

Hex Cap Screws Cont.

1/2"-13 Diameter - Coarse Thread
Plain, Zinc Plated or Yellow Zinc Plated
Wrench Size: 3/4"



Length	Pkg. Qty.	Case Qty.	A307A		Grade 5		Grade 8									
			Plain	Zinc	Plain	Zinc	Yellow Zinc	Plain	Yellow Zinc							
			Part No.	UOM /100	Part No.	UOM /100	Part No.	UOM /100	Part No.	UOM /100	Part No.	UOM /100				
3/4"	25	475	10203	^	11203	^	12203	^	13203	^	95203	^	14203	^	15203	^
7/8"	25	450	10204	—	11204	—	12204	—	13204	—	95204	—	14204	—	15204	—
1"	25	400	10205	—	11205	—	12205	—	13205	—	95205	—	14205	—	15205	—
1-1/8"	25	400					12206	—	13206	—	95206	—	14206	—	15206	—
1-1/4"	25	375	10207	—	11207	—	12207	—	13207	—	95207	—	14207	—	15207	—
1-3/8"	25	350					12208	—	13208	—	95208	—	14208	—	15208	—
1-1/2"	25	300	10209	—	11209	—	12209	—	13209	—	95209	—	14209	—	15209	—
1-3/4"	25	275	10210	—	11210	—	12210	—	13210	—	95210	—	14210	—	15210	—
2"	10	250	10211	—	11211	—	12211	—	13211	—	95211	—	14211	—	15211	—
2-1/4"	10	225	10212	—	11212	—	12212	—	13212	—	95212	—	14212	—	15212	—
2-1/2"	10	225	10213	—	11213	—	12213	—	13213	—	95213	—	14213	—	15213	—
2-3/4"	10	200	10214	—	11214	—	12214	—	13214	—	95214	—	14214	—	15214	—
3"	10	200	10215	—	11215	—	12215	—	13215	—	95215	—	14215	—	15215	—
3-1/4"	10	175	10216	—	11216	—	12216	—	13216	—	95216	—	14216	—	15216	—
3-1/2"	10	150	10217	—	11217	—	12217	—	13217	—	95217	—	14217	—	15217	—
3-3/4"	10	150			11218	—	12218	—	13218	—	95218	—	14218	—	15218	—
4"	5	150	10219	—	11219	—	12219	—	13219	—	95219	—	14219	—	15219	—
4-1/4"	5	125					12220	—	13220	—	95220	—	14220	—	15220	—
4-1/2"	5	125	10221	—	11221	—	12221	—	13221	—	95221	—	14221	—	15221	—
4-3/4"	5	125					12222	—	13222	—	95222	—	14222	—	15222	—
5"	5	125	10223	—	11223	—	12223	—	13223	—	95223	—	14223	—	15223	—
5-1/2"	5	100	10224	—	11224	—	12224	—	13224	—	95224	—	14224	—	15224	—
6"	5	100	10225	—	11225	—	12225	—	13225	—	95225	—	14225	—	15225	—
6-1/2"	1	100	10226	—	11226	—	12226	—	13226	—	95226	—	14226	—	15226	—
7"	1	90	10227	—	11227	—	12227	—	13227	—	95227	—	14227	—	15227	—
7-1/2"	1	80	10228	—	11228	—	12228	—	13228	—	95228	—	14228	—	15228	—
8"	1	80	10229	—	11229	—	12229	—	13229	—	95229	—	14229	—	15229	—
8-1/2"	1	80	10230	—	11230	—	12230	—	13230	—	95230	—	14230	—	15230	—
9"	1	75	10231	—	11231	—	12231	—	13231	—	95231	—	14231	—	15231	—
9-1/2"	1	70					12232	—	13232	—	95232	—	14232	—	15232	—
10"	1	65	10233	—	11233	—	12233	—	13233	—	95233	—	14233	—	15233	—
11"	1	60	10235	—	11235	—	12235	—	13235	—	95235	—	14235	—	15235	—
12"	1	55	10236	—	11236	—	12236	—	13236	—	95236	—	14236	—	15236	—
13"	1	50	10237	—	11237	—	12237	—	13237	—	95237	—	14237	—	15237	—
14"	1	50	10238	—	11238	—	12238	—	13238	—	95238	—	14238	—	15238	—

MADE IN USA fasteners also available online @ fastenal.com

Determining Thread Length

6 inches or less = 2 times diameter plus 1/4", over 6 inches = 2 times diameter plus 1/2"

Mechanical Specifications
A307-A
Length over 6 inches and diameter over 1 inch may be supplied to A307A specification.


Material
Low or Medium Carbon Steel

Size Range
1/4 to 4

Minimum Tensile Strength
60,000 psi

Rockwell Core Hardness
HRB 69-100*

* 3x dia. & longer do not have min. hardness requirements.



SAE J429-Grade 5

Material
Medium Carbon Steel
Quenched and Tempered

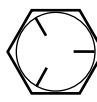
Size Range
1/4 to 1-1/2

Minimum Proof Strength
85,000 psi for 1/4 to 1
74,000 psi for 1-1/8 to 1-1/2

Minimum Tensile Strength
120,000 psi for 1/4 to 1
105,000 psi for 1-1/8 to 1-1/2

Rockwell Core Hardness
C25(min.) / C34(max) for 1/4 to 1
C19(min.) / C30(max) for 1-1/8 to 1-1/2

Minimum Yield Strength
92,000 psi for 1/4 to 1
81,000 psi for 1-1/8 to 1-1/2



SAE J429-Grade 8

Material
Medium Carbon Alloy Steel
Quenched and Tempered

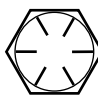
Size Range
1/4 to 1-1/2

Minimum Proof Strength
120,000 psi for 1/4 to 1-1/2

Minimum Tensile Strength
150,000 psi for 1/4 to 1-1/2

Rockwell Core Hardness
C33(min.) / C39(max) for 1/4 to 1-1/2

Minimum Yield Strength
130,000 psi for 1/4 to 1-1/2



All users of the Technical Information listed on this page are warned that such standards may be revised or withdrawn without warning. Reliance on this information for any purpose by anyone is at the sole risk of that person and Fastenal Company is not responsible for any loss, claim or damage arising therefrom.

Fasteners
For a complete product listing, visit fastenal.com or contact your local store.