

Library Fasteners DIN

Screws / Bolts

similar	
DIN 186	T-head bolts with square neck
DIN 188	T-head bolts with double nib
DIN 427	Slotted headless screws with chamfered end
DIN 444	Eye bolts
DIN 464	Knurled thumb screws; high type
DIN 571	Hexagon head wood screws
DIN 580	Lifting eye bolts
DIN 653	Knurled thumb screws; thin type
DIN 835	Studs - Metal end ~ 2d
DIN 910	Hexagon head screw plugs; heavy type, cylindrical thread
DIN 912	Hexagon socket head cap screws (modified version of ISO 4762)
DIN 923	Slotted pan head screws with shoulder
DIN 927	Slotted shoulder screws
DIN 931-2	Hexagon head bolts, metric thread M 42 to M 160 x 6, product grade B
DIN 938	Studs - Metal end ~ 1d
DIN 939	Studs - Metal end ~ 1,25d
DIN 6912	Hexagon socket thin head cap screws with pilot recess for wrench key
DIN 7513	Thread cutting screws - hexagon screws and slotted head screws
DIN 7984	Hexagon socket head cap screws with low head
DIN 7991	Hexagon socket head countersunk screws
DIN 7999	High tensile strength hexagon fit bolts with large width across flats for structural bolting
DIN 22424	Triangle head bolts
DIN EN 24014	Hexagon head bolts. Product grades A and B (ISO 4014:1988)
DIN EN 24015	Hexagon head bolts. Product grades B. Reduced shank (ISO 4015:1979)
DIN EN 24016	Hexagon head bolts. Product grade C (ISO 4016:1988)
DIN EN 24017	Hexagon head screws. Product grades A and B (ISO 4017:1988)
DIN EN 24018	Hexagon head screws. Product grade C (ISO 4018:1988)
DIN EN 28676	Hexagon head screws with metric fine pitch thread. Product grades A and B (ISO 8676:1988)
DIN EN 28765	Hexagon head bolts with metric fine pitch thread. Product grades A and B (ISO 8765:1988)
DIN EN ISO 1207	Slotted cheese head screws - Product grade A (ISO 1207:1992)
DIN ISO 1479	Hexagon head tapping screws (ISO 1479:1983)
DIN ISO 1481	Slotted pan head tapping screws (ISO 1481:1983)
DIN ISO 1482	Slotted countersunk (flat) head tapping screws (common head style) (ISO 1482:1983)
DIN ISO 1483	Slotted raised countersunk (oval) head tapping screws (common head style) (ISO 1483:1983)
DIN EN ISO 1580	Slotted pan head screws - Product grade A (ISO 1580:1994)
DIN EN ISO 2009	Slotted countersunk flat head screws (common head style) - Product grade A (ISO 2009:1994)
DIN EN ISO 2010	Slotted raised countersunk flat head screws - Product grade A (ISO 2010:1994)
DIN EN ISO 4762	Hexagon socket head cap screws
DIN EN ISO 7045	Pan head screws with type H or type Z cross recess - Product grade A (ISO 7045:1994)
DIN EN ISO 7046-1	Countersunk flat head screws (common head style) with type H or Z cross recess- Product grade A (ISO 7046-2:1990)
DIN EN ISO 7046-2	Cross recessed countersunk flat head screws (common head style) - Product grade A (ISO 7046-2:1990), Part 2: Steel of property class 8.8, stainless steel and non-ferrous metals
DIN EN ISO 7047	Countersunk raised head screws (common head style) with type H or Z cross recess, Product grade A (ISO 7047:1994)
DIN EN ISO 7049	Cross recessed pan head tapping screws (ISO 7049:1983)
DIN ISO 7050	Cross recessed countersunk (flat) head tapping screws (common head style) (ISO 7050:1983)

DIN ISO 7051	Cross recessed raised countersunk (oval) head tapping screws (ISO 7051:1983)
DIN ISO 10509	Hexagon flange head tapping screws (ISO 10509:1992)
DIN ISO 7053	Hexagon washer head tapping screws (ISO 7053:1992)
ISO 7379	Hexagon socket head shoulder screws
ISO 7380	Button head socket screws

Washers

similar	
DIN 93	Washers with tap
DIN 125-1	Product grade A washers with a hardness up to 250 HV, designed for use with hexagon head bolts and nuts
DIN 125-2	Product grade A washers with a hardness from 300 HV, designed for use with hexagon head bolts and nuts
DIN 126	Washers; Product grade C, primarily for hexagon bolts and nuts
DIN 128	Curved spring lock washers
DIN 137	Wave spring washers
DIN 432	Washers with external tap
DIN 433-1	Washers; Product grade A, up to hardness 250 HV, primarily for cheese head screws
DIN 433-2	Washers; Product grade A, from hardness 300 HV, primarily for cheese head screws
DIN 434	Square taper washers for U-sections
DIN 435	Square taper washers for I-sections
DIN 440	Washers; especially for wood constructions
DIN 463	Washer with 2 taps
DIN 470	Sealing washers
DIN 988	Shrim rings and supporting rings
DIN 1441	Washers for clevis pins, finish coarse
DIN 2093	Disc springs
DIN 6319	Spherical washers
DIN 6796	Conical spring washers for bolt/nut assemblies
DIN 6797	Toothed lock washers
DIN 6798	Serrated lock washers
DIN 6916	Round washers for high-tensile structural bolting
DIN 7349	Washers for bolts with heavy type spring pins
DIN 9021	Washers with outside diameter $\approx 3 \times$ nominal thread diameter
DIN EN 28738	Plain washers for clevis pins. Product grade A (ISO 8738:1986)

Nuts

similar	
DIN 431	Pipe nuts with thread according to DIN ISO 228 part 1
DIN 466	Knurled thumb nuts, high type
DIN 467	Knurled thumb nuts, thin type
DIN 582	Lifting eye nuts
DIN 917	Hexagon cap nuts, thin type
DIN 934	Hexagon nuts; Metric coarse and fine pitch thread, Product grades A and B
DIN 935-1	Hexagon slotted nuts and castle nuts with metric coarse and fine pitch thread; product grades A and B
DIN 980	Prevailing torque type hexagon nuts; all-metal nuts
DIN 981	Rolling bearings; Locknuts
DIN 982	Prevailing torque type hexagon nuts with non-metallic insert, high type
DIN 1587	Hexagon domed cap nuts, thick type
DIN 1804	Slotted round nuts for hook spanner
DIN 6331	Hexagon nuts 1,5 d with collar
DIN 11851	Fittings for food, chemical and pharmaceutical industry; Stainless steel screwed pipe connections; Design for rolling in and welding-on - Slotted union nuts
DIN EN 24032	Hexagon nuts; style 1; product grades A and B (ISO 4032:1986)

DIN EN 24033	Hexagon nuts, style 2; product grades A and B (ISO 4033:1979)
DIN EN 24034	Hexagon nuts; product grade C (ISO 4034:1986)
DIN EN 24035	Hexagon thin nuts (chamfered); product grades A and B (ISO 4035:1986)
DIN EN 24036	Hexagon thin nuts. Product grade B (unchamfered) (ISO 4036:1979)
DIN EN 28673	Hexagon nuts, style 1, with metric fine pitch thread. Product grades A and B (ISO 8673:1988)
DIN EN 28674	Hexagon nuts, style 2, with metric fine pitch thread. Product grades A and B (ISO 8674:1988)
DIN EN 28675	Hexagon thin nuts with metric fine pitch thread. Product grades A and B (ISO 8675:1988)
DIN EN ISO 7042	Prevailing torque type (all-metal) hexagon nuts

Rivets

similar	
DIN 124	Round head rivets; nominal diameters 10 to 36 mm
DIN 660	Round head rivets; nominal diameters 1 to 8 mm
DIN 661	Countersunk head rivets; nominal diameters 1 to 8 mm
DIN 674	Flat round head rivets; nominal diameters 1,4 to 6 mm - mounted (Buttonhead)
DIN 7337	Blind rivets with break mandrel
DIN 7338	Rivets for brake and clutch linings - mounted
DIN 7340	Tubular rivets cut from tube

Grooved pins

similar	
DIN EN ISO 8746	Grooved pins with round head
DIN EN ISO 8747	Grooved pins with countersunk head

Retaining elements

similar	
DIN 471	Retaining rings for shafts
DIN 472	Retaining rings for bores
DIN 705	Adjusting rings
DIN 983	Retaining rings with lugs for shafts
DIN 5406	Rolling bearings; Lockwashers; Safety plates, Lockclips
DIN 6799	Retaining washers for shafts
DIN 6883	Taper key torque transmission; Parallel keys
DIN 6884	Taper key torque transmission; Gib-head parallel keys
DIN 6885-1	Driving connections without draft; Parallel keys, Keyseats, deep pattern
DIN 6885-2	Driving connections without draft; Parallel keys, Keyseats, deep pattern for machine tools
DIN 6885-3	Driving connections without draft; Parallel keys, Keyseats, thin type
DIN 6886	Stressed-type Fastenings with Taper Action; Taper Keys, Keyways
DIN 6887	Stressed-type Fastenings with Taper Action; Taper Keys with Gip Head, Keyways
DIN 7967	Self locking counter nuts

Library Pins DIN

Pins

similar	
DIN 7	Parallel pins
DIN 94	Split pins
DIN 258	Taper pins with thread and constant taper length
DIN 913	Hexagon socket set screws with flat point, ISO 4026 modified

DIN 914	Hexagon socket set screws with cone point, ISO 4027 modified
DIN 915	Hexagon socket set screws with dog point, ISO 4028 modified
DIN 916	Hexagon socket set screws with cup point, ISO 4029 modified
DIN 976	Stud bolts; Metric thread
DIN 1143	Nails for use in automatic nailing machines
DIN 1144	Nails for light weight buildings slabs
DIN 1151	Round plain head nails
DIN 1152	Round nails with cold headed head
DIN 1157	Tin tacks
DIN 1158	Hook nails
DIN 1433	Clevis pins without head, finish m
DIN 1443	Clevis pins without head
DIN 1444	Clevis pins with head
DIN 1445	Clevis pins with head and threaded portion
DIN 1469	Grooved pins, half length grooved with gorge
DIN 7346	Spring-type straight pins - slotted, light duty
DIN EN 22338	Parallel pins, of unhardened steel and austenitic stainless steel
DIN EN 22339	Unhardened taper pins (ISO 2339:1986)
DIN EN 22340	Clevis pin without head, with cotter-pin hole
DIN EN 24766	Slotted set screws with flat point (ISO 4766:1983)
DIN EN 27434	Slotted set screws with cone point (ISO 7434:1983)
DIN EN 27435	Slotted set screws with long dog point (ISO 7435:1983)
DIN EN 27436	Slotted set screws with cup point (ISO 7436:1983)
DIN EN 28734	Parallel pins, of hardened steel and martensitic stainless steel
DIN EN 28735	Parallel pin with internal thread, of hardened steel and martensitic stainless steel
DIN EN 28736	Taper pins with internal thread, unhardened (ISO 8736: 1986)
DIN EN 28739	Full-length parallel grooved pins, with pilot (ISO 8739:1997)
DIN EN 28740	Full-length parallel grooved pins, with chamfer (ISO 8740:1997)
DIN EN 28741	Half-length reverse taper grooved pins (ISO 8741:1997)
DIN EN 28742	Grooved pins - Ohne-third-length centre grooved (ISO 8742:1997)
DIN EN 28744	Grooved pins - Full-length taper grooved (ISO 8744:1997)
DIN EN 28745	Grooved pins - Half-length taper grooved (ISO 8745:1997)
DIN EN 28752	Spring-type straight pins, slotted, heavy duty (ISO 8752:1997) - free
DIN EN ISO 1234	Split pins
DIN EN ISO 2338	Parallel pins, of unhardened steel and austenitic stainless steel
DIN EN ISO 8733	Parallel pins with internal thread, unhardened
DIN EN ISO 8734	Parallel pins, of hardened steel and martensitic stainless steel
DIN EN ISO 8735	Parallel pin with internal thread, of hardened steel and martensitic stainless steel
DIN EN ISO 8737	Taper pins with external thread, unhardened
DIN EN ISO 8748	Spring-type straight pins -coiled, heavy duty
DIN EN ISO 13337	Spring-type straight pins - slotted, light duty

Library Bearings DIN

similar

DIN 615	Rolling bearings; magneto-type ball bearings
DIN 617	Rolling bearings; needle roller bearings with cage (with inner race); dimensions series 48 and 49
DIN 618-1	Needle roller bearings; drawn cups with closed ends
DIN 625-1	Rolling bearings; single row radial contact ball bearings
DIN 625-3	Rolling bearings; double row radial contact ball bearings
DIN 628-1	Rolling bearings; angular contact radial ball bearing, single row
DIN 628-3	Rolling bearings; angular contact ball bearing, double row, with cage
DIN 628-4	Rolling bearings; angular contact radial ball bearing, single row; four-point contact bearing

DIN 628-5	Rolling bearings; angular contact radial ball bearing, double row, with spacer balls
DIN 630	Rolling bearings; self aligning ball bearing; double row with cylindrical, tapered bore
DIN 635-1	Rolling bearings; single-row self-aligning roller bearings
DIN 635-2	Rolling bearings; spherical roller bearings, double row
DIN 711	Rolling bearings; single direction thrust ball bearings
DIN 715	Rolling bearings; double direction thrust ball bearings
DIN 720	Rolling bearings; tapered roller bearings
DIN 722	Rolling bearings; single direction thrust cylindrical roller bearings
DIN 728	Single direction self-aligning thrust bearings with asymmetric rollers
DIN 1494	Plain bearings - Wrapped bushes for plain bearings
DIN 1850-3	Plain bearings - Sintermetal bushes
DIN 5405-1	Rolling bearings; needle roller bearings; needle roller and cage assemblies
DIN 5405-2	Rolling bearings; needle roller bearings; thrust needle roller and cage assemblies
DIN 5405-3	Rolling bearings; needle roller bearings; thrust washers
DIN 5412-1	Rolling bearings; cylindrical roller bearings, single row, with cage, thrust collar
DIN 5412-4	Roller bearings; Cylindrical roller bearings; Double row, with cage, increased accuracy
DIN 5415	Rolling bearings; Adapter sleeves
DIN 5429-1	Rolling bearings; Combined needle roller bearings, Needle-thrust roller bearing, Needle-thrust ball bearing
DIN 5429-2	Rolling bearings; Combined needle roller bearings; Needle angular contact ball bearings
DIN ISO 3547-1	Plain bearings - Wrapped bushes
DIN ISO 4379	Plain bearings - Copper alloy bushes

Library Structural Profiles DIN

similar

DIN 174	Bright flat steel
DIN 175	Bright polished round steel
DIN 176	Bright drawn hexagon steel
DIN 178	Bright square steel
DIN 668	Bright round steel; ISO tolerance zone h11
DIN 670	Bright round steel; ISO tolerance zone h8
DIN 671	Bright round steel; ISO tolerance zone h9
DIN 1013	Hot-rolled round steel bar
DIN 1014	Hot-rolled square steel bar
DIN 1017	Hot-rolled flat steel bar
DIN 1018	Hot-rolled half-round steel bar
DIN 1018	Hot-rolled half-oval steel bar
DIN 1024	Hot-rolled round-edged high-webbed T section
DIN 1024	Hot-rolled round-edged wide-bottom T section
DIN 1025-1	Hot-rolled narrow flange I beams, I series
DIN 1025-2	Hot-rolled wide flange I beams, IPB series
DIN 1025-3	Hot-rolled wide flange I-beams, IPBI series
DIN 1025-4	Hot-rolled wide flange I-beams, IPBv series
DIN 1025-5	Hot-rolled I-beams, IPE series
DIN 1025-5	Hot-rolled I-beams, IPEo series
DIN 1025-5	Hot-rolled I-beams, IPEv series
DIN 1026	Hot-rolled round-edged channel
DIN 1027	Hot-rolled round-edged Z section
DIN 1028	Hot-rolled equal leg round-edged angle
DIN 1029	Hot-rolled unequal leg round-edged angle
DIN 2395-1	Rectangular and square welded precision steel tubes

DIN 2448	Seamless steel tubes
DIN 2458	Welded steel tubes
DIN 11850	Tubes for food, chemical and pharmaceutical industry - Stainless steel tubes
DIN 59051	Hot-rolled sharp-edged T section
DIN 59410	Hot-worked square steel tubes
DIN 59410	Hot-worked rectangular steel tubes
DIN 59411	Cold-worked welded square steel tubes
DIN 59411	Cold-worked welded rectangular steel tubes

Library Plant design
components DIN

Plant design components

similar	
DIN 99	Control elements; Tapered handles
DIN 179	Press fit jig bushes
DIN 319	Control elements, Ball knobs
DIN 906	Hexagon socket pipe plugs, conical thread
DIN 908	Hexagon socket screw plugs, cylindrical thread
DIN 1592	Heavy pipe clips with pipe-tightening; single-ended for rail vehicles
DIN 1593	Heavy pipe clips with pipe-tightening; double-ended for rail vehicles
DIN 1596	Light pipe clips with pipe-tightening; single-ended for rail vehicles
DIN 1597	Light pipe clips with pipe-tightening; double-ended for rail vehicles
DIN 2527	Blind flanges, nominal pressures 6 to 100
DIN 2558	Oval screwed flanges, nominal pressure 6
DIN 2561	Oval screwed flanges, nominal pressures 10 and 16
DIN 2566	Screwed flanges, nominal pressures 10 and 16
DIN 2573	Flanges for soldering or welding, nominal pressure 6
DIN 2576	Flanges for soldering or welding, nominal pressure 6
DIN 2605	Tube bends for butt welding
DIN 2606	Tube bends of steel for butt welding, 5d-type
DIN 2615	Butt welding fittings, tees
DIN 2616	Butt welding fittings, reducers
DIN 2617	Butt welding fittings, caps
DIN 2618	Butt welding fittings, welding saddles, nominal pressure 16
DIN 2619	Butt welding fittings, bends for welding, nominal pressure 16
DIN 2627	Welding neck flanges, nominal pressure 400
DIN 2628	Welding neck flanges, nominal pressure 250
DIN 2629	Welding neck flanges, nominal pressure 320
DIN 2630	Welding neck flanges, nominal pressures 1 and 2,5
DIN 2631	Welding neck flanges, nominal pressure 6
DIN 2632	Welding neck flanges, nominal pressure 10
DIN 2633	Welding neck flanges, nominal pressure 16
DIN 2634	Welding neck flanges, nominal pressure 25
DIN 2635	Welding neck flanges, nominal pressure 40
DIN 2636	Welding neck flanges, nominal pressure 64
DIN 2637	Welding neck flanges, nominal pressure 100
DIN 2638	Welding neck flanges, nominal pressure 160
DIN 2641	Plain collars, nominal pressure 6
DIN 2641	Welding collars, nominal pressure 6
DIN 2641	Lapped flanges, nominal pressure 6
DIN 2642	Plain collars, nominal pressure 10
DIN 2642	Welding collars, nominal pressure 10
DIN 2642	Lapped flanges, nominal pressure 10
DIN 2655	Plain collars, nominal pressure 25
DIN 2655	Lapped flanges, nominal pressure 25

DIN 2656	Plain collars, nominal pressure 40
DIN 2656	Lapped flanges, nominal pressure 40
DIN 2673	Collars, nominal pressure 10
DIN 2673	Lapped flanges, nominal pressure 10
DIN 2950	Malleable cast iron pipe fittings; elbows
DIN 2950	Malleable cast iron pipe fittings; tees
DIN 2950	Malleable cast iron pipe fittings; crosses
DIN 2950	Malleable cast iron pipe fittings; short bends
DIN 2950	Malleable cast iron pipe fittings; bend tees, double bend tees
DIN 2950	Malleable cast iron pipe fittings; long bends
DIN 2950	Malleable cast iron pipe fittings; sockets
DIN 2950	Malleable cast iron pipe fittings; reduced nipples with external and internal thread
DIN 2950	Malleable cast iron pipe fittings; screw cap, check nut
DIN 2950	Malleable cast iron pipe fittings; caps and plugs
DIN 2950	Malleable cast iron pipe fittings; pipe unions
DIN 2950	Malleable cast iron pipe fittings; threaded pipe angles
DIN 2950	Malleable cast iron pipe fittings; angular and tee distributors
DIN 2981	Threaded steel pipe fittings; long screws
DIN 2982	Threaded steel pipe fittings; nipples, barrel nipples
DIN 2983	Threaded steel pipe fittings; bends
DIN 2986	Threaded steel pipe fittings; sockets
DIN 2987, Teil 1	Threaded steel pipe fittings; crosses, tees, elbows
DIN 2987, Teil 2	Threaded steel pipe fittings; tees, elbows, reduced
DIN 2988	Threaded steel pipe fittings; sockets, reduced
DIN 2990	Threaded steel pipe fittings, bushings
DIN 2990	Threaded steel pipe fittings, hexagon nipples
DIN 2991	Threaded steel pipe fittings, caps
DIN 2991	Threaded steel pipe fittings, plugs
DIN 3017-1	Hose clamps with worm gear drive, shape A
DIN 3404	Lubricating nipples, button head
DIN 3567	Pipe clamps for nominal diameter 20 to 500
DIN 6335	Control elements; Palm grips
DIN 6336	Control elements; Star grips
DIN 11851	Fittings for food, chemical and pharmaceutical industry; Stainless steel screwed pipe connections; Design for rolling in and welding-on - Adapter nipples, Tapered nipples
DIN 11852	Valves for food and chemical industries; Stainless steel fittings
DIN 71412	Lubricating nipples, cone type
DIN 72571	Pipe clamps, one-sided fastening
DIN 72571	Pipe clamps, one-sided fastening
DIN 72573	Pipe clamps, two-sided fastening
DIN 72573	Pipe clamps, two-sided fastening
DIN 72573	Pipe clamps, two-sided fastening
DIN EN 10242	Malleable cast iron fittings
DIN ISO 8139	Pneumatic fluid power; Cylinders, 10 bar series; Rod end spherical eyes
DIN ISO 8140	Pneumatic fluid power; Cylinders, 10 bar series; Rod end clevis

Seals

similar	
DIN 2690	Sealing for flanges with plain contact surfaces, nominal pressure 1 to 40
DIN 2691	Sealing for flanges with nominal pressure 10 to 160
DIN 2692	Sealing for flanges with recess, nominal pressure 10 to 100
DIN 2693	Sealing rings for flanges with groove, nominal pressure 10 to 40
DIN 2695	Diaphragm-seals for flanges connections, nominal pressures 64 to 400
DIN 2696	Lenses for flanges, nominal pressures 64 to 400
DIN 2697	Grooved packings for flanged connections, nominal pressures 64 to 400

DIN 3771-5	Fluid systems; O-Rings
DIN 5419	Feltrings for roller bearing's case
DIN 7603 A	Sealing rings
DIN 7603 C	Sealing rings
DIN 7603 D	Sealing rings
DIN 11851	Fittings for food, chemical and pharmaceutical industry; Stainless steel screwed pipe connections; Design for rolling in and welding-on - Sealing rings

Library Fasteners ANSI

Screws / Bolts inch

similar

ANSI B18.2.1	Heavy hex structural bolt
ANSI B18.2.1	Hex bolt
ANSI B18.2.1	Heavy hex structural bolt
ANSI B18.2.1	Square bolt
ANSI B18.2.1	Hex cap screw
ANSI B18.2.1	Heavy hex screw
ANSI B18.3	Hexagon socket head cap screw
ANSI B18.3	Spline socket head cap screw
ANSI B18.3	Hexagon socket flat countersunk head cap screw
ANSI B18.3	Spline socket flat countersunk head cap screw
ANSI B18.3	Hexagon socket button head cap screw
ANSI B18.3	Spline socket button head cap screw
ANSI B18.3	Hexagon socket head shoulder screw
ANSI B18.5	Round head bolt
ANSI B18.5	Round head square neck bolt
ANSI B18.5	T-head bolt
ANSI B18.5	Round head short square neck bolt
ANSI B18.5	Step bolt
ANSI B18.5	114 degree countersunk square neck bolt
ANSI B18.5	Countersunk bolt
ANSI B18.5	Slotted countersunk bolt
ANSI B18.5	Round head fin neck bolt
ANSI B18.6.2	Slotted flat countersunk head cap screw
ANSI B18.6.2	Slotted fillister head cap screw
ANSI B18.6.2	Slotted round head cap screw
ANSI B18.6.3	Slotted 100-degree flat countersunk head maschine screw
ANSI B18.6.3	Slotted flat countersunk head maschine screw
ANSI B18.6.3	Slotted close tolerance 100-degree flat countersunk head maschine screw
ANSI B18.6.3	Slotted undercut flat countersunk head maschine screw
ANSI B18.6.3	Slotted hex washer head maschine screw
ANSI B18.6.3	Slotted truss head maschine screw
ANSI B18.6.3	Slotted hexagon head maschine screw
ANSI B18.6.3	Slotted hexagon head maschine screw
ANSI B18.6.3	Slotted pan head maschine screw
ANSI B18.6.3	Slotted fillister head maschine screw
ANSI B18.6.3	Slotted drilled fillister head maschine screw
ANSI B18.6.3	Slotted oval countersunk head maschine screw
ANSI B18.6.3	Slotted binding head maschine screw
ANSI B18.6.3	Slotted undercut oval countersunk head maschine screw
ANSI B18.6.3	Slotted round head maschine screw

ANSI B18.6.4 Thread forming tapping screw (thread types AB, B, F; pan, hexagon washer, truss, flat countersunk head; slotted, type II)

Washers inch

similar

ANSI B18.21.1	Internal tooth lock washer
ANSI B18.21.1	External tooth lock washer
ANSI B18.21.1	Helical spring lock washer
ANSI B18.22.1	Plain washer type A
ANSI B18.22.1	Plain washer type B

Nuts inch

similar

ANSI B18.2.2	Hex nut
ANSI B18.2.2	Hex flat jam nut
ANSI B18.2.2	Heavy hex flat jam nut
ANSI B18.2.2	Heavy hex nut
ANSI B18.2.2	Heavy hex flat nut
ANSI B18.2.2	Square nut
ANSI B18.2.2	Heavy square nut
ANSI B18.2.2	Heavy square flat jam nut
ANSI B18.2.2	Hex thick nut
ANSI B18.2.2	Hex flat nut
ANSI B18.2.2	Hex jam nut
ANSI B18.2.2	Heavy hex jam nut
ANSI B18.2.2	Hex slotted nut
ANSI B18.2.2	Hex thick slotted nut
ANSI B18.2.2	Heavy hex slotted nut
ANSI B18.6.3	Square machine screw nut
ANSI B18.6.3	Hex machine screw nut

Screws / Bolts metric

similar

ANSI B18.6.7M	Slotted flat countersunk head metric machine screw
ANSI B18.6.7M	Slotted oval countersunk head metric machine screw
ANSI B18.6.7M	Slotted pan head metric machine screw
ANSI B18.6.7M	Hex head metric machine screw
ANSI B18.6.7M	Hex flange head metric machine screw
ANSI B18.2.3.1M	Metric hex cap screw
ANSI B18.2.3.2M	Metric hex cap screw
ANSI B18.2.3.3M	Metric heavy hex screw
ANSI B18.2.3.4M	Metric hex flange screw
ANSI B18.2.3.5M	Metric hex bolt
ANSI B18.2.3.6M	Metric heavy hex bolt
ANSI B18.2.3.7M	Metric heavy hex structural bolt
ANSI B18.2.3.9M	Metric heavy hex flange screw
ANSI B18.3.1M	Hexagon socket head cap screw - Metric series
ANSI B18.3.1M	Spline socket head cap screw - Metric series
ANSI B18.5.2.2M	Metric round head square neck bolt

Washers metric

similar

ANSI B18.22M-B Metric plane washer

Nuts metric

similar

ANSI B18.2.4.1M	Metric hex nut, style 1
ANSI B18.2.4.2M	Metric hex nut, style 2
ANSI B18.2.4.3M	Metric hex slotted nut
ANSI B18.2.4.4M	Metric hex flange nut
ANSI B18.2.4.5M	Metric hex jam nut
ANSI B18.2.4.6M	Metric heavy hex nut

Library Pins ANSI

similar

ANSI B 18.8.1	American National Standard Cotter Pins
ANSI B 18.8.1	American National Standard Clevis Pins
ANSI B 18.8.2	American National Standard Hardened Ground Machine Dowel Pins
ANSI B 18.8.2	American National Standard Hardened Ground Production Dowel Pins
ANSI B 18.8.2	American National Standard Unhardened Ground Dowel Pins
ANSI B 18.8.2	American National Standard Chamfered and Square End Straight Pins
ANSI B 18.8.2	American National Standard Taper Pins
ANSI B 18.8.2	American National Standard Grooved Pins, Types A-G
ANSI B 18.8.2	American National Standard Grooved T-Head Cotter Pins
ANSI B 18.8.2	American National Standard Round Head Grooved Drive Studs
ANSI B 18.8.2	American National Standard Slotted Type Spring Pins, Style 1-2
ANSI B 18.8.2	American National Standard Coiled Type Spring Pins

Library Bearings ANSI

similar

AFBMA Std.12.1	Instrument ball bearings - metric design (types: BC NFEW, FEW, NFWI, FWI)
AFBMA Std.12.2	Instrument ball bearings - inch design (types: BC NFEW, FEW, NFWI, FWI)
AFBMA Std.18.1	Needle roller bearings, radial - metric design (types: NB, NBM, NH, NHM, NY, NYM, NA, NR, NM)
AFBMA Std.18.2	Needle roller bearings, radial - inch design (types: NIB, NIBM, NIH, NIHM, NIY, NIYM, NIA, NIR, NIM)
AFBMA Std.20	Radial bearings of ball, cylindrical roller and spherical roller types - metric design (types: BC, RU, RJ, RN, RF, RP, RT, BC w. ring and flange, RU w. ring, RJ w. ring, RN w. ring, RF w. ring, RP w. ring, RT w. ring)
AFBMA Std.21.1	Thrust needle roller and cage assemblies and thrust washers, metric design (types: NT, NTW)
AFBMA Std.21.2	Thrust needle roller and cage assemblies and thrust washers, inch design (types: TNR, TNP)
AFBMA Std.24.1	Thrust bearings of ball, cylindrical roller and spherical roller types - metric design (types: TA, TDA, TP, TS)
AFBMA Std.24.2	Thrust bearings of ball, cylindrical roller types - inch design (types: TB, TBF, TP, TPC, TR)

Library Structural **Profiles AISC**

similar

AA	Aluminium Channels
AA	Aluminium I-Beams
AISC	HP sections
AISC	M sections
AISC	MC sections
AISC	MT sections
AISC	ST sections
AISC	Steel Angles with Equal Legs
AISC	Steel Angles with Unequal Legs
AISC	Steel Channels
AISC	Steel S Sections
AISC	W sections
AISC	WT sections
ANSI B 36.10M	Wrought Steel Pipes
	Rectangular steel tubes
	Square steel tubes
	Welded rectangular steel tubes
	Welded square steel tubes
	Steel Wide-Flange Sections

Library Fasteners UNI

Screws / Bolts

similar

UNI EN 24766	Slotted set screws with flat point (ISO 4766:1983)
UNI EN 24014	Hexagon head bolts. Product grades A and B (ISO 4014:1988)
UNI EN 24016	Hexagon head bolts. Product grade C (ISO 4016:1988)
UNI EN 24017	Hexagon head screws. Product grades A and B (ISO 4017:1988)
UNI EN 24018	Hexagon head screws. Product grade C (ISO 4018:1988)
UNI EN 28765	Hexagon head bolts with metric fine pitch thread. Product grades A and B (ISO 8765:1988)
UNI EN 28676	Hexagon head screws with metric fine pitch thread. Product grades A and B (ISO 8676:1988)
UNI EN ISO 1207	Slotted cheese head screws - Product grade A (ISO 1207:1992)
UNI EN ISO 1479	Hexagon head tapping screws (ISO 1479:1983)
UNI EN ISO 1481	Slotted pan head tapping screws (ISO 1481:1983)
UNI EN ISO 1482	Slotted countersunk (flat) head tapping screws (common head style) (ISO 1482:1983)
UNI EN ISO 1483	Slotted raised countersunk (oval) head tapping screws (common head style) (ISO 1483:1983)
UNI EN ISO 1580	Slotted pan head screws - Product grade A (ISO 1580:1994)
UNI EN ISO 2009	Slotted countersunk flat head screws (common head style) - Product grade A (ISO 2009:1994)
UNI EN ISO 2010	Slotted raised countersunk flat head screws - Product grade A (ISO 2010:1994)
UNI EN ISO 7045	Pan head screws with type H or type Z cross recess - Product grade A (ISO 7045:1994)
UNI EN ISO 7046-1	Countersunk flat head screws (common head style) with type H or Z cross recess- Product grade A (ISO 7046-2:1990)
UNI EN ISO 7046-2	Cross recessed countersunk flat head screws (common head style) - Product grade A (ISO 7046-2:1990), Part 2: Steel of property class 8.8, stainless steel and non-ferrous metals

UNI EN ISO 7047	Countersunk raised head screws (common head style) with type H or Z cross recess, Product grade A (ISO 7047:1994)
UNI ISO 7050	Cross recessed countersunk (flat) head tapping screws (common head style) (ISO 7050:1983)
UNI ISO 7051	Cross recessed raised countersunk (oval) head tapping screws (ISO 7051:1983)
UNI EN 27434	Slotted set screws with cone point (ISO 7434:1983)
UNI EN 27435	Slotted set screws with long dog point (ISO 7435:1983)
UNI EN 27436	Slotted set screws with cup point (ISO 7436:1983)

Nuts

similar

UNI EN 24032	Hexagon nuts; style 1; product grades A and B (ISO 4032:1986)
UNI EN 24033	Hexagon nuts, style 2; product grades A and B (ISO 4033:1979)
UNI EN 24034	Hexagon nuts; product grade C (ISO 4034:1986)
UNI EN 24035	Hexagon thin nuts (chamfered); product grades A and B (ISO 4035:1986)
UNI EN 24036	Hexagon thin nuts. Product grade B (unchamfered) (ISO 4036:1979)
UNI EN 28673	Hexagon nuts, style 1, with metric fine pitch thread. Product grades A and B (ISO 8673:1988)
UNI EN 28674	Hexagon nuts, style 2, with metric fine pitch thread. Product grades A and B (ISO 8674:1988)
UNI EN 28675	Hexagon thin nuts with metric fine pitch thread. Product grades A and B (ISO 8675:1988)

Library Pins UNI

Pins

similar

UNI EN 22339	Unhardened taper pins (ISO 2339:1986)
UNI EN 22340	Clevis pin without head, with cotter-pin hole
UNI EN 28734	Parallel pins, of hardened steel and martensitic stainless steel
UNI EN 28735	Parallel pin with internal thread, of hardened steel and martensitic stainless steel
UNI EN 28736	Taper pins with internal thread, unhardened (ISO 8736: 1986)
UNI EN 28737	Taper pins with external thread, unhardened
UNI EN 28739	Full-length parallel grooved pins, with pilot (ISO 8739:1997)
UNI EN 28740	Full-length parallel grooved pins, with chamfer (ISO 8740:1997)
UNI EN 28741	Half-length reverse taper grooved pins (ISO 8741:1997)
UNI EN 28742	Grooved pins - Ohne-third-length centre grooved (ISO 8742:1997)
UNI EN 28744	Grooved pins - Full-length taper grooved (ISO 8744:1997)
UNI EN 28745	Grooved pins - Half-length taper grooved (ISO 8745:1997)
UNI EN 28748	Spring-type straight pins -coiled, heavy duty
UNI EN 28752	Spring-type straight pins, slotted, heavy duty (ISO 8752:1997) - free
UNI EN ISO 8733	Parallel pins with internal thread, unhardened