

DIN/ISO/EN



## Standardised Products

DIN 1 (ISO 2339**)		taper pins
DIN 7 (ISO 2338**)		parallel pins
DIN 39		fixed ball handles
DIN 84 (ISO 1207***)		slotted cheese head screws
DIN 85 (ISO 1580**)		slotted pan head screws
(ISO 7380) (ISO 14583)		slotted mushroom head screws
„ISR“		– „slotted cup head bolts“ art. 88107 – with hexagon socket – with hexalobular socket (~TORX)
		cap bolts (article 88981/88003), bolts for number plates and balcony with caps
DIN 93		tap washers with a long tap
DIN 94 (ISO 1234*)		split pins
DIN 94		split pins assortment (article 82094)
		linch pins, spring cotter pins (→ DIN 11023/11024)
DIN 95		slotted raised countersunk head wood screws
DIN 96		slotted round head wood screws
DIN 97		slotted countersunk head wood screws
		theft resistant screws = half round wood screws with hexagon socket and rivet pin (article 88110)
„ISR“		countersunk wood screws, countersunk head wood screws up to 12 x 600 with hexalobular drive/head (~TORX) – chipboard screws (article 88098) – SPAX screws (article 88091) – SPAX special screws (article 88192-88197)
		cheese head screws with hexagon socket or hexalobular drive (~TORX), wood screws/taper screws thread (article 88312)
		chipboard screws/SPAX screws with cross recess type Z (article 88091-88099) – raised countersunk head – round head – countersunk head

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St		A1-A5	Br
St		A1-A5	Br
St			AL plastic
4.8 5.8 8.8	ZP NP Cr	A1-A5	Br Cu-alloy Al plastic
4.8 5.8 8.8	ZP NP Cr	A1-A5	Br Cu-alloy Al plastic
4.6 5.8 8.8 10.9 12.9	ZP NP Cr	A1-A5	Br
4.8 St hard.	ZP NP	A2	Br
St	ZP	A2 A4	Br Cu Al
St	ZP	A2 A4	Br Cu Al
St	ZP		
St	ZP	A2 A4	
St	ZP HDG NP Cr Br browned emaled	A2 A4	Br Cu Cu-alloy Al
St	ZP HDG browned		
St hard. waxed	ZP	A2 A4	
St hard.	ZP NP	A2 A4	
St hard. waxed	ZP	A2	Br

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn  
 without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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### Standardised Products

		SPAX screws assortment (article 88478/88479)
		chipboard screws/ SPAX screws, magazined (banded) chipboard screws, magazined
DIN 97		slotted countersunk head wood screws with inner hole
		chipboard screws/SPAX screws countersunk head with cross recess and inner hole (article 88099)
		caps for wood screws and chipboard screws with inner hole or with cross recess flat, half round, rustic (article 88000-88003)
DIN 98		rotatable ball handles
DIN 99		tapered handles
		clamping lever and tension lever
DIN 123 DIN 124 (ISO 1051)		round rivets, nominal diameter 10-36 mm
DIN 125 (→ISO 7089*/ 7090*)		plain washers, type A = no chamfer, type B = with chamfer plain washers, hardened → ISO 7089/7090
DIN 125 125/127		washers assortment washers/spring lock washers assortment (article 82125/82127)
DIN 126 (ISO 7091*)		plain washers plain washers ("type 1") (article 88100)"
		collar washers (article 88499/88965)
DIN 127 <sup>①</sup>		spring lock washers
		spring lock washers, double
DIN 128 <sup>①</sup>		spring washers (mandrel spring washers)
DIN 137 <sup>①</sup>		spring washers type A = convex, type B = corrugated
		TECKENTRUP lock washers for hexagon head screws and hexagon socket head cap screws (article 88123-88129)
		lock rings (article 88130/88131)

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St hard. waxed	ZP		
St	ZP	A2 A4	Br
St hard. waxed	ZP		plastic
St			Al plastic
St		A2	
St	browned		ZP/plastic plastic
St			
St hard.	ZP HDG mechZP flZn	A2 A4	Br Cu Al plastic
St hard.	NP Cr		
St	ZP HDG		
St	NP Cr	A2 A4	Br Al
SSt	ZP HDG flZn	1.4310 A4	bronze
SSt	ZP HDG		
SSt	ZP HDG	1.4310 A4	bronze
SSt	ZP	1.4310	bronze
SSt	mechZP flZn	1.4568	
SSt	ZP flZn	1.4310	bronze

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### Standardised Products

		SCHNORR locking washers serrated both sided, S, VS (article 88120, 88121)
		NORD-LOCK washers-pair (article 88132)
DIN 186		T-head bolts with square neck
DIN 188		T-head bolts with double nip
		T-head bolts/hook bolts for profile (article 88928-88950)
		T-head/hook head threaded plates (slide nuts) for profile (article 88951-88955)
DIN 258 (ISO 8737**)		taper pins with external thread, constant taper length
DIN 261		T-head bolts
DIN 268 DIN 271		tangential keys
DIN 302 (ISO 1051)		countersunk rivets, nominal diameter 10-36 mm
DIN 314 DIN 315		wing nuts, rounded or edged wings wing nuts, small version (article 88215)
DIN 316 DIN 318		wing screws, rounded or edged wings
DIN 319		ball knobs
DIN 338 DIN 340		twist drills with straight shank
DIN 388 DIN 390		hand wheels
DIN 404		slotted capstan screws
DIN 417 (ISO 7435*)		slotted grub screws with full dog point
DIN 427 (ISO 2342*)		slotted headless screws with chamfered end
DIN 431		pipe nuts
DIN 432 <sup>①</sup>		washers with external tap
DIN 433 (ISO 7092*)		washers for cheese head screws

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St hard.	ZP mechZP flZn	A2 A4	
St hard.	ZP flZn	A4	
St	ZP HDG	A2 A4	
St	ZP HDG	A2 A4	
4.6	ZP	A2 A4	
St	ZP	A2 A4	
St		A1 A2	
St	ZP HDG	A2 A4	
St			
St			
St			
St MCI	ZP NP	A2 A4	Br plastic
ST MCI	ZP NP	A2	Br plastic
St			plastic
St hard.			
MCI			plastic Al
ST	ZP NP Cr	A1-A5	Br
14 H	ZP	A1-A5	Br
14 H	ZP	A1-A5	Br
14 H	ZP	A1-A5	Br
St	ZP	A2 A4	Br Cu
St hard.	ZP mechZP NP Cr	A2 A4	Br

* DIN: ISO/EN identical = interchangeable ** DIN: ISO/EN mostly interchangeable *** standard conversion DIN : ISO (→ Technical Information page 62)	① DIN standard withdrawn without replacement	Driving features: H = cross recess Phillips Z = cross recess pozidriv ISR/TORX = hexalobular socket	steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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### Standardised Products

DIN 434		square taper washers for U sections (taper 8 %)
DIN 435		square taper washers for I sections (taper 14 %)
DIN 436		square washers
DIN 438 (ISO 7436*)		slotted grub screws with cup point
DIN 439 (→ISO 4035/ 8675***)		hexagon thin nuts type A = without chamfer, type B = with chamfer
DIN 440 (ISO 7094*)		washers for wood constructions type R = round hole, type V = square hole
DIN 442 DIN 443		sealing push-in type caps
DIN 444		eye bolts
DIN 462		internal tab washers (for slotted nuts DIN 1804)
DIN 463 <sup>①</sup>		washers with 2 taps
DIN 464		knurled thumb screws
DIN 466		knurled nuts, high type
DIN 467		knurled nuts, low type
DIN 468 DIN 469		crank handles
DIN 470		sealing discs
DIN 471		retaining rings for shafts, normal type, heavy type
DIN 471		assortment of retaining rings for shafts (article 82471)
		axle clamping rings, quick fastener- springs/caps (QUICKLOCK/STARLOCK)
DIN 472		retaining rings for bores normal type, heavy type

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP HDG	A2 A4	
St	ZP HDG	A2 A4	
St	ZP HDG	A2 A4	
14 H	ZP NP	A1-A5	Br
04, 11 H 05, 14 H	ZP NP Cr	A1-A5	Br
St	ZP HDG		
St	ZP		
St	ZP	A1-A5	Br
St	ZP	A2 A4	Br Cu
St	ZP	A2 A4	Br Cu
St	ZP NP Cr	A1-A5	Br Al plastic
5	ZP NP Cr	A1-A5	Br Al plastic
5	ZP NP Cr	A1-A5	Br Al
MCI St			
St	ZP		
SSt	ZP	1.4034 1.4122 1.4310 1.4568	bronze
SSt			
SSt	mechZP		
SSt	ZP	1.4034 1.4122 1.4310 1.4568	

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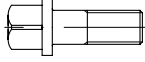
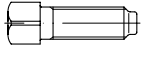


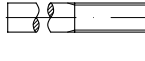
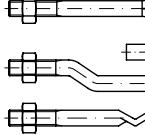
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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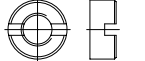




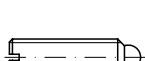




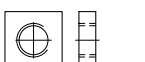

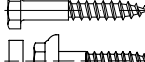

DIN/ISO/EN



**Standardised Products**

- DIN 478  square head bolts with collar
- DIN 479  square head bolts with dog point
- DIN 480  square head bolts with collar, short dog point and rounded end
- DIN 508 (ISO 299\*)  T-slot nuts
- DIN 525  studs for welding
- DIN 529  masonry bolts (anchor bolts)

plugs and anchors → **REYHER®  
FIXING  
SYSTEMS**

- DIN 546  slotted round nuts
- DIN 547  double-pin nuts
- DIN 548  capstan nuts
- DIN 551 (ISO 4766\*)  slotted grub screws with flat point
- DIN 553 (ISO 7434\*)  slotted grub screws with cone point
-  slotted spring loaded thrust pad
- DIN 555 (ISO 4034\*\*\*)  hexagon nuts
- DIN 557  square nuts
- DIN 558 (ISO 4018\*\*\*)  hexagon head screws, thread up to head
- DIN 561  hexagon head set screws with dog point
- DIN 562  square thin nuts
- DIN 564  hexagon head set screws with short dog point and flat cone end
- DIN 571  hexagon head wood screws
-  plastic sealings/caps for hexagon head, wood screws for corrugated roof panels (article 88005)

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
5.8 8.8 10.9	ZP		
5.8 8.8 10.9	ZP		
5.8 8.8 10.9	ZP		
ST -QT			
3.6		A2 A4	
3.6	ZP HDG	A2 A4	
St	ZP NP Cr	A1-A5	Br Al
St	ZP NP Cr	A1-A5	Br Al
St	ZP NP	A1-A5	Br Al
14 H	ZP NP Cr	A1-A5	Br plastic
14 H	ZP NP Cr	A1-A5	Br plastic
14 H	ZP browned	A2	
5 5-2	ZP HDG		plastic
5	ZP HDG		
4.6	ZP HDG		plastic
14 H 22 H	ZP	A1-A5	
04 11 H	ZP NP Cr	A2 A4	Br Al
14 H 22 H	ZP	A1-A5	
St	ZP HDG	A2 A4	Br
St	HDG	A2 A4	plastic

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 (→ Technical Information page 62)

① DIN standard withdrawn without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

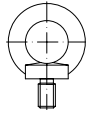
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



**Standardised Products**

DIN 580



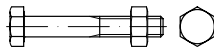
lifting eye bolts

DIN 582



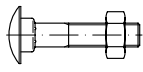
lifting eye nuts

DIN 601  
(ISO 4016\*\*\*)



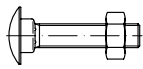
hexagon head bolts

DIN 603  
(ISO 8677/  
8678\*\*)



cup head square neck bolts

DIN 603

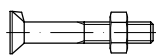


cup head square neck bolts,  
thread up to square neck



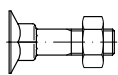
slotted cup head bolts  
(article 88107)

DIN 604



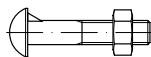
flat countersunk nib bolts

DIN 605



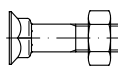
flat countersunk square neck bolts

DIN 607



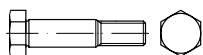
cub head nib bolts

DIN 608



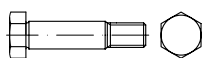
flat countersunk square neck bolts  
with short square

DIN 609



hexagon fit bolts with long thread

DIN 610 ①



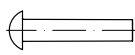
hexagon fit bolts with short thread

DIN 653



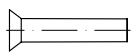
knurled thumb screws, low type

DIN 660  
(ISO 1051\*)

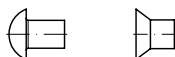


round head rivets

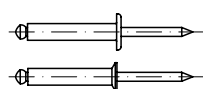
DIN 661  
(ISO 1051\*)



countersunk head rivets

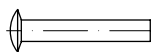


mower knife rivets, half-round or countersunk



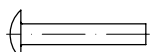
blind rivets  
→ DIN 7337 → **REYHER®  
FIXING  
SYSTEMS**

DIN 662  
(ISO 1051\*)



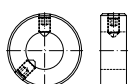
mushroom head rivets (sheet metal rivets)

DIN 674  
(ISO 1051\*)



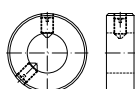
flat round head rivets

DIN 703 ①



adjusting rings, heavy range

DIN 705



adjusting rings, light range

DIN 741



clips for wire ropes

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
C 15 E	ZP HDG	A2-A5	
C 15 E	ZP HDG	A2-A5	
4.6	ZP HDG		
3.6 4.6 8.8	ZP HDG	A2 A4	Br plastic
St	ZP		
4.6 5.8	ZP NP	A1-A5	Br
4.6 8.8	ZP		
4.6	ZP		
4.6 8.8	ZP		
5.6 8.8		A2 A4	
5.6 8.8		A2 A4	
St	ZP NP Cr	A1-A5	Br
St		A2 A4	Br Cu
St		A2 A4	Br Cu
St			
St	ZP painted	A2 A4	Cu Al-alloy plastic
St		A2	Br Cu
St			Br Al Cu
St	ZP	A1-A5	
St	ZP	A1-A5	
St	ZP		

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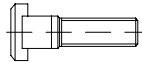
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



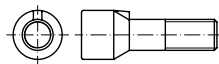
**Standardised Products**

DIN 787  
(ISO 229\*)



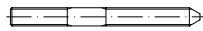
T-slot screws

DIN 792



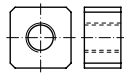
countersunk cheese head screws

DIN 797



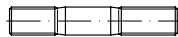
anchor bolts

DIN 798



anchor nuts

DIN 835

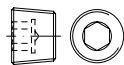


studs, metal end = 2 d

DIN 906



hexagon socket pipe plugs with taper thread



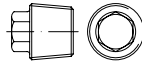
hexagon socket pipe plugs, taper thread acc. to USA-/BS-Standard, types: NPTF, PTF, BSPT

DIN 908



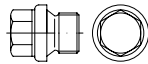
hexagon socket pipe plugs with cylindrical thread

DIN 909

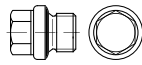


hexagon head pipe plugs with taper thread

DIN 910

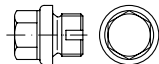


hexagon head screw plugs with cylindrical thread regular type or light type

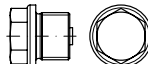


screw plugs with sealing ring  
- with hexagon (DIN 910/DIN 5586)  
- with hexagon socket (DIN 908)

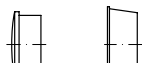
DIN 910-2



hexagon head pipe plugs with collar and ventilation, with melted sealing (~DIN 5586)

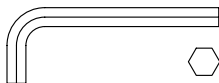


hexagon head pipe plugs with magnet „PM“

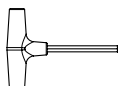


protective plugs, sleeves, caps for pipe ends and workpiece orifice

DIN 911  
(ISO 2936\*)



socket screw keys (socket wrenchs) for hexagon socket (also with ball head)



hexagon screw driver with handle

„ISR“

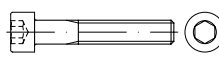


socket screw keys (socket wrenchs) for hexalobular socket screws (~TORX)



wrench keys assortment: rings, bags, boxes, magazines

DIN 912  
(ISO 4762\*)



hexagon socket head cap screws  
- with metric thread M  
- with metric fine pitch thread M  
- with inch thread UNC/UNF

DIN 912



hexagon head cap screws with thread up to head

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St -QT 12.9			
4.6 5.6 8.8	ZP HDG		
3.6	ZP HDG		
5	ZP HDG		
5.6 5.8 8.8 10.9	ZP	A1-A5	Br
St	ZP	A1-A5	Br Cu-alloy
St hard.		A1-A5	Br
St	ZP	A1-A5	Br Cu-alloy
St	ZP	A1-A5	Br Cu-alloy
St	ZP	A1-A5	Br Cu-alloy
St	ZP	A1-A5	Br Cu-alloy
St	ZP	A1-A5	Cu-alloy
St	ZP		plastic
St -QT	ZP NP		
St -QT			handle = plastic
St -QT	ZP NP		
St -QT			
8.8 10.9 12.9	ZP fZn NP Cr	A2-A5	Br
8.8 12.9	ZP	A2 A4	

\* DIN: ISO/EN identical = interchangeable  
\*\* DIN: ISO/EN mostly interchangeable  
\*\*\* standard conversion DIN : ISO  
(→ Technical Information page 62)

① DIN standard withdrawn without replacement

Driving features:  
H = cross recess Phillips  
Z = cross recess pozidriv  
ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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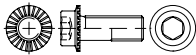


**Standardised Products**

„ISR“  
(ISO 14579)

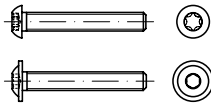


hexalobular socket head cap screws  
(~TORX)



RIPP hexagon screws (article 88912)

„ISR“  
(ISO 7380/  
14583)



pan head/mushroom head screws  
– with hexagon socket  
– with hexalobular socket (~TORX)

DIN 913  
(ISO 4026\*)



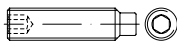
hexagon socket set screws with flat point

DIN 914  
(ISO 4027\*)



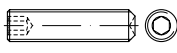
hexagon socket set screws with cone point

DIN 915  
(ISO 4028\*)

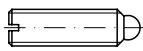


hexagon socket set screws with full dog point

DIN 916  
(ISO 4029\*)

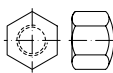


hexagon socket set screws with cup point



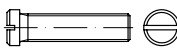
spring thrust pads with hexagon socket

DIN 917



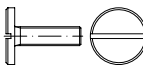
hexagon cap nuts, low type

DIN 920

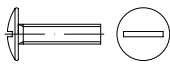


slotted small cheese head screws

DIN 921

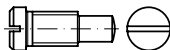


slotted large cheese head screws



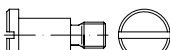
slotted mushroom head screws  
(article 88107)

DIN 922



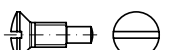
slotted mushroom head screws,  
small head and pin

DIN 923



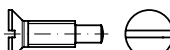
slotted cheese head shoulder screws

DIN 924



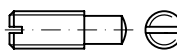
slotted raised countersunk head screws  
with cone

DIN 925



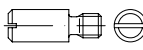
slotted countersunk head screws with cone

DIN 926



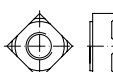
threaded pins, slotted, with cone

DIN 927

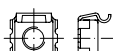


slotted shoulder screws

DIN 928



square weld nuts

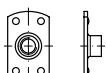


caged nuts  
(article 88109)

DIN 929



hexagon weld nuts



weld nuts

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
8.8 10.9 12.9	ZP fZn	A2 A4	
100 12.9	ZP		
4.6 8.8 10.9	ZP NP Cr	A2-A5	Br
45 H	ZP	A1-A5	
45 H	ZP	A1-A5	
45 H	ZP	A1-A5	
45 H	ZP	A1-A5	
5.8	ZP brün	A2	
6 AU 8	ZP NP Cr	A1-A5	Br Al
5.8	ZP NP Cr	A1-A5	Br
5.8	ZP NP Cr	A1-A5	Br
4.6 5.8	ZP NP	A1-A5	Br
5.8	ZP NP	A1-A5	Br
5.8	ZP NP Cr	A1-A5	Br
5.8	ZP NP	A1-A5	Br
5.8	ZP NP	A1-A5	Br
14 H	ZP NP	A1-A5	Br
14 H	ZP NP	A1-A5	Br
St		A1 A2	
St	ZP		
St		A1-A5	
St	ZP		

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn  
without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN

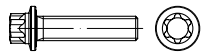


**Standardised Products**

DIN 931  
(ISO 4014\*\*\*)

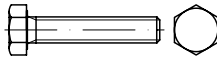


hexagon head bolts with shank  
- with metric thread M  
- with inch thread UNC/UNF  
- for container construction as per AD/TRD regulations



hexalobular head screws/bolts (~TORX)  
(→ DIN 34800, 34801)

DIN 933  
(ISO 4017\*\*\*)

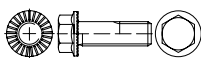


hexagon head screws with thread up to head  
- with metric thread M  
- with inch thread UNC/UNF  
- for container construction as per AD/TRD regulations

DIN 933



slotted hexagon head screws



locking screws, RIPP screws  
(TENSILOCK/DURLOK) (article 88913, 88933)

DIN 934  
(→ISO 4032,  
4033\*\*\*  
8673/  
8674\*\*\*)

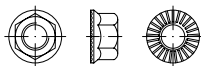


hexagon nuts  
- with metric thread M  
- with inch thread UNC/UNF  
- for container construction as per AD/TRD regulations

DIN 934

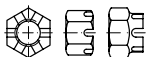


hexagon nuts assortment  
(article 82934, 82935)



locking nuts, Ripp nuts  
(TENSILOCK/DURLOK) (article 88914, 88934)

DIN 935



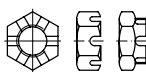
hexagon slotted and castle nuts

DIN 936  
(→ISO 4035/  
8675\*\*\*)



hexagon thin nuts

DIN 937  
(→DIN 979)



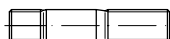
hexagon thin slotted and castle nuts

DIN 938



studs, metal end = 1 d  
also for container construction as per AD/TRD regulations

DIN 939



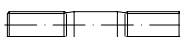
studs, metal end = 1,25 d  
also for container construction as per AD/TRD regulations

ANSI



threaded bolts (→ DIN 976)

DIN 940



studs, metal end = 2,5 d

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
5.6 8.8 10.9 12.9 1.7709	ZP HDG fZn NP Cr	A2-A5 A2/A4-70 A2/A4-80	Br Cu-alloy Al plastic
8.8 10.9	ZP		
5.6 8.8 10.9 12.9 1.7709	ZP HDG fZn NP Cr	A2-A5 A2/A4-70 A2/A4-80	Br Cu-alloy Al plastic
5.6 8.8 10.9	ZP NP Cr	A2-A5	Br Cu-alloy Al plastic
90/100 10.9 12.9	ZP		
5 5-2 6 8 10 12 C 35 1.7258	ZP HDG fZn NP Cr brün	A1-A5 A2/A4-70 A2/A4-80	Br Cu-alloy Al plastic
6 8	ZP		
10 12	ZP fZn		
6 AU 8 10	ZP NP	A1-A5	Br
04 05 17 H 22 H	ZP fZn NP Cr	A1-A5	Br Al
14 H 17 H 22 H	ZP NP	A1-A5	Br
5.6 5.8 8.8 10.9	ZP	A1-A5 A2/A4-70	Br
5.6 5.8 8.8 10.9	ZP	A1-A5 A2/A4-70	Br
5.6 8.8 ASTM AISI BS	ZP fZn PTFE	A1-A5 ASTM AISI BS	
5.8 8.8 10.9	ZP	A1-A5	

\* DIN: ISO/EN identical = interchangeable  
\*\* DIN: ISO/EN mostly interchangeable  
\*\*\* standard conversion DIN : ISO  
(→ Technical Information page 62)

① DIN standard withdrawn  
without replacement

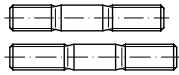
Driving features:  
H = cross recess Phillips  
Z = cross recess pozidriv  
ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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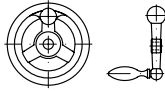
## Standardised Products

DIN 949-1  
DIN 949-2



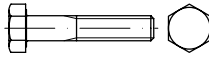
studs with metric thread for interference  
MFS, metal end: -1 = 2 d, -2 = 2,5 d

DIN 950  
DIN 951  
DIN 959



hand wheels and ball cranks acc. to  
standard and special form

DIN 960  
(→ISO 8765\*\*\*)



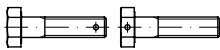
hexagon head bolts with shank,  
fine pitch thread

DIN 961  
(→ISO 8676\*\*\*)



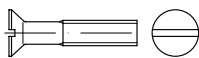
hexagon head screws  
with thread up to head, fine pitch thread

DIN 962

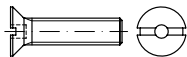


additional types and finishes for screws/bolts  
(→ Technical Information)

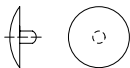
DIN 963  
(ISO 2009\*\*\*)



slotted countersunk head screws



slotted countersunk screws with inner hole

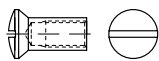


caps for countersunk screws with inner hole  
(article 88000-88003)

DIN 964  
(ISO 2010\*\*\*)

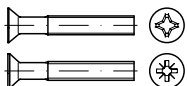


slotted raised countersunk head screws



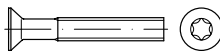
sleeve nuts with internal thread  
with slot/without slot (article 88964)

DIN 965  
(ISO 7046\*\*\*)



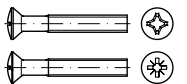
countersunk head screws  
with cross recess, types H or Z

DIN 965  
„ISR“

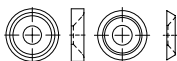


countersunk head screws  
with hexalobular socket (~TORX)

DIN 966  
(ISO 7047\*\*\*)

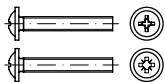


raised countersunk head screws  
with cross recess, types H or Z



collar washers  
(article 88499, 88965)

DIN 967



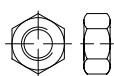
pan head screws with collar,  
with cross recess types H or Z

DIN 968



pan head taper screws with collar,  
with cross recess types H or Z

DIN 970  
(→ ISO 4032\*)



hexagon nuts, ISO type 1, ISO type 2  
- with coarse thread  
- with fine pitch thread

DIN 971  
(→ISO 8673/  
8674\*)

DIN 972  
(→ISO 4034\*)

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
5.8 8.8 10.9		A1-A5	Br
GG			Al
5.6 8.8 10.9 12.9	ZP	A1-A5	Br
5.6 8.8 10.9 12.9	ZP	A2 A4	
4.8 5.8 8.8	ZP NP Cr	A1-A5	Br Cu-alloy Al plastic
4.8	ZP	A2 A4	Br
			plastic
4.8 5.8 8.8	ZP NP Cr	A1-A5	Br Al plastic
St	ZP NP Cr	A2 A4	Br Al
4.8 5.8 8.8	ZP NP Cr	A2 A4	Br plastic
4.8 8.8	ZP NP Cr	A2 A4	
4.8 5.8 8.8	ZP NP Cr	A2 A4	Br plastic
St	NP Cr	A2 A4	Br Al
4.8 5.8 8.8	ZP NP Cr	A2 A4	Br
4.8 5.8 8.8	ZP NP Cr	A2 A4	Br
4 5 6 8 10 12	ZP HDG fZn NP Cr	A1-A5	Br Cu-alloy Al plastic Ti

\* DIN: ISO/EN identical = interchangeable  
\*\* DIN: ISO/EN mostly interchangeable  
\*\*\* standard conversion DIN : ISO  
(→ Technical Information page 62)

① DIN standard withdrawn  
without replacement

Driving features:  
H = cross recess Phillips  
Z = cross recess pozidriv  
ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



**Standardised Products**

DIN 975		<p>threaded rods</p> <ul style="list-style-type: none"> <li>- with metric thread M</li> <li>- with inch thread WW, UNC/UNF</li> <li>- lengths: 1000, 2000 and 3000mm</li> </ul>
DIN 975		<p>threaded rods with trapezoidal thread</p> <p>nuts with trapezoidal thread, round hexagon (article 88089, 88090)</p>
DIN 976-1		<p>stud bolts</p> <ul style="list-style-type: none"> <li>- with metric thread M,</li> </ul>
DIN 976-2		<ul style="list-style-type: none"> <li>- with metric thread for interference MFS</li> </ul>
ANSI		<p>stud bolts with hexagon nuts</p>
DIN 977 (ISO 21670)		<p>hexagon weld nuts with flange</p>
DIN 979		<p>hexagon thin slotted and castle nuts</p>
DIN 980 (→DIN 6925***) (ISO 7042/7719/10513)		<p>prevailing torque type hexagon nuts, all-metal</p> <p>type M = two parts (SPRING-STOP/VARGAL/DAX)</p> <p>type V = single component (STOVER/CLEVELOC/UNI_SZOP/BILOC)</p>
		<p>THERMAG nuts, all-metal nuts, single component (article 88105)</p>
DIN 981		<p>locknuts for rolling bearings</p>
		<p>locknuts with non metallic-insert GUA/GUK/ GUP FINE-U-Nut</p>
DIN 982 (→DIN 6924***) (ISO 7040/7041/10512)		<p>prevailing torque type hexagon nuts with non-metallic insert (plastic), high type</p>
DIN 983		<p>retaining rings with lugs for shafts (retainer rings)</p>
DIN 984		<p>snap rings with lug, retaining rings for bores</p>
DIN 985 (→DIN 6924***) (ISO 10511/10512)		<p>prevailing torque type hexagon nuts with non-metallic insert (plastic), low type</p>

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
4.6 4.8 5.6 5.8 8.8 10.9 ASTM	ZP HDG fZn	A1-A5 ASTM	Br plastic
5.8 8.8		A2 A4	
4.6 4.8 5.6 5.8 8.8 10.9 ASTM	ZP HDG fZn	A1-A5 ASTM	Br plastic
5.6 8.8 ASTM AISI BS	ZP HDG fZn PTFE	A1-A5 ASTM AISI BS	
St			
04 05	ZP NP Cr	A1-A5	Br
5 8 10 12	ZP NP	A1 A2 A4	Br Al
8 10	ZP NP		
St		A1-A5	
St	ZP		
5 6 8 10 12	ZP NP	A1-A5	
SSt			
SSt			
5 6 8 10	ZP NP Br	A1-A5	Br Al

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO (→ Technical Information page 62)

① DIN standard withdrawn without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



## Standardised Products

DIN 985		assortment of prevailing torque type hexagon nuts (article 82985)
DIN 986		prevailing torque type hexagon domed cap nuts with non-metallic insert
DIN 988		shim rings/supporting rings
DIN 1052		timber connectors, spikes one sided or two sided metal sheet/malleable cast iron
DIN 1052		washers for timber connectors
DIN 1052		ABC threaded rods with wood screw thread for lateral pass and lateral pressure reinforcement for large timber components (article 88052)
DIN 1142 (EN 13411)		clamps for wire ropes for end joints
ISO 1207 (DIN 84)		slotted cheese head screws
ISO 1234* (→DIN 94)		split pins
DIN 1433-1436		bolts with or without head (→ DIN 1443/1444)
DIN 1440 (ISO 8738**)		washers for clevis pins, product grade A
DIN 1441		washers for clevis pins, product grade C
DIN 1443 (ISO 2340)		clevis pins without head, type A = without pin holes, type B = with pin holes
		quick assembly elements for axles, shafts, bolts and pins; axle clamping rings, Duo-Clips, spring pins, KL-/SL-safety, U-Clips, Bajonett-Clips, PALNUT-Clips"
DIN 1444 (ISO 2341**)		clevis pins with head, type A = without pin hole, type B = with pin hole
DIN 1445		clevis pins with head and cone end
DIN 1469		grooved pins with neck
DIN 1470 (ISO 8739**)		straight grooved pins with pilot end

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
8	ZP		
5 6 8 10	ZP NP	A1-A5	
St SSt		A1-A5	
MCI St	black varnish ZP HDG flZn		
St	ZP HDG flZn	A2 A4	
St			
MCI stirrup 6.8	ZP	A2 A4	
4.8 5.8	ZP NP Cr Br	A1-A5	Br Cu-alloy Al plastic
St	ZP	A2	Br Cu Al
St	ZP	A1-A5	Br Al
St	ZP NP	A1-A5	Br
St	ZP NP	A1-A5	Br
St HDG	ZP HDG	A1-A5	Br Al
SSt mechZP flZn	ZP mechZP flZn	1.4310	
St	ZP HDG flZn	A1-A5	Br Al
St	ZP	A1-A5	Br Al
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO (→ Technical Information page 62)

① DIN standard withdrawn without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



**Standardised Products**

DIN 1471 (ISO 8744**)		grooved pins, full-length taper grooved
DIN 1472 (ISO 8745**)		grooved pins, half length taper grooved
DIN 1473 (ISO 8740**)		grooved pins, full length parallel grooved
DIN 1474 (ISO 8741**)		grooved pins, half length reverse grooved
DIN 1475 (ISO 8742/8743)		grooved pins, third length centre grooved
DIN 1476 (ISO 8746*)		grooved pins with round head
DIN 1477 (ISO 8747*)		grooved pins with countersunk head
DIN 1478		turnbuckles made from tubes SP = turnbuckles without accessories SPAЕ = with 2 welding studs
		shroud turnbuckles
DIN 1479		hexagon turnbuckles
		coupling sleeves, - hexagonal (article 88087) - round (article 88088)
ISO 1479* (→DIN 7976)		hexagon head tapping screws
DIN 1480		turnbuckles, forged, SP = turnbuckles without accessories SP-AE = with 2 welding studs SP-RR = with 2 eye bolts SP-RH = with eye bolts and hook bolts SP-HH = with 2 hook bolts SP-BS = with 2 flat leaf screws
DIN 1481 (ISO 8752**)		spring type straight pins, heavy duty
		spring type straight pins, tooth slotted („CONNEX“)
DIN 1481		spring type straight pins assortment (article 82481)
ISO 1481 (DIN 7971**)		slotted cheese head taper screws type C = cone end, type F = full dog point type R = round cone end
ISO 1482 (DIN 7972***)		slotted countersunk taper screws

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St 35 St 50-2	ZP fZn	A2 A4	
St	ZP fZn	A4	
St 6 AU	ZP fZn	A1-A5	Br
St fZn	ZP fZn	A1-A5	Br
St case-hard.	ZP NP Cr	A2 A4	
3.6	ZP fZn	A4	
SSt		1.4310	
SSt		1.4310	
SSt			
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



## Standardised Products

ISO 1483 (DIN 7973***)		slotted raised countersunk taper screws
ISO 1580 (DIN 85**)		slotted pan head screws
DIN 1587		hexagon domed cap nuts, high type
DIN 1592 1593 1596 1597		pipe clips
		pipe clamps, pipe rack
EN 1661 (DIN 6923)		hexagon nuts with flange
		locking-/RIPP nuts with flange (TENSILOCK/DURLOCK) (article 88914,88934)
EN 1662 EN 1665 (DIN 6921) (DIN 6922)		hexagon screws with flange, light type, heavy type
EN 1663 EN 1666 (DIN 6926**)		prevailing torque type hexagon nuts with flange and non-metallic insert
EN 1664 EN 1667 (DIN 6927**)		prevailing torque type hexagon nuts with flange, all-metal, coarse thread, fine pitch thread
DIN 1804		slotted round nuts for hook spanner
		locknuts with non-metallic insert GUA/GUK/GUP, FINE-U-Nut
DIN 1816		round nuts with set pin holes inside
ISO 2009 (DIN 963***)		slotted countersunk screws
ISO 2010 (DIN 964***)		slotted raised countersunk screws
DIN 2093		disc springs
		TECKENTRUP conical spring washers
ISO 2338 (DIN 7**)		parallel pins
ISO 2339 (DIN 1**)		taper pins

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St case-hard.	ZP NP Cr	A2 A4	
4.8 5.8	ZP NP Cr	A1-A5	Br Cu-alloy Al plastic
6 AU 8	ZP NP Cr	A1-A5	Br Al plastic
St	ZP HDG primed	A2-A5	
St	ZP HDG	A2-A5	
8 10 12	ZP flZn NP	A2 A4	
8.8 10.9	ZP flZn	A2 A4	
8 10 12	ZP flZn NP	A2 A4	
8 10 12	ZP flZn NP	A2 A4	
St		A2-A5	
St	ZP		
St	ZP NP Cr	A1-A5	Br
4.8 5.8	ZP NP Cr	A1-A5	Br Cu-alloy Al plastic
4.8 5.8	ZP NP Cr	A1-A5	Br Cu-alloy Al plastic
SSt	mechZP flZn	1.4122 1.4310 1.4568	Bronze
SSt	mechZP flZn	1.4568	
St		A1-A5	Br
St		A1-A5	Br

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn  
without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



## Standardised Products

ISO 2341 (DIN 1444**)		bolts with head
ISO 2342* (→DIN 427)		slotted headless screws with chamfered end
DIN 2509		double end studs
DIN 2510		bolts with waisted shank, with certificate EN 10204/3.2/3.1
DIN 2510		hexagon nuts for bolts with inspection certificate EN 10204/3.1
DIN 2510		cap nuts for bolts with certificate EN 10204/3.1
DIN 2510		clamping sleeves for bolts with certificate EN 10204/3.1
ANSI		threaded bolts with hexagon nuts
DIN 3015 3016		fastening clamps with rubber profile
DIN 3017		hose clamps
DIN 3090 (→ DIN 6899)		thimbles
DIN 3220 3319		hand wheels, flat and cranked
DIN 3404		lubricating nipples, button head
DIN 3405		lubricating nipples, cupped type
DIN 3567		pipe clamps
		tubular clamps with noise protection inlays (DIN 4109)
		pipe support, pipe hangers
DIN 3568		clamping plates for pipe fixings
		LINDAPTER-clamping elements → <b>REYHER® FIXING SYSTEMS</b>
DIN 3570		stirrup bolts

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP HDG fZn	A1-A5	Br Al
14 H	ZP	A1-A5	Br
5.6			
material → DIN 267-13		material → DIN 267-13	
material → DIN 267-13		material → DIN 267-13	
material → DIN 267-13		material → DIN 267-13	
material → DIN 267-13		material → DIN 267-13	
5.6 8.8 ASTM AISI, BS	ZP HDG fZn PTFE	A2 A4 ASTM AISI BS	
St MCI	ZP HDG	1.4016 A2 A4	Al plastic
St	ZP	1.4301 1.4436	
St	ZP HDG	A4	
St	ZP	1.4016 1.4301 1.4401 1.4436 1.4571	
St	ZP	A2 A4	Br
St	ZP	A2 A4	Br
St	ZP HDG	A2 A4	
St	ZP	A2 A4	
St	ZP HDG fZn	A2 A4	
St 37	ZP fZn		
	MCI	ZP HDG	
St	ZP HDG	A2 A4	Br

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn  
without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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### Standardised Products

DIN 3575		anchors with welding ends for pipe suspension
DIN 3670		disc hand wheels
DIN 3870 DIN 3872		cap nuts
ISO 4014*/*** (DIN 931)		hexagon head bolts with shank - also for container construction as per AD/TRD regulations
ISO 4015		hexagon bolts with shank- $\varnothing$ ~ pitch - $\varnothing$
ISO 4016*/*** (DIN 601)		hexagon head bolts with shank
ISO 4017*/*** (DIN 933)		hexagon head screws with thread up to head - also for container constructions as per AD/TRD regulations
ISO 4018*/*** (DIN 558)		hexagon head screws with thread up to head
ISO 4026* (→DIN 913)		hexagon socket set screws with flat point
ISO 4027* (→ DIN 914)		grub screws with hexagon socket and cone end
ISO 4028* (→DIN 915)		hexagon socket set screws with full dog point
ISO 4029* (→DIN 916)		hexagon socket set screws with cup point
ISO 4027* (→DIN 914)		hexagon socket set screws with cone point
ISO 4032*** (DIN 934)		hexagon nuts, ISO type 1, coarse thread, - also for container construction as per AD/TRD regulations
ISO 4033*** (DIN 934)		hexagon nuts, ISO type 2, coarse thread
ISO 4034*** (DIN 555)		hexagon nuts
ISO 4035		hexagon thin nuts (with chamfers/without chamfers)
4036***/** (DIN 439/ 936)		tubular clamps with noise protection inlay
DIN 4109		tubular clamps with noise protection inlay
ISO 4762* (→DIN 912)		hexagon socket head cap screws
ISO 4766* (→DIN 551)		slotted grub screws with flat point

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St 37	ZP	A2 A4	Al
St	ZP flZn	A1-A5	Br
5.6 8.8 10.9 12.9 1.7709	ZP HDG flZn NP Cr	A2-A5 A2/A4-70 A2/A4-80	Br Cu-alloy Al plastic Ti
5.8 8.8	ZP HDG flZn	A2 A4	
3.6 4.6 4.8	ZP HDG flZn		
5.6 8.8 10.9 12.9 1.7709	ZP HDG flZn NP Cr	A2-A5 A2/A4-70 A2/A4-80	Br Cu-alloy Al plastic Ti
3.6 4.6 4.8	ZP HDG flZn		
45 H	ZP	A1-A5	
45 H	ZP	A1-A5	
45 H	ZP	A1-A5	
45 H	ZP	A1-A5	
5 5-2 6 8 10	ZP HDG flZn NP Cr browned	A1-A5 A2/A4-70 A2/A4-80	Br Cu-alloy Al plastic Ti
12	ZP HDG flZn		
4 5	ZP HDG flZn		
04 05 110 HV 30	ZP NP Cr	A1-A5	Br
St	ZP	A2 A4	
8.8 10.9 12.9	ZP flZn NP	A2-A5	Cu-alloy
14 H	ZP NP Cr	A1-A5	Br plastic

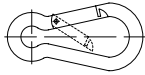
* DIN: ISO/EN identical = interchangeable	① DIN standard withdrawn without replacement	Driving features: H = cross recess Phillips Z = cross recess pozidriv ISR/TORX = hexalobular socket	steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



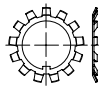
**Standardised Products**

DIN 5299



snap hooks, type C

DIN 5406  
MB/MBL



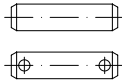
lockwashers/safety plates  
for locknuts acc. to DIN 981

DIN 5417



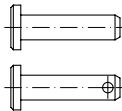
retaining rings,  
type A = for shafts, type B = for bores

DIN 5525



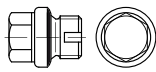
bolts without head for railway vehicles

DIN 5526



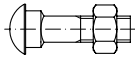
bolts with head for railway vehicles

DIN 5586



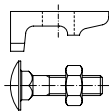
hexagon head screw plugs with collar, vent  
and melted sealing (type B)  
DIN 910-2, type A

DIN 5903

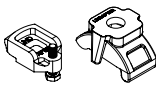


fish bolts with oval neck  
– with round head  
– with square head

DIN 5906



bolts for clamping plates, clamping plates  
for rails



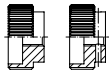
LINDAPTER-  
clamping parts for rails → **REYHER®  
FIXING  
SYSTEMS**

DIN 5914



baseplate screws with square head

DIN 6303



knurled nuts

DIN 6304



tommy screws with fixed clamping bolt

DIN 6305



tommy nuts with fixed clamping bolt

DIN 6306



tommy screws with movable clamping bolt

DIN 6307



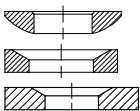
tommy nuts with movable clamping bolt

DIN 6311



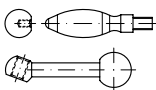
thrust pads  
for grub screws with thrust point (DIN 6332)

DIN 6319



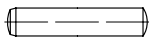
spherical washers, type C,  
conical seats, type D and G

DIN 6324



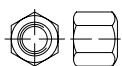
operating elements for clamping devices:  
star/palm grips, ball knobs  
tommy screws/nuts, crank handles

DIN 6325  
(ISO 8734\*)



parallel pins

DIN 6330



hexagon nuts with a height of 1,5 d,  
type B = one spherical bearing face

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP		
St	ZP		
SSt			
St HDG	ZP HDG	A1-A5	Br Al
St HDG	ZP HDG	A1-A5	Br Al
St	ZP	A1-A5	
4.6	ZP		
St HDG fZn	ZP HDG fZn		
MCI	ZP HDG		
St	HDG		
5	ZP NP Cr	A1 A2 A4	Br Al
5.8	ZP		
5	ZP		
5.8	ZP		
5	ZP		
St hard.	ZP		
St hard. St -QT	ZP fZn		
St			plastic
St hard. 6 AU 8 10	ZP	A1-A5	Br

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn  
without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



**Standardised Products**

DIN 6331		hexagon nuts with collar, with a height of 1,5 d
DIN 6332		grub screws with thrust point
DIN 6334		hexagon nuts with a height of 3 d
DIN 6335		palm grips
DIN 6336		star grips
DIN 6337		ball handles
DIN 6340		washers for clamping devices, hardened
DIN 6378		hook bolts
DIN 6379		studs for use with t-nuts
DIN 6791 (ISO 1051**)		semi-tubular pan head rivets
DIN 6792 (ISO 1051**)		semi-tubular countersunk head rivets
DIN 6796 (ISO 10670**)		conical spring washers
		TECKENTRUP conical spring washers
DIN 6797 <sup>①</sup>		toothed lock washers type A = external teeth type I = internal teeth type V = countersunk
		TECKENTRUP lock washers for hexagon head screws and hexagon socket cap screws (article 88123-88126)
		TECKENTRUP lock washers with contact serrations (article 88129)
		SCHNORR safety washers with serration on both sides S, VS (article 88120, 88121)
		lock rings (article 88130, 88131)
		NORD-LOCK washers preassembled pairs standard = normal outer diameter SP = enlarged outer diameter (article 88132)
DIN 6798 <sup>①</sup>		serrated lock washers type A = external teeth type I = internal teeth type V = countersunk

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
6 AU 8 10	ZP	A1-A5	
5.8 8.8	ZP		
6 AU 8 10	ZP	A1-A5	Br
St			plastic
St			plastic
St			plastic
St -QT	ZP flZn		
8.8			
8.8			
St			Cu Br Al
St			Cu Br Al
SSt	mechZP flZn	1.4310	
SSt	mechZP flZn	1.4568	
SSt	ZP	1.4310	bronze
SSt	mechZP flZn	1.4568	
SSt	mechZP flZn	A4	
St hard.	ZP flZn	A2 A4	
SSt	ZP flZn	1.4310	
St hard.	ZP flZn	A4	
SSt	ZP	1.4310 A4	bronze

\* DIN: ISO/EN identical = interchangeable  
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 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn  
 without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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### Standardised Products

		TECKENTRUP lock washers with contact serrations (article 88129)
		„CONTACT“ washers/washers with serration
DIN 6799		retaining rings for shafts
		quick assembly elements for axles, shafts, bolts and pins; axle clamping rings, Duo-clips, spring cotter pins, KL-/SL-backups, U-clips, Bajonett-Clips, PALNUT-clips
DIN 6880		key steel
DIN 6881 DIN 6883 (ISO 2492)		saddle keys, parallel keys
DIN 6884 (ISO 2492)		parallel keys with gib head
DIN 6885 (ISO 773/ 2491**)		parallel keys
DIN 6887 (ISO 774**)		taper keys with gib head
DIN 6888 (ISO 3912**)		woodruff keys
DIN 6899		thimbles for fibre ropes
DIN 6900 (ISO 10644) DIN 6901 (ISO 10510)		screw and washer assemblies - with metric thread - with taper screw thread = ready to install fasteners with captive washers
		nuts with captive washers
DIN 6902– DIN 6908 (ISO 10669/ 10673)		washers for screw and washer assemblies
DIN 6911		hexagon socket screw keys (pin wrenches) with pilot for hexagon socket cap screws acc. to DIN 6912
DIN 6912		hexagon socket head cap screws with low head and centre
DIN 6914 (→EN 14399)		hexagon bolts with large head for high-strength structural bolting, system HV
HVP		hexagon fit bolts with large head for high strength structural bolting, system HV (→ EN 14399-8)
HRC (HVA)		bolts with calibrated preload for high strength structural bolting (HVA bolts) (→ EN 14399-10)

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
SSt	mechZP flZn	A4	
SSt	ZP flZn	A4	bronze
SSt		1.4034 1.4122	bronze
SSt mechZP flZn	ZP mechZP flZn	1.4310	
St			
St		A2 A4	
St		A2 A4	
St		A2 A4	
St		A2 A4	
St	ZP HDG	A2 A4	
4.8 5.8 8.8 10.9 St case-hard.	ZP NP Cr	A2 A4	Br
6 8 10	ZP NP Cr	A2 A4	
St SSt	ZP NP Cr brün	A2 A4 1.4310	Br Cu-alloy bronze plastic
St -QT	ZP NP		
8.8 10.9	ZP flZn NP	A2 A4	Cu-alloy
10.9 (12.9)	HDG		
10.9	HDG		
10.9	HDG		

* DIN: ISO/EN identical = interchangeable ** DIN: ISO/EN mostly interchangeable *** standard conversion DIN : ISO (→ Technical Information page 62)	① DIN standard withdrawn without replacement	Driving features: H = cross recess Phillips Z = cross recess pozidriv ISR/TORX = hexalobular socket	steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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### Standardised Products

DIN 6915 (→EN 14399)		hexagon nuts with large wrench size for high-strength structural bolting, system HV
DIN 6916 (→EN 14399)		plain chamfered washers for high-strength structural bolting, system HV
DIN 6917		square taper washers, for friction grip bolts on I sections in steel constructions
DIN 6918		square taper washers, for friction grip bolts on U sections in steel constructions
DIN 6921 DIN 6922 (ISO 4162/ 8100-04) (EN 1665)		hexagon flange bolts hexagon flange bolts acc. to MBN 10105 (article 10105)
		locking screws, RIPP screws (TENSILOCK/DURLOK) (article 88913, 88933)
DIN 6923 (ISO 4161) (EN 1661)		hexagon flange nuts hexagon flange nuts acc. to MBN 13023 (article 13023)
		hexagon locking nuts with flange
		locking nuts, RIPP nuts (TENSILOCK/DURLOK) (article 88914, 88934)
DIN 6924 (ISO 7040**/ 10512)		prevailing torque type hexagon nuts with non-metallic insert (plastic)
DIN 6925 (ISO 7042**/ 7719/ 10513)		prevailing torque type hexagon nuts, all-metal
DIN 6926 (ISO 7043/ 12125) (EN 1663, 1666)		prevailing torque type hexagon nuts with flange, non-metallic insert (plastic)
DIN 6927 (ISO 7044/ 12126) (EN 1664, 1667)		prevailing torque type hexagon nuts with flange, all-metal
		nuts with cavity washers
DIN 6928 (ISO 7053/ 10509)		hexagon taper screws with collar type C = cone end type F = full dog point type R = round cone end
ISO 7040 (→ DIN 6924)		prevailing torque type hexagon nuts with non-metallic insert (plastic)

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
10 (12)	HDG		
C 45 -QT	HDG		
C 45 -QT	HDG		
C 45 -QT	HDG		
8.8 10.9 12.9	ZP fiZn		
90/100 10.9 12.9	ZP		
8 10 12	ZP fiZn	A2 A4	
8 10 12	ZP fiZn	A2 A4	
10 12	ZP fiZn	A2 A4	
5 8 10 12	ZP fiZn NP Cr		
5 8 10 12	ZP NP Cr		
8 10 12	ZP fiZn NP Cr		
8 10 12	ZP fiZn NP Cr		
6 8 10	ZP NP Cr	A2 A4	
Stahl case-hard.	ZP NP Cr	A2 A4	
5 8 10	ZP fiZn NP Cr	A2 A4	

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn without replacement

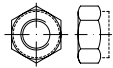
Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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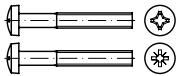
## Standardised Products

ISO 7042\*  
(→ DIN 6925)



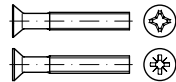
prevailing torque type hexagon nuts,  
all-metal

ISO 7045  
(DIN 7985\*\*)



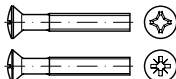
pan head screws  
with cross recess type H or Z

ISO 7046-1  
ISO 7046-2  
(DIN 965\*\*\*)



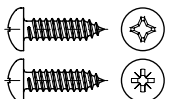
countersunk screws  
with cross recess type H or Z

ISO 7047  
(DIN 966\*\*\*)



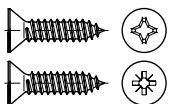
raised countersunk screws  
with cross recess type H or Z

ISO 7049  
(DIN 7981\*\*)



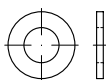
pan head tapping screws with cross recess

ISO 7050\*\*\*  
(DIN 7982)



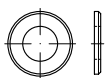
countersunk head tapping screws  
with cross recess, countersunk  $\alpha = 90^\circ$ ,  
with cross recess type H or Z

ISO 7089\*  
(DIN 125)



plain washers, normal series, without chamfer,  
product grade A

ISO 7090\*  
(DIN 125)



plain washers, normal series, with chamfer,  
product grade A

ISO 7091\*  
(→DIN 126)



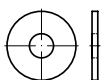
plain washers, normal series,  
product grade C

ISO 7092\*  
(→DIN 433)



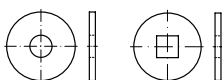
plain washers, small series,  
product grade A

ISO 7093-1  
ISO 7093-2\*  
(→ DIN 9021)



plain washers, large series,  
product grade A

ISO 7094\*  
(→DIN 440)



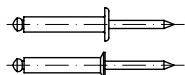
plain washers, extra large series,  
product grade C

DIN 7331



compression rivets

DIN 7337  
(ISO 15973-  
16585)



blind rivets  
(article 88401-88488) →



special blind rivets, blind rivet nuts,  
setting tools and assortment boxes

DIN 7338



rivets for brake linings and clutch linings

DIN 7339  
DIN 7340



hollow rivets, tubular rivets

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
5 8 10 12	ZP fZn NP Cr		
4.8	ZP NP Cr	A2 A4	Br plastic
4.8 8.8	ZP NP Cr	A2 A4	Br plastic
4.8 8.8	ZP NP Cr	A2 A4	Br plastic
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St 200 HV 300 HV	ZP fZn NP Cr	A1-A5	Br Cu Al plastic
St 200 HV 300 HV	ZP fZn NP Cr	A1-A5	Br Cu Al plastic
St 100 HV	ZP HDG fZn	A2 A4	
St 200 HV 300 HV	ZP fZn NP Cr	A1-A5	Br
St 200 HV 300 HV	ZP HDG fZn	A1-A5	Br Al
St 100 HV	ZP HDG fZn	A2 A4	
St	NP BP painted		Br
St	ZP painted	A2 A4	Al Cu Cu-alloy plastic
St	ZP painted	A2 A4	Al Cu
St			Br Cu Al

\* DIN: ISO/EN identical = interchangeable  
\*\* DIN: ISO/EN mostly interchangeable  
\*\*\* standard conversion DIN : ISO  
(→ Technical Information page 62)

① DIN standard withdrawn  
without replacement

Driving features:  
H = cross recess Phillips  
Z = cross recess pozidriv  
ISR/TORX = hexalobular socket

steel plain

steel coated

stainless steel

brass  
Cu / Al / Ti  
plastic

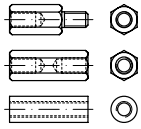


**Standardised Products**

DIN 7341  
(ISO 1051)

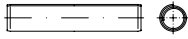


rivet pins



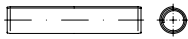
spacers/couplings  
hexagonal/round  
(article 88086-88088)

DIN 7343  
(ISO 8750\*/  
8751)



spring-type straight pins, coiled, standard duty

DIN 7344  
(ISO 8748\*\*)

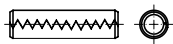


spring-type straight pins, coiled, heavy duty

DIN 7346  
(ISO 13337\*)



spring-type straight pins, slotted, light duty



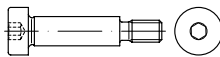
spring-type straight pins with tooth slot,  
(„CONNEX coiled spring pins“)

DIN 7349



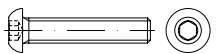
washers for screws  
with heavy spring-type straight pins

ISO 7379



hexagon socket head shoulder screws

ISO 7380

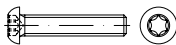


hexagon socket button head screws



hexagon socket button head screws  
with flange

„ISR“  
(ISO 14583)



hexalobular socket button head screws (~TORX)

ISO 7434\*  
(→DIN 553)



slotted grub screws with cone point

ISO 7435\*  
(→DIN 417)



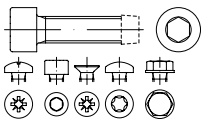
slotted grub screws with full dog point

ISO 7436\*  
(→DIN 438)



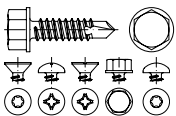
slotted grub screws with cup point

DIN 7500



thread rolling screws for ISO metric thread  
type C = pan head  
~type D = hexagon head with collar  
type E = cylinder head with hexagon socket  
type M = countersunk head  
type CE-ISR/PE = pan head, hexalobular socket

DIN 7504  
(ISO 15480-  
15483)



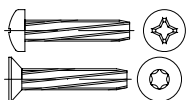
drilling screws with tapping screw thread  
type K = hexagon head with collar  
type N = pan head  
type P = countersunk head

DIN 7513

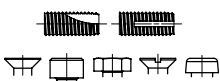


thread cutting screws  
type A = hexagon head  
type B = slotted cheese head

DIN 7516



thread cutting screws with cross recess  
type A = pan head  
type D = countersunk head  
type E = raised countersunk head



cut/scrapper groove threaded bolts,  
self tapping screws (→ DIN 7500)

DIN 7603



sealing rings

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St		A1-A5	Br
St		A1-A5	Al Br plastic
SSt		1.4310	
SSt		1.4310	
SSt		1.4310	
SSt		1.4310	
St	ZP HDG NP	A2	
10.9 12.9			
10.9 12.9	ZP	A2 A4	Br
4.6 8.8 10.9 12.9	ZP	A2 A4	
8.8 10.9 12.9	ZP	A2 A4	
14 H	ZP NP	A1-A5	Br
14 H	ZP NP	A1-A5	Br
14 H	ZP NP	A1-A5	
St case-hard.	ZP		
St case-hard.	ZP NP		
St case-hard.	ZP		
St case-hard.	ZP		
St case-hard.	ZP		

\* DIN: ISO/EN identical = interchangeable  
\*\* DIN: ISO/EN mostly interchangeable  
\*\*\* standard conversion DIN : ISO  
(→ Technical Information page 62)

① DIN standard withdrawn  
without replacement

Driving features:  
H = cross recess Phillips  
Z = cross recess pozidriv  
ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



## Standardised Products

DIN 7604		hexagon head screw plugs with collar
DIN 7642 DIN 7643		hollow screws for ring type banjos
ISO 7719		prevailing torque type hexagon nuts, ISO type 1, all-metal
DIN 7964		hexagon head screws with waisted shank type A = head acc. to DIN 84 type B = head acc. to DIN 85 type C = head acc. to DIN 7985 type D1/D2 = head acc. to ISO 4014/DIN 931 type E = head acc. to DIN 912 (ISO 4762)
DIN 7965		screwed inserts "RAMPA"
		tee nuts with prong (article 88108)
DIN 7967 ①		self locking counter nuts
		PAL-hatclips-nuts
DIN 7968		hexagon fit bolts for steel structures
DIN 7969		slotted countersunk head bolts for steel structures
DIN 7971 (ISO 1481**)		slotted pan head tapping screws type C = cone end, type F = flat end, type R = rounded end
DIN 7972 (ISO 1482***)		slotted countersunk head tapping screws
DIN 7973 (ISO 1483***)		slotted raised countersunk head tapping screws
		clip/spring nuts for taper screw threads (→ DIN 34818)
DIN 7971/ 7973		tapping screw assortment (article 82971, 82973)
DIN 7976 (ISO 1479**)		hexagon head tapping screws
		tapping screws for facing (article 88176, 88276) with assembled sealing washer type A = with cone end, type BZ = with full dog point
		cylindrical head tapping screws with hexagon socket (article 88312)

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP	A1-A5	Br Al plastic
St		A1-A5	
5 8 10	ZP fZn NP Cr		
5.6 5.8 8.8	ZP NP	A1-A5	Br
St	ZP	A2 A4	Br Al plastic
St	ZP		
SSt	ZP HDG	1.4310	
SSt	ZP		
5.6 8.8	ZP HDG		
4.6 5.6	ZP HDG		
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
SSt	ZP		
ST case-hard.	ZP		
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP	A2	
St case-hard.	ZP NP	A2 A4	

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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**Standardised Products**

DIN 7977 (ISO 8737*)		taper pins with external thread, constant threaded part
DIN 7978 (ISO 8736*)		taper pins with internal thread
DIN 7979 (ISO 8733/ 8735*)		parallel pins with internal thread
DIN 7980 ①		spring lock washer for cheese head screws
		TECKENTRUP lock washers „z“ for hexagon head screws and hexagon socket head cap screws (article 88126)
		lock rings „VSK-Z“ (article 88131)
DIN 7981 (ISO 7049**)		pan head tapping screws with cross recess type H or Z
DIN 7981 ISR (ISO 14585)		pan head tapping screws with hexalobular socket (~TORX)
DIN 7982 (ISO 7050***)		countersunk head tapping screws with cross recess type H or Z
DIN 7982 "("ISR" ISO 14586)"		countersunk head tapping screws with hexalobular socket (~TORX)
DIN 7983 (ISO 7051***)		raised countersunk head tapping screws with cross recess type H or Z
		tapping screws with scrape point
		tapping screws for caps (article 88981/88003)
DIN 7984		hexagon socket head cap screws with low head
„ISR“ (ISO 14580)		hexalobular socket head cap screws, low head, (~TORX)
		hexagon socket head cap screws with flange and lock ribs (article 88912)
DIN 7985 (ISO 7045**)		pan head screws with cross recess
„ISR“ (ISO 14583**)		pan head screws with hexalobular socket (~TORX)
DIN 7989-1 DIN 7989-2		washers for steel structures product grade C/product grade A
DIN 7990		hexagon head bolts for steel structures
DIN 7991 (→ISO 10642)		hexagon socket countersunk head screws

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St		A1-A5	
St		A1-A5	
St		A1-A5	
SSt	ZP	1.4310 A4	
SSt	mechZP flZn	1.4568	
SSt	flZn		
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
8.8 10.9	ZP NP Cr	A2 A4	
8.8 10.9 12.9	ZP	A2 A4	
100 12.9	ZP		
4.8 5.8 8.8	ZP NP Cr	A2 A4	Br
4.8 8.8	ZP NP Cr	A2 A4	
St 100 HV	ZP HDG	A2 A4	
4.6 5.6	ZP HDG		
8.8 10.9	ZP flZn	A2 A4	Br

* DIN: ISO/EN identical = interchangeable ** DIN: ISO/EN mostly interchangeable *** standard conversion DIN : ISO (→ Technical Information page 62)	① DIN standard withdrawn without replacement	Driving features: H = cross recess Phillips Z = cross recess pozidriv ISR/TORX = hexalobular socket	steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



## Standardised Products

„ISR“ (ISO 14581) (→ISO 10642 „ISR“)		hexalobular socket countersunk head screws (~TORX)
DIN 7992		tee head bolts with large head
DIN 7993		snap rings for shafts and bores
DIN 7995 DIN 7996 DIN 7997		wood screws with cross recess H, - raised countersunk head - round head - countersunk head
DIN 7999 (→EN 14399-8)		hexagon fit bolts with large head for high-strength structural bolting (HVP screws)
DIN 8035 DIN 8039		hammer drills (article 88997), masonry drills (article 88990)
DIN 8140		wire thread inserts: coarse thread, fine pitch thread, with locking (article 88330-88346)
		assortment wire thread inserts (article 88340, 88342)
ISO 8673*** (DIN 934)		hexagon nuts, ISO type 1, metric fine pitch thread
ISO 8674		hexagon nuts, ISO type 2, metric fine pitch thread
ISO 8675*** (DIN 439)		hexagon thin nuts with chamfers, metric fine pitch thread
ISO 8676*/*** (DIN 961)		hexagon head screws with thread up to head, metric fine pitch thread
ISO 8733 (DIN 7979)		parallel pins with internal thread
ISO 8734* (→DIN 6325)		parallel pins
ISO 8735* (→DIN 7979)		parallel pins with internal thread
ISO 8736* (→DIN 7978)		taper pins with internal thread
ISO 8737* (→DIN 7977)		taper pins with external thread, constant threaded part
ISO 8738* (→DIN 1440)		washers for clevis pins
ISO 8739 (→DIN 1470)		parallel grooved pins with pilot
ISO 8740** (→DIN 1473)		full length parallel grooved pins with chamfer

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
8.8 10.9 12.9	ZP flZn	A2 A4	
3.6 4.6	ZP HDG		
SSt			
St	ZP NP Cr	A2 A4	Br Cu Al
10.9 (12.9)	HDG		
St hard.			
		A2 Nimonic Inconel	bronze
		A2	
6 8 10	ZP NP	A1-A5	Br Cu-alloy
8 10 12	ZP NP	A1-A5	Br Cu-alloy
04 05	ZP NP	A1-A5	Br Cu-alloy
5.6 8.8 10.9	ZP	A1-A5	
St un-tempered hard.		A1-A5 C1	
St hard.		C1	
St. un-tempered		A1-A5 C1	
St			
St	ZP NP	A1-A5	Br
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic

\* DIN: ISO/EN identical = interchangeable  
 \*\* DIN: ISO/EN mostly interchangeable  
 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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**Standardised Products**

ISO 8741** (→DIN 1474)		grooved pins, half length reverse grooved
ISO 8742** (→DIN 1475)		grooved pins, third length centre grooved
ISO 8744** (→DIN 1471)		grooved pins, full-length taper grooved
ISO 8745** (→DIN 1472)		grooved pins, half length taper grooved
ISO 8746* (→DIN 1476)		grooved pins with round head
ISO 8747* (→DIN 1477)		grooved pins with countersunk head
ISO 8748** (→DIN 7344)		spring-type straight pins, coiled, heavy duty
ISO 8750** (→DIN 7343)		spring-type straight pins, coiled, standard duty
ISO 8752** (DIN 1481)		spring type straight pins, heavy duty
ISO 8765*/*** (→ DIN 960)		hexagon head bolts with shank, fine pitch thread
DIN 9021** (→ ISO 7093)		plain washers, outside diameter = 3 x d
DIN 9045		retaining rings
DIN 9841 (→ ISO 7379)		cheese head screws with hexagon socket and beginning shank (shoulder screws)
ISO 10509** (DIN 6928)		hexagon flange head tapping screws
ISO 10510** (DIN 6901)		tapping screw and washer assemblies with plain washers
ISO 10511*** (→ DIN 985)		prevailing torque type hexagon thin nuts, non metal (plastic ring),
ISO 10512*** (→ DIN 982/ 6924)		prevailing torque type hexagon nuts, ISO type 1, metric fine pitch thread, non metal (plastic ring)
ISO 10513*** (→ DIN 980/ 6925)		prevailing torque type hexagon nuts, ISO type 2, metric fine pitch thread, all metal
ISO 10642** (DIN 7991)		hexagon socket countersunk head screws
„ISR“		countersunk head screws with hexalobular socket (~TORX)
ISO 10644** (DIN 6900)		screw and washer assemblies with plain washers

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
SSt		1.4310	
SSt		1.4310	
SSt		1.4310	
10.9 12.9	ZP	A1-A5	
St	ZP HDG flZn	A2 A4	Br plastic
SSt			
10.9 12.9			
St hard.	ZP NP	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
04 05	ZP NP		
6 8 10	ZP flZn NP Cr		
8 10 12	ZP flZn NP Cr		
8.8 10.9 12.9	ZP fglZn	A2 A4	Br
8.8 10.9 12.9	ZP flZn	A2 A4	
4.8- 10.9 12.9	ZP NP	A2 A4	Br

\* DIN: ISO/EN identical = interchangeable  
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 \*\*\* standard conversion DIN : ISO  
 (→ Technical Information page 62)

① DIN standard withdrawn without replacement

Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



**Standardised Products**

ISO 10669 ISO 10673** (DIN 6903/ 6902)		plain washers for tapping screw and washer assemblies plain washers for screw and washer assemblies
DIN 11014		flat countersunk double-nib bolts
DIN 11015		cup head square neck bolts for agricultural machines
DIN 11023		linch pins
		pipe linch pins (article 88023)
DIN 11024		spring cotters for a bolt
ISO 13337 (DIN 7346*)		spring-type straight pins, slotted, light duty
EN 14218 (ISO 10663) (DIN 6923)		hexagon flange nuts, metric fine pitch thread
		hexagon locking nuts with flange
EN 14219 (ISO 15072) (DIN 6921)		hexagon nuts with flange, metric fine pitch thread
EN 14399 -4/-6 (DIN 6914- 6916)		assemblies of hexagon bolts, nuts and washers for high-strength structural bolting, system HV
		safety sleeves for high strength structural bolting screws (article 88916)
EN 14399-8 (DIN 7999)		hexagon fit bolts with large head for high-strength structural bolting, system HV (HVP bolts)
EN 14399-9		direct tension indicators for bolt and nut assemblies for high-strength structural bolting assemblies
EN 14399-10		bolt and nut assemblies with calibrated preload, system HRC
ISO 14579* (→DIN 912 ISR)		hexalobular socket head cap screws (~TORX)
ISO 14580* (→DIN 7984 ISR)		hexalobular socket cheese head screws (~TORX)
ISO 14581** (→ DIN 10642 „ISR“)		hexalobular socket countersunk head screws (~TORX)
ISO 14583 (→DIN 7985 ISR)		hexalobular socket pan head screws (~TORX)
ISO 14584		hexalobular socket raised countersunk head screws (~TORX)
ISO 14585 (→DIN 7981 ISR)		hexalobular socket pan head tapping screws (~TORX)

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP NP	A2 A4	Br
3.6 4.6	ZP		
8.8 10.9	ZP		
St	ZP		
St	ZP		
St	ZP		
SSt		1.4310	
8 10 12	ZP NP	A2 A4	
8 10 12	ZP NP	A2 A4	
8.8 10.9 12.9	ZP fZn	A2 A4	
8.8 10.9 8/10	ZP HDG		
St			
10.9	HDG		
St hard.	SherardZn		
10.9	HDG		
8.8 10.9 12.9	ZP fZn NP	A2 A4	
4.8 5.8	ZP fZn Cr	A2 A4	
4.8 5.8	ZP fZn Cr	A2 A4	
4.8 5.8	ZP fZn Cr	A2 A4	
4.8 5.8	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	

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steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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DIN/ISO/EN



**Standardised Products**

ISO 14586 (→DIN 7982 ISR)		hexalobular socket countersunk head tapping screws ( $\alpha = 90^\circ$ ) (~TORX)
ISO 14587		hexalobular socket raised countersunk head tapping screws (~TORX)
DIN 15058		axle holders (for lifting appliances)
DIN 15237		seating screws with cupped washer, for attachment of components to belts
ISO 15480- 15483 (→ DIN 7504)		drilling screws with tapping screw thread
ISO 15973- 16858 (DIN 7337)		blind rivets → article 88401-88488 → <b>REYHER® FIXING SYSTEMS</b>
DIN 16903		insert nuts for plastic mouldings
DIN 18182		dry wall screws for gypsum plasterboards
		dry wall screws magazined
ISO 21269 (DIN 912)		hexagon socket head cap screws with metric fine pitch thread
DIN 21346		square head bolts for wooden shaft guides
DIN 21530 DIN 21547		round head bolts with oval shoulders
DIN 22424 DIN 22425		triangle head bolts
DIN 25192		T-head bolts for railway vehicles
DIN 25193		mushroom head anchor screws
		joint shims for bolts DIN 603 (article 88102)
DIN 25195		countersunk bolts with double nib
DIN 25197		cap bolts for railway vehicles
DIN 25200 DIN 25201 DIN 25203		bolts, nuts and safety elements for railway vehicles
DIN 26020		tommy nuts for domes at tank wagons
DIN 28030		bolts and nuts for flange joints for vessels and process apparatuses, for the use acc. to AD-/TRD regulations

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St	ZP		
3.6	ZP	A2 A4	
St case-hard.	ZP NP		
St	ZP painted	A2 A4	Al Cu Cu-alloy plastic
St	ZP		Br Al
St case-hard.	ZP browned		
8.8 10.9 12.9	ZP NP	A2	
3.6	ZP		
4.6	ZP HDG		
5.8	ZP NP	A1 A2	Br
3.6 4.6	ZP		
3.6 4.6	ZP		
St	ZP		
4.6	ZP		
4.6 5.8	ZP		
4.6 8.8 10.9 St/SSt	ZP HDG flZn	A1-A5	
5	ZP flZn		
material acc. to DIN 267-13,29	ZP HDG flZn		

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 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic



DIN/ISO/EN



## Standardised Products

DIN 70951		retaining rings (for hooks) for lock nuts acc. to DIN 70851
DIN 70952		lockwashers/safety plates for locknuts
DIN 71412		lubricating nipples
		lubricating nipple caps
DIN 71752		fork joints
		"spring flap bolts" ("ES bolts") (article 88752)
DIN 71802 DIN 71803 DIN 71805		angle joints (ball joints)
DIN 74361		bolts with spherical collar (type G) wheel bolts (type D, E)
DIN 74361		nuts with spherical collar (type A), flat collar nuts (type B)
DIN 74361		spherical spring washers (type C)
DIN 80403		socket pins
DIN 80701		butterfly nuts
DIN 80704		bow nuts
DIN 80705		thin hexagonal nuts with small wrench size
DIN 81698		eye bolts with small eye
DIN 82006 DIN 82008 DIN 82010		oval eyes, double lug head fittings, stud eye head fittings for swivels and turnbuckles
DIN 82013		round nuts
DIN 82024 DIN 82025 (ISO 8146)		round eye plates, oval eye plates
DIN 82101 DIN 82102 DIN 82103		D-shackles, forged
DIN 87721		drain screws (docking plugs) welding plates

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
SSt wire			
St			
5.8	ZP	A2 A4	plastic
St	ZP phos		
St	ZP		
St	ZP		
8.8 10.9			
8 10	ZP flZn		
SSt St	ZP flZn		
St	ZP	A2 A4	
St	ZP	A2 A4	Br
		A2 A4	Br Al
14 H	ZP		Br
			Br Al
St C 15 C 22	ZP HDG		
6 Au 8	ZP	1.3952	
St	ZP HDG		
St	ZP HDG	A2 A4	
St 52-3		1.4436 1.4571	

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Driving features:  
 H = cross recess Phillips  
 Z = cross recess pozidriv  
 ISR/TORX = hexalobular socket

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
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