape) [Table 4]
ANSI B 18.1.2 - 1972 (R2016)
 Cone Head Rivets (Manufactured Shape) [Table 3]
ANSI B 18.1.2 - 1972 (R2016)
 High Button Head (Acorn) Rivets, (Manufactured Shape) [Table 2]
ANSI B 18.1.2 - 1972 (R2016)
 Button Head Rivets (Manufactured Shape) [Table 1]
ANSI/ASME B 18.1.3M - 1983 (R2006)
 Metric Flat Head Rivets [Table 3]
ANSI/ASME B 18.1.3M - 1983 (R2006)
 Metric Round Head Rivets [Table 4]
ANSI/ASME B 18.1.3M - 1983 (R2006)
 Metric Flat Countersunk Head Rivets [Table 5]
BS 4620 - 1970 Metric Cold Forged Universal Head Rivets
BS 4620 - 1970
 Metric Cold Forged 90° Countersunk Head Rivets
BS 4620 - 1970
 Metric Hot Forged 60° oval Countersunk Head Rivets-Black
BS 4620 - 1970 Metric Hot Forged Universal Head Rivets
BS 4620 - 1970 Metric Cold Forged Snap Head Rivets
BS 4620 - 1970 Metric Cold Forged Flat Head Rivets
BS 4620 - 1970 Metric Hot Forged Snap Head Rivets
DIN 124 - 2011
 Steel Round Head Rivets (Nominal Diameters from 10 mm to 36 mm)
DIN 302 - 2011
 Steel Countersunk Head Rivets, with Nominal Diameters from 10 to 36 mm
DIN 660 - 2012
 Round Head Rivets with Nominal Diameters from 1 to 8 mm
DIN 661 - 2011
 Countersunk Head Rivets (with Nominal Diameters from 1 to 8 mm)
DIN 662 - 2011
 Mushroom Head Rivets - Nominal Diameters from 1.6 to 6 mm
DIN 674 - 2011
 Flat Round Head Rivets - Nominal Diameters 1.4 mm to 6 mm
DIN 675 - 2011
 Flat Countersunk Head Rivets - Nominal Diameters from 3 to 5 mm
DIN 7338(A) - 2011
 Brake and Clutch Lining Rivets, form A
GB 1011 - 1986 Truss Head Rivets
GB 1012 - 1986 120° Degree Oval Countersunk Rivets
GB 109 - 1986 Flat Head Rivets
GB 827 - 1986 Rivets for Name Plate
GB 863.1 - 1986 Round Head Rivets-Black
GB 863.2 - 1986
 Round Head Rivets with Small Head-Black
GB 864 - 1986 Cone Head Rivets-Black
GB 865 - 1986 Countersunk Head Rivets-Black
GB 866 - 1986 Oval Countersunk Head Rivets-Black
GB 867 - 1986 Round Head Rivets
GB 868 - 1986 Cone Head Rivets
GB 869 - 1986 Countersunk Head Rivets
GB 870 - 1986 Oval Countersunk Head Rivets
GB 871 - 1986 Flat Round Head Rivets
GB 872 - 1986 Thin Head Rivets
GB 954 - 1986 120° Degree Countersunk Head Rivets
SAE J 492 - 1968 Button Head Rivets
SAE J 492 - 1968 Flat Head Rivets
SAE J 492 - 1968 Flat Round Head Rivet
SAE J 492 - 1968 Pan Head Rivets
SAE J 492 - 1968 Flat Countersunk Head Rivets
JIS B 1213 - 1995 Flat Head Rivets
JIS B 1213 - 1995
 Countersunk Head Cold-Striking Solid Rivets
JIS B 1213 - 1995 Pan Head Rivets
JIS B 1213 - 1995 Round Head Solid Rivets
JIS B 1214 - 1995 Round Head Rivets for Boilers
JIS B 1214 - 1995 Raised Countersunk Head Rivets
JIS B 1214 - 1995
 Raised Countersunk Head Rivets for Boilers
JIS B 1214 - 1995
 Raised Countersunk Head Rivets for Ships
JIS B 1214 - 1995 Countersunk Head Hot Solid Rivets
JIS B 1214 - 1995 Round Head Rivets
JIS B 1214 - 1995 Cheese Head Rivets

Check www.globalfastener.com for more data.

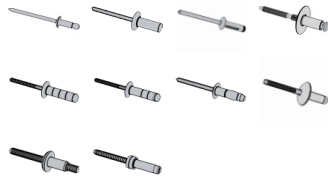
Tubular / Semi-Tubular Rivets



ASME B 18.7 - 2007 (R2017) Oval Head Split Rivets
ASME B 18.7 - 2007 (R2017)
 Oval Head Semi-tubular Rivets
ASME B 18.7 - 2007 (R2017)
 Flat Countersunk Head Split Rivets
ANSI/ASME B 18.7.1M - 1984 (R2012)
 Metric General Purpose Semi-tubular Rivets
BS 3575 - 1963
 150 Degree Countersunk Head Semi-Tubular Rivets
 For Break Pad
BS 4894 - 1993 Metric Bifurcated Rivets with Oval Head
BS 4894 - 1993
 Metric Bifurcated Rivets with Countersunk Head
DIN 6434 - 1984 Rivet Sets
DIN 6791 - 2012
 Semitubular Pan Head Rivets - Nominal Diameters 1.6 to 10 mm
DIN 6792 - 2012
 Semi-Tubular Countersunk Head Rivets - Nominal Diameters 1.6 mm to 10 mm
DIN 7338(B) - 2011
 Brake and Clutch Lining Rivets, Semitubular Rivet
DIN 7338(C) - 2011
 Brake and Clutch Lining Rivets, Tubular Rivet
DIN 7339 - 2011
 Hollow Rivets, One Piece, Drawn from Strip
DIN 7340 - 2011 Tubular Rivets Cut from The Tube
DIN 7341 - 1977 Rivet Pins
GB 1013 - 1986 Cone Head Semi-Tubular Rivets
GB 1014 - 1986 Truss Head Semi-Tubular Rivets
GB 1015 - 1986 Countersunk Head Semi-Tubular Rivets
GB 1016 - 1986 Headless Rivets
GB 873 - 1986 Oval Head Semi-Tubular Rivets
GB 874 - 1986
 120 Degree Countersunk Head Semi-Tubular Rivets
GB 875 - 1986 Thin Head Semi-Tubular Rivets
GB 876 - 1986 Tubular Rivet
GB 975 - 1986 Pipe Type Rivets
SAE J 492 - 1968
 90° Countersunk Head Semitubular Rivets
SAE J 492 - 1968
 120° Countersunk Head Semitubular Rivets
SAE J 492 - 1968 Truss Head Semitubular Rivets
SAE J 492 - 1968 Flat Head Semitubular Rivets
SAE J 492 - 1968 Oval Head Semitubular Rivets
JIS B 1215 - 1976 Countersunk Head Semi-Tubular Rivets
JIS B 1215 - 1976 Round Head Semi-Tubular Rivets
JIS B 1215 - 1976
 Small Round Head Semi - Tubular Rivets
JIS B 1215 - 1976
 Large Mushroom Head Semi-Tubular Rivets
JIS B 1215 - 1976 Flat Head Semi - Tubular Rivets

Check www.globalfastener.com for more data.

Blind Rivets



ANSI/ASME B 18.30.1M - 2000 (R2005)
 100° and 120° Countersunk Head Style Break Mandrel Blind Rivets (Metric series)
ANSI/ASME B 18.30.1M - 2000 (R2005)
 Regular and Large Protruding Head Style Break Mandrel Blind Rivets (Metric Series) [Table 1]
IFI 114 - 1986
 100 Deg and 120 Deg Flust Head Style Break Mandrel Blind Rivets
IFI 114 - 1986
 Regular and Large Protruding Head Style Break Mandrel Blind Rivets
IFI 117 - 2003
 100 Deg Countersunk Head Pull Through Mandrel Blind Rivets

IFI 117 - 2003
 Regular and Large Dome Head Pull Through Mandrel Blind Rivets
IFI 119 - 2003 100
 Deg and 120 Deg Countersunk Headstyle Structural Flush Break Pull Mandrel Self-Plugging Blind Rivets
IFI 119 - 2003
 Regular and Large Dome Head Style Structural Flush Break Pull Mandrel Self-Plugging Blind Rivets
IFI 126 - 2003
 120 Deg Countersunk Head Style Break Mandrel Closed End Blind Rivets
IFI 126 - 2003
 Dome Head Style Break Mandrel Closed End Blind Rivets
IFI 130 - 2003
 Regular and Large Head Structural Splitting Self-Plugging Pull Mandrel Blind Rivets
IFI 130 - 2003
 100 Deg Countersunk Head Structural Splitting Self-Plugging Pull Mandrel Blind Rivets
IFI 134 - 2003
 100 Deg Countersunk Head Multi-Grip Flush Break Pull Mandrel Self-Plugging Blind Rivets
IFI 134 - 2003
 Regular and Large Multi-Grip Dome Head Flush Break Pull Mandrel Self-Plugging Blind Rivets
IFI 505 - 1999
 Metric Flat Countersunk Break Mandrel Blind Rivets
IFI 505 - 1999
 Metric Mushroom Head Break Mandrel Blind Rivets
IFI 509 - 1999
 Metric Mushroom Head Break Mandrel Closed End Blind Rivets
IFI 509 - 1999
 Metric 120 Deg Flush Head Style Break Mandrel Closed End Blind Rivets
IFI 520 - 1999
 Metric 100 Deg Flush Head or Countersunk Head Pull Through Mandrel Blind Rivets
IFI 520 - 1999
 Metric Regular and Large Protruding Head Pull Through Mandrel Blind Rivets
IFI 530 - 1999
 Metric Regular and Large Head Metric Structural Splitting Self-plugging Pull Mandrel Blind Rivets
IFI 530 - 1999
 Metric 100 Deg Flush Head Structural Splitting Self-plugging Mandrel Blind Rivets
IFI 551 - 1999
 Metric 100 and 120 Deg Flush Head Style Structural Flush Break Pull Mandrel Self-Plugging Blind Rivets
IFI 551 - 1999
 Metric Regular and Large Protruding Head Style Structural Flush Break Pull Mandrel Self-Plugging Blind Rivets
IFI 552 - 1999
 Metric 100 Deg Flush Head Multi-Grip Flush Break Pull Mandrel Self-Plugging Blind Rivets
IFI 552 - 1999
 Metric Regular and Large Multi-Grip Protruding Head Flush Break Pull Mandrel Self-Plugging Blind Rivets
DIN EN ISO 15973 - 2001
 Closed End Blind Rivets with Break Pull Mandrel and Protruding Head - A/A/St
DIN EN ISO 15974 - 2001
 Closed End Blind Rivets with Break Pull Mandrel and Countersunk Head - A/A/St
DIN EN ISO 15977 - 2011
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head - A/A/St
DIN EN ISO 15978 - 2003
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - A/A/St
DIN EN ISO 15979 - 2003
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head - St/St
DIN EN ISO 15980 - 2003
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - St/St
DIN EN ISO 15981 - 2003
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head - A/A/AIA
DIN EN ISO 15982 - 2003
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - A/A/AIA
DIN EN ISO 15983 - 2003
 100 Deg and 120 Deg Flust Head Style Break Mandrel and Protruding Head - A2/A2
DIN EN ISO 15984 - 2003
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - A2/A2
DIN EN ISO 16582 - 2003
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head - Cu/St or Cu/Br or Cu/SSt

DIN EN ISO 16583 - 2003
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - Cu/St or Cu/Br or Cu/SSt
DIN EN ISO 16584 - 2003
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head - NiCu/St or NiCu/SSt
DIN EN ISO 16585 - 2003
 Closed End Blind Rivets with Pull Mandrel and Protruding Head - A2/SSt
DIN 7337(B) - 1991
 Break Mandrel Blind Rivets, Countersunk Head
DIN 7337(A) - 1991
 Break Mandrel Blind Rivets, Flat Head
GB/T 12615.1 - 2004
 Closed End Blind Rivets with Break Pull Mandrel and Protruding Head - Property Class 11 - A/A/St
GB/T 12615.2 - 2004
 Closed End Blind Rivets with Break Pull Mandrel and Protruding Head - Property Class 30 - St / St
GB/T 12615.3 - 2004
 Closed End Blind Rivets with Break Pull Mandrel and Protruding Head - Property Class 06 - A/A/AIA
GB/T 12615.4 - 2004
 Closed End Blind Rivets with Break Pull Mandrel and Protruding Head - Property Class 51 - A2/SSt
GB 12616 - 1990
 120 Deg Flush Head Break Mandrel Closed and Blind Rivets
GB/T 12616.1 - 2004
 Closed End Blind Rivets with Break Pull Mandrel and Countersunk Head-Property Class 11
GB 12617 - 1990
 120 Deg Flush Head Break Mandrel Blind Rivets
GB/T 12617.1 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head-Property Class 10, 11
GB/T 12617.2 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head-Property Class 30
GB/T 12617.3 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head-Property Class 12
GB/T 12617.4 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head-Property Class 51
GB/T 12617.5 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head-Property Class 20,21,22
GB/T 12618.1 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head--Property Class 10,11
GB/T 12618.2 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head-Property Class 30
GB/T 12618.3 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head-Property Class 12
GB/T 12618.4 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head--Property Class 51
GB/T 12618.5 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head-Property Class 20,21,22
GB/T 12618.6 - 2006
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head-Property Class 40,41
ISO 15973 - 2000
 Closed End Blind Rivets with Break Pull Mandrel and Protruding Head - A/A/St
ISO 15974 - 2000
 Closed End Blind Rivets with Break Pull Mandrel and Countersunk Head - A/A/St
ISO 15975 - 2002
 Closed End Bling Rivets with Break Pull Mandrel and Protruding Head - A/A/AIA
ISO 15976 - 2002
 Closed End Blind Rivets with Break Pull Mandrel and Protruding Head - St/St
ISO 15977 - 2002
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head - A/A/St
ISO 15978 - 2002
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - A/A/St
ISO 15979 - 2002
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head - St/St
ISO 15980 - 2002
 Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - St/St
ISO 15981 - 2002
 Open End Blind Rivets with Break Pull Mandrel and Protruding Head - A/A/AIA

ISO 15982 - 2002

Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - A/A/AIA

ISO 15983 - 2002

Open End Blind Rivets with Break Pull Mandrel and Protruding Head - A2/A2

ISO 15984 - 2002

Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - A2/A2

ISO 16582 - 2002

Open End Blind Rivets with Break Pull Mandrel and Protruding Head - Cu/St Or Cu/Br Or Cu/SSt

ISO 16583 - 2002

Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - Cu/St or Cu/Br or Cu/SSt

ISO 16584 - 2002

Open End Blind Rivets with Break Pull Mandrel and Protruding Head - NiCu/St or NiCu/SSt

ISO 16585 - 2002

Closed End Blind Rivets with Pull Mandrel and Protruding Head - A2/SSt

NF E 25-710 - 2001

Closed End Blind Rivets with Break Pull Mandrel and Protruding Head - A/A/St

NF E 25-711 - 2001

Closed End Blind Rivets with Break Pull Mandrel and Countersunk Head - A/A/St

NF E 25-712 - 2003

Closed End Blind Rivets with Break Pull Mandrel and Protruding Head - A/A/AIA

NF E 25-713 - 2003

Closed End Blind Rivets with Break Pull Mandrel and Protruding Head - St/St

NF E 25-714 - 2003

Open End Blind Rivets with Break Pull Mandrel and Protruding Head - A/A/St

NF E 25-715 - 2003

Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - A/A/St

NF E 25-716 - 2003

Open End Blind Rivets with Break Pull Mandrel and Protruding Head - St/St

NF E 25-717 - 2003

Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - St/St

NF E 25-718 - 2003

Open End Blind Rivets with Break Pull Mandrel and Protruding Head - A/A/AIA

NF E 25-719 - 2003

Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - A/A/AIA

NF E 25-720 - 2003

Open End Blind Rivets with Break Pull Mandrel and Protruding Head - A2/A2

NF E 25-721 - 2003

Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - A2/A2

NF E 25-722 - 2003

Open End Blind Rivets with Break Pull Mandrel and Protruding Head - Cu/St Or Cu/Br or Cu/SSt

NF E 25-723 - 2003

Open End Blind Rivets with Break Pull Mandrel and Countersunk Head - Cu/St or Cu/Br or Cu/SSt

NF E 25-724 - 2003

Open End Blind Rivets with Break Pull Mandrel and Protruding Head - NiCu/St or NiCu/SSt

NF E 25-725 - 2003

Closed End Blind Rivets with Pull Mandrel and Protruding Head - A2/SSt

UNI 9200(B) - 1994

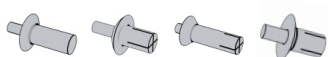
Open End Blind Rivets with Break Pull Mandrel and Countersunk Head

UNI 9200(A) - 1994

Open End Blind Rivets with Break Pull Mandrel and Protruding Head

Check www.globalfastener.com for more data.

Drive Rivets



IFI 123 - 2003 Countersunk Head Drive Pin Blind Rivets

IFI 123 - 2003 Dome Head Drive Pin Blind Rivets

IFI 521 - 1982

Metric Type 2B 100 Deg Flush Head Structural Self Plugging Pull Mandrel Blind Rivets

IFI 521 - 1982

Metric Type 2B Protruding Head Structural Self Plugging Pull Mandrel Blind Rivets

IFI 553 - 1999

Protruding Head Metric Drive Pin Blind Rivets

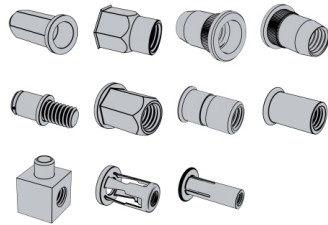
IFI 553 - 1999 Flush Head Metric Drive Pin Blind Rivets

GB / T 15855.1 - 1995 Flat Round Head Drive Rivets

GB / T 15855.2 - 1995 Countersunk Head Drive Rivets

Check www.globalfastener.com for more data.

Rivet Nuts Screws



GB / T 17880.1 - 1999 Flat Head Riveted Nuts

GB / T 17880.2 - 1999

90° Countersunk Head Riveted Nuts

GB / T 17880.3 - 1999

90° Small Countersunk Head Riveted Nuts

GB / T 17880.4 - 1999

120° Small Countersunk Head Riveted Nuts

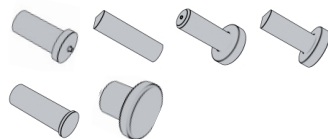
GB / T 17880.5 - 1999 Flat Head Hexagon Riveted Nuts

UNI 9201 - 1988 Flat Head Riveted Nuts

Check www.globalfastener.com for more data.

Welds

Weld Pins



DIN 32500(-2) - 1991

Studs for Drawn Arc Stud Welding - Unthreaded Studs, Ferrules (Z)

DIN 32501(-1) - 1991

Studs for Stud Welding with Tip Ignition; Threaded Bolt

DIN 32501(SA) - 1991

Studs for Stud Welding with Tip Ignition; Unthreaded Studs

GB 10432 - 1989 Headless Studs for Stud Welding

GB / T 10432.2 - 2016

Unthreaded Stud for Short-Cycle Drawn Arc Stud Welding

GB / T 10432.3 - 2010

Unthreaded Studs for Capacitor Discharge Welding - UT Type

GB / T 10433 - 2002

Cheese Head Studs for Arc Stud Welding

ISO 13918(SD) - 2017

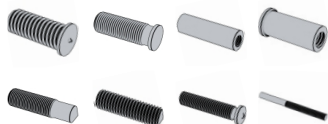
Arc Stud Welding - Shear Connector - Type SD

JIS B 1198 - 2011

Cheese Head Studs for Arc Stud Welding

Check www.globalfastener.com for more data.

Weld Studs



DIN 32500(-5) 1991

Studs for Drawn Arc Stud Welding - Threaded Studs with Shoulder, Short Cycle Processes, GK

DIN 34828 - 2005 Welding Studs for Turnbuckles

DIN 525 - 2009 Weld studs

GB / T 902.1 - 2008 Weld Studs for Manual Welding

GB / T 902.2(PD) - 2010

Threaded Studs for Drawn Arc Stud Welding with Ceramic Ferrule-PD Style

GB / T 902.2(RD) - 2010

Threaded Studs for Drawn Arc Stud Welding with Ceramic Ferrule-RD Type

GB / T 902.3(PT) - 2008

Weld Studs for Capacitor Discharge Welding - Type PT

ISO 13918(MD) - 2017

Arc Stud Welding - Virtually Fully - Threaded Stud - Type MD

ISO 13918(PD) - 2017

Arc Stud Welding - Partially Threaded Stud - Type PD

ISO 13918(RD) - 2017

Arc Stud Welding - Threaded Stud with Reduced Shaft - Type RD

ISO 13918(UD) - 2017

Arc Stud Welding - Unthreaded Stud - Type UD

ISO 13918(ID) - 2017

Arc Stud Welding - Stud with Internal Thread - Type ID

ISO 13918(PS) - 2017

Short-cycle Drawn Arc Stud Welding - Threaded Stud with Flange - Type PS

ISO 13918(PT) - 2017

Stud Welding with Tip Ignition - Threaded Stud - Type PT

ISO 13918(UT) - 2017

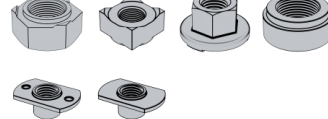
Stud Welding with Tip Ignition - Unthreaded Stud - Type UT

ISO 13918(IT) - 2017

Stud Welding with Tip Ignition - Stud with Internal Thread - Type IT

Check www.globalfastener.com for more data.

Weld Nuts



BS 7670-1 - 1993

Hex Nuts for Resistance Projection Welding [Table 4]

BS 7670-1 - 1993

Square Nuts for Resistance Projection Welding [Table 3]

DIN 928 - 2013 Square Weld Nuts

DIN 929 - 2013 Hexagon Weld Nuts

GB / T 13680 - 1992 Square Weld Nuts

GB / T 13681 - 1992 Hexagon Weld Nuts

GB / T 13681.2 - 2017 Hexagon Weld Nuts with Flange

GB / T 902.2(ID) - 2010

Threaded studs for drawn arc stud welding with ceramic ferrule - ID type

GB / T 902.4(IS) - 2010

Threaded Studs with Flange for Short-Cycle Drawn Arc Stud Welding - IS Type Internal Screw Stud

ISO 21670 - 2014 Hexagon Weld Nuts with Flange

JIS B 1196(H 1F) - 2010 Hexagon Weld Nut - Type 1F

JIS B 1196(IC/1D) - 2010

Square Weld Nut - Type 1C and Type 1D

JIS B 1196(H 1A/1B) - 2010

Hexagon Weld Nut - Type 1A and Type 1B

JIS B 1196(T 2A/2B) - 2010

T-Style Weld Nut - Type 2A and 2B

JIS B 1196(T 1A/1B) - 2010

T-Style Weld Nuts - Type 1A and 1B

JIS B 1200 - 2018 Hexagon Weld Nuts with Flange

KS B 1058 - 2001 T-Style Weld Nuts - Type 2A and 2B

KS B 1058 - 2001 Hexagon Weld Nuts - Type 1A

KS B 1058 - 2001 Hexagon Weld Nuts - Type 1F

KS B 1058 - 2001 Weld Nuts - T-Style

KS B 1058 - 2001 Weld Square Nuts - Type 1C and 1D

NF E 25-430 - 2004 Weld Hexagon Nuts with Flange

Check www.globalfastener.com for more data.

Weld Screws



IFI 148(U3) - 2002 Type U3 Projection Weld Studs

IFI 148(UR) - 2002 Type UR Projection Weld Studs

IFI 148(UC4) - 2002 Type UC4 Projection Weld Studs

IFI 148(T3) - 2002 Type T3 Projection Weld Studs

IFI 148(US3) - 2002

Heavy Duty Type US3 Projection Welding Studs

IFI 148(TC4) - 2002

Flat Round Head with Rings on Undertake Surface Welding Screws

IFI 148(TUS3) - 2002 Type TUS3 Projection Weld Studs

IFI 148(TD) - 2002 Type TD Projection Weld Studs

BS 7670-1 - 1993

Screws for Resistance Projection Welding [Table 1]

DIN 34817 - 2017 Weld Screws with Metric Thread

GB / T 10432.1 - 2010

Unthreaded Studs for Drawn Arc Stud Welding with Ceramic Ferrule - UD Type

GB / T 902.4(PS) - 2010

Threaded Studs with Flange for Short-cycle Drawn Arc Stud Welding - PS Type Threaded Stud with Flanged

JIS B 1195 - 2009 Flat Round Head Weld Bolts

KS B 1057 - 2001 Flat Round Head Weld Screws

Check www.globalfastener.com for more data.

Nails

Steel Nails



DIN 18182-2(R/G) - 2010

Accessories for Use with Gypsum Plasterboards - Nails

GB 27704(I) - 2011 Coil Nail

GB 27704(A) - 2011 Nails

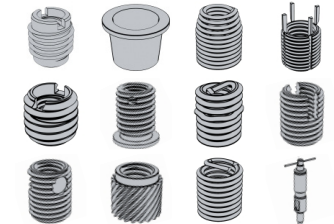
GB 27704(B) - 2011 Floor Nails

GB 27704(D) - 2011 Pallet Nails

Check www.globalfastener.com for more data.

Tools

Wire Thread Inserts & Special Tools



ANS/ASME B 18.29.1 - 1993

Motor-driven Installation Tools for Wire Thread Insert

ANS/ASME B 18.29.1 - 1993

Wire Thread Insert with UNC Thread-Lock Type

ANS/ASME B 18.29.1 - 1993

Special Tap for Wire Thread Insert with UNF Thread

ANS/ASME B 18.29.1 - 1993

Wire Thread Insert with UNF Thread-Lock Type

DIN 7965 - 1965 Screwed Inserts (Screw Plugs)

DIN 8140-1 - 2022

Wire Thread Inserts for ISO Metric Screw Threads - Part 1: Dimensions, Technical Specifications

EN 2944 - 2018

Aerospace Series-Inserts, Screw Thread, Helical Coil, Self-Locking, in Corrosion Resisting Steel FE-PA3004

EN 3542 - 2018

Aerospace Series-Inserts, Screw Thread, Helical Coil, Self-Locking, in Heat Resisting Nickel Base Alloy NI-PH2801 (Inconel X750)

GB / T 24425.1 - 2009

General Type Wire Thread Inserts - Coarse Thread

GB / T 24425.1 - 2009

General Type Wire Thread Inserts - Fine Thread

GB / T 24425.2 - 2009

General Type Wire Thread Inserts for Blind Hole

GB / T 24425.3 - 2009

Prevailing Torque Type Wire Thread Inserts - Coarse Thread

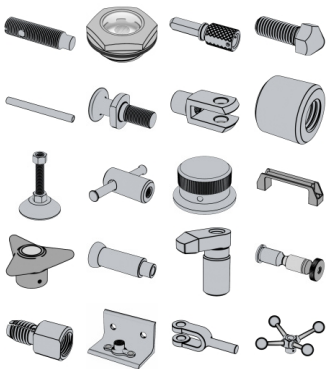
GB / T 24425.3 -

Spanners & wrenches



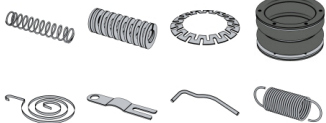
ANSI B 18.3.2M - 1979 (R2003) Metric Hexagon Keys
ASME B 18.3 - 2012 Hexagon Keys
BS 2470 - 1973 Hexagon Keys
DIN ISO 2936 - 2016 Hexagon Socket Screw Keys
DIN 65253 - 2002
L-wrench for Screws with Internal Serration
DIN 6911 - 1986 Hexagon Socket Screw Keys with Pilot
DIN 911 - 1987 Hexagon Keys
ISO 2936 - 2014
Assembly Tools for Screws and Nuts —Hexagon Socket
Screw Keys
JIS B 4648 - 2008 Hexagon Socket Screws Key
UNI 6753 Hexagon Keys for Socket Hex Screws
Check www.globalfastener.com for more data.

Parts and Units of Mechanical systems



DIN 71752 - 1994 Fork Heads
Check www.globalfastener.com for more data.

Spring



DIN 2093(A) - 2013 Disc Springs - Series A
DIN 2093(B) - 2013 Conical Spring Washers- Series B
DIN 2093(C) - 2013 Disc Spring Washers-Series C
DIN 9025(S) Dish Spring Safe Washers S-style
DIN 9025(VS) Dish Spring safe washers VS-style
GB/T 1972(A) - 2005 Disc Spring-A Style
GB/T 1972(B) - 2005 Disc Spring-B Style
GB/T 1972(C) - 2005 Disc Spring-C Style
NFE 25-511 - 1984
Conical Knurled Spring Washers, Symbol CS
UNI 8737 Coned-Disc (or Belleville) Springs
Check www.globalfastener.com for more data.

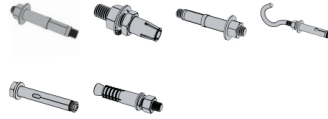
Anchors

Drop in Anchors & Cut Anchors



GB/T 22795(NP) - 2008 Drop in Expansion Anchor Bolts
GB/T 22795(WP) - 2008
External Force Expansion Anchor Bolts
Check www.globalfastener.com for more data.

Sleeve Anchors



GB/T 22795(TGQ) - 2008
Sleeve Enhanced Type Expansion Anchor Bolts
GB/T 22795(TG) - 2008
Sleeve Type Expansion Anchor Bolts
GB/T 22795(ZM) - 2008
Conical Cap Expansion Bolt (ZM)
GB/T 22795(STG) - 2008
Double Casing Expansion Bolts (STG)
Check www.globalfastener.com for more data.

Hit Anchors



GB/T 22795(JD) - 2008
Nail-Hitting Expansion Anchor Bolts
Check www.globalfastener.com for more data.

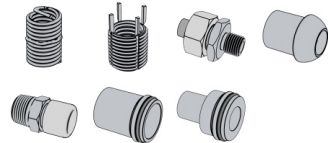
Wedge Anchors



GB/T 22795(LG) - 2008
Screw Type Expansion Anchor Bolts
Check www.globalfastener.com for more data.

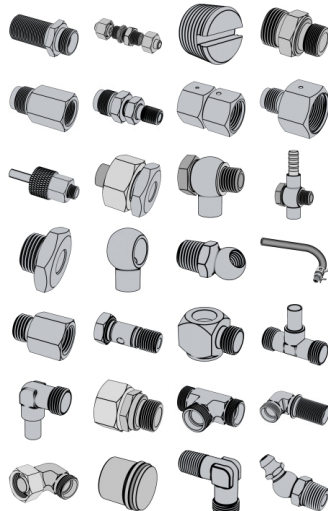
Rings, Bushes, Fittings, Collars

Ferrules, Threaded Collars



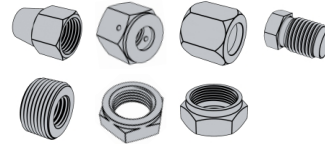
ISO 8434-1(SWOE) - 2018
Swivel Elbow with O-ring Sealing
Check www.globalfastener.com for more data.

Connectors



GB/T 3737 - 2008 24° Cone connectors - Union
GB/T 3746 - 2008 24° Cone Connectors - Union Cross
GB/T 3748 - 2008 24° Cone Connectors - Bulkhead Union
GB/T 3756 - 2008
24° Cone Connectors - Swivel Stud Straight Adapter with
O-ring with Shud End
GB/T 5626 - 2008 Flared Couplings - Male
GB/T 5650 - 2008 Flared Couplings - Inverted Flare Bolts
ISO 8434-1(SDS-E-M) - 2018
Stud Connectors with Stud end with Elastomeric Sealing
ISO 8434-1(SDS-E-I) - 2018
Stud Connectors with Stud end with Elastomeric Sealing
Check www.globalfastener.com for more data.

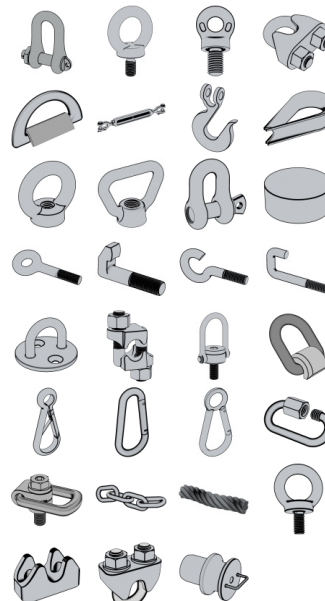
Connector Nuts



GB/T 5648 - 2008 Flared Couplings - Style B Nut
ISO 8434-1(N) - 2018 Tube Nut
Check www.globalfastener.com for more data.

Clamps, Rigging

Lifting / Rigging



ASME B 18.31.5(EOA) - 2011
Eyebolts, Open Anchor Ring
ANSI/ASME B 18.15 - 1985 (R1995)
Type 1, Style A and B Plain Pattern (Straight Shank)
Eyebolts [Table 1]
ANSI/ASME B 18.15 - 1985 (R1995)
Type 2, Styles A and B Shoulder Pattern Eyebolt [Table 2]
IFI 136(J-Bolts) J-Bolts, Offset Round Bend
BS 4278 - 1984 Collar Eyebolt
BS 4278 - 1984 Dynamo Eyebolt
BS 4278 - 1984 Eyebolt with Link
DIN 1480 - 2005 Forged Turnbuckles, (Open Type)
DIN 5299(C) - 1980
Snap Hook Round Wire and Forged - Form C
DIN 5299(E) - 1980
Snap Hook Round Wire and Forged - Form E
DIN 5299(D) - 1980
Snap Hook Round Wire and Forged - Form D
DIN 5299(B) - 1980
Snap Hook Round Wire and Forged - Form B
DIN 580 - 2018 Lifting Eye Bolts
DIN 582 - 2018 Lifting Eye Nuts
DIN 741 - 1972 Wire Rope Clamps for Cable End Connections
DIN 82101 - 2005
Components for Lifting, Towing, Lashing—Shackle, Dee-
Non-alloy Quality Steels

DIN 82103 - 1987

Components for Lifting, Towing, Lashing—Shackle, Bow-
Stainless Steels
EN 13411-5(A1) - 2003 U-Bolt Wire Rope Grips
GB 63 - 1988 Lifting Nuts
GB 825 - 1988 Eye Bolts
ISO 3266 - 2010
Forged Steel Eyebolts Grade 4 for General Lifting Purposes
JIS B 1168 - 1994 Eye Bolts
JIS B 1169 - 1994 Eye Nuts
JIS B 2809(F) - 2018 U Shape Bolts (Type F)
JIS B 2809(MS) - 2018 U Shape Bolts (Type MS)
JIS B 2809(MR) - 2018 U Shape Bolts (Type MR)
UNI 2947 Eye Bolts
UNI 2948 - 1971
Lifting Eye Nuts, ISO Metric Coarse and Fine Thread
Check www.globalfastener.com for more data.

Clamps



DIN 3016-2-2000
Fastening Clamps with Fastening Lugs - form H1 / H2
DIN 3017-2-2002
Hose Clamps-Part 2: Clamps with Fastening Lugs-Type B1
DIN 3017-2-2002
Hose Clamps-Part 2: Clamps with Fastening Lugs-Type B2
DIN 3017-3-2002 Hose Clamps - Part 3: Bolt Clamps
DIN 3017-5-2002
Hose Clamps — Part 5: Wide Strip Hose Clamps with
Fastening Lugs; Types D and E
Check www.globalfastener.com for more data.

Steel for cold heading and cold extrusion

Japan	International Organization	Europe		China		USA	Germany	Russia	Korea
JIS	ISO	EN	number	GB	ISC	ASTM	DIN EN/DIN	GOST	KS
SWRCH6A	C2C C4C	C2C C4C	1.0314 1.0303						
SWRCH8A	C8C	C8C	1.0213						
SWRCH10A	C10C	C10C	1.0214						
SWRCH10K	C10GC								
SWRCH15A	C15C	C15C	1.0234						
SWRCH15K	C15GC								
SWRCH18A	C17C	C17C	1.0434						
SWRCH18K	C17GC								
SWRCH22A	C20C	C20C	1.0411						
SWRCH22K	C20GC								
SWRCH30K	C30EC	C30EC							
SNM240	41CrNiMo2	41CrNiMo2	1.6584						
SWRCHB620	20MnB5 23MnB5 26MnB5 34MnB5	20MnB5 23MnB5 26MnB5 34MnB5							
	CC4A	C4C	1.0303	ML04AI	U40048	1005			
SWRCH6A				ML06AI	U40068	1006			
SWRCH8A	CC8A	C8C	1.0213	ML08AI	U40088	1008			
SWRCH10A	CC11A	C10C	1.0214	ML10AI	U40108	1010			
SWRCH10K	CC11A	C10C	1.0214	ML10	U40102	1010			
SWRCH12A				ML12AI	U40128	1012			
SWRCH12K				ML12	U40122	1012			
SWRCH15A	CC15A	C15C	1.0234	ML15AI	U40158	1015			
SWRCH15K	CC15K	C15C	1.0234	ML15	U40152	1015			
		C35EC	1.1172				Cq35	35	
		C45EC	1.1192				Cq45	45	
SWRCH10A	CC8A			ML10AI		1012	QSt36-3		SWCH10A
SWRCH15K	CC15A			ML15		1015	QSt38-3		SWCH15K
SWRCH20K	CC21A			ML20		1020	Cp22		SWCH20K
SCM435	34CrMo4E			ML35CrMo		4135	34CrMo4		
SCM440	42CrMo4E			ML42CrMo		4140	42CrMo4		
SWRCHB620	CE20BG2			ML15MnB		SWRCHB620			
SUS301	X10CrNi18-8			1Cr17Ni7		301	X12CrNi17-7		STS301
SUS302HQ	X3CrNi18-9-4			0Cr18Ni9Cu3		XM7	X3CrNiCu18-9		STSM7
SUS303	X8CrNiS18-9			Y1Cr18Ni9		303	X10CrNiS18-9		STS303
SUS304	X5CrNi18-10			0Cr18Ni9		304	X5CrNi18-10		SUS304
SUS305	X6CrNi18-12			1Cr18Ni12		305	X5CrNi18-12		STS305
SUS430F	X14CrMoS17			Y1Cr17		430F	X12CrMoS17		STS430F
SUS431	X17CrNi16-2			1Cr17Ni2		431	X20CrNi17-2		STS431

Processing titanium and titanium alloy

China	Japan	USA		International Organization		Germany		Russia	Europe	
GB	JIS	ASTM	UNS	ISO	number	DIN EN/DIN	W-Nr.	GOST	EN	number
TA1	Class 2 Ti≥99.49	Grade 1	R50250	Grade 1 (Ti≥99.53)		Ti2 (Ti≥99.50)	3.7035	BT1-00 (Ti99.57)		
TA2	Class 3 Ti≥99.32	Grade 2	R50400					BT1-0 (Ti99.33)	T1-P02 (Ti≥99.31)	
TA3		Grade 3	R50550	Grade 3 (Ti≥99.14)		Ti4 (Ti≥99.23)	3.7065			
TA4	Class 4	Grade 4	R50700	Grade 4 (Ti≥99.09)				BT1-1 (Ti98.95)	T1-P04	
TA5				Ti-4Al-0.005B		TiAl4B				
TA6				Ti-5Al		TiAl5		BT5		
TA7		Grade 6	R54520	Ti-5Al-2.5Sn	R54520	TiAl5Sn2	3.7115 R54520	BT5-1		
TA8	Class 18	Grade 16		Ti-0.05Pd(b)		Ti2Pd				
TA8-1	Class 17	Grade 17		Ti-0.05Pd(a)		Ti1Pd				
TA9	Class 13	Grade 7		Ti-Pd0.2(c)		Ti3Pd	3.7255			
TA10		Grade 12		Ti-0.3Mo-0.8Ni	R53400	TiNi0.8	3.7105 R53400			
TA11				Ti-8Al-1Mo-1V	R54810	TiAl8Mo1V1	R54810			
TA12				Ti-5.5Al-4Sn-2Zr-1Mo-1Ni-0.3Si		TiAl5.5Sn4Zr2Mo1V1Si				
TA12-1				Ti-5Al-4Sn-1.5Zr-1.5Mo-1Nd-0.3Si		TiAl5Sn4Zr1.5Mo1Nd1Si				
TA13				Ti-2.5Cu	R50250	TiCu2.5	R50250		T1-P11	R50250
TB2				Ti-5Mo-5V-8Cr-3Al			TiMo5V5Cr8Al3			
TB3				Ti-3.5Al-10Mo-8V-1Fe		TiAl3.5Mo10V8Fe1				
TC1				Ti-2Al-1.5Mn		TiAl2Mn1.5		OT4-1		
TC2				Ti-4Al-1.5Mn		TiAl4Mn1.5		OT4		
TC3				Ti-5Al-4V	R56540	TiAl5V4	R56540			

Brass

China		Japan	USA		International Organization		Germany		Europe		Russia
GB	ISC	JIS	ASTM	UNS	ISO	number	DIN EN/DIN	W-Nr.	EN	number	GOST
H95		C2100	95Cu-5Zn	C21000	CuZn5	C21000	CuZn5	C21000 2.0220	CuZn5	CW500L	Л96
H90		C2200	90Cu-10Zn	C22000	CuZn10	C22000	CuZn10	C22000 2.0230	CuZn10	CW501L	Л90
H85		C2300	85Cu-15Zn	C23000	CuZn15	C23000	CuZn15	C23000 2.0240	CuZn15	CW502L	Л85
H80		C2400	80Cu-20Zn	C24000	CuZn20	C24000	CuZn20	C24000 2.0250	CuZn20	CW503L	Л80
H70		C2600	70Cu-30Zn	C26000	CuZn30	C26000	CuZn30	C26000 2.0265	CuZn30	CW505L	Л70
H68		C2630	67Cu-33Zn	C26300	CuZn33	C26300	CuZn33	C26300 2.0280	CuZn33	CW506L	Л68
H66		C2680	66Cu-34Zn	C26800	CuZn34	C26800					Л66
H65		C2700	65Cu-35Zn	C27000	CuZn36	C27000	CuZn36	C27000 2.0335	CuZn36	CW507L	Л65
H63		C2720	63Cu-37Zn	C27200	CuZn37	C27200	CuZn37	C27200 2.0321	CuZn37	CW508L	Л63
H62		C2720	62Cu-38Zn	C27400	CuZn38	C27400					Л62
H59	T28200	C2800	60Cu-40Zn	C28000	CuZn40	C28000	CuZn40	C28000 2.0360	CuZn40	CW509L	Л60
HB90-0.1	T22130	C2213	90Cu-10Zn-.1B	C22130	CuZn10B	C22130					ЛР90-0.1
HAs85-0.05	T23030	C2313	85Cu-15Zn-.06As-.1B	C23130	CuZn15As	C23130					ЛМш85-0.05
HAs70-0.05	C26130	C2613	70Cu-30Zn-.06As-.1B	C26130	CuZn30As	C26130					ЛМш70-0.05
HAs68-0.04	T26330	C2633	67Cu-33Zn-.06As-.1B	C26330	CuZn33As	C26330					ЛМш68-0.04
HPb89-2	C31400	C3140 C31400	89Cu-9Zn-2Pb	C31400	CuZn9Pb2	C31400					ЛС89-2
HPb66-0.5	C33000	C3301 C33000	66Cu-33.5Zn-5Pb	C33000	CuZn33Pb	C33000					ЛС66-0.5
HPb63-0.1	T34900	C3490 C34900	62Cu-38Zn-.3Pb	C34900	CuZn38Pb	C34900					ЛС62-0.2
HPb63-3	T34700	C3450 C34500	63Cu-34Zn-3Pb	C34500	CuZn34Pb3	C34500					ЛС63-3
HPb62-0.8	T35100		62Cu-37.5Zn-.5Pb		CuZn37Pb1				CuZn37Pb1	CW605N	ЛС62-0.8
HPb62-2	C35300		62Cu-36Zn-2Pb	C35300	CuZn36Pb2	C35300	CuZn36Pb2	C35300 2.0331			ЛС62-2
HPb62-3	C36000		62Cu-35Zn-3Pb	C36000	CuZn36Pb3	C36000	CuZn36Pb3	C36000 2.0375	CuZn36Pb3	CW603N	ЛС62-3
HPb62-2-0.1	T36210	C3521 C35210	62Cu-36Zn-2Pb-.1As	C35210	CuZn36Pb2As	C35210					ЛСМш62-2-0.1
HPb61-2-1	T36220	C3622 C36220	62Cu-36Zn-2Pb-1Sn-.15As	C36220	CuZn36Pb2SnAs	C36220					ЛСОМш61-2-1-0.15
HPb61-2-0.1	T36230	C3623 C36230	61Cu-37Zn-2Pb-.1As	C36230	CuZn37Pb2As	C36230					ЛСМш61-2-0.1
HPb61-1	C37100		61Cu-38Zn-1Pb	C37000	CuZn38Pb1	C37000			CuZn38Pb1	CW607N	ЛС61-1
HPb60-1		C3710 C37100	60Cu-39Zn-1Pb	C37100	CuZn39Pb1	C37100					ЛС60-1
HPb60-2	C37700		60Cu-38Zn-2Pb	C37700	CuZn38Pb2	C37700	CuZn38Pb1.5	C37700 2.0371	CuZn38Pb2	CW608N	ЛС60-2
HPb60-3	C37900	C3790 C37900	60Cu-37Zn-3Pb	C37900	CuZn37Pb3	C37900					ЛС60-3
HPb59-1	T38100		59Cu-40Zn-1Pb		CuZn40Pb1						ЛС59-1
HPb59-2	T38200		59Cu-39Zn-2Pb	C37710	CuZn39Pb2	C37710	CuZn39Pb2	C37710 2.0380	CuZn39Pb2	CW612N	ЛС59-2
HPb59-3	T38300		59Cu-38Zn-3Pb		CuZn38Pb3		CuZn39Pb3	2.0401			ЛС59-3
HPb58-2	T38210	C3801 C38000	58Cu-40Zn-2Pb	C38000	CuZn40Pb2	C38000	CuZn40Pb2	C38000 2.0402	CuZn40Pb2	CW617N	ЛС58-2
HPb58-3	T38310		58Cu-39Zn-3Pb		CuZn39Pb3						ЛС58-3
HPb57-4	T38400		57Cu-39Zn-4Pb		CuZn39Pb4						ЛС57-4
HSn90-1	T41900	C4110 C41100	90Cu-9.5Zn-0.5Sn	C41100	CuZn9.5Sn	C41100					ЛО90-1
HSn72-1	C44300		72Cu-27Zn-1Sn-.04As		CuZn27Sn1As						ЛОМш72-1-0.04
HSn70-1	T45000		71Cu-28Zn-1Sn-.05As	C44300	CuZn28Sn1As	C44300	CuZn28Sn1	C44300 2.0470			ЛОМш70-1-0.05
HSn70-1-0.01	T45010		70Cu-29Zn-1Sn-.05As-.01B		CuZn29Sn1AsB						ЛОМшP70-1-0.05-0.01
HSn70-1-0.01-0.04	T45020		70Cu-27.5Zn-1Sn-1Mn-.5Ni-.04As-.01B		CuZn27Sn1Mn1NiAsB		CuZn27Sn1Mn1NiAsB				ЛОМшМшP70-1-1-0.5-0.04-0.01
HSn65-0.03	T46100		65Cu-34.87Zn-.1Sn-.03P		CuZn35SnP		Cu65Zn35Sn0.1P0.03				ЛОФ65-0.1-0.03
HSn62-1	T46300	C4630 C46300	62Cu-36.5Zn-1Sn-.5Pb	C46300	CuZn36Sn1Pb	C46300			CuZn36Sn1Pb	CW712R	ЛО62-1
HSn61-0.5			61Cu-38Zn-.5Sn-.3Pb		CuZn38SnPb		CuZn38SnPb	2.0525			ЛОС61-0.5-0.3
HSn60-1			60Cu-39Zn-1Sn		CuZn39Sn1			CuZn39Sn1	CuZn39Sn1	CW719R	ЛО60-1
HNI65-5	T69900		65Cu-30Zn-5Ni		CuZn30Ni5						ЛН65-6
HNI56-3	T69910		56Cu-41Zn-3Ni		CuZn41Ni3						ЛНАЖ56-2.5-0.4-0.3
HFe59-1-1	T67600		58.5Cu-39.5Zn-1Fe-1Mn		CuZn39Fe1Mn1			CuZn39Fe1Mn1			ЛЖМц59-1-1
HFe58-1-1	T67610		57Cu-41Zn-1Fe-1Pb		CuZn41Fe1Pb1			CuZn41Fe1Pb1			ЛЖС58-1-1

Aluminium and aluminium alloy

Japan	USA		International Organization	Germany		Europe		Russia
JIS	UNS	ASTM	ISO	DIN EN/DIN	W-Nr.	EN	number	GOST
1050	A91060		Al99.5	Al99.5	3.0255	ENAW-Al99.5	ENAW-1050A	AD0
1070 A1070		1070A	Al99.7	Al99.7	3.0275	ENAW-Al99.7	ENAW-1070A	A7 AD00
1080A A1080		1080A A1080	1080A Al99.8	Al99.8	3.0285	ENAW-Al99.8(A)	ENAW-1080A	AD000
5154	A95154		AlMg3	AlMg3	3.3535	ENAW-AlMg3	ENAW-5754	AMg3
		2117	AlCu2Mg	AlCuMg0.5	3.1305	ENAW-AlCu2.5Mg		D18
2024		2024	AlCu4Mg1	AlCuMg2	3.1355	ENAW-AlCu4Mg1		D16
AC1B		204	AlCu4MgTi	G-AlCu4TiMg	3.1371	ENAC-AlCu4MgTi		
			AlCu4PbMg	AlCuMgPb		ENAW-AlCu4PbMg	ENAW-2030	
2014		AA2014	AlCu4SiMg	AlCuSiMg	3.1255	ENAW-AlCu4SiMg	ENAW-2014	
Al-Cu4Ti			AlCu4Ti	G-AlCu4Ti	3.1841	ENAC-AlCu4Ti	ENAC-21100	
2017	A92017		AlCuMgSi	AlCuMg1	3.1325	ENAW-AlCu4MgSi(A)	ENAW-2017A	D1
Al-Mg10	A05200	518	AlMg10 AlMg9	GD-AlMg9	3.3292	ENAC-AlMg9	ENAC-51200	AMg10
6061		AA6061	AlMg1SiCu	AlMg1SiCu	3.3211	ENAW-AlMg1SiCu	ENAW-6061	
5052	A95052		AlMg2	AlMg1.8 AlMg2.5	3.3326	ENAW-AlMg2(B)	ENAW-5051A	
5082	A95083		AlMg4.5Mn0.7	AlMg4.5 AlMg4.5Mn	3.3547	ENAW-AlMg4.5Mn0.7	ENAW-5083	AMg4.5
5086		5086	AlMg4Mn	AlMg4Mn	3.3545	ENAW-AlMg4	ENAW-5086	AMg4 AMg4.5
AC7A ADC5 Al-Mg6			AlMg5	G-AlMg5	3.3561	ENAC-AlMg5	ENAC-51300	

Cold heading steel

China		Japan	Korea	USA		International Organization	Germany		Russia
GB	ISC	JIS	KS	ASTM/AISI	UNS	ISO	DIN EN/DIN	W-Nr.	GOST
ML08AI	U40088	SWRCH8A	SWRCH8A	1010	G10100	CC8X (A2R)	QSt34-3 (C7C)	1.0213	08Ю
ML10	U40102	SWRCH10K	SWRCH10K	1012	G10120	CC8A (A2AI)	QSt36-3 (C11C)	1.0214	10кп
ML15	U40152	SWRCH15K	SWRCH15K	1015	G10150	CC15A (A4AI)	QSt38-3 (C14C) Cq15 (C15C)	1.0234 - 1.1132	15лс
ML20	U40202	SWRCH20K	SWRCH20K	1020	G10200	CC21A (A5AI)	Cq22 (C22C)	1.1152	20лс
ML25	U40252	SWRCH20K	SWRCH20K	1025	G10250				25
ML30	U40302	SWRCH30K	SWRCH30K	1030	G10300	CE28E4 (C2)			30
ML35	U40352	SWRCH35K	SWRCH35K	1034	G10340	CE35E4 (C3)	Cq35 (C35C)	1.1172	35
ML40	U40402	SWRCH40K	SWRCH40K	1040	G10400	CE40E4			40
ML45	U40452	SWRCH45K	SWRCH45K	1044	G10440	CE45E4 (C6)	Cq45 (C45C)	1.1192	45
ML25Mn	U41252	SWRCH25K SWRCH27K	SWRCH25K	1026	G10260				
ML30Mn	U41302	SWRCH30K SWRCH33K	SWRCH30K	1030	G10300	CE28E4			
ML35Mn	U41352	SWRCH35K SWRCH38K	SWRCH35K	1034	G10340	CE35E4			
ML15Cr	A20154			5115	G51150		15Cr2	1.7015	15X
ML20Cr	A20204			5120	G51200	20Cr4E (B10)			20X
ML40Cr	A20404			5140	G51400	41Cr4E (C16)	41Cr4	1.7035	40X
ML15MnB	A71154	SWRCHB620		1518	G15180	CE20BG2 (E2)			
ML30CrMo	A30304			4130	G41300		≈25CrMo4	1.7218	30XMA
ML35CrMo	A30354			4135 A320ML7B	G41350	34CrMo4E (C31)	34CrMo4	1.7220	
ML42CrMo	A30424			4140 A320ML7M	G41400	42CrMo4E (C32)	42CrMo4	1.7225	

Structural alloy steel

China			Japan	Korea	USA					International Organization	Germany			Russia	Europe	
GB	ISC	YB	JIS	KS	ASTM/AISI	UNS	ASTM	SAE	AISI	ISO	DIN EN/DIN	W-Nr.	L-Nr.	GOST	EN	number
20Mn2	A00202		SMn420	SMn420	1320					22Mn6	20Mn6	1.1169		20Г2		
30Mn2	A00302		SMn433		1330	G13300				28Mn6	30Mn5	1.1165		30Г2	28Mn6	1.1170
35Mn2	A00352		SMn433 SMn438	SMn433	1335	G13350				36Mn6	36Mn5	1.1167		35Г2		
40Mn2	A00402		SMn438 SMn443	SMn438	1340	G13400				42Mn6				40Г2	42Mn6	1.1055
45Mn2	A00452		SMn443	SMn443	1345	G13450					46Mn7	1.0912		45Г2		
50M2	A00502										50Mn7	1.0913		50Г2		
	A01152	15MnV									15MnV5	1.5213				
20MnV	A01202										20MnV6	1.5217				
	A01422	42MnV									42MnV7	1.5223				
35SiMn	A10352										37MnSi5	1.5122		35CF		
42SiMn	A10422										46MnSi4	1.5121		42CF		
40B	A70402				50B44	G50441										
45B	A70452				81B45	G81451										
40MnB	A71402															
15Cr	A20152		SCr415	SCr415	5115	G51150					15Cr3	1.7015		15X		
20Cr	A20202		SCr420 SCr420H SCr420HRCH	SCr420	5120	G51200				20Cr4	20Cr4	1.7027		20X	20Cr4	1.7027
30Cr	A20302		SCr430	SCr430	5130	G51300					28Cr4	1.7030		30X		
35Cr	A20352		SCr435 SCr435H	SCr435	5135	G51350				34Cr4	34Cr4	1.7033		35X	34Cr4	1.7033
40Cr	A20402		SCr440 SCr440H	SCr440	5140	G51400				41Cr4	41Cr4	1.7035		40X	41Cr4	1.7035
45Cr	A20452		SCr445	SCr445	5145	G51450								45X		
50Cr	A20502				5150	G51500								50X		
12CrMo	A30122				4119						13CrMo44	1.7335		12XM		
12CrMoV	A31122													12XMΦ		
	A30152	15CrMo	SCM415	SCM415							15CrMo5	1.7262		15XM		
20CrMo	A30202		SCM420 SCM418 SCM418H	SCM420	4118	G41180				18CrMo4	20CrMo5	1.7264		20XM	18CrMo4	1.7243
20CrMoH																
	A30252	25CrMo									25CrMo4	1.7218	1.7214	30XM	25CrMo4	1.7218
30CrMo	A30302		SCM430	SCM430												
35CrMo	A30352		SCM435	SCM435	4135	G41350				34CrMo4	34CrMo4	1.7220		35XM	34CrMo4	1.7220
35CrMoV	A31352		SCM435H											35XMΦ		
42CrMo	A30422		SCM440 SCM440H	SCM440	4140	G41400				42CrMo4	42CrMo4	1.7225			42CrMo4	1.7225
25Cr2MoVA	A31253										24CrMoV55	1.7733		25X2M1Φ		
25Cr2Mo1VA	A31263															
	A32213	20Cr3MoWVA									21CrVMoW12			ЭИ415		
38CrMoAl	A33382									41CrAlMo7-4	41CrAlMo7	1.8509		38X2M10A		
40CrV	A23402				6140						42CrV6			40XΦA		
50CrVA	A23503		SUP10	SPS6	6150	G61500					51CrV4 (50CrV4)	1.8159		50XΦA		
15CrMn	A22152				5115	G51150					16MnCr5	1.7131		15XГ		
20CrMn	A22202		SMnC420	SMnC420	5120	G51200				20MnCr5	20MnCr5	1.7147		20XГ	20MnCr5	1.7147
20CrMnSi	A24202													20XГC		
30CrMnSi	A24302													30XГC		
35CrMnSiA	A24303													35XГCA		
20CrMnMo	A34202		SCM421	SCM421	4119									18XГM		
40CrMnMo	A34402		SCM440	SCM440	4142	G41420				42CrMo4	42CrMo4	1.7225		40XГM		
20CrMnTi	A26202										30MnCrTi4	1.8401		18XГT		
30CrMnTi	A26302													30XГT		
20CrNi	A40202				3140	G31400					40NiCr6	1.5711		20XH		
40CrNi	A40402													40XH		
50CrNi	A40502													50XH		
12CrNi2	A41122		SNC415	SNC415	3415						14NiCr10	1.5732		12XH2A		
12CrNi3	A42122		SNC815 SNC815H	SNC815	3310	G33106				15NiCr13	14NiCr14	1.5752		12XH3A	15NiCr13	1.5752
20CrNi3	A42202													20XH3A		
30CrNi3	A42302		SNC836	SNC836	3435						31NiCr14	1.5755		30XH3A		
12Cr2Ni4	A43122				2515						14NiCr18	1.5860		12X2H4A		
20Cr2Ni4	A43202		≈SNC815	≈SNC815	3316						~14NiCr14	1.5752		20X2H4A		
18Cr2Ni4WA	A52183													18X2H4BA		
20CrNiMo	A50202		SNCM220	SNCM220	8620	G86200				20NiCrMo2	21NiCrMo2	1.6523		20XHM		
40CrNiMoA	A50403		SNCM439	SNCM439	4340	G43400					36NiCrMo4	1.6511		20XHM		
45CrNiMoVA	A51453													45XH2MΦA		
										39MnCrB6-2					39MnCrB6-2	1.7189
18Cr2Ni2MoH										18CrNiMo7-6					18CrNiMo7-6	1.6587
										17NiCrMo6-4					17NiCrMo6-4	1.6566
										20NiCrMoS2-2	20NiCrMoS2				20NiCrMoS2-2	1.6526
20CrNiMoH			SNCM220 SNCM220H							20NiCrMo2-2 20NiCrMo2	21NiCrMo2			20KHGNM	20NiCrMo2-2	1.6523
15CrH										17Cr3	17Cr3			15KH	17Cr3	1.7016
			SCR415HRCH							17CrS3					17CrS3	1.7014
										20CrS4					20CrS4	1.7028
28CrH										28Cr4	28Cr4				28Cr4	1.7030
										28CrS4	28CrS4				28CrS4	1.7036
16CrMnH										16MnCr5					16MnCr5	1.7131

Martensitic stainless steel

China		Japan	Korea	USA			Russia	International Organization		Germany		Europe	
GB	ISC	JIS	KS	ASTM	UNS	ASTM/AISI	GOST	ISO	number	DIN EN/DIN	W-Nr.	EN	number
12Cr12 (1Cr12)	S40310	SUS 403	STS 403	403	S40300		08X13						
06Cr13 (0Cr13)	S41008	SUS 410S	STS 410S	410S	S41008			X6Cr 13		X6Cr 13 (X7Cr 13)	1.4000	X6Cr 13	1.4000
12Cr13 (1Cr13)	S41010	SUS 410	STS 410	410	S41000		12X13 12KH13 15KH13L	X12Cr 13	4006-410-00-I	X10Cr 13 X12Cr 13	1.4006 1.4006	X12Cr 13	1.4006
13Cr13Mo (1Cr13Mo)	S45710	SUS 410J1	STS 410J1							X15Cr 13	1.4024	X15Cr 13	1.4024
Y12Cr13 (Y1Cr13)	S41617	SUS 416	STS 416	416	S41600			X12CrS 13	4005-416-00-I	X12CrS 13	1.4005	X12CrS 13	1.4005
20Cr13 (2Cr13)	S42020	SUS 420J1	STS 420J1	420	S42000		20X13	X20Cr 13	4021-420-00-I	X20Cr 13	1.4021	X20Cr 13	1.4021
30Cr13 (3Cr13)	S42030	SUS 420J2	STS 420J2		S42000		30X13 30KH13	X30Cr 13	4028-420-00-I	X30Cr 13	1.4028	X30Cr 13	1.4028
40Cr13 (4Cr13)	S42040				S42000		40X13	X39Cr 13 X46Cr13 X52Cr13	4031-420-00-I 4034-420-00-I 4038-420-00-I	X38Cr 13		X39Cr 13	1.4031 1.4034 (1.4038)
Y30Cr13 (Y3Cr13)	S42037	SUS 420F	STS 420F	420F	S42000			X29CrS 13		X29CrS 13	1.4029	X29CrS 13	1.4029
14Cr17Ni2 (1Cr17Ni2) 17Cr16Ni2	S43110 / S43120	SUS 431	STS 431	431	S43100		14X17H2	X17CrNi 16-2	4057-431-00-X	X20CrNi 17-2 (X22CrNi 17)	1.4057	X17CrNi 16-2	1.4057
68Cr17	S44070	SUS 440A	STS 440A	440A	S44002								
85Cr17	S44080	SUS 440B	STS 440B	440B	S44003								
108Cr17	S44096	SUS 440C	STS 440C	440C	S44004		95X18	X105CrMo 17		X105CrMo 17	1.4125	X105CrMo 17	1.4125
Y108Cr17	S44097	SUS 440F	STS 440F	440F	S44020								
90Cr18MoV (9Cr18MoV)	S46990	SUS 440B	STS 440B		S44003	440B						X90CrMoV 18	1.4112
04Cr13Ni5Mo	S41595	SUS F6NM			S41500			X3CrNiMo 13-4				X3CrNiMo 13-4	1.4313
Y25Cr13Ni2 (Y2Cr13Ni2)	S41427											25X13H2	
102Cr17Mo (9Cr18Mo)	S45990	SUS 440C			S44004	440C		X105CrMo 17				X105CrMo 17	1.4125
15Cr12WMoV (1Cr12WMoV)	S47010											15X12BHMΦ	
14Cr12Ni2WMoVNb (1Cr12Ni2WMoVNb)	S47410						13X14H3B2Φ						
13Cr14Ni3W2VB (1Cr14Ni3W2VB)	S47710						15X12H2MBΦAB						
45Cr9Si3	S48045	SUH 1										X45CrSi3	1.4718
								X4CrNiMo16-5-1	4418-431-77-E			X4CrNiMo16-5-1	1.4418
		SUS410F2						X13CrPb13	4642-416-72-J				(1.4642)
		SUS410						X15Cr13	4024-410-09-E				1.4024
	S42037	SUS420F			S42020			X33CrS13	4029-420-20-I				1.4029
		SUS420F2						X33CrPb13	4643-420-72-J				(1.4643)
								X46CrS13	4035-420-74-E				1.4035
								X60Cr13	4039-420-09-I				(1.4039)
		SUS429J1						X33Cr16	4058-429-99-J				(1.4058)
	S44070	SUS440A			S44002			X68Cr17	4040-440-02-X				(1.4040)
	S44080	SUS440B			S44003			X85Cr17	4041-440-03-X				(1.4041)
	S44096	SUS440C			S44004			X110Cr17	4023-440-04-I				(1.4023)
	S44097	SUS440F						X110CrS17	4025-440-74-X				(1.4025)
	S48380	SUH4						X80CrSiNi20-2	4766-440-77-X				(1.4766)
	S46250	SUH600						X18CrMnMoNbVN12	4916-600-77-J				(1.4916)
	S47220	SUH616			S42200			X23CrMoWMnNiV12-1-1	4929-422-00-I				(1.4929)
								X22CrMoV12-1	4923-422-77-E				1.4923
	S45710	SUS410J1						X13CrMo13	4119-410-92-C				(1.4119)
	S45830							X38CrMo14	4419-420-97-E				1.4419
								X55CrMo14	4110-420-69-E				1.4110
								X50CrMoV15	4116-420-77-E				1.4116
								X2CrNiMoV13-5-2	4415-415-92-E				1.4415
								X39CrMo17-1	4122-434-09-I			X39CrMo17-1	1.4122
								X40CrMoVN16-2	4123-431-77-E				1.4123
								X5CrNiMoCuNb14-5	4594-155-92-E				1.4594
0Cr13		SUS410S		410S Type403	S41008		08KH13			X7Cr14		X6Cr13	1.4000
1Cr11MoV										X20CrMoV12-1 X22CrMoV12-1		X20CrMoV11-1	1.4922
4C13				Type420			40KH13			X39Cr13		X39Cr13	1.4031
					S41500							X3CrNiMo13-4	1.4313
3Cr16		SUS429J1											
												X12CrNiMoV12-3	1.4938

Ferritic stainless steel

China		Japan	Korea	USA		International Organization		Germany		Europe		Russia
GB	ISC	JIS	KS	ASTM	UNS	ISO	number	DIN EN/DIN	W-Nr.	EN	number	GOST
06Cr13Al	S11348	SUS 405	STS 405	405	S40500	X6CrAl 13		X6CrAl 13 (X7CrAl 13)	1.4002	X6CrAl 13	1.4002	
022Cr12 (00Cr12)	S11203	SUS 410L	STS 410L									
10Cr17 (1Cr17)	S11710	SUS 430	STS 430	430	S43000	X6Cr 17	4016-430-00-I	X6Cr 17 (X8Cr 17)	1.4016	X6Cr 17	1.4016	12X 17
Y10Cr17 (Y1Cr17)	S11717	SUS 430F	STS 430F	430F	S43020	X7CrS 17 X14CrS 17	4019-430-20-I	X14CrMoS 17 (X12CrMoS 17)	1.4104	X14CrMoS 17	1.4104	
10Cr17Mo (1Cr17Mo)	S11790	SUS 434	STS 434	434	S43400	X6CrMo 17-1	4113-434-00-I	X6CrMo 17-1 (X6CrMo 17)	1.4113 1.4113	X6CrMo 17-1	1.4113	
008Cr30Mo2 (00Cr30Mo2)	S13091	SUS 447J1	STS 447J1									
008Cr27Mo (00Cr27Mo)	S12791	SUS XM27	STS XM27	XM27	S44625			X1CrMo 26-1	1.4131			
022Cr12Ni	S11213				S41003	X2CrNi12	4003-410-77-I			X2CrNi12	1.4003	
					S40975	X6CrNiTi12	4516-409-75-I			X6CrNiTi12	1.4516	
		SUS430LX				X2CrTi17	4520-430-70-I				1.4520	
	S11972	SUS 444		444	S44400	X2CrMoTi18-2	4521-444-00-I			X2CrMoTi18-2	1.4521	
		SUS 436L				X2CrMoTi17-1				X2CrMoTi17-1	1.4513	
	S11770				S43600	X6CrMoNb17-1	4526-436-00-I			X6CrMoNb17-1	1.4526	
022Cr18NbTi	S11873	SUS430LX			S43940 S43932	X2CrTiNb18	4509-439-40-X			X2CrTiNb18	1.4509	
					S44330	X2CrCuNbTiV22-1					1.4622	
	S11203	SUS410L				X2Cr12	4030-410-90-X				(1.4030)	
022Cr11Ti	S11163	SUH409L SUS409L		409	S40900	X2CrTi12	4512-409-10-I			X2CrTi12	1.4512	
						X2CrMnNiTi12	4600-410-70-E				1.4600	
						X10CrAlSi13	4724-405-77-I				1.4724	
	S11510	SUS429			S42900	X10Cr15	4012-429-00-X				(1.4012)	
						X1CrNb15	4595-429-71-I				1.4595	
	S11863	SUS430LX				X2CrNb17	4510-430-36-X				1.4510	
		SUS430LX				X3CrNb17	4511-430-71-I				1.4511	
						X6CrNi17-1	4017-430-91-E				1.4017	
		SUS430J1L				X2CrCuTi18	4664-430-75-J				(1.4664)	
						X10CrAlSi18	4742-430-77-I				1.4742	
		SUH21				X8CrAl19-3	4764-442-72-J				(1.4764)	
						X2CrNbTi20	4607-445-00-E				1.4607	
						X2CrTi21	4611-445-70-E				1.4607	
					S44500	X2CrNbCu21	4621-445-00-E				(1.4621)	
		SUS443J1				X2CrTiCu22	4621-443-30-J				(1.4621)	
						X2CrTi24	4613-446-70-E				1.4607	
						X10CrAlSi25	4762-445-72-I				1.4762	
	S12550	SUH446		446	S44600	X15CrN26	4749-446-00-I			X18CrN28	1.4749	
						X5CrNiMoTi15-2	4589-429-70-E				1.4589	
						X6CrMoS17	4105-430-20-X				1.4105	
		SUS436J1L				X2CrMo19	4609-436-77-J				(1.4609)	
	S11862	SUS436L			S43600	X2CrMoNbTi18-1	4513-436-00-J				(1.4513)	
					S18235	X2CrMoTiS18-2	4523-182-35-I				1.4523	
		SUS445J1				X2CrMo23-1	4128-445-92-J				(1.4128)	
		SUS445J2				X2CrMo23-2	4129-445-92-J				(1.4129)	
	S12791	SUSXM27			S44627	X1CrMo26-1	4131-446-92-C				(1.4131)	
					S44660	X2CrMoNi27-4-2	4750-446-60-U				(1.4750)	
	S13091	SUS447J1			S44700	X1CrMo30-2	4135-447-92-C				(1.4135)	
1Cr15		SUS430		430	S43000			X6Cr17		X6Cr17	1.4016	12KH17
		SUS303		303						X8CrNiS18-9	1.4305	
		SUS430LX		439	S43035					X3CrTi17	1.4510	08KH17T
		SUS409L		409	S40900					X2CrTi12	1.4512	
				446	S44600					X18CrN28	1.4749	

Precipitation-hardening stainless steel

China		Japan	Korea	USA			International Organization		Germany		Europe		Russia
GB	ISC	JIS	KS	ASTM	UNS	SAE	ISO	number	DIN EN/DIN	W-Nr.	EN	number	GOST
05Cr17Ni4Cu4Nb (0Cr17Ni4Cu4Nb)	S51740	SUS 630	STS 630	630	S17400		X5CrNiCuNb 16-4	4542-174-00-I	X5CrNiCuNb 17-4	1.4542	X5CrNiCuNb 16-4	1.4542	
07Cr17Ni7Al (0Cr17Ni7Al)	S51770	SUS 631	STS 631	631	S17700		X7CrNiAl 17-7		X7CrNiAl 17-7	1.4568	X7CrNiAl 17-7	1.4568	09X17H7O
07Cr15Ni7Mo2Al (0Cr15Ni7Mo2Al)	S51570	SUS 632	STS 632	632	S15700		X8CrNiMoAl 15-7-2		X8CrNiMoAl 15-7-2	1.4532	X8CrNiMoAl 15-7-2	1.4532	
							X1CrNiMoAlTi12-9-2	4530-455-77-E				1.4530	
							X1CrNiMoAlTi12-10-2	4596-455-77-E				1.4596	
	S51750				(S35000)		X9CrNiMoN17-5-3	4457-350-00-X				(1.4457)	
					(S46910)		X2CrNiMoCuAlTi12-9-4-3	4645-469-10-U				(1.4645)	
	S51525	SUH660			(S66286)		X6NiCrTiMoVB25-15-2	4980-662-86-X				1.4980	
					(S66220)		X4NiCrMoTiMnSiB26-14-3-2	4644-662-20-U				(1.4644)	
				631			X7CrNiAl17-7				X7CrNiAl17-7	1.4568	09KH17N7YU
0Cr15Ni5Cu4Nb				S15500	XM12	15-5PH				1.4545	X5CrNiCuNb15-5		

Corrosion-resistant alloy

China		Japan	Korea	USA			Germany			International Organization	Europe	
GB	ISC	JIS	KS	number	UNS	SAE	DIN EN/DIN	W-Nr.	L-Nr.	ISO	EN	number
NS 1101 (NS 111) (0Cr20Ni32AlTi)	H 08800 H 01101	NCF 800 (NCF 2B)	NCF 800	Incoloy 800	N 08800		X10NiCrAlTi 32-20	1.4876				
NS 1102 (NS 112) (1Cr20Ni32AlTi)	H 08810 H 01102			Incoloy 800H	N 08810		X10NiCrAlTi 32-20	1.4876				
NS 1104	H 08811			Incoloy 800HT	N 08811							
NS 1105	H 08330				N 08330		X10NiCrSi 35-19	1.4886		X 6 NiCrSi 36-19	X10NiCrSi 35-19	1.4886
NS 1106	H 08332				N 08332							
NS 1402 (NS 142) (0Cr21Ni42Mo3Cu2Ti)	H 08825 H 01402	NCF 825	NCF 825	Incoloy 825	N 08825		NiCr21Mo	2.4858				
NS 1403 (NS143) (0Cr20Ni35Mo3Cu4Nb)	H 08020 H 01403			Alloy 20cb3 Carpenter 20Cb3	N 08020		NiCr20CuMo	2.4660				
NS 1404 BG2830	H 08028				N 08028 Sanicro 28		X1NiCrMoCu 31-27-4	1.4563				
NS 1405	H 08535				N 08535							
NS 1502	H 08120			HR 120 Haynes HR-120	N 08120							
NS 2401	H 09925			Incoloy 925	N 09925							
NS 3102 (NS 312) (1Cr15Ni75Fe8)	H 06600 H 03102	NCF 600	NCF 600	Inconel 600	N 06600			NiCr15Fe	2.4816			
NS 3103 (NS 313) (1Cr23Ni60Fe13Al)	H 06601 H 03103	NCF 601	NCF 601	Inconel 601	N 06601			NiCr23Fe	2.4851			
NS 3105 (NS 315) (0Cr30Ni60Fe10)	H 06690 H 03105			Inconel 690	N 06690				2.4642			
NS 3201 (NS 321) (0Ni65Mo28Fe5V)	H10001 H 03201			Hastelloy B	N 10001			NiMo30	2.4810			
NS 3202 (NS 322) (00Ni70Mo28)	H 01665 H 03202			Hastelloy B -2	N 10665		NiMo 28 Nimofe 6928	2.4617				
NS 3203	H 01675 (H 03203)			Hastelloy B-3	N 10675		Nimofe 6929	2.4600				
NS 3204	H 03204			Hastelloy B-4	N 10629		Nimofe 6929	2.4600				
NS 3303 (NS 333) (0Cr15Ni60Mo16W5Fe5)	H 03303			Hastelloy C		5530						
NS 3304 (NS 334) (00Cr15Ni60Mo16W5Fe5)	H10276 (H 03304)			Inconel 276 Inconel C-276	N 10276		NiMo16Cr15W	2.4819				
NS 3305 (NS 335) (00Cr16Ni65Mo16Ti)	H 06455 (H 03305)			Hastelloy C -4	N 06455		NiMo16Cr16Ti	2.4610				
NS 3306 (NS 336) (0Cr20Ni65Mo10Nb4)	H 06625 (H 03306)	NCF 625	NCF 625	Inconel 625	N 06625		NiCr22Mo9Nb	2.4856				
NS 3307 (NS 337) (0Cr20Ni60Mo16)	H 03307						NiCr20Mo15	2.4836				
NS 3308	H 06022 H 03308			Hastelloy C -22 Inconel 622	N 06022		NiCr21Mo14W Nicrofer 5621 hMoW	2.4602				
NS 3309	H 06686 H 03309			Inconel 686	N 06686			2.4606				
NS 3310	H 06950 H 03310			Hastelloy G-50	N 06950							
NS 3311	H 06059 H 03311			alloy 59	N 06059		Nicrofer 5923 hMo	2.4605				
NS 3312 GH 3536	H 06002			Hastelloy X	N 06002			2.4665				
NS 3313 GH 3230	H 06230			Haynes 230								
NS 3402	H 06007 H 03402			Hastelloy G	N 06007		Nicrofer 4520 hMo	2.4618				
NS 3403 BG 2250	H 06985 H 03403			Hastelloy G-3	N 06985		Nicrofer 4023 hMo	2.4619				
NS 3404	H 06030 H 03404			Hastelloy G-30	N 06030			2.4603				
NS 3405	H 06200 H 03405			Hastelloy C -2000	N 06200			2.4675				
NS 4102 GH 4145	H 07750			Hastelloy X750	N 07750			2.4669				
NS 4103	H 07751			Hastelloy X751	N 07751							
NS 4301 GH 4169	H 07718				N 07718			2.4668				
NS 5200 N5	H 02200			Nickel 200	N 02200			2.4060				
NS 5201 N7	H 02201			Nickel 201	N 02201			2.4061				
NS 6400 Ni68Cu28Fe	H 04400			Monel 400	N 04400			2.4360				
NS 6500 Ni68Cu28Al	H 05500			Monel K500	N 05500			2.4375				

Austenitic stainless steel

China		Japan	Korea	USA		International Organization		Europe		Russia	Germany	
GB	ISC	JIS	KS	ASTM/AISI	AISI	ISO	number	EN	number	GOST	DIN	W.Nr.
12Cr17Mn6Ni5N (1Cr17Mn6Ni5N)	S35350	SUS 201	STS 201	S20100		X12CrMnNi 17-7-5 X9CrMnNiCu 17-8-5-2		X12CrMnNi 17-7-5 X9CrMnNiCu 17-8-5-2	1.4372 1.4618			
12Cr18Mn9Ni5N	S35450	SUS 202	STS 202	S20200				X12CrMnNi 18-9-5	1.4373	12X17T9AH4		
12Cr17Ni7 (1Cr17Ni7)	S30110	SUS 301	STS 301	S30100		X5CrNi 17-7 X12CrNi 17-7	4319-301-00-I 4310-301-09-X	X12CrNi 18-9	1.4319 (1.43XX)		X10CrNi 18-8	1.4310
12Cr18Ni9 (1Cr18Ni9)	S30210 S30110	SUS 302	STS 302	S30200 S30100		X10CrNi 18-8	4310-301-00-I	X10CrNi 18-8	1.4310	12X18H9	X12CrNi 18-8	1.4300
Y12Cr18Ni9	S30317	SUS 303	STS 303	S30300		X10CrNiS 18-9	4305-303-00-I	X8CrNiS 18-9	1.4305		X8CrNiS 18-9 (X10CrNiS 18-9)	1.4305
Y12Cr18Ni9Se	S30327	SUS 303Se	STS 303Se	S30323						12X18H10E		
06Cr19Ni9	S30408	SUS 304	STS 304	S30400		X5CrNi 18-10	4301-304-00-I	X5CrNi 18-10	1.4301	08X18H10	X5CrNi 18-10 (X5CrNi 18-9)	1.4301
022Cr19Ni10 (00Cr19Ni10)	S30403	SUS 304L	STS 304L	S30403		X2CrNi 19-11 X2CrNi 18-9	4306-304-03-I 4307-304-03-I	X2CrNi 19-11 X2CrNi 18-9	1.4306 1.4307	03X18H10	X2CrNi 19-11 (X2CrNi 18-9)	1.4306
06Cr19Ni10N (0Cr19Ni9N)	S30458	SUS 304N1 SUS 304N2	STS 304N1 STS 304N2	S30451		X5CrNiN 19-9	4315-304-51-I	X5CrNiN 19-9	1.4315			
06Cr19Ni9NbN	S30478	SUS 304N2	STS 304N2	S30452								
022Cr19Ni10N (00Cr18Ni10N)	S30453	SUS 304LN	STS 304LN	S30453		X2CrNiN 18-9 X2CrNiN 18-10 X6CrNi 18-12		X2CrNiN 18-10 X4CrNi 18-12	1.4311 1.4303	12X18H12T	X2CrNiN 18-10 (X5CrNi 18-11) X4CrNi 18-12	1.4303 1.4303
10Cr18Ni12	S30510	SUS 305	STS 305	S30500								
06Cr23Ni13 (0Cr23Ni13)	S30908	SUS 309S	STS 309S	S30908		X12CrNi 23-13 X6CrNi23-13		X12CrNi 23-13 X6CrNi23-13	1.4833 1.4950	10X23H13	X7CrNi 23-14	1.4833
06Cr25Ni20 (0Cr25Ni20)	S31008	SUS 310S	STS 310S	S31008		~X12CrNi 23-13 X6CrNi25-20		X12CrNi 23-12 X6CrNi25-20	1.4845 1.4951	10X23H18	X12CrNi 25-21	1.4845
06Cr17Ni12Mo2	S31608	SUS 316	STS 316	S31600		X5CrNiMo 17-12-2	4401-316-00-I	X5CrNiMo 17-12-2 X3CrNiMo 17-13-3	1.4401 1.4436		X5CrNiMo 17-12-2 (X5CrNiMo 18-10) X5CrNiMo 17-13-3 (X5CrNiMo 18-12)	1.4401 1.4401 1.4436 1.4436
06Cr17Ni12Mo3Ti	S31688	SUS 316Ti	STS 316Ti	S31635		X6CrNiMoTi 17-12-2	4571-316-35-I	X6CrNiMoTi 17-12-2	1.4571	08X17H13M2T	X6CrNiMoTi 17-12-2 (X10CrNiMoTi 18-10)	1.4571
022Cr17Ni12Mo2 (00Cr17Ni14Mo2N)	S31603	SUS 316L	STS 316L	S31603		X2CrNiMo 17-12-2 X2CrNiMo 17-12-3	4404-316-03-I 4432-316-03-I	X2CrNiMo 17-12-2 X2CrNiMo 17-12-3	1.4404 1.4432	03X17H14M2	X2CrNiMo 18-14-3 (X2CrNiMo 18-12)	1.4435
06Cr17Ni12Mo2N (00Cr17Ni13Mo2N)	S31658	SUS 316N	STS 316N	S31651								
022Cr19Ni13Mo3 (00Cr19Ni13Mo3)	S31653	SUS 316LN	STS 316LN	S31653		X2CrNiMoN 17-12-2 X2CrNiMoN 17-11-2		X2CrNiMoN 17-13-3 X2CrNiMoN 17-12-2	1.4429 1.4406		X2CrNiMoN 17-13-3 (X2CrNiMoN 18-13)	1.4429
06Cr18Ni12Mo2Cu2	S31683	SUS 316J1L	STS 316J1L									
022Cr18Ni14Mo2Cu2	S31708	SUS 317	STS 317	S31700								
06Cr19Ni13Mo3	S31708	SUS 317	STS 317	S31700								
022Cr25Ni22Mo2N	S31053	SUS 317LN	STS 317LN	S31050		X1CrNiMoN 25-22-2		X1CrNiMoN 25-22-2	1.4466		X5CrNiMo 17-13	1.4449
022Cr19Ni13Mo4N	S31753	SUS 317LN	STS 317LN	S31753		X2CrNiMoN 18-12-4		X2CrNiMoN 18-12-4	1.4434		X1CrNiMoN 25-22-2 X2CrNiMoN 18-12-4	1.4466 1.4434
022Cr19Ni13Mo3 (00Cr19Ni13Mo3)	S31703	SUS 317L	STS 317L	S31703		X2CrNiMo 19-14-4 X2CrNiMo 18-15-4		X2CrNiMo 18-15-4	1.4438	03X16H15M3	X2CrNiMo 18-15-4 (X2CrNiMo 18-16)	1.4438
03Cr18Ni16Mo5	S31794	SUS 317J1	STS 317J1									
07Cr19Ni11Ti (1Cr18Ni11Ti)	S32169	SUS 321 HTP SUS 321 H	STS 321 HTP	S32109		X7CrNiTi 18-10 X6CrNiTiB 18-10	4940-321-09-I	X8CrNiTi 18-10 X6CrNiTiB 18-10	1.4878 1.4941 1.4940	12X18H10T	X12CrNiTi 18-9	1.4878
06Cr18Ni11Ti	S32168	SUS 321	STS 321	S32100		X6CrNiTi 18-10	4541-321-00-I	X6CrNiTi 18-10	1.4541	09X18H10T X18H10T	X6CrNiTi 18-10 (X10CrNiTi 18-9)	1.4541
06Cr18Ni11Nb	S34778	SUS 347	STS 347	S34700		X6CrNiNb 18-10		X6CrNiNb 18-10	1.4550	08X18H12S	X6CrNiNb 18-10 (X10CrNiNb18-9)	1.4550
06Cr18Ni9Cu3	S30488	SUS XM7	STS XM7	S30430		X3CrNiCu 18-9-4	4567-304-30-I	X3CrNiCu 18-9-4	1.4567		X3CrNiCu 18-9	1.4567
06Cr18Ni13Si4	S38148	SUS XM15J1	STS XM15J1	S38100								
015Cr20Ni18Mo6CuN	S31252	SUS 312L	STS 312L	S31254		X1CrNiMoN 20-18-7 X1CrNiMoCu20-18-7		X1CrNiMoCuN 20-18-7	1.4547			
07Cr17Ni12Mo2 (1Cr17Ni12Mo2)	S31609			S31609	316H			X3CrNiMo 17-13-3	1.4436			
				F 45		X7CrNiSiNce 21-11	4835-308-15-U		1.4835			

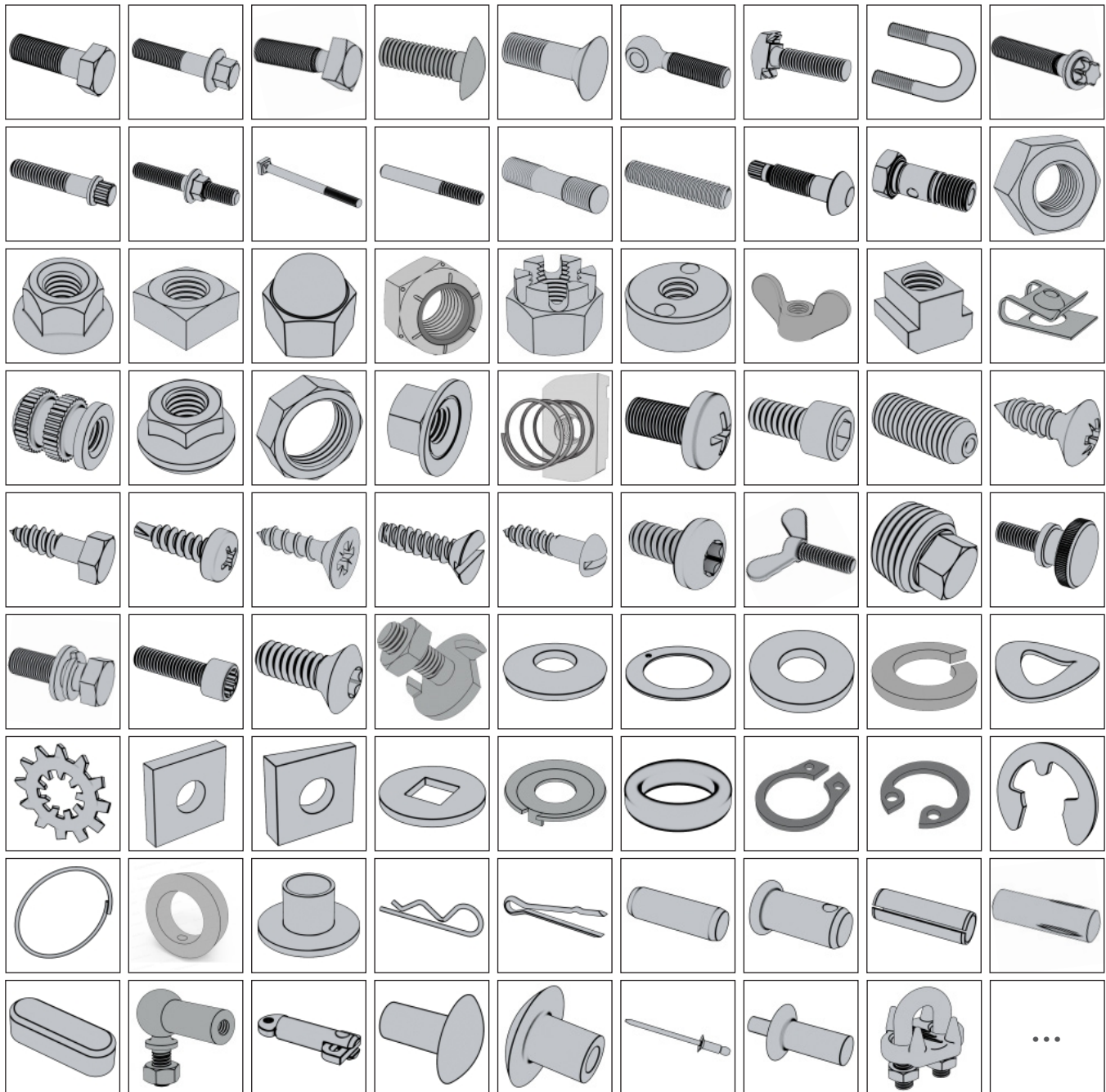
Austenitic-ferritic stainless steel

China		Japan	Korea	USA		International Organization		Germany		Europe		Russia
GB	ISC	JIS	KS	ASTM/AISI	AISI	ISO	number	DIN EN/DIN	W-Nr.	EN	number	GOST
022Cr22Ni5Mo3N 022Cr23Ni5Mo3N	S22553 S22053	SUS 329J3L	STS 329J3L	S31803 S32205		X2CrNiMoN 22-5-3	4462-318-03-I	X2CrNiMoN 22-5-3	1.4462	X2CrNiMoN 22-5-3	1.4462	
022Cr25Ni6Mo2N	S22553			S31200		X3CrNiMoN 27-5-2	4460-312-00-I	X3CrNiMoN 27-5-2	1.4460	X3CrNiMoN 27-5-2	1.4460	
03Cr25Ni6Mo3Cu2N	S25554	SUS 329J4L	STS 329J4L	S32550	255	X2CrNiMoCuN 25-6-3		X2CrNiMoCuN 25-6-3	1.4507	X2CrNiMoCuN 25-6-3	1.4507	
022Cr25Ni7Mo4N	S25073			S32750	2507	X2CrNiMoN25-7-4	4410-327-50-E			X2CrNiMoN25-7-4	1.4410	
14Cr18Ni11Si4AlTi (1Cr18Ni11Si4AlTi)	S21860											15X18H12C4TiO
022Cr19Ni5Mo3Si2N (00Cr18Ni5Mo3Si2)	S21953											
12Cr21Ni5Ti (1Cr21Ni5Ti)	S22160											10X21H5T
022Cr23Ni5Mo3N	S22053			S32205	2205							
022Cr23Ni4MoCuN	S23043			S32304	2304	X2CrNiN 23-4				X2CrNiN 23-4	1.4362	
022Cr25Ni7Mo3WCuN	S22583			S31260								
022Cr25Ni7Mo4WCuN	S27603			S32760		X2CrNiMoCuWN 25-7-4				X2CrNiMoCuWN 25-7-4	1.4501	
				S82441		X2CrNiMnMoCuN24-4-3-2	4662-824-41-X			X2CrNiMnMoCuN24-4-3-2	1.4662	
						X2CrMnNiMoN21-5-3	4482-320-01-X				1.4482	
				S31500		X2CrNiMoSiMn19-5-3-2-2	4424-315-00-I				1.4424	
		SUS329J1		S32900	329	X6CrNiMo26-4-2	4480-329-00-U			(1.4480)		
S25554				S32550		X3CrNiMoCuN26-6-3-2	4507-325-50-X				1.4507	
S22583		SUS329J4L		S31260		X2CrNiMoN25-7-3	4481-312-60-J			(1.4481)		
				S32906		X2CrNiMoN29-7-2	4477-329-06-E				1.4477	
				S32707		X2CrNiMoCoN28-8-5-1	4658-327-07-U				1.4658	
				S33207		X2CrNiMoN31-8-4	4485-332-07-U			(1.4485)		
				S32205						X2CrNiMoN22-5-3	1.4462	
				S32304						X2CrNiN23-4	1.4362	03KH23N6
				S32750						X2CrNiMoN25-7-4	1.4410	
				S32750						X2CrNiMoCuWN25-7-4	1.4501	
				S32760								

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