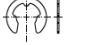
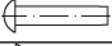
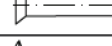
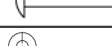
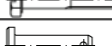
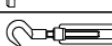
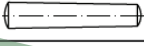
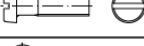
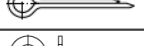
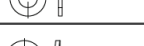
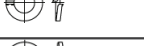
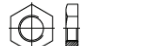
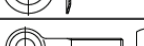
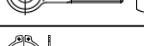
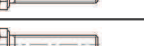


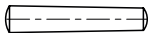
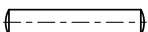
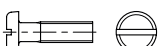
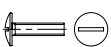
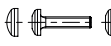
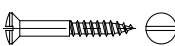
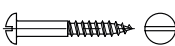
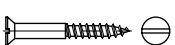
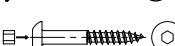
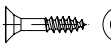
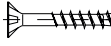


קשיחים תעשייתיים בתקן DIN, ISO

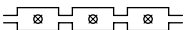
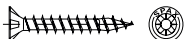
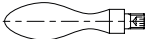
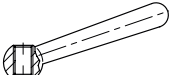
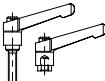
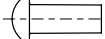
ברגים - ר' אלן, ר', ר' פיליפס קוני, ר' פיליפס עגול, ר' משושה
אומים - אום משושה, אום ניילון
דיסקיות - קפיציות, מרווח
פינים - פינים פצילים

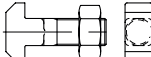
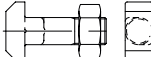
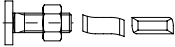
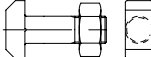
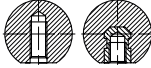
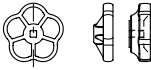
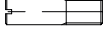
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	אום ניילוק	DIN985 ISO10511
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	אום כיפה	DIN1587
	דיסקת כוכב חיצוני	DIN6798A
	טבעת פרסה	DIN6799
	בורג משושה עם פלנג'	DIN6921
	אלן ראש כפתור	ISO7380-1
	ראש פן פיליפס	DIN7985A ISO7045
	מוט הברגה	DIN975
	מסמרה	DIN660
	מסמרה	DIN661
	מסמרה	DIN662
	מסמרה	DIN663
	טבעת עגינה לכבל	DIN 741
	בורג משושה הברגה עדינה	DIN 960
	בורג משושה	DIN 962
	פין	DIN 1444
	מותח כבל	DIN 1480
	קליפ גומי	DIN 3016
	קליפס לצנרת	DIN 3017
	וו תפיסה	DIN 5299
	בורג קודח	DIN 7504

תמונה	תיאור	DIN
	פין	DIN1
	פין פרלל	DIN7
	בורג ראש שטוח	DIN84
	פין פציל	DIN94
	דסקה שטוחה	DIN125 ISO7089
	דסקה קפיצית	DIN127
	דיסקה גלית	DIN128
	אום כנף (פרפר)	DIN315
	בורג כנף (פרפר)	DIN316
	אום שטוחה	DIN431
	דיסקה	DIN432
	בורג עין	DIN444
	טבעת פרסה	DIN471
	טבעת פרסה	DIN472
	בורג משושה הברגה קצרה	DIN610
	אלן עם ראש	DIN912 ISO4762
	ראש משושה עם הברגה חלקית	DIN931 ISO4014
	ראש משושה עם הברגה מלאה	DIN933 ISO4017
	אלן בלי ראש	DIN916 ISO4029
	אום משושה	DIN934 ISO4032
	אום משושה מחורץ	DIN935
	ראש שקוע פיליפס	DIN965A ISO7046

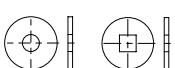
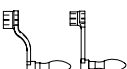
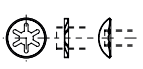
DIN 1 (ISO 2339**)		taper pins
DIN 7 (ISO 2338**)		parallel pins
DIN 39		fixed ball handles
DIN 84 (ISO 1207***)		slotted cheese head screws
DIN 85 (ISO 1580***)		slotted pan head screws
(ISO 7380) (ISO 14583)		slotted mushroom head screws
„ISR“	  	– „slotted cup head bolts“ art. 88107 – with hexagon 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	A2 A4	Br Cu Cu-alloy Al
St	ZP HDG NP Cr Br browened emaled	A2 A4	Br Cu Cu-alloy Al
St	ZP HDG browened		
St hard. waxed	ZP	A2 A4	
St hard.	ZP NP	A2 A4	
St hard. waxed	ZP	A2	Br

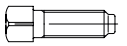
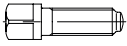
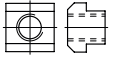
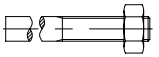
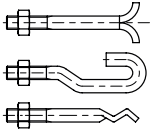
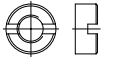
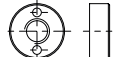
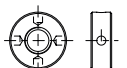
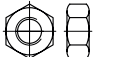
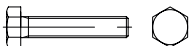
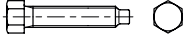
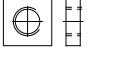
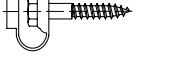
			steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
		SPAX screws assortment (article 88478/88479)	St hard. waxed	ZP		
		chipboard screws/ SPAX screws, magazined (banded) chipboard screws, magazined				
DIN 97		slotted countersunk head wood screws with inner hole	St	ZP	A2 A4	Br
		chipboard screws/SPAX screws countersunk head with cross recess and inner hole (article 88099)	St hard. waxed	ZP		
		caps for wood screws and chipboard screws with inner hole or with cross recess flat, half round, rustic (article 88000-88003)				plastic
DIN 98		rotatable ball handles	St			Al plastic
DIN 99		tapered handles	St		A2	
		clamping lever and tension lever	St	browned		ZP/plastic plastic
DIN 123 DIN 124 (ISO 1051)		round rivets, nominal diameter 10-36 mm	St			
DIN 125 (→ISO 7089*/ 7090*)		plain washers, type A = no chamfer, type B = with chamfer plain washers, hardened → ISO 7089/7090	St hard.	ZP HDG mechZP fiZn	A2 A4	Br Cu Al plastic
DIN 125 125/127		washers assortment washers/spring lock washers assortment (article 82125/82127)	St hard.	NP Cr		
DIN 126 (ISO 7091*)		plain washers plain washers ("type 1") (article 88100)"	St	ZP HDG		
		collar washers (article 88499/88965)	St	NP Cr	A2 A4	Br Al
DIN 127 ^①		spring lock washers	SSt	ZP HDG fiZn	1.4310 A4	bronze
		spring lock washers, double	SSt	ZP HDG		
DIN 128 ^①		spring washers (mandrel spring washers)	SSt	ZP HDG	1.4310 A4	bronze
DIN 137 ^①		spring washers type A = convex, type B = corrugated	SSt	ZP	1.4310	bronze
		TECKENTRUP lock washers for hexagon head screws and hexagon socket head cap screws (article 88123-88129)	SSt	mechZP fiZn	1.4568	
		lock rings (article 88130/88131)	SSt	ZP fiZn	1.4310	bronze

		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 [®]		washers with external tap
DIN 433 (ISO 7092*)		washers for cheese head screws

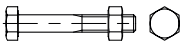
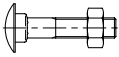
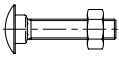
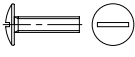
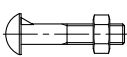
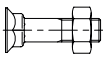
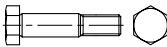
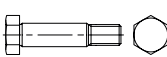
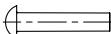
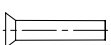
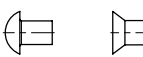
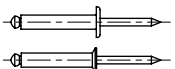
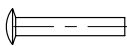
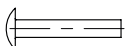
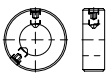
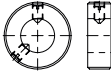
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St hard.	ZP mechZP flZn	A2 A4	
St hard.	ZP flZn	A4	
St	ZP HDG	A2 A4	
St	ZP HDG	A2 A4	
4.6	ZP	A2 A4	
St	ZP	A2 A4	
St		A1 A2	
St	ZP HDG	A2 A4	
St			
St			
St			
St MCI	ZP NP	A2 A4	Br plastic
ST MCI	ZP NP	A2	Br plastic
St			plastic
St hard.			
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 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 ^①		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

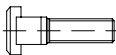
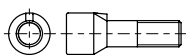
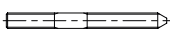
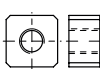
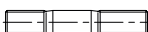
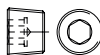
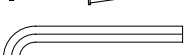
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP HDG	A2 A4	
St	ZP HDG	A2 A4	
St	ZP HDG	A2 A4	
14 H	ZP NP	A1-A5	Br
04, 11 H 05, 14 H	ZP NP Cr	A1-A5	Br
St	ZP HDG		
St	ZP		
St	ZP	A1-A5	Br
St	ZP	A2 A4	Br Cu
St	ZP	A2 A4	Br Cu
St	ZP NP Cr	A1-A5	Br Al plastic
5	ZP NP Cr	A1-A5	Br Al 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	

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

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	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		

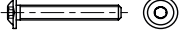
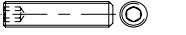
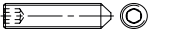
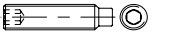
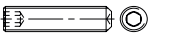
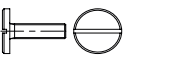
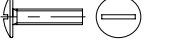
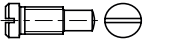
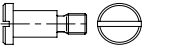
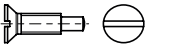
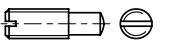
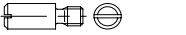
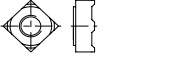
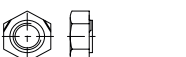
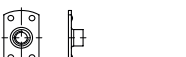
DIN 787 (ISO 229*)		T-slot screws
DIN 792		countersunk cheese head screws
DIN 797		anchor bolts
DIN 798		anchor nuts
DIN 835		studs, metal end = 2 d
DIN 906		hexagon socket pipe plugs with taper thread
		hexagon socket pipe plugs, taper thread acc. to USA-/BS-Standard, types: NPTF, PTF, BSPT
DIN 908		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 wrenches) for hexagon socket (also with ball head)
		hexagon screw driver with handle
„ISR“		socket screw keys (socket wrenches) 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		
St	ZP	A1-A5	Cu-alloy
St	ZP		
St -QT	ZP NP		
St -QT			handle = plastic
St -QT	ZP NP		
St -QT			
8.8 10.9 12.9	ZP flZn NP Cr	A2-A5	Br
8.8 12.9	ZP	A2 A4	

DIN/ISO/EN



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 flZn	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)

☐ 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 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



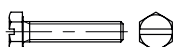
hexalobular head screws/bolts (~TORX)
(→ DIN 34800, 34801)

DIN 933
(ISO 4017***)

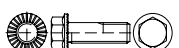


hexagon head screws with thread up to head
- with metric thread M
- with inch thread UNC/UNF
- for container construction as per
AD/TRD regulations

DIN 933



slotted hexagon head screws



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

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

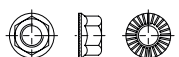


hexagon nuts
- with metric thread M
- with inch thread UNC/UNF
- for container construction as per
AD/TRD regulations

DIN 934



hexagon nuts assortment
(article 82934, 82935)



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

DIN 935



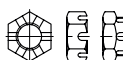
hexagon slotted and castle nuts

DIN 936
(→ISO 4035/
8675***)



hexagon thin nuts

DIN 937
(→DIN 979)



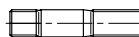
hexagon thin slotted and castle nuts

DIN 938



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

DIN 939



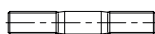
studs, metal end = 1,25 d
also for container construction as per
AD/TRD regulations

ANSI



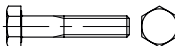
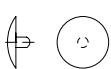
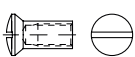
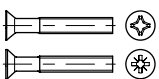
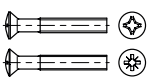
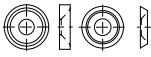
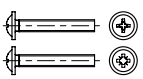
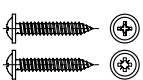
threaded bolts (→ DIN 976)

DIN 940

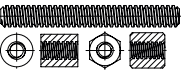
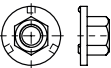
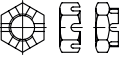
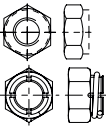
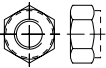
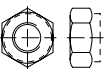


studs, metal end = 2,5 d

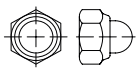
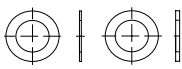
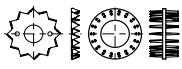
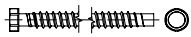
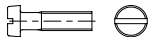
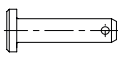
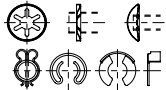
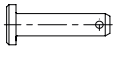
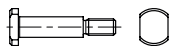
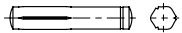
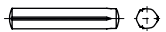
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
5.6 8.8 10.9 12.9 1.7709	ZP HDG flZn NP Cr	A2-A5 A2/A4-70 A2/A4-80	Br Cu-alloy Al plastic
8.8 10.9	ZP		
5.6 8.8 10.9 12.9 1.7709	ZP HDG flZn NP Cr	A2-A5 A2/A4-70 A2/A4-80	Br Cu-alloy Al plastic
5.6 8.8 10.9	ZP NP Cr	A2-A5	Br Cu-alloy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

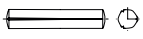
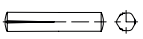
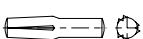
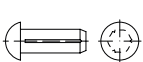
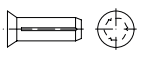
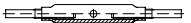
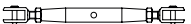
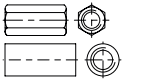
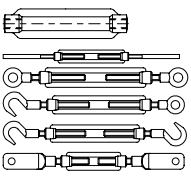
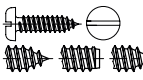
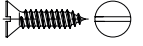
DIN 949-1 DIN 949-2		studs with metric thread for interference MFS, metal end: -1 = 2 d, -2 = 2,5 d
DIN 950 DIN 951 DIN 959		hand wheels and ball cranks acc. to standard and special form
DIN 960 (→ISO 8765***)		hexagon head bolts with shank, fine pitch thread
DIN 961 (→ISO 8676***)		hexagon head screws 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
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 flZn NP Cr	A1-A5	Br Cu-alloy Al plastic Ti

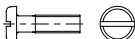
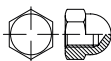
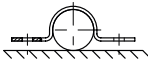
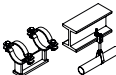
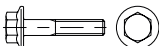
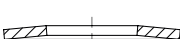
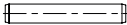
DIN 975		threaded rods – with metric thread M – with inch thread WW, UNC/UNF – lengths: 1000, 2000 and 3000mm
DIN 975		threaded rods with trapezoidal thread nuts with trapezoidal thread, round hexagon (article 88089, 88090)
DIN 976-1		stud bolts – with metric thread M,
DIN 976-2		– with metric thread for interference MFS
ANSI		stud bolts with hexagon nuts
DIN 977 (ISO 21670)		hexagon weld nuts with flange
DIN 979		hexagon thin slotted and castle nuts
DIN 980 (→DIN 6925***) (ISO 7042/ 7719/ 10513)		prevailing torque type hexagon nuts, all-metal type M = two parts (SPRING-STOP/VARGAL/DAX) type V = single component (STOVER/CLEVELOC/UNI_SZOP/BILOC)
		THERMAG nuts, all-metal nuts, single component (article 88105)
DIN 981		locknuts for rolling bearings
		locknuts with non metallic-insert GUA/GUK/ GUP FINE-U-Nut
DIN 982 (→DIN 6924***) (ISO 7040/ 7041/ 10512)		prevailing torque type hexagon nuts with non-metallic insert (plastic), high type
DIN 983		retaining rings with lugs for shafts (retainer rings)
DIN 984		snap rings with lug, retaining rings for bores
DIN 985 (→DIN 6924***) (ISO 10511/ 10512)		prevailing torque type hexagon nuts with non-metallic insert (plastic), low type

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 flZn	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 flZn	A1-A5 ASTM	Br plastic
5.6 8.8 ASTM AISI BS	ZP HDG flZn 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

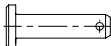
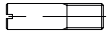
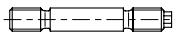
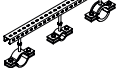
			steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
DIN 985		assortment of prevailing torque type hexagon nuts (article 82985)	8	ZP		
DIN 986		prevailing torque type hexagon domed cap nuts with non-metallic insert	5 6 8 10	ZP NP	A1-A5	
DIN 988		shim rings/supporting rings	St SSt		A1-A5	
DIN 1052		timber connectors, spikes one sided or two sided metal sheet/malleable cast iron	MCI St	black varnish ZP HDG flZn		
DIN 1052		washers for timber connectors	St	ZP HDG flZn	A2 A4	
DIN 1052		ABC threaded rods with wood screw thread for lateral pass and lateral pressure reinforcement for large timber components (article 88052)	St			
DIN 1142 (EN 13411)		clamps for wire ropes for end joints	MCI stirrup 6.8	ZP	A2 A4	
ISO 1207 (DIN 84)		slotted cheese head screws	4.8 5.8	ZP NP Cr Br	A1-A5	Br Cu-alloy Al plastic
ISO 1234* (→DIN 94)		split pins	St	ZP	A2	Br Cu Al
DIN 1433- 1436		bolts with or without head (→ DIN 1443/1444)	St	ZP	A1-A5	Br Al
DIN 1440 (ISO 8738**)		washers for clevis pins, product grade A	St	ZP NP	A1-A5	Br
DIN 1441		washers for clevis pins, product grade C	St	ZP NP	A1-A5	Br
DIN 1443 (ISO 2340)		clevis pins without head, type A = without pin holes type B = with pin holes	St HDG	ZP HDG	A1-A5	Br Al
		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"	SSSt mechZP flZn	ZP mechZP flZn	1.4310	
DIN 1444 (ISO 2341**)		clevis pins with head type A = without pin hole type B = with pin hole	St	ZP HDG flZn	A1-A5	Br Al
DIN 1445		clevis pins with head and cone end	St	ZP	A1-A5	Br Al
DIN 1469		grooved pins with neck	St	ZP NP	A1 A2 1.4104	Br Al plastic
DIN 1470 (ISO 8739**)		straight grooved pins with pilot end	St	ZP NP	A1 A2 1.4104	Br Al plastic

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 SPAE = 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 35 St 50-2	ZP flZn	A2 A4	
St	ZP flZn	A4	
St 6 AU	ZP flZn	A1-A5	Br
St flZn	ZP flZn	A1-A5	Br
St case-hard.	ZP NP Cr	A2 A4	
3.6	ZP flZn	A4	
SSt		1.4310	
SSt		1.4310	
SSt			
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	

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

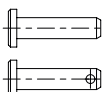
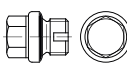
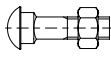
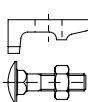
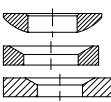
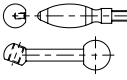
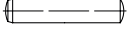
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St case-hard.	ZP NP Cr	A2 A4	
4.8 5.8	ZP NP Cr	A1-A5	Br Cu-alloy Al plastic
6 AU 8	ZP NP Cr	A1-A5	Br Al plastic
St	ZP HDG primed	A2-A5	
St	ZP HDG	A2-A5	
8 10 12	ZP flZn NP	A2 A4	
8.8 10.9	ZP flZn	A2 A4	
8 10 12	ZP flZn NP	A2 A4	
8 10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

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 → REYHER' FIXING SYSTEMS
DIN 3570		stirrup bolts

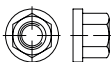
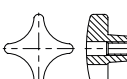
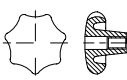
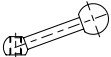
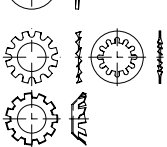
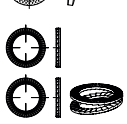
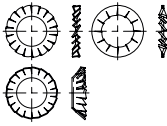
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP HDG flZn	A1-A5	Br Al
14 H	ZP	A1-A5	Br
5.6			
material → DIN 267-13		material → DIN 267-13	
material → DIN 267-13		material → DIN 267-13	
material → DIN 267-13		material → DIN 267-13	
material → DIN 267-13		material → DIN 267-13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

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-Ø ~ pitch -Ø
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 4036***/* (DIN 439/ 936)		hexagon thin nuts (with chamfers/without chamfers)
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 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		
SSSt			
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 flZn	ZP HDG flZn		
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 flZn		
St			plastic
St hard. 6 AU 8 10	ZP	A1-A5	Br

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 ^①		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 ^①		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
SSSt	mechZP flZn	1.4310	
SSSt	mechZP flZn	1.4568	
SSSt	ZP	1.4310	bronze
SSSt	mechZP flZn	1.4568	
SSSt	mechZP flZn	A4	
St hard.	ZP flZn	A2 A4	
SSSt	ZP flZn	1.4310	
St hard.	ZP flZn	A4	
SSSt	ZP	1.4310 A4	bronze

		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)

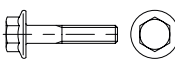
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
SSt	mechZP flZn	A4	
SSt	ZP flZn	A4	bronze
SSt		1.4034 1.4122	bronze
SSt mechZP flZn	ZP mechZP flZn	1.4310	
St			
St		A2 A4	
St		A2 A4	
St		A2 A4	
St		A2 A4	
St		A2 A4	
St	ZP HDG	A2 A4	
4.8 5.8 8.8 10.9 St case-hard.	ZP NP Cr	A2 A4	Br
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		

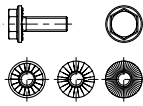
DIN 6915
(→EN 14399)  hexagon nuts with large wrench size
for high-strength structural bolting, system HV

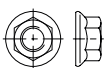
DIN 6916
(→EN 14399)  plain chamfered washers
for high-strength structural bolting, system HV

DIN 6917  square taper washers, for friction grip bolts
on I sections in steel constructions

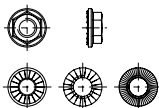
DIN 6918  square taper washers, for friction grip bolts
on U sections in steel constructions

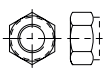
DIN 6921  hexagon flange bolts
DIN 6922
(ISO 4162/
8100-04)
(EN 1665) hexagon flange bolts acc. to MBN 10105
(article 10105)

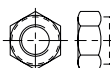
 locking screws, RIPP screws
(TENSILOCK/DURLOK)
(article 88913, 88933)

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)

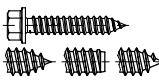
DIN 6924
(ISO 7040**/
10512)  prevailing torque type hexagon nuts
with non-metallic insert (plastic)

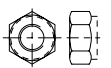
DIN 6925
(ISO 7042**/
7719/
10513)  prevailing torque type hexagon nuts,
all-metal

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)

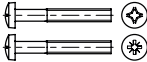
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
10 (12)	HDG		
C 45 -QT	HDG		
C 45 -QT	HDG		
C 45 -QT	HDG		
8.8 10.9 12.9	ZP flZn		
90/100 10.9 12.9	ZP		
8 10 12	ZP flZn	A2 A4	
8 10 12	ZP flZn	A2 A4	
10 12	ZP flZn	A2 A4	
5 8 10 12	ZP flZn NP Cr		
5 8 10 12	ZP NP Cr		
8 10 12	ZP flZn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

ISO 7042*
(→ DIN 6925)



prevailing torque type hexagon nuts,
all-metal

ISO 7045
(DIN 7985**)



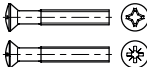
pan head screws
with cross recess type H or Z

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



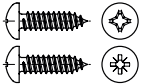
countersunk screws
with cross recess type H or Z

ISO 7047
(DIN 966***)



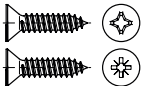
raised countersunk screws
with cross recess type H or Z

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)



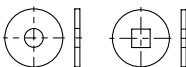
plain washers, small series,
product grade A

ISO 7093-1
ISO 7093-2*
(→ DIN 9021)



plain washers, large series,
product grade A

ISO 7094*
(→ DIN 440)



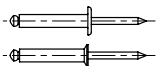
plain washers, extra large series,
product grade C

DIN 7331

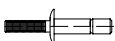


compression rivets

DIN 7337
(ISO 15973-
16585)

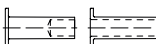


blind rivets
(article 88401-88488) → **REYHER
FIXING
SYSTEMS**



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

DIN 7338



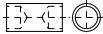
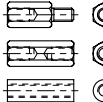
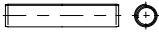
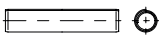
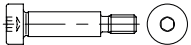
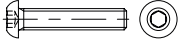
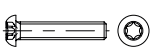
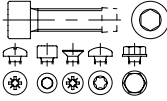
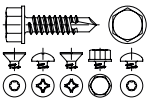
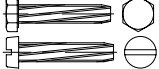
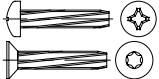
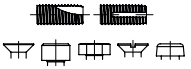
rivets for brake linings and clutch linings

DIN 7339
DIN 7340



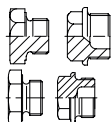
hollow rivets, tubular rivets

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
5 8 10 12	ZP flZn 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 flZn NP Cr	A1-A5	Br Cu Al plastic
St 200 HV 300 HV	ZP flZn NP Cr	A1-A5	Br Cu Al plastic
St 100 HV	ZP HDG flZn	A2 A4	
St 200 HV 300 HV	ZP flZn NP Cr	A1-A5	Br
St 200 HV 300 HV	ZP HDG flZn	A1-A5	Br Al
St 100 HV	ZP HDG flZn	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 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

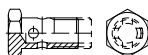
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St		A1-A5	Br
St		A1-A5	Al Br plastic
SSt		1.4310	
SSt		1.4310	
SSt		1.4310	
SSt		1.4310	
St	ZP HDG NP	A2	
10.9 12.9			
10.9 12.9	ZP	A2 A4	Br
4.6 8.8 10.9 12.9	ZP	A2 A4	
8.8 10.9 12.9	ZP	A2 A4	
14 H	ZP NP	A1-A5	Br
14 H	ZP NP	A1-A5	Br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

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"

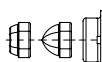


tee nuts with prong
(article 88108)

DIN 7967 ①

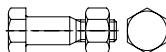


self locking counter nuts



PAL-hatclips-nuts

DIN 7968



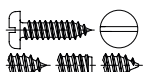
hexagon fit bolts for steel structures

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***)

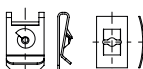


slotted countersunk head tapping screws

DIN 7973
(ISO 1483****)



slotted raised countersunk head tapping screws



clip/spring nuts
for taper screw threads (→ DIN 34818)

DIN 7971/
7973

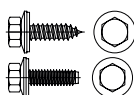


tapping screw assortment
(article 82971, 82973)

DIN 7976
(ISO 1479**)



hexagon head tapping screws

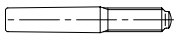
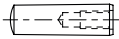
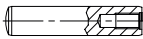
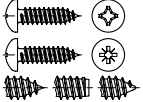
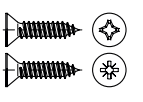
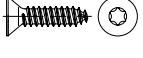
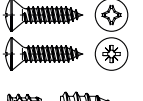
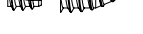
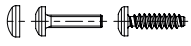
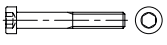
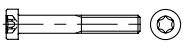
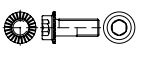
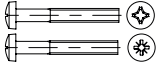
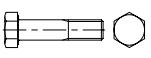
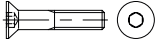


tapping screws for facing (article 88176, 88276)
with assembled sealing washer
type A = with cone end,
type BZ = with full dog point



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 flZn NP Cr		
5.6 5.8 8.8	ZP NP	A1-A5	Br
St	ZP	A2 A4	Br Al plastic
St	ZP		
SSSt	ZP HDG	1.4310	
SSSt	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	
SSSt	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 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

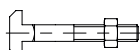
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St		A1-A5	
St		A1-A5	
St		A1-A5	
SSSt	ZP	1.4310 A4	
SSSt	mechZP flZn	1.4568	
SSSt	flZn		
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 A4	
St case-hard.	ZP NP Cr	A2 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

„ISR“
(ISO 14581)
(→ISO 10642
„ISR“)



hexalobular socket countersunk
head screws (~TORX)

DIN 7992



tee head bolts with large head

DIN 7993



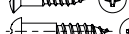
snap rings for shafts and bores

DIN 7995



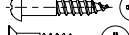
wood screws with cross recess H,

DIN 7996



– raised countersunk head

DIN 7997

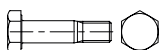


– round head



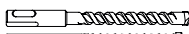
– countersunk head

DIN 7999



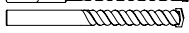
hexagon fit bolts with large head
for high-strength structural bolting (HVP screws)

DIN 8035



hammer drills (article 88997),

DIN 8039



masonry drills (article 88990)

DIN 8140

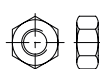


wire thread inserts:
coarse thread, fine pitch thread, with locking
(article 88330-88346)



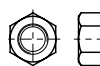
assortment wire thread inserts
(article 88340, 88342)

ISO 8673***
(DIN 934)



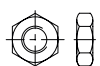
hexagon nuts, ISO type 1,
metric fine pitch thread

ISO 8674



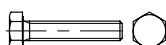
hexagon nuts, ISO type 2,
metric fine pitch thread

ISO 8675***
(DIN 439)



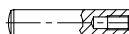
hexagon thin nuts with chamfers,
metric fine pitch thread

ISO 8676*/***
(DIN 961)



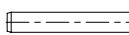
hexagon head screws with thread up to head,
metric fine pitch thread

ISO 8733
(DIN 7979)



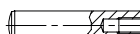
parallel pins with internal thread

ISO 8734*
(→DIN 6325)



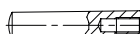
parallel pins

ISO 8735*
(→DIN 7979)



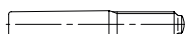
parallel pins with internal thread

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)



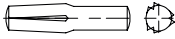
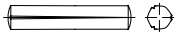
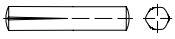
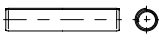
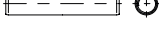
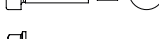
parallel grooved pins with pilot

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			
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

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

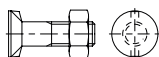
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
St	ZP NP	A1 A2 1.4104	Br Al plastic
SSt		1.4310	
SSt		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

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)

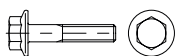


hexagon flange nuts,
metric fine pitch thread



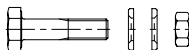
hexagon locking nuts with flange

EN 14219
(ISO 15072)
(DIN 6921)



hexagon nuts with flange,
metric fine pitch thread

EN 14399
-4/-6
(DIN 6914-
6916)

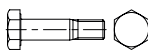


assemblies of hexagon bolts, nuts and washers
for high-strength structural bolting, system HV



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)



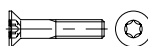
hexalobular socket head cap screws (~TORX)

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)



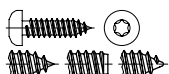
hexalobular socket pan head screws (~TORX)

ISO 14584



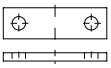
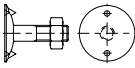
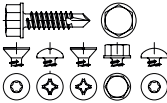
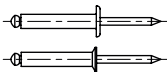
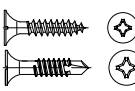
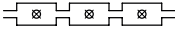
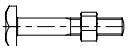
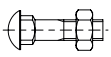
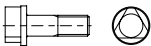
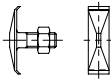
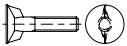
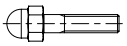
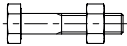
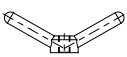
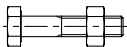
hexalobular socket raised countersunk head screws
(~TORX)

ISO 14585
(→DIN 7981
ISR)

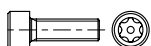
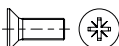
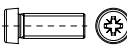
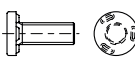
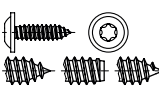
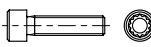
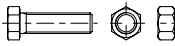


hexalobular socket pan head tapping screws
(~TORX)

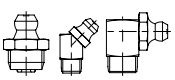
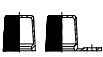
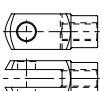
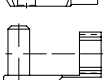
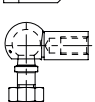
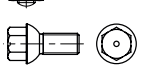
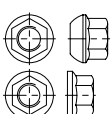
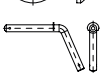
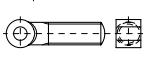
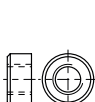
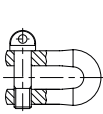
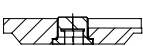
steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP NP	A2 A4	Br
3.6 4.6	ZP		
8.8 10.9	ZP		
St	ZP		
St	ZP		
St	ZP		
SSt		1.4310	
8 10 12	ZP NP	A2 A4	
8 10 12	ZP NP	A2 A4	
8.8 10.9 12.9	ZP flZn	A2 A4	
8.8 10.9 8/10	ZP HDG		
St			
10.9	HDG		
St hard.	SherardZn		
10.9	HDG		
8.8 10.9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

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 → REYHER® FIXING SYSTEMS
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/SSst	ZP HDG flZn	A1-A5	
5	ZP flZn		
material acc. to DIN 267-13,29	ZP HDG flZn		

DIN 28129		clamp nuts (lifting nuts)
DIN 28152		clamps for vessels
DIN 32500 DIN 32501		studs for drawn arc stud welding threaded bolts, concrete anchors, shear connectors
DIN 34800 DIN 34801		hexalobular head screws/bolts (~TORX) with small or large flange
DIN 34802		hexalobular socket head cap screws with large driving feature (~TORX)
DIN 34810		hexagon head screws made of plastic
DIN 34811		countersunk screws with cross recess Z, made of plastic
DIN 34812		pan head screws with cross recess Z, made of plastic
DIN 34813		cheese head screws with cross recess Z, made of plastic
DIN 34814		hexagon nuts made of plastic
DIN 34815		washers made of plastic, normal series
DIN 34816		washers made of plastic, large series
DIN 34817		welding screws with metric thread
DIN 34818		spring nuts with tapping screw thread
DIN 34819		hexalobular socket raised head tapping screws with collar (~TORX)
DIN 34820		plain washers for steel structures acc. to DIN 18800
DIN 34821 DIN 34822 DIN 34824		screws with 12 point socket: – with cheese head – with flange head – with raised countersunk head
DIN 46258 DIN 46320		hexagon counter nuts, standard and heavy type
DIN 46288		connection washers for electrical contact
DIN 58450		slotted pan head screws, scale screws
DIN 70613- DIN 70618		hexagon screws, hexagon nuts, with small wrench sizes
DIN 70852		locknuts for hook spanners

steel plain	steel coated	stainless steel	brass Cu / Al / Ti plastic
St	ZP flZn		
St	ZP	A4 1.7709	
St 4.8		A2	CuZP Al AlMg AlSi
8.8 10.9	ZP flZn	A2 A4	
8.8 10.9	ZP flZn		plastic
			plastic
			plastic
			plastic
			plastic
			plastic
8.8			
SSSt	flZn		
St case-hard.	ZP NP	A2 A4	
St 300 HV	HDG		
8.8 10.9	ZP	A2 A4	
St	NP		brass
SSSt	ZP		
St		A1	brass
8.8 10.9 8	ZP NP		
St			

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
St C 15 C 22	ZP HDG		Br Al
6 Au 8	ZP	1.3952	
St	ZP HDG		
St	ZP HDG	A2 A4	
St 52-3		1.4436 1.4571	