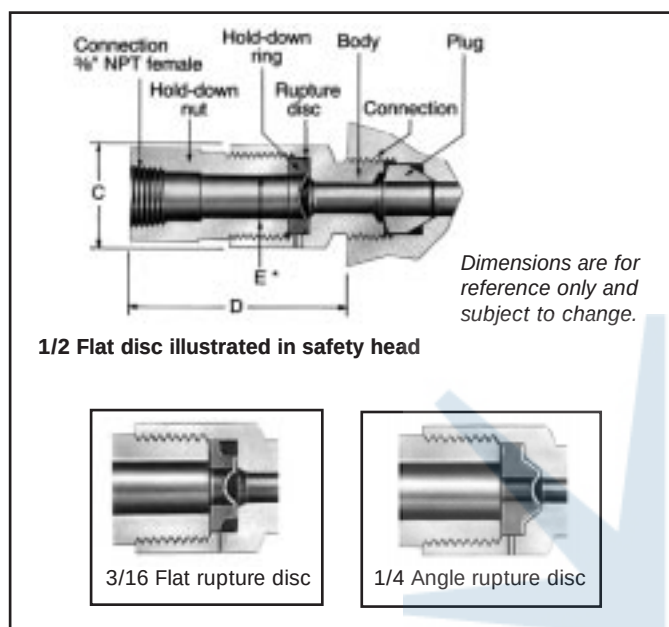


# UNIVERSAL SAFETY HEADS PRESSURES TO 60,000 PSI

## Ordering Information

To order an AE Universal Safety Head, specify by catalogue order number from table. ADD THE SIZE OF THE RUPTURE DISC YOU INTEND TO USE AS A SUFFIX TO THE CATALOGUE NUMBER; SUCH AS CS6600-1/4A.



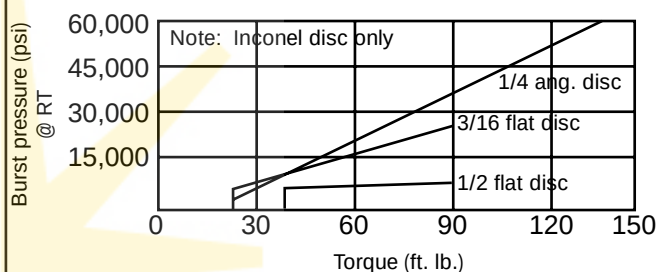
## Hold-down nut torque values

| Torque @<br>min. pressure<br>(Ft. lb.) | Torque @<br>max. pressure<br>(psi) | Torque @<br>min. pressure<br>(Ft. lb.) | Torque @<br>max. pressure<br>(psi) | Rupture<br>disc<br>(inches) | Hold-down<br>ring<br>(inches) |
|----------------------------------------|------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-------------------------------|
| 20                                     | 5,000                              | 90                                     | 26,500                             | 3/16 flat <sup>†</sup>      | 101A-0439                     |
| 40                                     | 4,000                              | 90                                     | 10,000                             | 1/2 flat                    | 1020-7434                     |
| 20                                     | 4,000                              | 140                                    | 60,000                             | 1/4 angle                   | 102A-0439                     |

<sup>†</sup> 3/16 flat seat disc cannot be used with safety head assemblies SS6600, SS8600 and CSX9600.

Torque values for intermediate pressures may be linearly interpolated.  
Use minimum torque value for pressures lower than those shown.

## Hold-down nut torque requirements vs. rupture disc burst pressure rating @ RT



## HIGH PRESSURE

| Catalog Number Without Disc | Body P/N  | Plug P/N  | Hold-down Gland P/N         | Fits Connec. Type | Fitting M.A.W.P. (psi) | Body Torque (ft. lb.) | Plug Orifice (inches) | Body Orifice (inches) | Rupture Disc Size (inches) |              |              | Dimensions (inches) |      |
|-----------------------------|-----------|-----------|-----------------------------|-------------------|------------------------|-----------------------|-----------------------|-----------------------|----------------------------|--------------|--------------|---------------------|------|
|                             |           |           |                             |                   |                        |                       |                       |                       | 3/16F Port E*              | 1/4A Port E* | 1/2F Port E* | C                   | D    |
| CS4600                      | 2010-7036 | 1030-4877 | 3/16 and 1/2 flat 1040-7434 | F250C             | 60,000                 | 20                    | 0.082                 | 0.125                 | 0.188                      | 0.25         | 0.50         | 1.00                | 2.25 |
| CS6600                      | 2020-7036 | 1030-6096 |                             | F375C             | 60,000                 | 40                    | 0.125                 | 0.219                 | 0.188                      | 0.25         | 0.50         | 1.00                | 2.25 |
| CS9600                      | 2030-7036 | 1030-6097 |                             | F562C             | 60,000                 | 80                    | 0.188                 | 0.281                 | 0.188                      | 0.25         | 0.50         | 1.19                | 2.25 |
| 40CS9600                    | 2030-7036 | 101C-7192 | 1/4 angle 1030-0241         | F562C40           | 40,000                 | 80                    | 0.250                 | 0.281                 | NA                         | 0.25         | 0.50         | 1.19                | 2.25 |

\*Port "E" - Minimum disc blow-out diameter.

Note: Interchangeable hold-down rings permit use of several different sizes and types of rupture disc in a single safety head. Series SS, CS and CSX-1/4, 3/8 and 9/16 have stainless steel hold-down gland with tool steel hold-down ring.

**BACK TO**

All general terms and conditions of sale, including limitations of our liability, apply to all products and services sold.

**CATALOGUE**