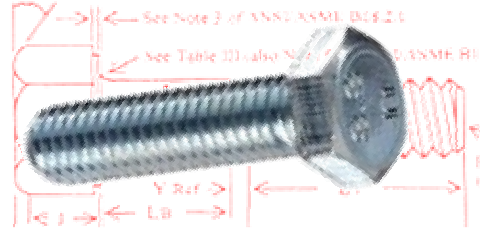


# Metric Hex Head Cap Screws

## Coarse Thread Pitch

## Grade 8.8 & 10.9

Example: **MHCS0610 P88**  
(Suffix specifies Plain or Plated & Grade)



Diameter X Pitch X Length ( mm )	Base Part No.	Grade 8.8		Grade 10.9	Diameter X Pitch X Length ( mm )	Base Part No.	Grade 8.8		Grade 10.9		
		Plain Suffix	Zinc Suffix	Plain Suffix			Plain Suffix	Zinc Suffix	Plain Suffix		
M3 X .5 X	6	MHCS0305	P88	Z88	M8 X 1.25 X	25	MHCS0825	P88	Z88	P109	
	8	MHCS0308	P88	Z88		30	MHCS0830	P88	Z88	P109	
	10	MHCS0310	P88	Z88		35	MHCS0835	P88	Z88	P109	
	12	MHCS0312	P88	Z88		40	MHCS0840	P88	Z88	P109	
	16	MHCS0316	P88	Z88		45	MHCS0845	P88	Z88	P109	
	20	MHCS0320	P88	Z88		50	MHCS0850	P88	Z88	P109	
	25	MHCS0325	P88	Z88		55	MHCS0855	P88	Z88	P109	
M4 X 0.7 X	6	MHCS0406	P88	Z88	60	MHCS0860	P88	Z88	P109		
	8	MHCS0408	P88	Z88	M10 X 1.5 X	10	MHCS1010	P88			
	10	MHCS0410	P88	Z88		12	MHCS1012	P88			
	12	MHCS0412	P88	Z88		16	MHCS1016	P88	Z88		
	16	MHCS0416	P88	Z88		20	MHCS1020	P88	Z88	P109	
	20	MHCS0420	P88	Z88		25	MHCS1025	P88	Z88	P109	
	25	MHCS0425	P88	Z88		30	MHCS1030	P88	Z88	P109	
	30	MHCS0430	P88	Z88		35	MHCS1035	P88	Z88	P109	
35	MHCS0435	P88	Z88	40		MHCS1040	P88	Z88	P109		
M6 X 1.0 X	8	MHCS0608	P88	Z88	45	MHCS1045	P88	Z88	P109		
	10	MHCS0610	P88	Z88	50	MHCS1050	P88	Z88	P109		
	12	MHCS0612	P88	Z88	55	MHCS1055	P88	Z88	P109		
	16	MHCS0616	P88	Z88	60	MHCS1060	P88	Z88	P109		
	20	MHCS0620	P88	Z88	P109	M12 X 1.75 X	20	MHCS1220	P88	Z88	
	25	MHCS0625	P88	Z88	P109		25	MHCS1225	P88	Z88	P109
	30	MHCS0630	P88	Z88	P109		30	MHCS1230	P88	Z88	P109
	35	MHCS0635	P88	Z88	P109		35	MHCS1235	P88	Z88	P109
	40	MHCS0640	P88	Z88	P109		40	MHCS1240	P88	Z88	P109
	45	MHCS0645	P88	Z88			45	MHCS1245	P88	Z88	P109
	50	MHCS0650	P88	Z88			50	MHCS1250	P88	Z88	P109
M8 X 1.25 X	10	MHCS0810	P88	Z88	55	MHCS1255	P88	Z88	P109		
	12	MHCS0812	P88	Z88	60	MHCS1260	P88	Z88	P109		
	16	MHCS0816	P88	Z88	65	MHCS1265	P88	Z88	P109		
	20	MHCS0820	P88	Z88	70	MHCS1270	P88	Z88	P109		

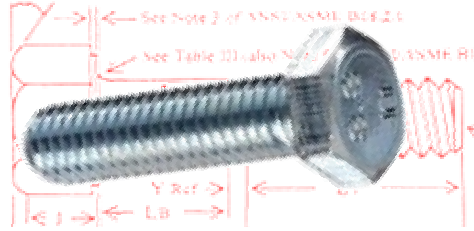
METRIC FASTENERS

## Metric Hex Head Cap Screws

### Coarse Thread Pitch

### Grade 8.8 & 10.9

Example: **MHCS0610 P88**  
(Suffix specifies Plain or Plated & Grade)



Diameter X Pitch X Length ( mm )	Base Part No.	Grade 8.8		Grade 10.9	Diameter X Pitch X Length ( mm )	Base Part No.	Grade 8.8		Grade 10.9		
		Plain Suffix	Zinc Suffix	Plain Suffix			Plain Suffix	Zinc Suffix	Plain Suffix		
<b>M16 X 2.0 X</b>	20	MHCS1620	P88	Z88	P109	<b>M24 X 3.0 X</b>	40	MHCS2440	P88	Z88	
	25	MHCS1625	P88	Z88	P109		45	MHCS2445	P88	Z88	
	30	MHCS1630	P88	Z88	P109		50	MHCS2450	P88	Z88	P109
	35	MHCS1635	P88	Z88	P109		55	MHCS2455	P88	Z88	P109
	40	MHCS1640	P88	Z88	P109		60	MHCS2460	P88	Z88	P109
	45	MHCS1645	P88	Z88	P109		65	MHCS2465	P88	Z88	P109
	50	MHCS1650	P88	Z88	P109		70	MHCS2470	P88	Z88	P109
	55	MHCS1655	P88	Z88	P109		75	MHCS2475	P88	Z88	P109
	60	MHCS1660	P88	Z88	P109		80	MHCS2480	P88	Z88	P109
	65	MHCS1665	P88	Z88	P109		90	MHCS2490	P88	Z88	P109
	70	MHCS1670	P88	Z88	P109		100	MHCS24100	P88	Z88	P109
	75	MHCS1675	P88	Z88	P109		110	MHCS24110	P88	Z88	P109
	80	MHCS1680	P88	Z88	P109		120	MHCS24120	P88	Z88	P109
	85	MHCS1685	P88	Z88	P109		130	MHCS24130	P88	Z88	P109
	90	MHCS1690	P88	Z88	P109						
	100	MHCS16100	P88	Z88	P109						
<b>M20 X 2.5 X</b>	25	MHCS2025	P88	Z88							
	30	MHCS2030	P88	Z88							
	35	MHCS2035	P88	Z88	P109						
	40	MHCS2040	P88	Z88	P109						
	45	MHCS2045	P88	Z88	P109						
	50	MHCS2050	P88	Z88	P109						
	55	MHCS2055	P88	Z88	P109						
	60	MHCS2060	P88	Z88	P109						
	65	MHCS2065	P88	Z88	P109						
	70	MHCS2070	P88	Z88	P109						
	75	MHCS2075	P88	Z88	P109						
	80	MHCS2080	P88	Z88	P109						
85	MHCS2085	P88	Z88	P109							
90	MHCS2090	P88	Z88	P109							
100	MHCS20100	P88	Z88	P109							
110	MHCS20110	P88	Z88								
120	MHCS20120	P88	Z88								

**Additional sizes available  
upon request, call us !!**

**Stainless steel also available.**

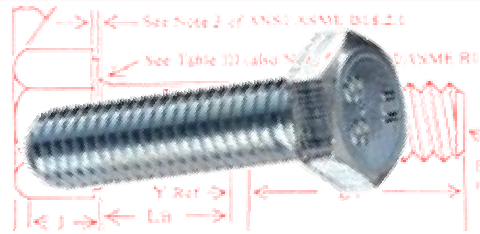
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# Metric Hex Head Cap Screws

## Coarse Thread Pitch

### Grade 8.8 & 10.9

Example: **MHCS0610 P88**  
(Suffix specifies Plain or Plated & Grade)



Diameter X Pitch X Length ( mm )	Base Part No.	Grade 8.8		Grade 10.9	
		Plain Suffix	Zinc Suffix	Plain Suffix	
<b>M8 X 1.0 X</b>	<b>16</b>	MHCSF0816	P88	Z88	
	<b>20</b>	MHCSF0820	P88	Z88	
	<b>25</b>	MHCSF0825	P88	Z88	
	<b>30</b>	MHCSF0830	P88	Z88	
	<b>35</b>	MHCSF0835	P88	Z88	
	<b>40</b>	MHCSF0840	P88	Z88	
	<b>45</b>	MHCSF0845	P88	Z88	
	<b>50</b>	MHCSF0850	P88	Z88	
	<b>55</b>	MHCSF0855	P88	Z88	
<b>60</b>	MHCSF0860	P88	Z88		
<b>M 10 X 1.25 X</b>	<b>16</b>	MHCSF1016	P88	Z88	
	<b>20</b>	MHCSF1020	P88	Z88	
	<b>25</b>	MHCSF1025	P88	Z88	
	<b>30</b>	MHCSF1030	P88	Z88	P109
	<b>35</b>	MHCSF1035	P88	Z88	P109
	<b>40</b>	MHCSF1040	P88	Z88	P109
	<b>45</b>	MHCSF1045	P88	Z88	P109
	<b>50</b>	MHCSF1050	P88	Z88	P109
	<b>55</b>	MHCSF1055	P88	Z88	
<b>60</b>	MHCSF1060	P88	Z88		
<b>M12 X 1.25 X</b>	<b>20</b>	MHCS1220	P88	Z88	P109
	<b>25</b>	MHCS1225	P88	Z88	P109
	<b>30</b>	MHCS1230	P88	Z88	P109
	<b>35</b>	MHCS1235	P88	Z88	P109
	<b>40</b>	MHCS1240	P88	Z88	P109
	<b>45</b>	MHCS1245	P88	Z88	P109
	<b>50</b>	MHCS1250	P88	Z88	P109
	<b>55</b>	MHCS1255	P88	Z88	P109
	<b>60</b>	MHCS1260	P88	Z88	P109
<b>65</b>	MHCS1265	P88	Z88		
<b>70</b>	MHCS1270	P88	Z88		

Diameter X Pitch X Length ( mm )	Base Part No.	Grade 8.8		Grade 10.9	
		Plain Suffix	Zinc Suffix	Plain Suffix	
<b>M16 X 1.5 X</b>	<b>20</b>	MHCSF1620	P88	Z88	
	<b>25</b>	MHCSF1625	P88	Z88	
	<b>30</b>	MHCSF1630	P88	Z88	P109
	<b>35</b>	MHCSF1635	P88	Z88	P109
	<b>40</b>	MHCSF1640	P88	Z88	P109
	<b>45</b>	MHCSF1645	P88	Z88	P109
	<b>50</b>	MHCSF1650	P88	Z88	P109
	<b>55</b>	MHCSF1655	P88	Z88	P109
	<b>60</b>	MHCSF1660	P88	Z88	P109
	<b>70</b>	MHCSF1670	P88	Z88	P109
	<b>80</b>	MHCSF1680	P88	Z88	P109
<b>M20 X 1.5 X</b>	<b>30</b>	MHCSF2030	P88	Z88	P109
	<b>35</b>	MHCSF2035	P88	Z88	P109
	<b>40</b>	MHCSF2040	P88	Z88	P109
	<b>45</b>	MHCSF2045	P88	Z88	P109
	<b>50</b>	MHCSF2050	P88	Z88	P109
	<b>55</b>	MHCSF2055	P88	Z88	P109
	<b>60</b>	MHCSF2060	P88	Z88	P109
	<b>70</b>	MHCSF2070	P88	Z88	P109
	<b>80</b>	MHCSF2080	P88	Z88	P109
	<b>90</b>	MHCSF2090	P88	Z88	P109

**Additional Sizes**

**& Materials**

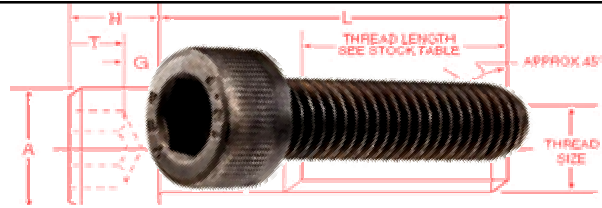
**Available upon request.**

**M E T R I C F A S T E N E R S**

# Socket Head Cap Screws

## Grade 12.9 DIN 912

### Metric Sizes



Diameter – Length	Part Number	Diameter – Length	Part Number	Diameter – Length	Part Number
<b>M4-0.7 X</b> 8	SHCSM0408	<b>M6 – 1.0 X</b> 60	SHCSM0660	<b>M12 – 1.75 X</b> 30	SHCSM1230
10	SHCSM0410	70	SHCSM0670	35	SHCSM1235
12	SHCSM0412	<b>M8 – 1.25 X</b> 10	SHCSM0810	40	SHCSM1240
14	SHCSM0414	12	SHCSM0812	45	SHCSM1245
16	SHCSM0416	14	SHCSM0814	50	SHCSM1250
18	SHCSM0418	16	SHCSM0816	55	SHCSM1255
20	SHCSM0420	18	SHCSM0818	60	SHCSM1260
25	SHCSM0425	20	SHCSM0820	70	SHCSM1270
30	SHCSM0430	25	SHCSM0825	80	SHCSM1280
35	SHCSM0435	30	SHCSM0830	90	SHCSM1290
40	SHCSM0440	35	SHCSM0835	100	SHCSM12100
45	SHCSM0445	40	SHCSM0840	110	SHCSM12110
<b>M5-0.8 X</b> 8	SHCSM0508	45	SHCSM0845	120	SHCSM12120
10	SHCSM0510	50	SHCSM0850		
12	SHCSM0512	55	SHCSM0855		
14	SHCSM0514	60	SHCSM0860		
16	SHCSM0516	70	SHCSM0870		
18	SHCSM0518	80	SHCSM0880		
20	SHCSM0520	90	SHCSM0890		
25	SHCSM0525	100	SHCSM08100		
30	SHCSM0530	<b>M10 – 1.5 X</b> 16	SHCSM1016		
35	SHCSM0535	20	SHCSM1020		
40	SHCSM0540	25	SHCSM1025		
45	SHCSM0545	30	SHCSM1030		
50	SHCSM0550	35	SHCSM1035		
<b>M6 – 1.0 X</b> 8	SHCSM0608	40	SHCSM1040		
10	SHCSM0610	45	SHCSM1045		
12	SHCSM0612	50	SHCSM1050		
14	SHCSM0614	55	SHCSM1055		
16	SHCSM0616	60	SHCSM1060		
18	SHCSM0618	70	SHCSM1070		
20	SHCSM0620	80	SHCSM1080		
25	SHCSM0625	90	SHCSM1090		
30	SHCSM0630	100	SHCSM10100		
35	SHCSM0635	110	SHCSM10110		
40	SHCSM0640	120	SHCSM10120		
45	SHCSM0645	<b>M12 – 1.75 X</b> 20	SHCSM1220		
50	SHCSM0650	25	SHCSM1225		

Additional sizes available.

Call us!

METRIC FASTENERS

# Flat Head Socket Cap Screws

**Grade 10.9 DIN 7991  
Metric Sizes**



Diameter – Length	Part Number	Diameter – Length	Part Number	Diameter – Length	Part Number
<b>M8 – 0.5 X</b> 8	FHCSM0308	<b>M6 – 1.0 X</b> 30	FHCSM0630	<b>M12 – 1.75 X</b> 50	FHCSM1250
10	FHCSM0310	35	FHCSM0635	55	FHCSM1255
12	FHCSM0312	40	FHCSM0640	60	FHCSM1260
14	FHCSM0314	45	FHCSM0645	70	FHCSM1270
16	FHCSM0316	50	FHCSM0650	80	FHCSM1280
18	FHCSM0318				
20	FHCSM0320	<b>M8 – 1.25 X</b> 16	FHCSM0816	<b>M14 – 2.0 X</b> 30	FHCSM1430
		18	FHCSM0818	35	FHCSM1435
<b>M4-0.7 X</b> 8	FHCSM0408	20	FHCSM0820	40	FHCSM1440
10	FHCSM0410	25	FHCSM0825	45	FHCSM1445
12	FHCSM0412	30	FHCSM0830	50	FHCSM1450
14	FHCSM0414	35	FHCSM0835	55	FHCSM1455
16	FHCSM0416	40	FHCSM0840	60	FHCSM1460
18	FHCSM0418	45	FHCSM0845	70	FHCSM1470
20	FHCSM0420	50	FHCSM0850	80	FHCSM1480
25	FHCSM0425	55	FHCSM0855		
30	FHCSM0430	60	FHCSM0860		
		70	FHCSM0870		
<b>M5-0.8 X</b> 10	FHCSM0510				
12	FHCSM0512	<b>M10 – 1.5 X</b> 16	FHCSM1016		
14	FHCSM0514	20	FHCSM1020		
16	FHCSM0516	25	FHCSM1025		
18	FHCSM0518	30	FHCSM1030		
20	FHCSM0520	35	FHCSM1035		
25	FHCSM0525	40	FHCSM1040		
30	FHCSM0530	45	FHCSM1045		
35	FHCSM0535	50	FHCSM1050		
40	FHCSM0540	55	FHCSM1055		
45	FHCSM0545	60	FHCSM1060		
50	FHCSM0550	70	FHCSM1070		
		80	FHCSM1080		
<b>M6 – 1.0 X</b> 10	FHCSM0610				
12	FHCSM0612	<b>M12 – 1.75 X</b> 20	FHCSM1220		
14	FHCSM0614	25	FHCSM1225		
16	FHCSM0616	30	FHCSM1230		
18	FHCSM0618	35	FHCSM1235		
20	FHCSM0620	40	FHCSM1240		
25	FHCSM0625	45	FHCSM1245		

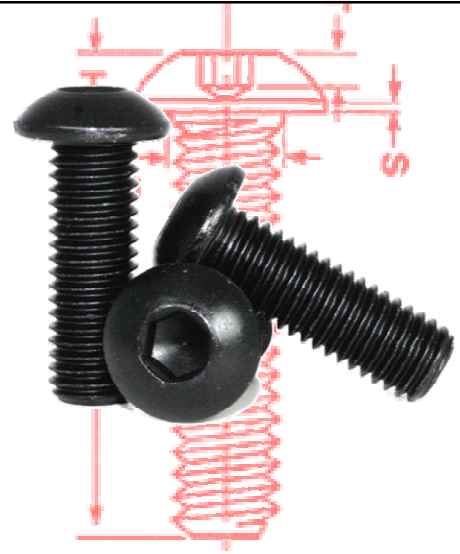
**Additional sizes  
available.**

**Call us!**

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# Button Head Socket Cap Screws

**Grade 10.9 DIN 7380  
Metric Sizes**



Diameter – Length	Part Number	Diameter – Length	Part Number
<b>M3 – 0.5 X</b> 6	BHSCM0306	<b>M6 – 1.0 X</b> 30	BHSCM0630
	8		BHSCM0635
	10		BHSCM0640
	12	BHSCM0645	
	16	BHSCM0650	
	20	BHSCM0320	<b>M8 – 1.25 X</b> 8
25	BHSCM0325	12	
<b>M4-0.7 X</b> 8	BHSCM0408	16	BHSCM0816
	10	BHSCM0818	
	12	BHSCM0820	
	16	BHSCM0825	
	18	BHSCM0830	
	20	BHSCM0835	
	25	BHSCM0840	
	30	BHSCM0845	
	35	BHSCM0850	
<b>M5-0.8 X</b> 8	BHSCM0508	<b>M10 – 1.5 X</b> 12	BHSCM1012
	10		BHSCM1016
	12		BHSCM1020
	16		BHSCM1025
	18		BHSCM1030
	20	BHSCM1035	
	25	BHSCM1040	
	30	BHSCM1045	
	35	BHSCM1050	
<b>M6 – 1.0 X</b> 6	BHSCM0606	<b>M12 – 1.75 X</b> 16	BHSCM1216
	8		BHSCM1220
	10	BHSCM1225	
	12	BHSCM1230	
	16	BHSCM1235	
	18	BHSCM1240	
	20	BHSCM1250	
	25	BHSCM0625	

**Need a size not shown  
here?  
Additional sizes  
available.**

**Call us!**

## Notes


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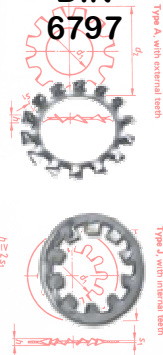
# Metric Washers

Screw Size (mm)	Part Number		Standard Pack Quan.
	Plain	Zinc	
3	LWM03P	LWM03	100
4	LWM04P	LWM04	100
5	LWM05P	LWM05	100
6	LWM06P	LWM06	100
8	LWM08P	LWM08	100
10	LWM10P	LWM10	100
12	LWM12P	LWM12	100
16	LWM16P	LWM16	50
20	LWM20P	LWM20	50
24	LWM24P	LWM24	50

## Metric Split Lock Washers DIN 127



100 Per Package			Internal / External Star DIN 6797
Size (mm)	Part Number		
	Internal	External	
3	INTSTRWM03	EXTSTRWM03	
4	INTSTRWM04	EXTSTRWM04	
5	INTSTRWM05	EXTSTRWM05	
6	INTSTRWM06	EXTSTRWM06	
8	INTSTRWM08	EXTSTRWM08	
10	INTSTRWM10	EXTSTRWM10	
12	INTSTRWM12	EXTSTRWM12	
16	INTSTRWM16	EXTSTRWM16	
20	INTSTRWM20	EXTSTRWM20	



# Metric Flat Washers

Screw Size (mm)	Dimensions (mm)		Part Number		Standard Pkg. Quantity	DIN 125
	I.D.	O.D.	Plain	Plated		
3	3.2	7	FWM03P	FWM03Z	100	
4	4.3	9	FWM04P	FWM04Z	100	
5	5.3	10	FWM05P	FWM05Z	100	
6	6.4	12	FWM06P	FWM06Z	100	
8	8.4	16	FWM08P	FWM08Z	100	
10	10.5	20	FWM10P	FWM10Z	100	
12	13	24	FWM12P	FWM12Z	100	
16	17	30	FWM16P	FWM16Z	50	
20	21	37	FWM20P	FWM20Z	50	
24	25	44	FWM24P	FWM24Z	50	

Zinc Plated, add suffix (P) after part number for plain finish

Size (mm)	Part Number				Part Number			Standard Package Quantity	DIN 934 Metric Hex Nuts
	Coarse Thread Pitch		Fine Thread Pitch		Fine Thread Pitch				
Thread Pitch	Grade 8.8	Grade 10	Thread Pitch	Grade 8.8	Grade 10	Grade 10			
3	0.5	MHN 03.5	MHN10 03.5				100		
4	0.7	MHN 04.7	MHN10 04.7				100		
6	1.0	MHN 061.0	MHN10 061.0				100		
8	1.25	MHN 081.25	MHN10 081.25	1.0	MHNF 081.0		100		
10	1.5	MHN 101.5	MHN10 101.5	1.25	MHNF 101.25	MHNF10 101.25	50		
12	1.75	MHN 121.75	MHN10 121.75	1.25	MHNF 121.25	MHNF10 121.25	50		
16	2.0	MHN 162.0	MHN10 162.0	1.5	MHNF 161.5	MHNF10 161.5	50		
20	2.5	MHN 202.5	MHN10 202.5	1.5	MHNF 201.5	MHNF10 201.5	25		
24	3.0	MHN 243.0	MHN10 243.0				25		

Additional Sizes available

METRIC FASTENERS