

# AFS 90 SRE U (3000 / 6000 PSI)

Brida de soldadura SAE, ángulo de 90°

**HANSA FLEX**

## Características

|                                    |   |
|------------------------------------|---|
| <b>Norma</b>                       | SAE J 518 C<br>ISO 6162                   |
| <b>Forma constructiva</b>          | Ángulo de 90°                             |
| <b>Construcción</b>                | Brida de soldadura SAE                    |
| <b>Fijación</b>                    | Taladro para tornillo                     |
| <b>Volumen de suministro</b>       | con juego de tornillos UNC y junta tórica |
| <b>Material</b>                    | S355J2G3 (ST52.3)                         |
| <b>Protección de la superficie</b> | negro lubricado                           |



## Nota

La presión de servicio máxima indicada se refiere a la brida. La presión de servicio efectiva la determina el espesor de pared y la calidad del tubo.

## Artículo

| Denominación        | Serie de presión | PB 10.9 (bar) | Tamaño constructivo | Tubo       | A    | B1   | B2   | C    | D     | E    | F1   | F2   | H    | S1   | S2   | L    | Tornillos              |
|---------------------|------------------|---------------|---------------------|------------|------|------|------|------|-------|------|------|------|------|------|------|------|------------------------|
|                     |                  |               |                     |            | (mm) | (mm) | (mm) | (mm) | (mm)  | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |                        |
| AFS 80/90 SRE 20 U  | 6000 PSI         | 250           | 1/2"                | 20 x 3     | 20   | 14   | 13   | 38,1 | 54,0  | 17,5 | 60   | 48   | 16   | 20   | 37   | 9,0  | (4 x) UNC 5/16 x 1.1/4 |
| AFS 80/90 SRE 22 U  | 6000 PSI         | 160           | 1/2"                | 22 x 2     | 22   | 18   | 13   | 38,1 | 54,0  | 17,5 | 60   | 48   | 16   | 20   | 37   | 9,0  | (4 x) UNC 5/16 x 1.1/4 |
| AFS 80/90 SRE 25 U  | 6000 PSI         | 250           | 1/2"                | 25 x 3     | 25   | 19   | 13   | 38,1 | 54,0  | 17,5 | 60   | 48   | 16   | 20   | 37   | 9,0  | (4 x) UNC 5/16 x 1.1/4 |
| AFS 80/90 SRE 28 U  | 6000 PSI         | 160           | 1/2"                | 28 x 3     | 28   | 22   | 13   | 38,1 | 54,0  | 17,5 | 60   | 48   | 16   | 20   | 37   | 9,0  | (4 x) UNC 5/16 x 1.1/4 |
| AFS 100/90 SRE 25 U | 6000 PSI         | 250           | 3/4"                | 25 x 3     | 25   | 19   | 19   | 47,6 | 65,0  | 22,3 | 63   | 50   | 18   | 24   | 38   | 11,0 | (4 x) UNC 3/8 x 1.1/2  |
| AFS 100/90 SRE 28 U | 6000 PSI         | 160           | 3/4"                | 28 x 3     | 28   | 22   | 19   | 47,6 | 65,0  | 22,3 | 63   | 50   | 18   | 24   | 38   | 11,0 | (4 x) UNC 3/8 x 1.1/2  |
| AFS 100/90 SRE 30 U | 6000 PSI         | 250           | 3/4"                | 30 x 4     | 30   | 22   | 19   | 47,6 | 65,0  | 22,3 | 63   | 50   | 18   | 24   | 38   | 11,0 | (4 x) UNC 3/8 x 1.1/2  |
| AFS 100/90 SRE 35 U | 6000 PSI         | 160           | 3/4"                | 35 x 4     | 35   | 27   | 19   | 47,6 | 65,0  | 22,3 | 63   | 50   | 18   | 24   | 38   | 11,0 | (4 x) UNC 3/8 x 1.1/2  |
| AFS 102/90 SRE 30 U | 6000 PSI         | 250           | 1"                  | 30 x 4     | 30   | 22   | 25   | 52,4 | 70,0  | 26,2 | 70   | 60   | 19   | 28   | 43   | 11,0 | (4 x) UNC 3/8 x 1.1/2  |
| AFS 102/90 SRE 35 U | 6000 PSI         | 160           | 1"                  | 35 x 4     | 35   | 27   | 25   | 52,4 | 70,0  | 26,2 | 70   | 60   | 19   | 28   | 43   | 11,0 | (4 x) UNC 3/8 x 1.1/2  |
| AFS 102/90 SRE 38 U | 6000 PSI         | 250           | 1"                  | 38 x 4     | 38   | 30   | 25   | 52,4 | 70,0  | 26,2 | 70   | 60   | 19   | 28   | 43   | 11,0 | (4 x) UNC 3/8 x 1.1/2  |
| AFS 102/90 SRE 42 U | 6000 PSI         | 160           | 1"                  | 42 x 3     | 42   | 36   | 25   | 52,4 | 70,0  | 26,2 | 70   | 60   | 19   | 28   | 43   | 11,0 | (4 x) UNC 3/8 x 1.1/2  |
| AFS 104/90 SRE 38 U | 6000 PSI         | 250           | 1.1/4"              | 38 x 4     | 38   | 30   | 32   | 58,7 | 79,0  | 30,2 | 85   | 68   | 21   | 34   | 51   | 11,5 | (4 x) UNC 7/16 x 1.1/2 |
| AFS 104/90 SRE 42 U | 6000 PSI         | 160           | 1.1/4"              | 42 x 3     | 42   | 36   | 32   | 58,7 | 79,0  | 30,2 | 85   | 68   | 21   | 34   | 51   | 11,5 | (4 x) UNC 7/16 x 1.1/2 |
| AFS 104/90 SRE 48 U | 6000 PSI         | 160           | 1.1/4"              | 48,3 x 4,5 | 49   | 39   | 32   | 58,7 | 79,0  | 30,2 | 85   | 68   | 21   | 34   | 51   | 11,5 | (4 x) UNC 7/16 x 1.1/2 |
| AFS 106/90 SRE 38 U | 6000 PSI         | 210           | 1.1/2"              | 38 x 4     | 38   | 30   | 38   | 69,9 | 93,0  | 35,7 | 95   | 78   | 25   | 38   | 56   | 13,5 | (4 x) UNC 1/2 x 1.3/4  |
| AFS 106/90 SRE 42 U | 6000 PSI         | 160           | 1.1/2"              | 42 x 3     | 42   | 36   | 38   | 69,9 | 93,0  | 35,7 | 95   | 78   | 25   | 38   | 56   | 13,5 | (4 x) UNC 1/2 x 1.3/4  |
| AFS 106/90 SRE 48 U | 6000 PSI         | 160           | 1.1/2"              | 48,3 x 4,5 | 49   | 39   | 38   | 69,9 | 93,0  | 35,7 | 95   | 78   | 25   | 38   | 56   | 13,5 | (4 x) UNC 1/2 x 1.3/4  |
| AFS 108/90 SRE 60 U | 6000 PSI         | 200           | 2"                  | 60,3 x 5,6 | 61   | 49   | 51   | 77,8 | 110,0 | 42,9 | 110  | 90   | 25   | 42   | 65   | 13,5 | (4 x) UNC 1/2 x 1.3/4  |
| AFS 108/90 SRE 76 U | 6000 PSI         | 200           | 2"                  | 76,1 x 7,1 | 77   | 62   | 51   | 77,8 | 110,0 | 42,9 | 110  | 90   | 25   | 42   | 65   | 13,5 | (4 x) UNC 1/2 x 1.3/4  |
| AFS 401/90 SRE 20 U | 6000 PSI         | 315           | 1/2"                | 20 x 3     | 20   | 14   | 13   | 40,5 | 56,4  | 18,2 | 60   | 48   | 16   | 20   | 37   | 9,0  | (4 x) UNC 5/16 x 1.1/4 |
| AFS 401/90 SRE 25 U | 6000 PSI         | 315           | 1/2"                | 25 x 4     | 25   | 17   | 13   | 40,5 | 56,4  | 18,2 | 60   | 48   | 16   | 20   | 37   | 9,0  | (4 x) UNC 5/16 x 1.1/4 |
| AFS 402/90 SRE 25 U | 6000 PSI         | 315           | 3/4"                | 25 x 4     | 25   | 17   | 19   | 50,8 | 71,3  | 23,8 | 70   | 60   | 19   | 28   | 43   | 11,0 | (4 x) UNC 3/8 x 1.1/2  |
| AFS 402/90 SRE 30 U | 6000 PSI         | 315           | 3/4"                | 30 x 4     | 30   | 22   | 19   | 50,8 | 71,3  | 23,8 | 70   | 60   | 19   | 28   | 43   | 11,0 | (4 x) UNC 3/8 x 1.1/2  |
| AFS 403/90 SRE 30 U | 6000 PSI         | 315           | 1"                  | 30 x 4     | 30   | 22   | 25   | 57,2 | 81,0  | 27,8 | 85   | 70   | 21   | 34   | 51   | 13,0 | (4 x) UNC 7/16 x 1.1/2 |
| AFS 403/90 SRE 38 U | 6000 PSI         | 315           | 1"                  | 38 x 5     | 38   | 28   | 25   | 57,2 | 81,0  | 27,8 | 85   | 70   | 21   | 34   | 51   | 13,0 | (4 x) UNC 7/16 x 1.1/2 |
| AFS 404/90 SRE 38 U | 6000 PSI         | 315           | 1.1/4"              | 38 x 5     | 38   | 28   | 32   | 66,6 | 95,2  | 31,8 | 95   | 78   | 25   | 38   | 56   | 13,5 | (4 x) UNC 1/2 x 1.3/4  |
| AFS 404/90 SRE 48 U | 6000 PSI         | 315           | 1.1/4"              | 48,3 x 8   | 49   | 32   | 32   | 66,6 | 95,2  | 31,8 | 95   | 78   | 25   | 38   | 56   | 13,5 | (4 x) UNC 1/2 x 1.3/4  |
| AFS 405/90 SRE 38 U | 6000 PSI         | 315           | 1.1/2"              | 38 x 5     | 38   | 28   | 38   | 79,3 | 112,8 | 36,5 | 110  | 94   | 25   | 42   | 65   | 17,0 | (4 x) UNC 5/8 x 2      |
| AFS 405/90 SRE 48 U | 6000 PSI         | 315           | 1.1/2"              | 48,3 x 8   | 49   | 32   | 38   | 79,3 | 112,8 | 36,5 | 110  | 94   | 25   | 42   | 65   | 17,0 | (4 x) UNC 5/8 x 2      |
| AFS 405/90 SRE 60 U | 6000 PSI         | 315           | 1.1/2"              | 60,3 x 10  | 61   | 40   | 38   | 79,3 | 112,8 | 36,5 | 110  | 94   | 25   | 42   | 65   | 17,0 | (4 x) UNC 5/8 x 2      |

PN = presión nominal PB = presión de servicio máx.

## Variantes de producto

|                                       |   |
|---------------------------------------|---|
| <b>AFS 90 SRE (3000 PSI)</b>          | Brida de soldadura SAE, ángulo de 90°, sólo brida                                     |
| <b>AFS 90 SRE M (3000 / 6000 PSI)</b> | Brida de soldadura SAE, ángulo de 90°, con juego de tornillos métricos y junta tórica |