



# AEROSPACE STANDARD

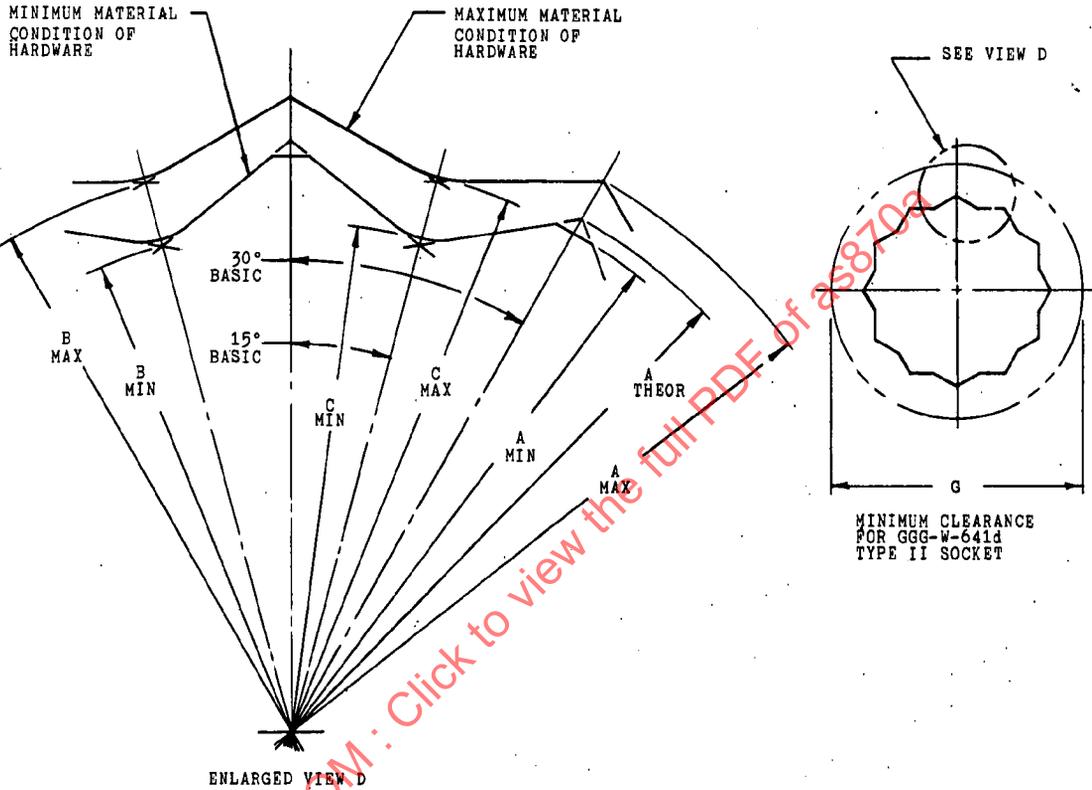
# AS 870A

SOCIETY OF AUTOMOTIVE ENGINEERS, Inc.

485 Lexington Ave., New York, N. Y. 10017

Issued 6-15-65  
Revised 3-15-66

## WRENCHING CONFIGURATION, 12-POINT THREADED FASTENERS



| NOMINAL HEAD SIZE | MAXIMUM MATERIAL CONDITION |           |           | MINIMUM MATERIAL CONDITION |           |           |           | G MIN |
|-------------------|----------------------------|-----------|-----------|----------------------------|-----------|-----------|-----------|-------|
|                   | A DIA MAX                  | B DIA MAX | C DIA MAX | A DIA THEOR                | A DIA MIN | B DIA MIN | C DIA MIN |       |
| .1875             | .218                       | .195      | .197      | .2100                      | .208      | .177      | .183      | .315  |
| .2188             | .254                       | .228      | .229      | .2460                      | .243      | .208      | .213      | .356  |
| .2500             | .290                       | .260      | .262      | .2818                      | .278      | .237      | .245      | .397  |
| .2812             | .326                       | .292      | .294      | .3175                      | .313      | .268      | .275      | .438  |
| .3125             | .361                       | .325      | .326      | .3533                      | .348      | .299      | .308      | .478  |
| .3750             | .434                       | .389      | .392      | .4261                      | .420      | .359      | .370      | .559  |
| .4375             | .507                       | .454      | .458      | .4977                      | .491      | .419      | .431      | .683  |
| .5000             | .580                       | .520      | .524      | .5693                      | .562      | .481      | .494      | .751  |
| .5625             | .651                       | .585      | .588      | .6420                      | .633      | .541      | .556      | .814  |
| .6250             | .724                       | .649      | .654      | .7136                      | .704      | .602      | .619      | .892  |
| .6875             | .797                       | .714      | .720      | .7852                      | .774      | .664      | .681      | .968  |
| .7500             | .868                       | .778      | .784      | .8568                      | .845      | .724      | .743      | 1.055 |
|                   |                            |           |           |                            |           |           |           |       |
|                   |                            |           |           |                            |           |           |           |       |

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