

Hex Flange Screws
 SAE J429 Grade 8



Also known as "Frame Bolts" these screws are a hex screw and washer head all in one. Parts are manufactured to ASME/ANSI B18.2.1 dimensions and SAE J429 material requirements.

5/16 - 18 Zinc Phos. & Oil

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
3/4"	1822692	3.15	100

3/8 - 16 Mechanical Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 1/2"	2010497	6.56	50

5/16 - 24 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1"	1994965	3.56	100



1/2 - 13 Black Teflon

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1"	1810330	12.70	25
1 1/4"	1810325	13.80	25
1 3/4"	1810305	16.05	25
2"	2003354	17.90	25

3/8 - 16 Black Teflon

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
3/4"	1810335	4.75	100
1"	1810315	5.33	100
1 3/4"	1821026	7.68	100

1/2 - 13 Zinc Phos. & Oil

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1"	1821790	12.70	25
1 1/4"	1822777	13.80	25
1 1/2"	2012360	14.36	25
1 3/4"	2012361	16.05	25
2"	1821761	17.90	25
2 1/4"	2012362	19.27	25
2 1/2"	2012363	20.66	10
2 3/4"	2008188	22.02	10
3"	1821776	23.39	10
3 1/2"	2012364	24.80	10
4"	2012365	28.20	10

3/8 - 16 Zinc Phos. & Oil

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1"	1821714	5.33	50
1 1/4"	2012358	5.94	50
1 1/2"	2012359	6.56	50
1 3/4"	2004834	7.68	50

3/8 - 16 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 1/4"	1822608	5.94	50
1 1/2"	1821722	6.56	50
2"	1821729	8.45	50

1/2 - 13 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1"	1821749	12.70	25
1 1/4"	1821764	13.80	25
1 1/2"	1821752	14.36	25
2"	1821681	17.90	25
2 1/4"	1821802	19.27	25
2 1/2"	1821770	20.66	10

Grade 8 Hex Flange Screws continued on next page.

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SAE J429 Grade 8



Plain finish part shown.

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1/2 - 13 Plain Finish			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
3 1/2"	1810567	24.80	10

9/16 - 18 Zinc Clear			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 1/2"	2000522	40.00	25

9/16 - 18 Zinc Phos. & Oil			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 1/2"	1822198	40.00	25
1 3/4"	2003315	42.04	10

5/8 - 11 Plain Finish			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 3/4"	1821256	27.86	10

5/8 - 11 Zinc Phos. & Oil			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 1/2"	1821252	26.10	10
1 3/4"	1822792	27.86	10
2"	1821285	29.62	10
2 1/4"	2012366	31.36	10
2 1/2"	1821246	33.12	10
2 3/4"	1822790	26.82	10
3"	2012367	38.96	10
3 1/2"	2012368	43.25	10
4"	2012369	51.82	5

5/8 - 11 Zinc Yellow			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 1/2"	1821242	26.10	10
2"	1821295	29.62	10

5/8 - 18 Zinc Phos. & Oil			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 3/4"	1822226	25.36	10

5/8 - 18 Plain Finish			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 3/4"	1822225	25.36	10

3/4 - 10 Zinc Phos. & Oil			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 3/4"	2012370	40.00	10
2"	2012371	43.00	10
2 1/4"	2012372	44.50	10
2 1/2"	2012373	49.80	5
2 3/4"	2012374	52.00	5
3"	2012375	54.00	5
3 1/2"	2012376	60.50	5
4"	2012377	67.00	5

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Hex Flange Screws
SAE J429 Grade 5



Plain finish part shown.

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1/4 - 20 Plain Finish

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
3/4"	1822490	1.71	100

1/4 - 20 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1"	1821714	5.33	50
1 1/4"	2012358	5.94	50
1 1/2"	2012359	6.56	50

5/16 - 18 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1/2"	1820544	2.73	100
1 1/4"	1821402	3.98	100
1 1/2"	1822984	4.67	50
2"	2003623	5.72	50

3/8 - 16 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1/2"	1820543	3.82	100
3/4"	1822601	4.75	100
1"	1822602	5.33	50
1 1/4"	2008614	5.94	50

3/8 - 16 Magni 565 Grey

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1"	1998161	5.33	50

1/2 - 13 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 1/4"	2012046	13.80	25

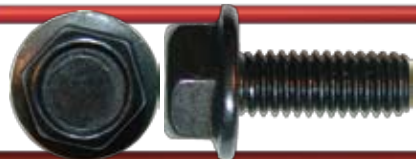
5/8 - 18 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 1/4"	2000500	24.02	10



Hex Flange Screws

A2 Stainless Steel DIN 6921 Black Oxide



Also known as "Frame Bolts" these screws are a hex screw and washer head all in one. Parts are manufactured to ASME/ANSI B18.2.1 dimensions and SAE J429 material requirements.

M6 - 1.00

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	1995276	1.71	100

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Hex Flange Screws

Class 10.9



Plain finish part shown.

Also known as "Frame Bolts" these screws are a hex screw and washer head all in one. The larger bearing surface distributes clamp load over a larger surface area.

M6 - 1.00 DIN 6921 Plain Finish

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	1427048	1.69	100
20MM	1427068	1.82	100
25MM	1427078	1.96	100
30MM	1427088	2.20	100

M6 - 1.00 DIN 4162 Plain Finish

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
40MM	2002818	3.30	100

M6 - 1.00 DIN 6921 Zinc Phosphate & Oil

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
12MM	2009931	1.54	100
40MM	2009932	2.68	100
50MM	2009933	3.17	100

M6 - 1.00 DIN 6921 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
25MM	1427077	1.96	100
30MM	1427087	2.20	100
45MM	1427119	2.92	100

M6 - 1.00 DIN 6921 Zinc Clear

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	1427050	1.69	100
20MM	1427051	1.82	100

M6 - 1.00 DIN 6921 Black Teflon

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
30MM	1467033	2.20	100

M8 - 1.25 DIN 6921 Plain Finish

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	2006211	2.70	100
20MM	1427268	3.34	100
25MM	1427278	3.67	100
30MM	1427288	4.14	100
35MM	2009934	4.41	50
40MM	1427308	4.84	50

M8 - 1.25 DIN 6921 Zinc Phosphate & Oil

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
20MM	1427269	3.34	100
30MM	2001446	4.14	100
40MM	1467091	4.84	100
50MM	2009935	5.72	50
60MM	2009936	6.60	50
70MM	2009937	7.48	50

M8 - 1.25 DIN 6921 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	1995450	2.70	100
20MM	1467056	3.34	100
25MM	1427277	3.67	100
30MM	1427287	4.14	100
40MM	1427309	4.84	100
50MM	1467114	5.72	50
90MM	1427390	8.99	50
120MM	1873192	11.70	25

M8 - 1.25 DIN 4162 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
65MM	2007145	6.41	50

Class 10.9 Hex Flange Screws continued on next page.

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Hex Flange Screws
 Class 10.9



Plain finish part shown.

Also known as "Frame Bolts" these screws are a hex screw and washer head all in one. The larger bearing surface distributes clamp load over a larger surface area.

M8 - 1.25 DIN 6921 Magni			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
20MM	1998014	3.34	100
120MM	1998013	11.80	25

M8 - 1.25 DIN 6921 Black Teflon			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
20MM	1427270	3.34	100
30MM	1467089	4.14	100

M10 - 1.50 DIN 6921 Plain Finish			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	1427448	4.84	50
20MM	1467132	5.50	50
25MM	1427478	6.05	50
30MM	2009938	6.60	50
35MM	1467163	7.22	50
40MM	1427508	7.84	50
50MM	1427528	9.20	25
70MM	2009941	11.93	25

M10 - 1.50 Plain Finish			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
70MM	2011409	10.87	25

M10 - 1.50 DIN 6921 Zinc Phosphate & Oil			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
20MM	1467131	5.50	50
25MM	1467137	6.05	50
30MM	2000154	6.60	50
35MM	1827065	7.22	50
40MM	1467172	7.84	50
45MM	2009939	8.52	50
50MM	2006426	9.20	25
60MM	2009940	10.57	25
70MM	1467211	11.93	25
110MM	1991416	16.50	10

M10 - 1.50 DIN 6921 Zinc Yellow			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	2009439	4.84	50
20MM	1467133	5.50	50
25MM	1467145	6.05	50
30MM	1427490	6.60	50
35MM	1994337	7.22	50
40MM	1467171	7.84	50
50MM	1873346	9.20	25
65MM	1467207	11.25	25
75MM	1467214	12.62	25
80MM	1427589	13.30	25
110MM	1467251	16.40	25

M10 - 1.50 DIN 6921 Magni 565 Grey			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
35MM	1998016	7.22	50

Class 10.9 Hex Flange Screws continued on next page.

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Hex Flange Screws

Class 10.9



Plain finish part shown.

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M12 - 1.75 DIN 6921 Plain Finish

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
25MM	1467265	8.00	50
30MM	1467268	9.91	25
40MM	1427708	11.45	25
50MM	1427728	13.43	25
60MM	2009944	15.41	25
70MM	2009945	17.40	25
80MM	1467346	19.38	10
100MM	1427828	23.34	10

M12 - 1.75 DIN 6921 Zinc Phosphate & Oil

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
35MM	2009943	10.68	25
70MM	1467329	17.40	25

M12 - 1.75 DIN 6921 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
40MM	1427709	11.45	25

M16 - 2.00 DIN 6921 Plain Finish

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
30MM	1427904	21.00	10
45MM	1427918	24.93	10

M16 - 2.00 DIN 6921 Zinc Phosphate & Oil

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
60MM	1427949	29.95	10

M16 - 2.00 DIN 6921 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
30MM	1427905	21.00	10
40MM	1427909	23.17	10
120MM	1428047	50.66	5

M20 - 2.50 DIN 6921 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
50MM	1468517	52.65	10

M20 - 2.50 ANSI Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
95MM	2000407	64.83	10

M20 - 2.50 Dorrl GM 7114M

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
95MM	1832272	64.83	5

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Hex Flange Screws
Class 8.8



Plain finish part shown.

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M6 - 1.00 DIN 6921 Plain Finish

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	1467008	1.69	100
20MM	1467011	1.82	100

M6 - 1.00 DIN 6921 Black Poly

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
20MM	1467012	1.82	100
25MM	1992921	1.96	100

M6 - 1.00 DIN 6921 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
12MM	1467003	1.54	100
16MM	1468498	1.69	100
20MM	1468504	1.82	100
25MM	1467030	1.96	100
30MM	2008308	2.20	100
40MM	1841592	2.68	100

M6 - 1.00 DIN 6921 320BK

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
20MM	1427062	1.82	100

M6 - 1.00

DIN 6921 Zinc Phosphate & Oil

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
10MM	2005327	1.40	100
12MM	1467004	1.54	100
16MM	1829324	1.69	100
20MM	1467010	1.82	100

M8 - 1.25 DIN 6921 Plain Finish

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
20MM	2012689	3.34	100
30MM	1467088	4.14	100
40MM	1467092	4.84	100
45MM	1467102	5.28	50
65MM	1467121	7.04	50

M6 - 1.00

DIN 6921 Zinc Phosphate & Oil

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	1467042	2.70	100
25MM	1467061	3.67	100
30MM	1467075	4.14	100
40MM	1999947	4.84	100
45MM	1467101	5.28	50
50MM	1467112	5.72	50
60MM	1467119	6.60	50
65MM	1467123	7.04	50
75MM	1467124	7.92	50
80MM	1821023	8.37	50
95MM	1467129	9.70	25

M6 - 1.00 DIN 6921 Zinc Black

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	1467005	1.69	100
20MM	1467009	1.82	100

M10 - 1.50 DIN 6921

Zinc Trivalent Yellow with Sealer

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
20MM	2014563	1.82	100
25MM	2014556	1.96	100

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Hex Flange Screws

Class 8.8



Plain finish part shown.

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M8 - 1.25			
DIN 6921 Zinc Phosphate & Oil			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	1427246	2.70	100

M8 - 1.25 DIN 6921 Zinc Yellow			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
12MM	1467038	2.48	100
16MM	1427244	2.70	100
20MM	1836058	3.34	100
25MM	1467060	3.67	100
30MM	1467070	4.14	100
40MM	1467090	4.84	100
45MM	1467100	5.28	50
50MM	2005107	5.72	50
60MM	1467120	7.12	50
100MM	2005183	11.39	25

M8 - 1.25 DIN 6921 Magni 565 Grey			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
30MM	1998018	4.14	100

M10 - 1.50 DIN 6921 Plain Finish			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
30MM	1467151	6.60	50
40MM	2012681	7.84	50

M10 - 1.50 Zinc Black			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
20MM	1468507	5.50	50

M10 - 1.50 Zinc Yellow			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
50MM	1468581	9.14	25

M10 - 1.50 DIN 6921 Zinc Yellow			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
15MM	1467125	4.47	10
20MM	1467130	5.50	50
25MM	1467140	6.05	50
30MM	1427486	6.60	50
35MM	1467160	7.22	50
40MM	1467170	7.84	50
50MM	1467187	9.20	25
60MM	1467200	10.57	25
65MM	2006418	11.25	25
70MM	1467210	11.93	25

M10 - 1.50 DIN 6921 Zinc Trivalent Clear with Sealer			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
30MM	2014555	6.60	50
40MM	2014558	7.84	50

M12 - 1.75 DIN 6921 Plain Finish			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
25MM	1467263	8.00	50

M12 - 1.75 DIN 6921 Zinc Clear			
Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
35MM	1427694	10.68	25
70MM	1468152	17.40	25
80MM	2008402	19.38	10
85MM	1427797	20.37	10

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Hex Flange Screws

Class 8.8



Plain finish part shown.

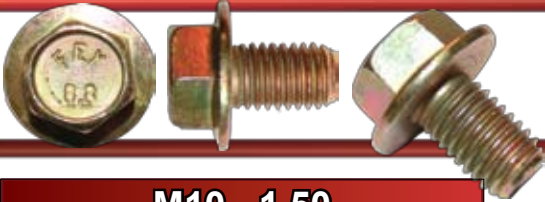
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M20 - 2.50 Zinc Yellow DIN 6921

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
90MM	1468513	80.00	5

Fully Threaded Hex Flange Screws

Class 8.8 DIN 6921 Zinc Yellow



M10 - 1.50

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
16MM	1427447	4.84	50

Hex Flange Screws with Thread Protection

Class 8.8 Carburized



M20 - 1.5 Class 12.9 ANSI Magni 555

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
75MM	2005542	94.69	5

M22 - 1.5 Class 12.9 Dorrl GM 7114M 800 hour salt spray

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
75MM	2005540	94.69	1

M22 - 1.5 Class 12.9 Dorrl GM 7114M 800 hour salt spray

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
95MM	2005541	110.23	1

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Hex Flange Screws with Locking Feature

Class 8.8 DIN 6921 Zinc Yellow

Loctite 242 is a registered trademark of the Henkel Corporation.



M8 - 1.00 with Loctite 202® Patch

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
25MM	2007595	3.67	100

M8 - 1.00 with Chemical Patch

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
30MM	2001619	4.14	100

Hex Flange Screws with Nylon Patch



1/4 - 20 Grade 5 Zinc Phosphate & Oil

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
3/4"	1823097	1.70	100

3/8 - 16 Grade 8 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
7/8"	1874838	5.06	100

5/16 - 18 Grade 5 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 1/4"	1816528	18.20	10

1/2 - 13 Grade 8 Zinc Yellow

Length	Part Number	Lbs. Per 100 Pcs.	Package Quantity
1 1/4"	2000324	11.70	25

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