

BRITISH METRICS

At British Metrics, Quality and Service go Hand in Hand.

We believe that our service and products should be of superior quality, the very best that we can afford.

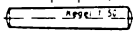
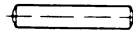
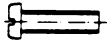


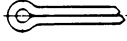

We believe that our customers and clients are the foundation of our business. Our only asset is our ability to serve them. In every dealing we will be honest, truthful and strive to serve their best interest.







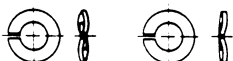
It is these beliefs that guide and govern our business. We look forward to sharing this philosophy with you in our business relationship.



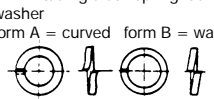
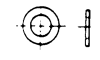
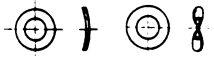
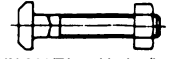
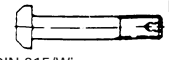



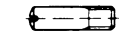
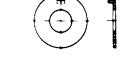
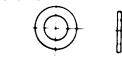
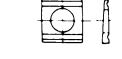
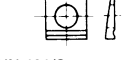
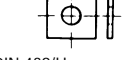

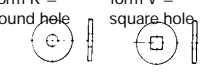

Martin Clark
PRESIDENT



DIN 1/Taper pins, form B 	steel grade 5.8	1 x 8	to 16 x 120
DIN 7/Parallel pins, tolerance m6 	steel, grade 5.8	1 x 4	to 20 x 80
DIN 84/Slotted cheese head screws 	steel, grade 4.8 steel, grade 4.8, zinc plated steel, grade 4.8, nickel plated brass brass, nickel plated stainless steel A 2 stainless steel A 4	AM 2 x 3 AM 2 x 4 AM 2 x 3 AM 2 x 5 AM 2 x 6 AM 2 x 3 AM 2 x 3	to 10 x 100 to 8 x 45 to 8 x 12 to 10 x 50 to 8 x 40 to 10 x 25 to 10 x 30
DIN 85/Slotted pan head screws 	steel, grade 4.8 steel, grade 4.8, zinc plated steel, grade 4.8, zinc plated brass brass, nickel plated stainless steel A 2 stainless steel A 4	AM 2 x 4 AM 3 x 4 AM 2 x 6 AM 3 x 4 AM 3 x 4 AM 3 x 6 AM 3 x 5	to 10 x 60 to 10 x 16 to 6 x 30 to 10 x 20 to 6 x 25 to 6 x 40 to 6 x 40
DIN 93/Tab washers with long tab 	steel steel, zinc plated stainless steel A 4	L-Ø 3,2 L-Ø 5,3 L-Ø 6,4	to 54 to 17 to 21
DIN 94/Split pins 	steel brass stainless steel A 2	1 x 8 1,6 x 8 2 x 20	to 13 x 125 to 6,3 x 50 to 8 x 50
DIN 95/Slotted raised countersunk (oval) head wood screws 	steel, grade 4.8 steel, grade 4.8, zinc plated steel, grade 4.8, nickel plated brass brass, nickel plated brass, chrome plated aluminum stainless steel A 2	2 x 8 2,5 x 12 2 x 10 2 x 8 2,5 x 20 2 x 8 2,5 x 12 2,5 x 16	to 6 x 100 to 6 x 100 to 6 x 70 to 6 x 100 to 6 x 60 to 6 x 100 to 5 x 30 to 6 x 80

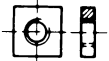
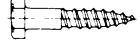



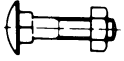
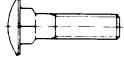



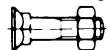



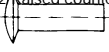
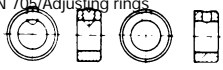
DIN 96/Slotted round head wood screws 	steel, grade 4.8 steel, grade 4.8, zinc plated steel, grade 4.8, nickel plated brass stainless steel A 2	1,6 x 8 2 x 8 2,5 x 20 2 x 8 3 x 30	to 8 x 100 to 6 x 40 to 6 x 25 to 6 x 100 to 5 x 20
DIN 97/Slotted countersunk (flat) head wood screws 	steel, grade 4.8 steel, grade 4.8, zinc plated steel, grade 4.8, nickel plated brass stainless steel A 2	1,6 x 8 2 x 8 2,5 x 10 1,6 x 8 2,5 x 16	to 10 x 120 to 8 x 100 to 5 x 80 to 6 x 120 to 6 x 60
DIN 98/Chamfered plain washers for hexagon bolts and nuts 	steel steel, zinc plated steel, zinc plated and yellow passivated	L-Ø 5,3 L-Ø 5,3	to 74 to 25
DIN 125/Plain washers for hexagon bolts and nuts 	steel steel, zinc plated	L-Ø 1,8 L-Ø 2,5	to 25 to 25
DIN 125/Plain washer for hexagon bolts and nuts 	brass brass, nickel plated aluminum stainless steel A 2 stainless steel A 4 plastic	L-Ø 1,8 L-Ø 3,2 L-Ø 3,2 L-Ø 1,8 L-Ø 3,2 L-Ø 3,2	to 37 to 17 to 13 to 34 to 39 to 17
DIN 126/Coarse washers for hexagon bolts and nuts 	steel steel, zinc plated steel, hot dip galvanized	L-Ø 5,5 L-Ø 5,5 L-Ø 11	to 86 to 30 to 33
DIN 127/Single coil spring lock washers form A = tang ends for B = square ends 	spring steel spring steel, zinc plated spring steel, zinc plated and yellow passivated spring steel, hot dip galv. stainless steel A 2 stainless steel A 4	A 2,0 B 2,0 A 2,6 B 2,6 A 4,0 B 4,0 A 10,0 B 2,0 B 2,0	to A 56 B 56 to A 30 B 30 to A 20 B 20 to 30 to 27 to 27

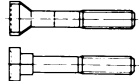
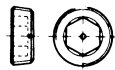
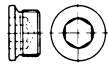
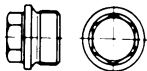
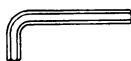
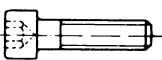






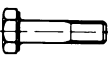

Serving All Your Metric Needs...

DIN 128/Single coil spring lock washer form A = curved form B = ware	spring steel spring steel, zinc plated spring steel, zinc plated and yellow passivated	A 2,6 B 2,6 A 3,0 A 4,0 B 4,0	to A 20 B 24 to 20 to A 20 B 20		DIN 444/Eye bolts	steel, grade 4.6	AM 5 x 30 BM 6 x 30	to 30 x 250 to 27 x 200
DIN 134/Plain washers	steel steel, zinc plated brass	L-Ø 1,8 L-Ø 5,3 L-Ø 2,2	to 21 to 13 to 13		DIN 462/Internal tab washers	steel stainless steel A 2	L-Ø 8 L-Ø 13	to 100 to 20
DIN 137/Spring washers form A = curved form B = ware	spring steel spring steel, zinc plated spring steel, cadmium plated stainless steel A 2	A 1,7 B 3,0 A 2,3 B 3,0 B 3,0 A 2,0	to A 16 B 42 to A 10 B 10 to 16 to 8		DIN 463/Tab washers with long tab and wing	steel	L-Ø 3,2	to 54
DIN 186/T-head bolts with square neck	steel, grade 4.6/Mu	M 8 x 20	to 24 x 100		DIN 464/Knurled thumb screws with collar	steel, grade 5.8	M 3 x 4	to 10 x 40
DIN 261/T-head bolts (hammer head bolts)	steel, grade 4.6/Mu	M 8 x 40	to M 20 x 100		DIN 466/Knurled thumb nuts with collar	steel, grade 5.8	M 2	to 12
DIN 315/Wing screws	Malleable cast iron Malleable cast iron, zinc plated brass stainless steel A 2 stainless steel A 4	M 3 M 3 M 3 M 4 M 4	to 22 to 12 to 20 to 12 to 16		DIN 467/Flat knurled thumb nuts	steel, grade 5.8	M 3	to 12
DIN 316/Wing screws	Malleable cast iron brass	M 4 x 8 M 5 x 20	to 12 x 50 to 10 x 20		DIN 470/Sealing discs	steel	L-Ø 8	to 56
DIN 417/Slotted se screws with full dog point	steel, grade 5.8	M 3 x 4	to 16 x 50		DIN 471/Retaining rings for shafts (external)	spring steel	A 3	to 200
DIN 427/Slotted headless screws with flat chamfered end	steel, grade 5.8	M 3 x 5	to 20 x 50		DIN 472/Retaining rings for bores (internal)	spring steel	I 8	to 240
DIN 432/External tab washers	steel	L-Ø 4,3	to 58		DIN 479/Square head bolts with half dog point	steel, grade 5.8	M 4 x 10	to 12 x 40
DIN 433/Washers for cheese head screws	steel steel, zinc plated brass stainless steel A 2	L-Ø 1,5 L-Ø 3,2 L-Ø 1,5 L-Ø 2,2	to 21 to 21 to 21 to 17		DIN 508/T-slot nuts	steel, grade 8.8	M 5	to 20
DIN 434/Square taper washers for U-sections (8%)	steel steel, zinc plated steel, hot dip galvanized	L-Ø 9 L-Ø 9 L-Ø 9	to 42 to 22 to 33		DIN 525/Weld studs (single end studs)	steel, grade 4.6/Mu	M 6	to 42
DIN 435/Square taper washers for I-sections (14%)	steel steel, zinc plated steel, hot dip galvanized	L-Ø 7 L-Ø 9 L-Ø 11	to 42 to 18 to 33		DIN 529/Stone bolts	steel, grade 3.6/Mu	CM 8 x 60	to 30 x 500
DIN 436/Square washers for wood constructions	steel steel, zinc plated steel, hot dip galvanized	L-Ø 11 L-Ø 11 L-Ø 18	to 45 to 22 to 33		DIN 546/Slotted round nuts	steel, grade 5.8 brass	M 1,7 M 4	to 20 to 10
DIN 439/Hexagon thin nuts form A = without chamber form B = with chamber	steel, grade 4.8 steel, grade 04 Au respect. 11 H and 14 H steel, grade 04 Au respect. 11 H and 14 H brass stainless steel A 2 stainless steel A 4	AM 3 BM 2 BM 8 x 1 BM 2 BM 3 BM 2	to 10 to 48 to 48 x 1,5 to 24 to 36 to 36		DIN 551/Slotted set screws with flat point	steel, grade 5.8 stainless steel A 2	M 2 x 3 M 3 x 10	to 16 x 55 to 8 x 6
DIN 440/Round washers for wood constructions to 18 form R = round hole form V = square hole	steel steel steel, zinc plated	R 5,5 R 6,6	to 39 V 6,6 to 18		DIN 553/Slotted set screws with cone point	steel, grade 5.8 stainless steel A 2 stainless steel A 4	M 2 x 3 M 4 x 8 M 6 x 10	to 16 x 50 to 10 x 20 to 8 x 20
DIN 443/Sealing caps	steel	L-Ø 8	to 63		DIN 555/Hexagon nuts, finish g	steel, grade 5 steel, grade 5, zinc plated steel, grade 5 hot dip galvanized steel, grade 5 plastic	M 5 M 5 M 10 Ww ¼" M 3	to 80 to 36 to 36 to ¾" to 12
					DIN 557/Square nuts, finish g	steel, grade 5	M 4	to 20
					DIN 558/Hexagon screws, finish g	steel, grade 4.6 steel, grade 4.6, zinc plated steel, grade 4.6, hot dip galvanized	M 5 x 8 M 5 x 10 M 12 x 20	to 24 x 120 to 20 x 100 to 20 x 60









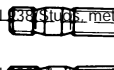
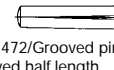
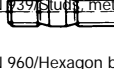
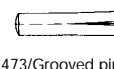
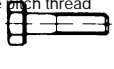
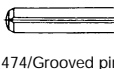
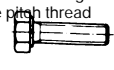
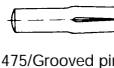
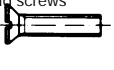

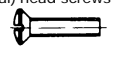

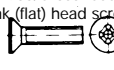
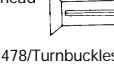
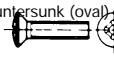
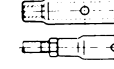


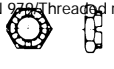
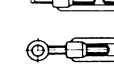



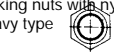



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DIN 562/Square nuts without chamfer (pressed nuts)	steel, grade 04 steel, grade 04, zinc plated	M 2,6 M 3	to 10 to 10	
				
DIN 571/Hexagon head wood screws	steel, grade 4.6 steel, grade 4.6, zinc plated steel, grade 4.6, hot dip galvanized stainless steel A 2	6 x 20 6 x 20 12 x 75	to 16 x 250 to 16 x 250 to 16 x 260	
				
DIN 580/Lifting eye bolts	steel C 15 N steel C 15 N stainless steel A 2	M 8 3/8" M 8	to 48 to 1" to 12	
				
DIN 582/Lifting eye nuts	steel C 15 N steel C 15 N, zinc plated	M 8 M 8	to 42 to 20	
				
DIN 601/Hexagon bolts with hexagon nut, finish g	steel, grade 4.6/Mu steel, grade 4.6/Mu zinc plated steel, grade 4.6/Mu, hot dip galvanized	M 5 x 10 M 5 x 10 M 12 x 20	to 36 x 300 to 24 x 130 to 24 x 120	
				
DIN 603/Mushroom head square neck bolts with hexagon nut, finish g	steel, grade 4.6/o.Mu steel, grade 4.6/o.Mu, zinc plated	M 5 x 16 M 5 x 20	to 16 x 380 to 16 x 80	
				
DIN 603/Mushroom head square neck bolts with hexagon nut, finish g	steel, grade 4.6/o.Mu steel, grade 4.6/o.Mu, zinc plated	M 6 x 20 M 5 x 12	to 16 x 160 to 8 x 35	
				
DIN 604/Flat countersunk square with hexagon nut, finish g	steel, grade 4.6/Mu	M 6 x 20	to 24 x 100	
				
DIN 605/Flat countersunk square neck bolts (long square) with hexagon nut, finish g	steel, grade 4.6/Mu	M 6 x 25	to 10 x 40	
				
DIN 607/Cup head nib bolts with hexagon nut, finish g	steel, grade 4.6/Mu	M 10 x 70	to 12 x 25	
				
DIN 608/Flat countersunk square neck bolts (short square) with hexagon nut, finish g	steel, grade 4.6/MU	M 10 x 25	to 12 x 60	
				
DIN 653/Flat knurled thumb screws	steel, grade 5.8	M 3 x 5	to 10 x 40	
				
DIN 660/Round head rivets 60	steel		2 x 3 to 8 x	
				
	copper aluminum brass	2 x 3 2 x 3 2 x 3	to 8 x 50 to 8 x 30 to 6 x 25	
DIN 661/Countersunk head rivets	steel copper aluminum brass	2 x 4 2 x 4 2 x 4 2 x 4	to 8 x 60 to 8 x 50 to 8 x 50 to 6 x 30	
				
DIN 662/Raised countersunk head rivets	steel steel	No. 3 No. 2	to 20 to 20	
				
DIN 705/Adjusting rings	steel, grade 5.8	A 4 B 10	to 90 to 60	
				

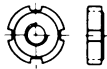
DIN 787/Y-slot screws	steel, grade	12.9	AM 8 x 30 BM 12 x 45	to 24 x 200 to 20 x 250
				
DIN 906/Hexagon socket pipe plugs, conical thread	steel, grade 5.8 steel, grade 5.8 brass		M 8 x 1 R 1/8" R 1/8"	to M 30 x 1,5 to 2" to 1/2"
				
DIN 908/Hexagon socket screw plugs, cyl. thread	steel, grade 5.8 steel, grade 5.8		M 8 x 1 R 1/8"	to 42 x 1,5 to 2"
				
DIN 910/Hexagon head screw plugs, cyl. thread	steel, grade 5.8 steel, grade 5.8 brass brass stainless steel A 4		M 10 x 1 R 1/8" M 12 x 1,5 R 1/8" R 1/8"	to 45 x 1,5 to 2" to 20 x 1,5 to 1" to 3/4"
				
DIN 911/ Hexagon wrench keys	steel, heat-treated steel, heat-treated		SW 0.7 mm 1/16"	to 27 mm to 7/8"
				
DIN 912/Hexagon socket head cap screws	steel, grade 8.8 steel, grade 8.8, zinc plated steel, grade 12.9 steel, grade 12.9 stainless steel A 2 stainless steel A 4		M 3 x 6 M 3 x 8 M 2 x 3 NC 4-40 x 1/4" NF 10 x 1/2" M 2 x 6 M 3 x 8	to 36 x 300 to 20 x 60 to 36 x 300 to 3/4" x 3 1/2" to 5/16" x 2 1/2" to 20 x 100 to 20 x 100
				
DIN 913/Hexagon socket set screws with flat point	steel, grade 45 H, heat treated stainless steel A 2 stainless steel A 4		M 2 x 4 M 2 x 5 M 4 x 6	to 24 x 100 to 16 x 25 to 16 x 30
				
DIN 914/Hexagon socket set screws with cone point	steel, grade 45 H, heat treated stainless steel A 2 stainless steel A 4		M 2 x 4 M 3 x 8 M 5 x 20	to 20 x 80 to 8 x 20 to 12 x 20
				
DIN 915/Hexagon socket set screws with full dog point	steel, grade 45 H, heat-treated stainless steel A 2 stainless steel A 4		M 3 x 4 M 3 x 5 M 6 x 10	to 24 x 100 to 12 x 35 to 10 x 35
				
DIN 916/Hexagon socket set screws with plain cup point and knurled cup point	steel, grade 45 H, heat treated, plain cup point steel, grade 45 H, heat treated, knurled cup point stainless steel A 2 plain cup point		M 2 x 4 M 3 x 4 M 2 x 4	to 20 x 60 to 16 x 40 to 12 x 30
				
DIN 917/Hexagon cap nuts	steel, grade 6 steel, grade 6, chrome plated brass brass, chrome plated stainless steel A 2 stainless steel A 4		M 3 M 4 M 4 M 3 M 4 M 4	to 30 to 16 to 16 to 16 to 16 to 12
				
DIN 929/Hexagon weld nuts	steel, grade 8		M 3	to 16
				
DIN 931/Hexagon bolts, finish m and mg	steel, grade 5.6 steel, grade 5.6, zinc plated steel, grade 8.8 steel, grade 8.8, zinc plated steel, grade 10.9 stainless steel A 2 stainless steel A 4		M 5 x 30 M 5 x 45 M 4 x 25 M 4 x 25 M 6 x 30 M 5 x 30 M 5 x 30	to 36 x 200 to 24 x 100 to 36 x 200 to 30 x 100 to 24 x 180 to 24 x 120 to 24 x 120
				
DIN 933/Hexagon screws, finish m and mg	steel, grade 5.6 steel, grade 5.6, zinc plated steel, grade 8.8 steel, grade 8.8, zinc plated steel, grade 8.8, zinc plated and yellow passivated steel, grade 10.9 brass brass, nickel plated stainless steel A 2 stainless steel		M 5 x 8 M 5 x 16 M 3 x 6 M 3 x 8 M 4 x 8 M 6 x 10 M 4 x 8 M 4 x 8 M 4 x 8 M 4 x 8	to 36 x 100 to 20 x 60 to 36 x 100 to 24 x 100 to 24 x 40 to 24 x 120 to 16 x 80 to 10 x 60 to 24 x 70 to 24 x 80
				

Serving All Your Metric Needs...

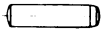
DIN 934/Hexagon nuts, finish m and mg	steel, grade 5, marked steel, grade 6 Au steel, grade 6 Au steel, grade 6 Au, left-hand thread steel, grade 8 steel, grade 8, zinc plated steel, grade 10 brass brass, nickel plated aluminum stainless steel A 2 stainless steel A 4	M 8 M 1,2 M 8 x 1 M 4 M 2 M 3 M 3 M 1,4 M 2 M 3 M 1,4 M 2,5	to 45 to 60 to 56 x 2 to 36 to 42 to 27 to 42 to 33 to 10 to 10 to 39 to 36	DIN 985/Prevailing torque type self locking nuts with nylon insert	steel, grade 8, zinc plated stainless steel A 2 stainless steel A 4	M 3 M 3 M 4	to 36 to 16 to 16
							
DIN 935/Hexagon castle nuts	steel, grade 6 Au steel, grade 6 Au	M 4 M 8 x 1	to 48 to 48 x 1,5	DIN 986/Prevailing torque type domed cap nuts with nylon insert	steel, grade 6, zinc plated	M 4	to 16
							
DIN 936/Hexagon thin nuts to 39	steel, grade 04/Au	M 8		DIN 1440/Washers for clevis pins, finished medium	steel	L-Ø3	to 100
							
DIN 937/Hexagon thin castle nuts	steel, grade 17 H steel, grade 17 H steel, grade 22 H steel, grade 22 H	M 6 M 8 x 1 M 12 M 20 x 1,5	to 33 to 42 x 1,5 to 22 to 30 x 1,5	DIN 1441/Washers for clevis pins, finish coarse	steel	L-Ø5,5	to 62
							
DIN 938/Sluds, metal end 1d	steel, grade 5.8 steel, grade 8.8	M 6 x 16 M 8 x 25	to 24 x 120 to 20 x 80	DIN 1471/Grooved pins, taper grooved full length	steel	2,5 x 20	to 8 x 100
							
DIN 939/Sluds, metal end ~ 1,25 d	steel, grade 5.8 steel, grade 8.8	M 5 x 20 M 6 x 22	to 30 x 100 to 20 x 85	DIN 1472/Grooved pins, taper grooved half length	steel	2 x 8	to 10 x 120
							
DIN 960/Hexagon bolts, metric fine pitch thread	steel, grade 8.8 steel, grade 10.9	M 10 x 1 x 40 M 10 x 1 x 45	to 24 x 2 x 70 to 20 x 1,5 x 100	DIN 1473/Grooved pins, parallel grooved full length	steel	1,5 x 10	to 8 x 60
							
DIN 961/Hexagon screws, metric fine pitch thread	steel, grade 8.8 steel, grade 10.9	M 8 x 1 x 30 M 8 x 1 x 25	to 24 x 2 x 120 to 20 x 1,5 x 100	DIN 1474/Grooved pins, reverse grooved half length	steel	1,5 x 10	to 10 x 80
							
DIN 963/Slotted countersunk (flat) head screws	steel, grade 4.8 steel, grade 4.8, zinc plated steel, grade 4.8, nickel plated brass brass, nickel plated stainless steel A 2 stainless steel A 4	AM 2 x 4 AM 2 x 8 AM 2,5 x 6 AM 2 x 12 AM 3 x 6 AM 2 x 5 AM 2 x 4	to 24 x 120 to 16 x 40 to 5 x 12 to 12 x 50 to 8 x 30 to 10 x 40 to 10 x 40	DIN 1475/Grooved pins, center grooved third length	steel	1,5 x 16	to 8 x 36
							
DIN 964/Slotted raised countersunk (oval) head screws	steel, grade 4.8 steel, grade 4.8, zinc plated steel, grade 4.8, nickel plated brass brass, nickel plated stainless steel A 2 stainless steel A 4	AM 2 x 4 AM 2 x 4 AM 3 x 8 AM 3 x 5 AM 3 x 5 AM 3 x 6 AM 3 x 6	to 10 x 50 to 8 x 30 to 5 x 20 to 10 x 30 to 5 x 50 to 8 x 60 to 10 x 50	DIN 1476/Grooved nails round head	steel	1,4 x 6	to 5 x 25
							
DIN 965/Cross recessed countersunk (flat) head screws	steel, grade 4.8 steel, grade 4.8, zinc plated steel, grade 4.8, nickel plated	AM 3 x 5 AM 3 x 5 AM 3 x 5	to 8 x 25 to 6 x 30 to 5 x 12	DIN 1477/Grooved nails counter-sunk head	steel	1,4 x 3	to 5 x 12
							
DIN 966/Cross recessed raised countersunk (oval) head screws	steel, grade 4.8 steel, grade 4.8, zinc plated steel, grade 4.8, nickel plated	AM 3 x 5 AM 3 x 6 AM 3 x 6	to 8 x 35 to 6 x 25 to 5 x 16	DIN 1478/Turnbuckles made out of pipes	steel	AM 10	to 30
							
DIN 975/Threaded rods	steel 37 K steel 37 K, zinc plated steel, grade 8.8 brass stainless steel A 2 stainless steel A 4	M 2 M 3 M 5 M 2 M 3 M 2	to 48 to 30 to 30 to 24 to 30 to 27	DIN 1479/Turnbuckles made out of hexagon bars	steel, grade 5.8	M 10	to 24
							
DIN 976/Threaded rods	steel, grade 04 Au steel, grade 04 Au, from M 42 x 1,5-14 H	M 6 M 10 x 1	to 30 to 42 x 1,5	DIN 1480/Turnbuckles with hook bolts and eye bolts or studs for welding	steel, grade 3.6	M 6	to 42
							
DIN 980/Prevailing torque type all metal self locking nuts	steel, grade 8, zinc plated	VM 4	to 24		spring steel	1 x 4	to 20 x 80
							
DIN 982/Prevailing torque type self locking nuts with nylon insert, heavy type	steel, grade 8, zinc plated	M 5	to 24	DIN 1587/Hexagon domed cap nuts (acorn nuts)	steel, grade 6 steel, grade 6, zinc plated steel, grade 6, nickel plated steel, grade 6, chrome plated brass brass, chrome plated stainless steel A 2 stainless steel A 4	M 4 M 4 M 6 M 4 M 3 M 3 M 4 M 4	to 30 to 24 to 12 to 20 to 24 to 16 to 24 to 16
							

BRITISH METRICS

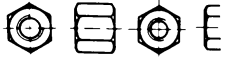
DIN 1804/Slotted round nuts for hook-spanner steel, grade 6 M 10 x 1 to 80 x 2



DIN 6325 Parallel pins, hardened; tolerance m6 tool steel 1 x 5 to 20 x 120



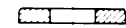
DIN 6330/Hexagon nuts 1,5 d high steel, grade 8.8 BM 6 to 30



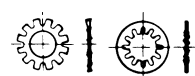
DIN 6331/Hexagon nuts, 1,5 d high with collar steel, grade 8.8 M 8 to 36



DIN 6340/Plain washers, hardened steel C 35, hardened L-Ø6,4 to 31



DIN 6797/Lock washers form A = external teeth spring steel A 1,8 to 31
form I = internal teeth I 2,2 to 31
form V = countersunk external teeth V 3,2 to 16,5
A 2,2 to 21



spring steel, zinc plated I 2,8 to 21

spring steel, cadmium plated A3,2 to 16,5
I 3,7 to 16,5

spring steel, nickel plated A 3,7 to 8,2
I 3,7 to 10,5

bronze A 3,2 to 16,5
I 2,8 to 16,5

stainless steel A 2 A 3,2 to 12,5
I 3,2 to 8,4

DIN 6798/Serrated lock washers form A = external teeth spring steel A 1,8 to 31
form I = internal teeth I 2,2 to 31
form V = countersunk teeth V 3,2 to 16,5
A 3,2 to 25



spring steel, zinc plated I 3,2 to 25

spring steel, cadmium plated A 1,8 to 28
I 3,2 to 12,5

bronze A 3,2 to 16,5
I 3,2 to 16,5

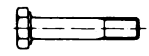
DIN 6799/Retaining rings for shafts spring steel 0,8 to 19



DIN 6912/Hexagon socket head cap screws with centre steel, grade 8.8 M 4 x 8 to 20 x 80



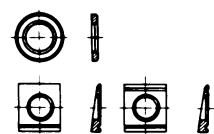
DIN 6914/Hexagon bolts with large widths across flats for high tensile structural bolting steel, grade 10.9 M 12 x 35 to 30 x 160
steel, grade 10, hot dip galvanized M 12 x 30 to 30 x 160



DIN 6915/Hexagon nuts with large widths across flats for high tensile structural bolting steel, grade 10 M 12 to 30
steel, grade 10, hot dip galvanized M 12 to 30



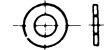
DIN 6916-18/Washers for high tensile structural bolting steel C 45 13 to 28
steel C 45, hot dip galvanized 13 to 28



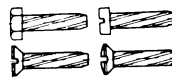
DIN 7346/Spring dowel sleeves, light pattern spring steel 2 x 6 to 10 x 50



DIN 7349/Washers for bolts with heavy type spring pins steel L-Ø 3,2 to 31



DIN 7513/Thread cutting screws with hexagon and slotted head steel C 15, form A M 4 x 10 to 8 x 35
steel C 15, form B M 3 x 5 to 8 x 30
steel C 15, form F and G M 3 x 6 to 8 x 40



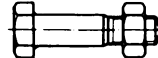
DIN 7604/Hexagon head screws steel, grade 5.8 AM 10 x 1 to 30 x 1,5
plugs, cyl, thread



DIN 7967/Self locking counter nuts spring steel M 4 to 52
spring steel, zinc plated M 5 to 42



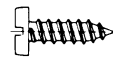
DIN 7968/Hexagon fit bolts for steel structures steel, grade 5.6/Mu M 12 x 35 to 30 x 110



DIN 7969/Countersunk head screws with forged slot for steel structures steel, grade 4.6/Mu M 10 x 30 to 24 x 120



DIN 7971/Slotted pan head tapping screws steel, bright B 2,2 x 6,5 to 6,3 x 50
steel, zinc plated B 2,2 x 6,5 to B 6,3 x 45
steel, nickel plated B 2,2 x 6,5 to 6,3 x 50
stainless steel A 2 B 2,2 x 6,5 to 6,3 x 38



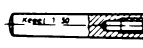
DIN 7972/Slotted countersunk (flat) head tapping screws steel, bright B 2,2 x 6,5 to 6,3 x 50
steel, zinc plated B 2,9 x 19 to 6,3 x 45
steel, nickel plated B 2,2 x 6,5 to 6,3 x 22
stainless steel A 2 B 2,9 x 13 to 4,8 x 50



DIN 7973/Slotted raised counter-sunk (oval) head tapping screws steel, bright B 2,2 x 13 to 6,3 x 50
steel, zinc plated B 2,2 x 13 to 6,3 x 50
steel, nickel plated B 2,2 x 13 to 4,8 x 50
stainless steel A 2 B 2,9 x 13 to 4,8 x 50



DIN 7978/Taper pins with internal thread form A steel, grade 5.8 A 6 x 16 to 20 x 110



DIN 7979/Parallel pins with internal thread steel, hardened D 6 x 16 to 20 x 90



DIN 7980/Single coil square section spring washers for screws with cylindrical heads spring steel 3 to 42
spring steel, zinc plated 3 to 24



spring steel, zinc plated and yellow passivated stainless steel A 2 4 to 16
stainless steel A 4 4 to 27
3 to 20

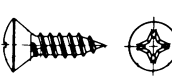
DIN 7981/ Cross recessed pan head tapping screws steel, bright B 2,9 x 13 to 6,3 x 38
steel, zinc plated B 2,9 x 6,5 to 4,8 x 32
steel nickel plated B 2,9 x 19 to 6,3 x 32



DIN 7982/Cross recessed counter-sunk (flat) head tapping screws steel, bright B 2,9 x 9,5 to 6,3 x 50
steel, zinc plated B 2,9 x 9,5 to 6,3 x 50
steel, nickel plated B 2,9 x 13 to 5,5 x 15



DIN 7983/Cross recessed raised counter-sunk (oval) head tapping screws steel, bright B 2,9 x 9,5 to 6,3 x 50
steel, zinc plated B 2,9 x 9,5 to 6,3 x 50
steel, nickel plated B 2,2 x 9,5 to 4,8 x 19



Serving All Your Metric Needs...

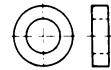
DIN 7984/Hexagon socket head cap screws with reduced height of head steel, grade 8.8 M 3 x 5 to 20 x 100



DIN 7985/Cross recessed raised cheese head screws steel, grade 4.8 AM 3 x 5 to 8 x 45
steel, grade 4.8, zinc plated AM 3 x 5 to 8 x 12
steel, grade 4.8, nickel plated AM 2,6 x 6 to 6 x 22



DIN 7989/Washers for steel structures steel L-Ø9 to 45
steel, zinc plated L-Ø11 to 26
steel, hot dip galvanized L-Ø11 to 39



DIN 7990/Hexagon bolts with nut for steel structures steel, grade 4.6/Mu M 12 x 30 to 30 x 160
steel, grade 4.6/Mu, zinc plated M 12 x 30 to 24 x 90



steel, grade 4.6/Mu, hot dip galvanized M 12 x 30 to 27 x 120
steel, grade 5.6/Mu, hot dip galvanized M 12 x 30 to 27 x 95

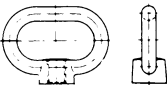
DIN 7991/Hexagon socket counter-sunk (flat) head cap screws steel, grade 8.8 M 3 x 6 to 20 x 120
steel, grade 10.9 M 3 x 6 to 20 x 100



DIN 9021/Washers with outside diameter ~ 3 x bolt diameter steel L-Ø2,5 to 21
steel, zinc plated L-Ø3,2 to 17
brass L-Ø3,2 to 17
stainless steel A 2 L-Ø3,2 to 17
stainless steel A 4 L-Ø3,2 to 13



DIN 28129/Stirrup nuts steel CK 35 M 16 to 30

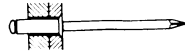


SPECIAL PARTS

Blind rivets flat head with zinc plated nail aluminum-alloy Ø3,0 to 6,0



Blind rivets flat head with sunk head with zinc plated nail aluminum-alloy Ø3,0 to 4,0



Teks-Self drilling screws, head similar to DIN 7982 steel, zinc plated 2,9 x 9,5 to 4,8 x 50



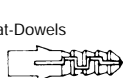
Tox-Dowels brass M 4 to 16



Unbrako-Pressure plugs, Dryseal steel, heat-treated to RC 35 - 40 NPTF 1/8" to 1 1/4"



Unbrao-liquid plastic for bolts, nuts, shaft



Upat-Dowels plastic U 4 to 14



Upat-Express-anchors steel, zinc plated and yellow passivated M 6/05 to 12/105



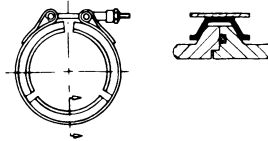
Upat-PS-anchors steel, zinc plated B 12/10 to 14/10
S 12/10 to 14/10



Weco-Dowels brass M 6 x 30 to 8 x 40



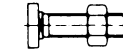
V-Clamps for flange-connections stainless steel, AISI 321 to customers design



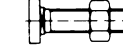
Drywall screws for plaster plate Type 212/221 with Hi-Lo-thread steel, phosphated 3,5 x 25 to 5,5 x 70



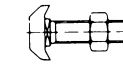
T-head bolts for Halfen channels 28/15 steel, grade 4.6/Mu, zinc plated M 6 x 20 to 10 x 60



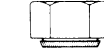
T-head bolts for Halfen channels 38/17 steel, grade 4.6/Mu, zinc plated M 10 x 20 to 16 x 90



T-head bolts for Halfen channels 40/22 steel, grade 4.6/Mu, zinc plated M 10x 30 to 16 x 100 23546 13453



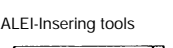
KALEI-Inserting nuts steel 9S Mn Pb 28 K, case hardened, zinc plated and passivated M 3 to 20



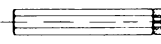
KALEI-Inserting blind nuts steel 9S Mn Pb 28 K, case hardened, zinc plated and yellow passivated M 4 to 10



KALEI-Replacement plugs plastic M 3 to 20



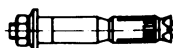
KALEI-Inserting tools steel, 9S Mn Pb 28 K, black oxydized M 3 to 20



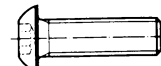
Washers steel 20 x 5,3 x 1,0 to 80 x 14 x 5,0



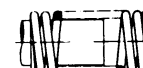
Liebig-Heavy duty dowels steel, zinc plated and yellow passivated BN 10/20 to 30/140
steel, zinc plated and yellow passivated SN 10/20 to 30/90



Button head socket screws according to Unbrako-Standard steel, grade 10.9 M 3 x 5 to 12 x 25



Cylindrical compression springs spring steel 0,5 x 2,8 x 4 to 10 x 123 x 580



Socket head shoulder screws according to Unbrako-Standard steel, grade 12,9 M 5 x 10 to 20 x 90



Retaining rings spring steel 1 to 15
spring steel, nickel plated 2 to 10



Washers steel L-Ø5 to 50



Schnorr-Lock washers spring steel S3 to 24



BRITISH METRICS

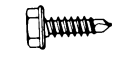
Chip-board screws
countersunk head



steel, zinc plated and
plastic coated

3 x 12 to 6 x 140

Teks-Self drilling screws,
head similar to DIN 7976



steel, zinc plated

3,5 x 9,5 to 6,3 x 38

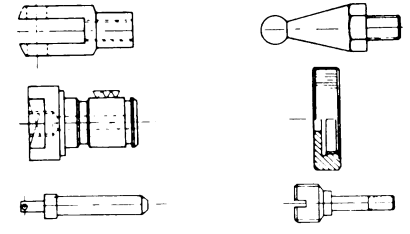
Teks-Self drilling screws,
head similar to DIN 7981



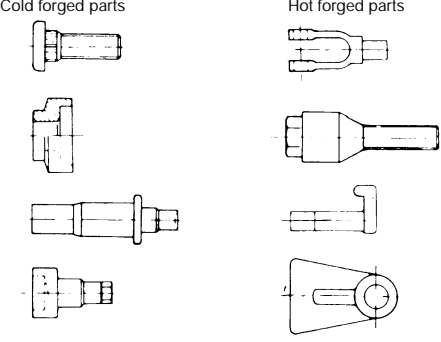
steel, zinc plated

2,9 x 9,5 to 4,8 x 50

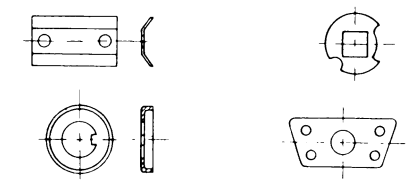
Machined parts made from all materials and in all dimensions



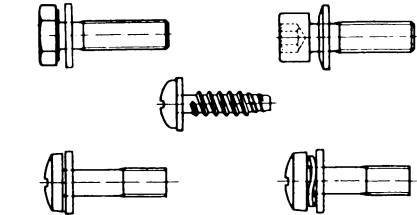
Hot or cold forged parts also with refinishing machined operations



Pressing and bending parts made from all suitable materials



Preassembled screws according DIN 6900 in all designs

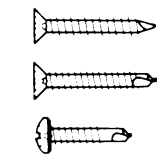


Screws for plastic window
constructions
Types FS, FS 4, FS 12, FS 16,
FS 24, FS 28

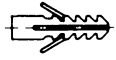
steel, zinc plated

3,9 x 13 to 3,9 x 55

steel, zinc plated and
yellow passivated



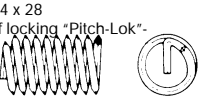
Fischer-Dowel plastic S 4 to 16



Socket head cap screws, flat head
according to Unbrako-Standard



Wire thread inserts
Perma-Thread
-free running-
to 24 x 28



stainless steel 18/8 M 2,5 x 2,5

-Self locking "Pitch-Lok"-
stainless steel 18/8 M 2,5 x 3,75 to 24 x 2 x 48

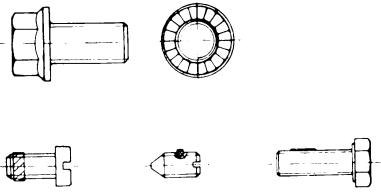
Wire thread inserts tools
-Taps, Installation tools,
Removal tools-

Wire thread inserts repair kit
with tools

Wire thread inserts
spark plug repair kit
with tools

Fasteners locking devices for standard and special parts

Measures of locking can be achieved by:
Locking teeth Tufflok-precoating
Mikrocapsular-precoating Keilstop-Locking device
Eslok-precoating Nylok-Locking device



**Special parts according to other standards for example
LN-DIN, ASA, ASTM, BS Hexagon screws with UNC-, UNF-, BSW- and BSF-thread**

- Socket head cap screws with UNC-, UNF-, BSW- and BSF- thread
- Socket countersunk head screws with UNC- and UNF- thread
- Socket set screws with UNC- and UNF- thread
- Stud-bolts with UN- and UNC- thread
- Hexagon nuts with UNC-, UNF-, BSW- and BSF- thread

Surface treatments for standard and special parts

- Following surface treatments can be executed, suitable base material provided:
- Galvanized zinc plating and passivating
 - Mechanical zinc plating
 - Hot dip galvanizing
 - Sherardising
 - Galvanic cadmium plating and passivating
 - Galvanic nickel plating with different brightness
 - Galvanic chromium plating if required with polishing
 - Phosphating
 - Burnishing
 - Chemical nickel plating
 - Dacromet plating
 - Anodizing of aluminum
 - Sliding lubricant treatment with molybdenum sulfide or similar