

B



ALLOY STEEL

Not Plated

1960 Series

Quenched and tempered to hardness Rockwell C39-45 at the surface to #10 dia. incl.; C37-45 over #10 dia.

Threads Class 3A up to 1" dia.;

Class 2A over 1" dia.

For Hex Keys see Section 'P'.

Thread Length Chart

| Screw Dia. | Thread Lengths | |
|------------|----------------|------|
| | Min. | Max. |
| #2 | 0.62 | 0.80 |
| #3 | 0.62 | 0.83 |
| #4 | 0.75 | 0.99 |
| #5 | 0.75 | 1.00 |
| #6 | 0.75 | 1.05 |
| #8 | 0.88 | 1.19 |
| #10 | 0.88 | 1.27 |
| 1/4" | 1.00 | 1.50 |
| 5/16" | 1.12 | 1.71 |
| 3/8" | 1.25 | 1.94 |

| Screw Dia. | Thread Lengths | |
|------------|----------------|------|
| | Min. | Max. |
| 7/16" | 1.38 | 2.17 |
| 1/2" | 1.50 | 2.38 |
| 5/8" | 1.75 | 2.82 |
| 3/4" | 2.00 | 3.25 |
| 7/8" | 2.25 | 3.69 |
| 1" | 2.50 | 4.12 |
| 1-1/8" | 2.82 | 4.65 |
| 1-1/4" | 3.12 | 5.09 |
| 1-3/8" | 3.44 | 5.65 |
| 1-1/2" | 3.75 | 6.08 |

ASME/ANSI B18.3

COARSE THREAD (U.N.C.) (U.S.S.)

Chart Continues on facing page.

| DIA. | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 1/4" |
|-------|---|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| THD. | 64 | 56 | 48 | 40 | 40 | 32 | 32 | 24 | 24 | 20 |
| LGTH. | ORDER BY SPAENAUER NUMBER LISTED BELOW | | | | | | | | | |
| 3/16 | 363-465 | HX-55 | HX-59 | 363-323 | | | | | | |
| 1/4 | 363-454 | HX-56 | HX-60 | HX-63 | HX-66 | HX-71 | HX-6 | 363-473 | | 363-398 |
| 5/16 | | 363-326 | | | | | | | | |
| 3/8 | | HX-57 | HX-61 | HX-64 | HX-67 | HX-3 | HX-7 | HX-32 | | HX-81 |
| 1/2 | | HX-58 | HX-62 | HX-1 | HX-68 | HX-4 | HX-8 | HX-11 | | HX-82 |
| 5/8 | | 363-383 | | HX-65 | HX-69 | HX-72 | HX-73 | HX-74 | | HX-83 |
| 3/4 | | | | HX-2 | HX-70 | HX-5 | HX-9 | HX-12 | | HX-15 |
| 7/8 | | | | | | HX-194 | HX-196 | HX-198 | | HX-46 |
| 1 | | 363-432 | | 363-399 | 363-497 | HX-195 | HX-10 | HX-13 | | HX-16 |
| 1-1/4 | | | | | | | HX-197 | HX-41 | 363-444 | HX-17 |
| 1-1/2 | | | | | | | HX-45 | HX-42 | | HX-18 |
| 1-3/4 | | | | | | | | HX-43 | | HX-18A |
| 2 | | | | | | 363-400 | 363-390 | HX-44 | | HX-84 |
| 2-1/4 | | | | | | | | | | HX-301 |
| 2-1/2 | | | | | | | | 363-395 | | HX-85 |
| 2-3/4 | | | | | | | | | | HX-302 |
| 3 | | | | | | | | 363-321 | | HX-86 |
| 3-1/4 | | | | | | | | | | 363-452 |
| 3-1/2 | | | | | | | | 363-322 | | 363-462 |
| 3-3/4 | | | | | | | | | | 363-472 |
| 4 | | | | | | | | 363-404 | | 363-484 |
| 4-1/2 | | | | | | | | 363-412 | | 363-389 |
| 5 | | | | | | | | | | |
| 5-1/2 | | | | | | | | | | |
| 6 | | | | | | | | 363-529 | | 363-439 |
| 6-1/2 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | 363-531 |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |

For Hex Socket Cap Screws, Alloy Steel, FINE THREAD

See Pages B236 and B237.

For Holo-Krome® Hex Socket Cap Screws, Zinc Plated Alloy Steel, see pages B216 and B217.