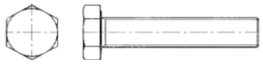
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Product Range: Screws & Bolts

HEXAGON HEAD BOLTS (304 A2-70/316 A4-70)

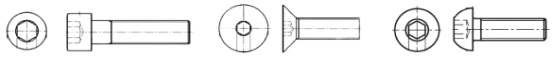


DIN933-1987(FT)			DIN931-1987(PT)		ASME B18.2.1-2012		JIS B1180-1994 TYPE 1	
M3-0.5	10 - 40 mm		--	--	1/4"-20	3/8" - 6"	M3-0.5	10 - 40 mm
M4-0.7	8 - 40 mm		--	--	5/16"-18	1/2" - 6"	M4-0.7	8 - 40 mm
M5-0.8	8 - 100 mm		--	--	3/8"-16	1/2" - 12"	M5-0.8	8 - 65 mm
M6-1.0	8 - 200 mm		M6-1.0	30 - 150 mm	7/16"-14	3/4" - 6"	M6-1.0	10 - 150 mm
M8-1.25	10 - 250 mm		M8-1.25	30 - 300 mm	1/2"-13	3/4" - 12"	M8-1.25	12 - 200 mm
M10-1.5	12 - 300 mm		M10-1.5	35 - 300 mm	W1/2"-12	1" - 4"(FT)	M10-1.5	16 - 200 mm
M12-1.75	16 - 300 mm		M12-1.75	40 - 300 mm	5/8"-11	1" - 12"	M12-1.75	20 - 200 mm
M14-2.0	20 - 200 mm	*D2-80 size*	M14-2.0	45 - 300 mm	3/4"-10	1 1/4" - 8"	M14-2.0	25 - 200 mm
M16-2.0	20 - 200 mm		M16-2.0	45 - 300 mm	7/8"-9	2" - 10"	M16-2.0	25 - 200 mm
M18-2.5	30 - 200 mm		--	--	1"-8	2" - 10"	M18-2.5	30 - 200 mm
M20-2.5	30 - 200 mm		M20-2.5	60 - 200 mm	1-1/8"	2" - 12"	M20-2.5	30 - 200 mm
M22-2.5	50 - 250 mm		M22-2.5	70 - 250 mm	1-1/4"	2" - 12"	M22-2.5	50 - 200 mm
M24-3.0	50 - 250 mm		M24-3.0	80 - 250 mm	--	--	M24-3.0	50 - 200 mm
M27-3.0	**60 - 300 mm**		**M27-3.0**	**70 - 200 mm**	--	--	--	--
M30-3.5	**60 - 300 mm**		**M30-3.5**	**80 - 200 mm**	--	--	--	--
M33-3.5	**70 - 250 mm**		--	--	--	--	--	--
M36-4.0	**70 - 250 mm**		--	--	--	--	--	--

ISO 4017 : M10 M12 *A4-80 is also available for M5-M20 FT = Full Thread Only

ISO 4014 : M10 M12 *M27-M36 cold forming *D2-80 Duplex Stainless Steel only for DIN 933 M6-M24

SOCKET HEAD CAP SCREWS (304 A2-70/316 A4-70)



DIN912-1983 FT			DIN912-1983 PT		ASME B18.3-2012(Socket head)			JIS 1176-2000 TYPE 1	
M3- 0.5	6 - 40 mm		--	--	1/4 - 20	1/2-6"		M3- 0.5	6 - 40 mm
M4- 0.7	6 - 80 mm		M4- 0.7	30 - 50 mm	5/16 - 18	1/2-6"		M4- 0.7	6 - 50 mm
M5- 0.8	8 - 100 mm		M5- 0.8	30 - 100 mm	3/8 - 16	3/4-6"		M5- 0.8	8 - 65 mm
M6- 1.0	8 - 150 mm		M6- 1.0	35 - 150 mm	7/16 - 14	7/8-4"		M6- 1.0	8 - 150 mm
M8- 1.25	10 - 250 mm		M8- 1.25	40 - 150 mm	1/2 - 13	7/8-4"		M8-1.25	12 - 150 mm
M10-1.5	12 - 300 mm		M10-1.5	45 - 150 mm	5/8 - 11	1"-6"	NEW	M10-1.5	16 - 150 mm
M12-1.75	18 - 300 mm	*D2-80 size*	M12-1.75	55 - 150 mm	3/4 - 10	1 3/4"-6"		M12-1.75	20 - 150 mm
M14-2.0	25 - 150 mm		M14-2.0	60 - 150 mm				M14-2.0	25 - 150 mm
M16-2.0	25 - 200 mm		M16-2.0	60 - 150 mm				M16-2.0	25 - 150 mm
M18-2.5	40 - 200 mm		M20-2.5	80 - 200 mm				M20-2.5	40 - 150 mm
M20-2.5	40 - 200 mm								
M24-3.0	**80 - 200 mm**								
M30-3.5	**70 - 200 mm**								

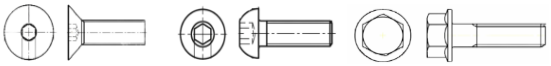
*A4-80 is also available for M5-M20 *D2-80 Duplex Stainless Steel only for DIN 912 FT M6-M20

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Product Range: Screws & Bolts

SOCKET HEAD CAP SCREWS (304 A2-70/316 A4-70)



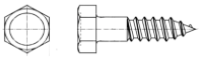
ISO 7380-1 FT-2011 (Pan head)		DIN 7991 FT-1986 (Flat head)		JIS B 1194 FT (Flat head)	
M3, M4	6 - 40 mm	M3, M4	8 - 40 mm	M3- 0.5	6 - 40 mm
M5-0.8	6 - 50 mm	M5-0.8	10 - 100 mm	M4- 0.7	6 - 40 mm
M6-1.0	10 - 100 mm	M6-1.0	12 - 100 mm	M5-0.8	6 - 50 mm
M8-1.25	10 - 150 mm	M8-1.25	14 - 100 mm	M6-1.0	10 - 100 mm
M10-1.5	12 - 150 mm	M10-1.5	20 - 100 mm	M8-1.25	10 - 150 mm
M12-1.75	20 - 100 mm	M12-1.75	25 - 100 mm	M10-1.5	12 - 150 mm
				M12-1.75	20 - 100 mm

NEW

Note: ISO 7380-1 is A2-070 / A4-070

DIN 7984 FT (Low Socket head)			DIN 6921 FT (Flange head)		
M5- 0.8	8 - 30 mm		M5- 0.8	10 - 50 mm	
M6- 1.0	10 - 150 mm	NEW	M6- 1.0	16 - 60 mm	NEW
M8-1.25	12 - 150 mm		M8- 1.25	16 - 60 mm	
M10-1.5	16 - 150 mm		M10-1.5	20 - 60 mm	
M12-1.75	20 - 150 mm		M12-1.75	20- 60 mm	

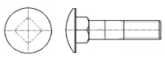
LAG SCREWS (304 A2)



DIN571-1986		ASME B18.2.1-2012	
6	20 - 150 mm	1/4	1" - 4"
8	25 - 200 mm	5/16	1" - 8"
10	30 - 200 mm	3/8	1" - 8"
12	35 - 200 mm	1/2	1-1/2" - 8"

Longer Sizes Available for ASME Lag Screws

CARRIAGE BOLTS (304 A2-70)



DIN603-2010(FT)		ASME B18.5-2012(FT)	
M6	12 - 150 mm	1/4 - 20	1/2 - 6"
M8	12 - 150 mm	5/16 - 18	5/8 - 6"
M10	20 - 150 mm	3/8 - 16	3/4 - 6"
M12	30 - 150 mm	1/2 - 13	1" - 6"

Note: 316 available with customized head mark



★Similar to Carbon Steel Class 8.8
*Tensile strength is above 800 N/mm²
*Yield strength is above 600 N/mm²

★Corrosion resistance performance is better than that of 304 products

★The anti-lock performance of D2 is better than that of 304 products

More introduction: D2-80

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Product Range: Screws & Bolts

PHILLIPS DRIVER TAPPING SCREW (304 A2)



DIN 7981 PAN HEAD ≈ *ISO 7049*		DIN 7982 FLAT HEAD ≈ *ISO 7050*		ASME B18.6.3 PAN/FLAT HEAD	
ST2.9	4.5 - 32mm	ST2.9	6.5 - 32mm	#4	1/4"-1 1/4"
ST3.5	6.5 - 50mm	ST3.5	9.5 - 50mm	#6	3/8"-1 1/2"
ST3.9	6.5 - 50mm	ST3.9	9.5 - 50mm	#7	3/8"-2"
ST4.2	9.5 - 50mm	ST4.2	9.5 - 50mm	#8	3/8"-2"
ST4.8	9.5 - 50mm	ST4.8	9.5 - 50mm	#10	3/8"-2"
ST5.5	13 - 50mm	ST5.5	13 - 50mm	#12	3/8"-2"
ST6.3	13 - 100mm	ST6.3	13 -100mm	#14(1/4)	1/2"-4"

* No head marking for above tapping screw

PHILLIPS DRIVER MACHINE SCREW (304 A2)



DIN 7985 PAN HEAD ≈ *ISO 7045*		DIN 965 FLAT HEAD ≈ *ISO 7046*		ASME B18.6.3 PAN/FLAT HEAD	
M3-0.5	6mm - 45mm	M3-0.5	8mm - 50mm	#6-40	5/16"-1 3/4"
M4-0.7	8mm - 45mm	M4-0.7	8mm - 50mm	#8-32	5/16"-1 3/4"
M5-0.8	8mm - 50mm	M5-0.8	10mm - 50mm	#10-24	5/16"-2"
M6-1.0	10mm - 100mm	M6-1.0	12mm - 100mm	1/4"-20	1/2"-4"
M8-1.25	12mm - 100mm	M8-1.25	16mm - 100mm	5/16"-18	1/2"-4"

* No head marking for above machine screw

SEMS SCREW: Hex Head bolt / Socket head screw / Flat head screw/ Pan head screw with flat washer / spring washer / tooth washer

Diameter	Length	Flat Washer		Spring Washer	
		Diameter ID	Thickness	Diameter ID	Thickness
M3- 0.5	12 - 35 mm	6.95 ± 0.1 mm	0.5 ± 0.05 mm	5.25 ± 0.1 mm	0.85 ± 0.05 mm
M4- 0.7	12 - 50 mm	8.85 ± 0.1 mm	0.8 ± 0.10 mm	6.74 ± 0.1 mm	1.15 ± 0.05 mm
M5- 0.8	10 - 50 mm	9.70 ± 0.8 mm	0.9 ± 0.50 mm	8.50 ± 0.8 mm	1.40 ± 0.50 mm
M6- 1.0	10 - 50 mm	11.8 ± 1.0 mm	1.5 ± 0.60 mm	10.8 ± 1.0 mm	1.60 ± 0.60 mm
M8- 1.25	12 - 60 mm	15.8 ± 1.5 mm	1.9 ± 0.60 mm	13.5 ± 1.5 mm	2.10 ± 0.60 mm
M10- 1.5	16 - 80 mm	19.6 ± 2.0 mm	2.4 ± 0.80 mm	16.5 ± 1.5 mm	2.60 ± 0.80 mm
M12- 1.75	20 - 100 mm	23.6 ± 2.0 mm	2.9 ± 1.00 mm	18.9 ± 2.0 mm	3.00 ± 1.00 mm

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Product Range: Nuts, Threaded Rods & U Bolt

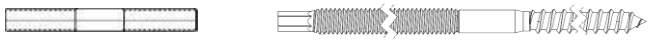
NUTS (304 A2-70/ 316 A4-80)



DIN934 -1987 Hexagon Nuts	DIN439 -1987 Hex Jam Nuts	ASME B18.2.2-2010 Hex Fin. Nuts	ASME B18.2.2-2010 Hex Jam Nuts
M2.5 - M36 *D2-80 for M6-M16*	M6 - M24	1/4" - 1"	1/4" - 1"
Left-hand & fine thread available		UNF is available	
ASME B18.2.2-2010 Heavy Hex Nuts	**ASTM A194 Gr.8 & 8M Heavy Hex Nuts**	**ASME B18.6.3-2010 Hex Machine Nuts**	**JIS B1181 -1993 Hex Nuts Type 1**
1/4",1-1/4-8 UN"	1/4" - 1-1/4-8 UN"	#8 - #10	M3 - M24
DIN985 -1987 Nylon Insert Nuts	**DIN982 -1987 Nylon Insert Nuts**	**ASME B18.16.6 Nylon Insert Nuts**	**UNI 5587 Heavy Hex Nut**
M4 - M20	M4 - M20	1/4" - 3/4"	M6 - M24 NEW
DIN6923 -1983 Flange Nuts	**IFI145 -2002 Flange Nuts**	**DIN928 Square Weld Nuts**	**DIN929 Hexagon Weld Nuts**
M5 - M16	1/4" - 1/2"	M6 - M12	M6 - M12
DIN1587 -1987 Hex Domed Cap Nuts	**Inch Hex Domed Cap Nuts**	**ISO 4032 Hexagon Nuts**	
M5 - M20	#10 - 3/4"	M2.5 - M36	

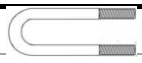
*D2-80 Duplex Stainless Steel available for Hex nuts M6-M16

THREADED RODS / STUDS (304 A2/ 316 A4)



DIN975-1995 FT (A2-70 / A4-70)		DIN976-1995 FT (A2-70 / A4-70)	
M5 - M33	1m - 3m NEW	M5 - M33	1m - 3m NEW
IFI136-2002 All Threaded Rods		**ASTM A193 B8& B8M FT Class 1**	
#10 - 1-1/4"	3ft - 12ft	#10 - 1"	3ft - 12ft
Dowel Screw Hexagon End		**Dowel Screw Middle Hex**	
M10 -M12	200-250 mm NEW	M10 -M12	200-250 mm NEW

U-BOLTS (304 A2)			
M6	8A - 50A	M16	100A - 500A
M8	10A - 100A	M20	150A - 500A
M10	10A - 250A	M24	300A - 500A
M12	25A - 300A	*Inch size also available	
		*Kit Assembling also available	



Studs & Bend Bolts

★Full Thread Studs
★Single End Threaded
★Double End Threaded
★Chemical Anchor Bolt
★As per drawing

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Product Range: Washers & Socket Set Screws

FLAT WASHERS (304 A2/ 316 A4)



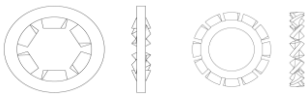
※DIN125 A		※DIN9021 A		※ASME B18.22.1-1983 (SAE / USS)	
Sizes:	M1.6 - M33	Sizes:	M3 - M20	Sizes:	#10 - 1"

SPRING WASHERS (304 A2/ 316 A4)



※DIN127 B		※ANSI B18.21.1-1983	
Sizes:	M3 - M30	Sizes:	1/4" - 1"

Tooth WASHERS (304 A2)



※DIN6797 / 6798 J Toothed lock washers		※DIN6797/ 6798 A Toothed lock washers	
Internal Form		External Form	
Sizes:	M3 - M20 NEW	Sizes:	M3 - M20 NEW

SOCKET SET SCREWS (304 A2)



※DIN913-1980		※DIN916-1980	
Hex Socket Set Screws with Flat Point		Hex Socket Set Screws with Cup Point	
Sizes:	M3 - M10	Sizes:	M3 - M10

※ Indicates products from Tong Ming approved manufacturers.

Note: The color mark is the extend range.

Tong Ming guarantees the quality of our approved manufacturers. We select only qualified vendors and conduct periodic inspections and reviews of their quality system. All sourced products are delivered to Tong Ming where they are subjected to the same quality control procedures alongside Tong Ming's own products before they are packaged and shipped to our customers.

*We also have 2205 Duplex Stainless Steel products. Contact us for more details.

DIN933-1987(FT)	
M6-1.0	10 - 150 mm
M8-1.25	10 - 200 mm
M10-1.5	12 - 300 mm
M12-1.75	16 - 300 mm

DIN934 -1987 Hexagon Nuts
M6 - M24

Check out the freshest product lineup!

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