

# METRIC FASTENERS

## REGULAR PITCH METRIC CAP SCREWS

DIN 931 & DIN 933  
ZINC PLATED

8.8 Heat Treated Alloy Steel  
Tensile Strength: 113,000 PSI Min. to  
142,000 Max.



PROD. NO.	DIAMETER & PITCH	LENGTH	BOX QTY.
<i>Hex Head Size 7mm</i>			
860410	4MM-7	10MM	50
860416	4MM-7	16MM	50
860420	4MM-7	20MM	50
860425	4MM-7	25MM	50
860430	4MM-7	30MM	50
<i>Hex Head Size 8mm</i>			
860510	5MM-8	10MM	50
860516	5MM-8	16MM	50
860520	5MM-8	20MM	50
860525	5MM-8	25MM	50
860530	5MM-8	30MM	50
860535	5MM-8	35MM	50
<i>Hex Head Size 10mm</i>			
860610	6MM-1.00	10MM	50
860616	6MM-1.00	16MM	50
860620	6MM-1.00	20MM	50
860625	6MM-1.00	25MM	50
860630	6MM-1.00	30MM	50
860635	6MM-1.00	35MM	50
860640	6MM-1.00	40MM	50
860645	6MM-1.00	45MM	50
860650	6MM-1.00	50MM	50
860660	6MM-1.00	60MM	50
860665	6MM-1.00	65MM	50
<i>Hex Head Size 11mm</i>			
860716	7MM-1.00	16MM	50
860720	7MM-1.00	20MM	50
860725	7MM-1.00	25MM	50
860730	7MM-1.00	30MM	50
860735	7MM-1.00	35MM	50
860740	7MM-1.00	40MM	50
860745	7MM-1.00	45MM	50
<i>Hex Head Size 13mm</i>			
860816	8MM-1.25	16MM	50
860820	8MM-1.25	20MM	50
860825	8MM-1.25	25MM	50
860830	8MM-1.25	30MM	50
860835	8MM-1.25	35MM	50
860840	8MM-1.25	40MM	50
860845	8MM-1.25	45MM	25
860850	8MM-1.25	50MM	25
860855	8MM-1.25	55MM	25
860860	8MM-1.25	60MM	25
860865	8MM-1.25	65MM	25
860870	8MM-1.25	70MM	25
860875	8MM-1.25	75MM	25
860890	8MM-1.25	90MM	10
860900	8MM-1.25	100MM	10
860910	8MM-1.25	110MM	10
860920	8MM-1.25	120MM	10

PROD. NO.	DIAMETER & PITCH	LENGTH	BOX QTY.
<i>Hex Head Size 17mm</i>			
861020	10MM-1.50	20MM	25
861025	10MM-1.50	25MM	25
861030	10MM-1.50	30MM	25
861035	10MM-1.50	35MM	25
861040	10MM-1.50	40MM	25
861045	10MM-1.50	45MM	25
861050	10MM-1.50	50MM	25
861055	10MM-1.50	55MM	10
861060	10MM-1.50	60MM	10
861065	10MM-1.50	65MM	10
861070	10MM-1.50	70MM	10
861075	10MM-1.50	75MM	10
861080	10MM-1.50	80MM	10
861085	10MM-1.50	85MM	10
861090	10MM-1.50	90MM	10
861110	10MM-1.50	110MM	10
861120	10MM-1.50	120MM	10
<i>Hex Head Size 19mm</i>			
861220	12MM-1.75	20MM	25
861225	12MM-1.75	25MM	25
861230	12MM-1.75	30MM	25
861235	12MM-1.75	35MM	25
861240	12MM-1.75	40MM	25
861245	12MM-1.75	45MM	10
861250	12MM-1.75	50MM	10
861255	12MM-1.75	55MM	10
861260	12MM-1.75	60MM	10
861265	12MM-1.75	65MM	10
861270	12MM-1.75	70MM	10
861275	12MM-1.75	75MM	10
861280	12MM-1.75	80MM	10
861285	12MM-1.75	85MM	10
861290	12MM-1.75	90MM	10
861300	12MM-1.75	100MM	10
861310	12MM-1.75	110MM	10
861320	12MM-1.75	120MM	10

# METRIC FASTENERS

## FINE THREAD METRIC CAP SCREWS

DIN 960 & DIN 961  
ZINC PLATED

8.8 Heat Treated Alloy Steel  
Tensile Strength: 113,00 PSI Min. To  
142,000 PSI Max.



PRODUCT NUMBER	DIAMETER & PITCH	LENGTH	BOX QTY.
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*Hex Size 13mm*

870816	8MM - 1.00	16MM	10
870820	8MM - 1.00	20MM	10
870825	8MM - 1.00	25MM	10
870830	8MM - 1.00	30MM	10
870835	8MM - 1.00	35MM	10
870840	8MM - 1.00	40MM	10
870850	8MM - 1.00	50MM	10
870855	8MM - 1.00	55MM	10
870860	8MM - 1.00	60MM	10
870870	8MM - 1.00	70MM	10
870875	8MM - 1.00	75MM	10

*Hex Size 17mm*

871020	10MM - 1.25	20MM	10
871025	10MM - 1.25	25MM	10
871030	10MM - 1.25	30MM	10
871035	10MM - 1.25	35MM	10
871040	10MM - 1.25	40MM	10
871045	10MM - 1.25	45MM	10
871050	10MM - 1.25	50MM	10
871055	10MM - 1.25	55MM	10
871060	10MM - 1.25	60MM	10
871070	10MM - 1.25	70MM	10
871090	10MM - 1.25	90MM	10
871100	10MM - 1.25	100MM	10

*Hex Size 19mm*

871220	12MM - 1.50	20MM	10
871225	12MM - 1.50	25MM	10
871230	12MM - 1.50	30MM	10
871235	12MM - 1.50	35MM	10
871240	12MM - 1.50	40MM	10
871245	12MM - 1.50	45MM	10
871250	12MM - 1.50	50MM	10
871255	12MM - 1.50	55MM	10
871260	12MM - 1.50	60MM	10
871270	12MM - 1.50	70MM	10
881220	12MM - 1.25	20MM	10
881225	12MM - 1.25	25MM	10
881230	12MM - 1.25	30MM	10
881235	12MM - 1.25	35MM	10
881240	12MM - 1.25	40MM	10
881245	12MM - 1.25	45MM	10
881250	12MM - 1.25	50MM	10
881255	12MM - 1.25	55MM	10
881260	12MM - 1.25	60MM	10
881280	12MM - 1.25	80MM	10
881290	12MM - 1.25	90MM	10
881300	12MM - 1.25	100MM	10

# METRIC FASTENERS

## METRIC HEX NUTS

CLASS 8

DIN 934

ZINC PLATED

TENSILE STRENGTH: 116, 000 MAX.



PRODUCT NUMBER	DIAMETER & PITCH	WRENCH * SIZE	BOX QTY.
891003	3MM - .5	C	50
891004	4MM - .7	C	50
891005	5MM - .8	C	50
891006	6MM - 1.00	C	50
891007	7MM - 1.00	C	50
891008	8MM - 1.25	C	50
892008	8MM - 1.00	F	50
891010	10MM - 1.50	C	25
892010	10MM - 1.25	F	25
893010	10MM - 1.00	F	10
891012	12MM - 1.75	C	25
892012	12MM - 1.50	F	25
893012	12MM - 1.25	F	10
891014	14MM - 2.00	C	25

\* C = COARSE THREAD / F = FINE THREAD

## METRIC NYLON INSERT LOCK NUTS

DIN 985

REGULAR PITCH

HEAT TREATED ALLOY STEEL

ZINC PLATED



PRODUCT NUMBER	DIAMETER & PITCH	BOX QTY.
896004	4MM - .70 <i>7mm Hex Width</i>	50
896005	5MM - .80 <i>8mm Hex Width</i>	50
896006	6MM - 1.00 <i>10mm Hex Width</i>	50
896008	8MM - 1.25 <i>13mm Hex Width</i>	50
896010	10MM - 1.50 <i>17mm Hex Width</i>	50
896012	12MM - 1.75 <i>19mm Hex Width</i>	50

## METRIC SPIN LOCK NUTS

With Serrations

STANDARD FLANGE

CASE HARDENED

ZINC PLATED



Part No.	Thread Size	Flange O.D.	Hex Size	Box Qty.
880006	M6-1.0	14MM	10MM	50
880008	M8-1.25	17MM	12MM	50
880011	M10-1.25	19MM	14MM	25

## METRIC LOCK NUTS

COPPER PLATED STEEL

SLOTTED ROUND TOP



PRODUCT NUMBER	DIAMETER & PITCH	HEX WIDTH	BOX QTY.
896100	6MM - 1.00	10MM	25

# METRIC FASTENERS

PRODUCT NUMBER	SCREW SIZE	DIMENSION		BOX QTY.
		I.D.	O.D.	
894003	3MM	3.3MM	--	100
894004	4MM	4.3MM	9MM	100
894005	5MM	5.3MM	11MM	100
894006	6MM	6.4MM	12MM	100
894007	7MM	7.4MM	14MM	100
894008	8MM	8.4MM	17MM	100
894010	10MM	10.5MM	21MM	50
894012	12MM	13MM	24MM	50
894014	14MM	15MM	28MM	50

## METRIC FLAT WASHERS

DIN 125  
ZINC PLATED



PRODUCT NUMBER	SCREW SIZE	DIMENSION		BOX QTY.
		I.D.	O.D.	
895003	3MM	3.1MM	--	100
895004	4MM	4.1MM	7.6MM	100
895005	5MM	5.1MM	9.2MM	100
895006	6MM	6.1MM	11.8MM	100
895007	7MM	7.1MM	12.8MM	100
895008	8MM	8.1MM	14.8MM	100
895010	10MM	10.2MM	18MM	100
895012	12MM	12.2MM	21.1MM	50
895014	14MM	14.2MM	24.1MM	50

## METRIC LOCK WASHERS

SPRING STEEL  
DIN 127  
ZINC PLATED



PRODUCT NUMBER	SCREW SIZE	DIMENSION		THICKNESS	BOX QTY.
		I.D.	O.D.		
317000	8MM	8.4MM	15MM	0.5MM	50
317010	10MM	10.5MM	18MM	0.8MM	25

## METRIC SPRING WASHERS

SPRING STEEL  
DIN 137  
ZINC PLATED



# METRIC FASTENERS

## J.I.S. SMALL HEAD HEX FLANGE BOLTS

J.I.S. B1189  
I.S.O. CLASS 10.9  
ZINC PLATED



PART NO.	SIZE	HEX SIZE	FLANGE O.D.	BOX QTY.
880612	M6-1.0 X 12MM	10MM	14MM	50
880616	M6-1.0 X 16MM	10MM	14MM	50
880620	M6-1.0 X 20MM	10MM	14MM	50
880625	M6-1.0 X 25MM	10MM	14MM	25
880630	M6-1.0 X 30MM	10MM	14MM	25
880635	M6-1.0 X 35MM	10MM	14MM	25
880640	M6-1.0 X 40MM	10MM	14MM	25
880645	M6-1.0 X 45MM	10MM	14MM	25
880650	M6-1.0 X 50MM	10MM	14MM	10
880655	M6-1.0 X 55MM	10MM	14MM	10
880660	M6-1.0 X 60MM	10MM	14MM	10
880812	M8-1.25 X 12MM	12MM	17.5MM	25
880816	M8-1.25 X 16MM	12MM	17.5MM	15
880817	M8-1.25 X 16MM	12MM	17.5MM	50
880820	M8-1.25 X 20MM	12MM	17.5MM	15
880821	M8-1.25 X 20MM	12MM	17.5MM	50
880825	M8-1.25 X 25MM	12MM	17.5MM	15
880830	M8-1.25 X 30MM	12MM	17.5MM	15
880835	M8-1.25 X 35MM	12MM	17.5MM	15
880840	M8-1.25 X 40MM	12MM	17.5MM	15
880845	M8-1.25 X 45MM	12MM	17.5MM	15
880850	M8-1.25 X 50MM	12MM	17.5MM	10
880855	M8-1.25 X 55MM	12MM	17.5MM	10
880860	M8-1.25 X 60MM	12MM	17.5MM	10
881016	M10-1.25 x 16MM	14MM	20MM	10
881020	M10-1.25 x 20MM	14MM	20MM	10
881025	M10-1.25 x 25MM	14MM	20MM	10
881030	M10-1.25 x 30MM	14MM	20MM	10
881035	M10-1.25 x 35MM	14MM	20MM	10
881040	M10-1.25 x 40MM	14MM	20MM	10
881045	M10-1.25 x 45MM	14MM	20MM	10
881050	M10-1.25 X 50MM	14MM	21MM	10
881055	M10-1.25 X 55MM	14MM	21MM	10
881060	M10-1.25 X 60MM	14MM	21MM	10

## J.I.S Small Hex Nuts

J.I.S. B1180 - STEEL  
HEAT TREATED  
I.S.O. CLASS 8.8  
ZINC PLATED



PART NO.	PITCH DIAMETER	HEX WIDTH	BOX QTY.
881008	8MM - 1.25	12MM	25
881009	8MM - 1.25	12MM	100
881010	10MM - 1.25	14MM	15
881011	10MM - 1.25	14MM	50
881012	12MM - 1.25	17MM	25

## J.I.S. SMALL HEAD CAP SCREWS

J.I.S. B1180 - STEEL  
HEAT TREATED  
I.S.O. CLASS 8.8  
ZINC PLATED

J. I. S. fasteners have a smaller hex dimension across-the-flats than DIN or ISO metric fasteners. They fit in those tight spots where the hex of an ISO or DIN fastener is too large. J. I. S. fasteners are OEM equipment on many GM and Japanese import cars.



PART NO.	DIA. & LENGTH	UNIT PKG.
<i>M8-1.25</i> (Across-the-Flats: 12MM)		
850816	8MM X 16MM	25
850820	8MM X 20MM	25
850825	8MM X 25MM	25
850830	8MM X 30MM	25
850835	8MM X 35MM	25
850840	8MM X 40MM	25
850845	8MM X 45MM	25
850850	8MM X 50MM	25
850870	8MM X 70MM	10
<i>M10-1.25</i> (Across-The-Flats: 14MM)		
851020	10MM X 20MM	25
851025	10MM X 25MM	25
851030	10MM X 30MM	10
851035	10MM X 35MM	10
851040	10MM X 40MM	10
851045	10MM X 45MM	10
851050	10MM X 50MM	10
851060	10MM X 60MM	10
851070	10MM X 70MM	10
<i>M12-1.25</i> (Across-The-Flats: 17MM)		
851220	12MM X 20MM	10
851225	12MM X 25MM	10
851230	12MM X 30MM	10
851235	12MM X 35MM	10
851240	12MM X 40MM	10
851245	12MM X 50MM	10

# METRIC FASTENERS

## METRIC MACHINE SCREWS PHILLIPS PAN HEAD



REGULAR PITCH  
DIN 7985  
ZINC PLATED

PROD. NO.	DIA.	LENGTH	BOX QTY.
897306	3MM	6MM	100
897308	3MM	8MM	100
897310	3MM	10MM	100
897312	3MM	12MM	100
897316	3MM	16MM	100
897320	3MM	20MM	100
897406	4MM	6MM	100
897408	4MM	8MM	100
897410	4MM	10MM	100
897412	4MM	12MM	100
897416	4MM	16MM	100
897420	4MM	20MM	100
897508	5MM	8MM	100
897510	5MM	10MM	100
897512	5MM	12MM	100
897516	5MM	16MM	100
897520	5MM	20MM	100
897525	5MM	25MM	100
897610	6MM	10MM	50
897612	6MM	12MM	50
897616	6MM	16MM	50
897620	6MM	20MM	50
897625	6MM	25MM	50
897630	6MM	30MM	50

## METRIC MACHINE SCREWS PHILLIPS OVAL

REGULAR PITCH  
DIN 966  
ZINC PLATED



PRODUCT NUMBER	DESCRIPTION	BOX QTY.
303310	6MM X 1.00 X 25MM	25
303317	6MM X 1.00 X 40MM	25
303318	6MM X 1.00 X 60MM	25

## METRIC MACHINE SCREWS PHILLIPS FLAT HEAD

REGULAR PITCH  
DIN 965  
ZINC PLATED



PROD. NO.	DIA.	LENGTH	BOX QTY.
898306	3MM	6MM	100
898308	3MM	8MM	100
898310	3MM	10MM	100
898316	3MM	16MM	100
898406	4MM	6MM	100
898408	4MM	8MM	100
898410	4MM	10MM	100
898416	4MM	16MM	100

## METRIC MACHINE SCREWS SLOTTED PAN HEAD

DIN 85  
ZINC PLATED



PRODUCT NUMBER	DIAMETER & PITCH	LENGTH	BOX QTY.
<b>890406</b>	.....4MM - .7	.....6MM	..... 50
<b>890410</b>	.....4MM - .7	.....10MM	..... 50
<b>890416</b>	.....4MM - .7	.....16MM	..... 50
<b>890506</b>	.....5MM - .8	.....6MM	..... 50
<b>890510</b>	.....5MM - .8	.....10MM	..... 50
<b>890516</b>	.....5MM - .8	.....16MM	..... 50
<b>890520</b>	.....5MM - .8	.....20MM	..... 50
<b>890525</b>	.....5MM - .8	.....25MM	..... 50
<b>890610</b>	.....6MM - 1.00	.....10MM	..... 50
<b>890616</b>	.....6MM - 1.00	.....16MM	..... 50
<b>890616-500</b>	.....6MM - 1.00	.....16MM	..... 500
<b>890620</b>	.....6MM - 1.00	.....20MM	..... 50
<b>890625</b>	.....6MM - 1.00	.....25MM	..... 50
<b>890816</b>	.....8MM - 1.25	.....16MM	..... 50
<b>890820</b>	.....8MM - 1.25	.....20MM	..... 50
<b>890825</b>	.....8MM - 1.25	.....25MM	..... 50

## METRIC MACHINE SCREWS SLOTTED ROUND HEAD

REGULAR PITCH  
ZINC PLATED



PRODUCT NUMBER	DESCRIPTION	BOX QTY.
<b>180000</b>	..... 6MM X 1.0 X 16MM	..... 100