

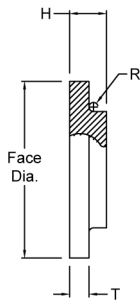
Stub Ends

IPS Stub Ends (SDR 7 - 335 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.50 | 2.50 | 17.50 | 1/2 | 45 |
| 16 | | 5.00 | 1.94 | 20.00 | 1/2 | 64 |
| 18 | | 5.10 | 3.21 | 21.12 | 1/2 | 68 |
| 20 | | 5.30 | 3.57 | 23.50 | 1/2 | 77 |

IPS Stub Ends (SDR 9 - 250 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.30 | 1.94 | 17.50 | 1/2 | 38 |
| 16 | | 4.50 | 2.22 | 20.00 | 1/2 | 53 |
| 18 | | 4.50 | 2.50 | 21.12 | 1/2 | 57 |
| 20 | | 4.50 | 2.78 | 23.50 | 1/2 | 64 |
| 22 | | 4.60 | 3.06 | 25.60 | 1/2 | 75 |
| 24 | | 4.60 | 3.33 | 28.00 | 1/2 | 88 |
| 26 | | 5.50 | 3.61 | 30.00 | 1/2 | 44 |
| 28 | | 5.80 | 3.89 | 32.30 | 1/2 | 53 |
| 30 | | 4.17 | 4.17 | 34.30 | 1/2 | 64 |

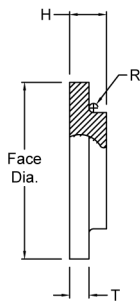


IPS Stub Ends (SDR 11 - 200 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.60 | 17.50 | 1/2 | 32 |
| 16 | | 4.00 | 1.82 | 20.00 | 1/2 | 44 |
| 18 | | 4.00 | 2.05 | 21.12 | 1/2 | 48 |
| 20 | | 4.00 | 2.27 | 23.50 | 1/2 | 53 |
| 22 | | 4.00 | 2.50 | 25.60 | 1/2 | 62 |
| 24 | | 4.00 | 2.73 | 28.00 | 1/2 | 74 |
| 26 | | 4.00 | 2.96 | 30.00 | 1/2 | 36 |
| 28 | | 4.80 | 3.18 | 32.30 | 1/2 | 44 |
| 30 | | 5.00 | 3.41 | 34.30 | 1/2 | 53 |
| 32 | | 5.30 | 3.64 | 36.50 | 1/2 | 61 |
| 34 | | 4.90 | 4.72 | 38.50 | 1/2 | 71 |
| 36 | | 5.40 | 4.09 | 40.80 | 1/2 | 80 |

IPS Stub Ends (SDR 13.5 - 160 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.60 | 17.50 | 1/2 | 32 |
| 16 | | 4.00 | 1.82 | 20.00 | 1/2 | 44 |
| 18 | | 4.00 | 2.05 | 21.12 | 1/2 | 48 |
| 20 | | 4.00 | 2.27 | 23.50 | 1/2 | 53 |
| 22 | | 4.00 | 2.50 | 25.60 | 1/2 | 62 |
| 24 | | 4.00 | 2.73 | 28.00 | 1/2 | 74 |
| 26 | | 4.00 | 2.96 | 30.00 | 1/2 | 36 |
| 28 | | 4.80 | 3.18 | 32.30 | 1/2 | 44 |
| 30 | | 5.00 | 3.41 | 34.30 | 1/2 | 53 |
| 32 | | 5.30 | 3.64 | 36.50 | 1/2 | 61 |
| 34 | | 4.90 | 4.72 | 38.50 | 1/2 | 71 |
| 36 | | 5.40 | 4.09 | 40.80 | 1/2 | 80 |
| 42 | | 5.30 | 3.89 | 47.50 | 1/2 | 98 |

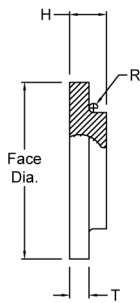


IPS Stub Ends (SDR 17 - 130 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.60 | 17.50 | 1/2 | 32 |
| 16 | | 4.00 | 1.82 | 20.00 | 1/2 | 44 |
| 18 | | 4.00 | 2.05 | 21.12 | 1/2 | 48 |
| 20 | | 4.00 | 2.27 | 23.50 | 1/2 | 53 |
| 22 | | 4.00 | 2.50 | 25.60 | 1/2 | 62 |
| 24 | | 4.00 | 2.73 | 28.00 | 1/2 | 74 |
| 26 | | 4.00 | 2.96 | 30.00 | 1/2 | 36 |
| 28 | | 4.80 | 3.18 | 32.30 | 1/2 | 44 |
| 30 | | 5.00 | 3.41 | 34.30 | 1/2 | 53 |
| 32 | | 5.30 | 2.35 | 36.50 | 1/2 | 51 |
| 34 | | 4.90 | 3.86 | 38.50 | 1/2 | 59 |
| 36 | | 5.40 | 2.64 | 40.80 | 1/2 | 67 |
| 42 | | 5.30 | 3.09 | 47.50 | 1/2 | 82 |
| 48 | | 5.70 | 3.53 | 54.00 | 3/4 | 124 |
| 54 | | 5.90 | 4.00 | 60.00 | 3/4 | 218 |

IPS Stub Ends (SDR 19 - 110 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.60 | 17.50 | 1/2 | 32 |
| 16 | | 4.00 | 1.82 | 20.00 | 1/2 | 44 |
| 18 | | 4.00 | 2.05 | 21.12 | 1/2 | 48 |
| 20 | | 4.00 | 2.27 | 23.50 | 1/2 | 53 |
| 22 | | 4.00 | 2.50 | 25.60 | 1/2 | 62 |
| 24 | | 4.00 | 2.73 | 28.00 | 1/2 | 74 |
| 26 | | 4.00 | 2.96 | 30.00 | 1/2 | 36 |
| 28 | | 4.80 | 3.18 | 32.30 | 1/2 | 44 |
| 30 | | 5.00 | 3.41 | 34.30 | 1/2 | 53 |
| 32 | | 5.30 | 2.35 | 36.50 | 1/2 | 51 |
| 34 | | 4.90 | 3.86 | 38.50 | 1/2 | 59 |
| 36 | | 5.40 | 2.64 | 40.80 | 1/2 | 67 |
| 42 | | 5.30 | 3.09 | 47.50 | 1/2 | 82 |
| 48 | | 5.70 | 3.53 | 54.00 | 3/4 | 124 |
| 54 | | 5.90 | 4.00 | 60.00 | 3/4 | 218 |



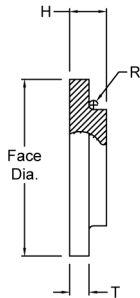
IPS Stub Ends (SDR 21 - 100 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.60 | 17.50 | 1/2 | 32 |
| 16 | | 4.00 | 1.82 | 20.00 | 1/2 | 44 |
| 18 | | 4.00 | 2.05 | 21.12 | 1/2 | 48 |
| 20 | | 4.00 | 2.27 | 23.50 | 1/2 | 53 |
| 22 | | 4.00 | 2.50 | 25.60 | 1/2 | 62 |
| 24 | | 4.00 | 2.73 | 28.00 | 1/2 | 74 |
| 26 | | 4.00 | 2.96 | 30.00 | 1/2 | 36 |
| 28 | | 4.80 | 3.18 | 32.30 | 1/2 | 44 |
| 30 | | 5.00 | 3.41 | 34.30 | 1/2 | 53 |
| 32 | | 5.30 | 2.35 | 36.50 | 1/2 | 51 |
| 34 | | 4.90 | 3.86 | 38.50 | 1/2 | 59 |
| 36 | | 5.40 | 2.64 | 40.80 | 1/2 | 67 |
| 42 | | 4.50 | 2.50 | 47.50 | 1/2 | 66 |
| 48 | | 5.00 | 2.86 | 54.00 | 3/4 | 104 |
| 54 | | 5.10 | 3.21 | 60.00 | 3/4 | 182 |

IPS Stub Ends (SDR 26 - 80 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.60 | 17.50 | 1/2 | 32 |
| 16 | | 4.00 | 1.82 | 20.00 | 1/2 | 44 |
| 18 | | 4.00 | 2.05 | 21.12 | 1/2 | 48 |
| 20 | | 4.00 | 2.27 | 23.50 | 1/2 | 53 |
| 22 | | 4.00 | 2.50 | 25.60 | 1/2 | 62 |
| 24 | | 4.00 | 2.73 | 28.00 | 1/2 | 74 |
| 26 | | 4.00 | 2.96 | 30.00 | 1/2 | 36 |
| 28 | | 4.80 | 3.18 | 32.30 | 1/2 | 44 |
| 30 | | 5.00 | 3.41 | 34.30 | 1/2 | 53 |
| 32 | | 5.30 | 2.35 | 36.50 | 1/2 | 51 |
| 34 | | 4.90 | 3.86 | 38.50 | 1/2 | 59 |
| 36 | | 5.40 | 2.64 | 40.80 | 1/2 | 67 |
| 42 | | 4.50 | 2.50 | 47.50 | 1/2 | 66 |
| 48 | | 4.50 | 2.31 | 54.00 | 3/4 | 87 |
| 54 | | 4.50 | 2.60 | 60.00 | 3/4 | 152 |

IPS Stub Ends (SDR 32.5 - 65 psi)



| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.60 | 17.50 | 1/2 | 32 |
| 16 | | 4.00 | 1.82 | 20.00 | 1/2 | 44 |
| 18 | | 4.00 | 2.05 | 21.12 | 1/2 | 48 |
| 20 | | 4.00 | 2.27 | 23.50 | 1/2 | 53 |
| 22 | | 4.00 | 2.50 | 25.60 | 1/2 | 62 |
| 24 | | 4.00 | 2.73 | 28.00 | 1/2 | 74 |
| 26 | | 4.00 | 2.96 | 30.00 | 1/2 | 36 |
| 28 | | 4.80 | 3.18 | 32.30 | 1/2 | 44 |
| 30 | | 5.00 | 3.41 | 34.30 | 1/2 | 53 |
| 32 | | 5.30 | 2.35 | 36.50 | 1/2 | 51 |
| 34 | | 4.90 | 3.86 | 38.50 | 1/2 | 59 |
| 36 | | 5.40 | 2.64 | 40.80 | 1/2 | 67 |
| 42 | | 4.50 | 2.50 | 47.50 | 1/2 | 66 |
| 48 | | 4.50 | 2.31 | 54.00 | 3/4 | 87 |
| 54 | | 4.50 | 2.60 | 60.00 | 3/4 | 152 |

DIPS Stub Ends (SDR 9 - 250 psi)

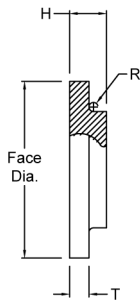
| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 2.13 | 17.50 | 7/16 | 22 |
| 16 | | 4.00 | 2.42 | 20.00 | 7/16 | 29 |
| 18 | | 4.00 | 2.71 | 21.50 | 7/16 | 32 |
| 20 | | 4.00 | 3.00 | 23.60 | 7/16 | 29 |
| 24 | | 4.50 | 3.58 | 27.80 | 7/16 | 55 |

DIPS Stub Ends (SDR 11 - 200 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.74 | 17.50 | 7/16 | 18 |
| 16 | | 4.00 | 1.98 | 20.00 | 7/16 | 24 |
| 18 | | 4.00 | 2.22 | 21.12 | 7/16 | 27 |
| 20 | | 4.00 | 2.46 | 23.50 | 7/16 | 33 |
| 24 | | 4.00 | 2.93 | 28.00 | 7/16 | 46 |
| 30 | | 5.00 | 3.64 | 34.30 | 1/2 | 110 |

DIPS Stub Ends (SDR 13.5 - 160 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.74 | 17.50 | 7/16 | 18 |
| 16 | | 4.00 | 1.98 | 20.00 | 7/16 | 24 |
| 18 | | 4.00 | 2.22 | 21.12 | 7/16 | 27 |
| 20 | | 4.00 | 2.46 | 23.50 | 7/16 | 33 |
| 24 | | 4.00 | 2.93 | 28.00 | 7/16 | 46 |
| 30 | | 5.00 | 3.64 | 34.30 | 1/2 | 110 |

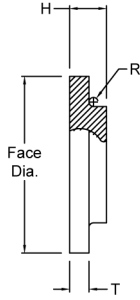


DIPS Stub Ends (SDR 17 - 130 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.74 | 17.50 | 7/16 | 18 |
| 16 | | 4.00 | 1.98 | 20.00 | 7/16 | 24 |
| 18 | | 4.00 | 2.22 | 21.12 | 7/16 | 27 |
| 20 | | 4.00 | 2.46 | 23.50 | 7/16 | 33 |
| 24 | | 4.00 | 2.93 | 28.00 | 7/16 | 46 |
| 30 | | 5.00 | 3.64 | 34.30 | 1/2 | 110 |

DIPS Stub Ends (SDR 19 - 110 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.74 | 17.50 | 7/16 | 18 |
| 16 | | 4.00 | 1.98 | 20.00 | 7/16 | 24 |
| 18 | | 4.00 | 2.22 | 21.12 | 7/16 | 27 |
| 20 | | 4.00 | 2.46 | 23.50 | 7/16 | 33 |
| 24 | | 4.00 | 2.93 | 28.00 | 7/16 | 46 |
| 30 | | 5.00 | 3.64 | 34.30 | 1/2 | 110 |



DIPS Stub Ends (SDR 21 - 100 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.74 | 17.50 | 7/16 | 18 |
| 16 | | 4.00 | 1.98 | 20.00 | 7/16 | 24 |
| 18 | | 4.00 | 2.22 | 21.12 | 7/16 | 27 |
| 20 | | 4.00 | 2.46 | 23.50 | 7/16 | 33 |
| 24 | | 4.00 | 2.93 | 28.00 | 7/16 | 46 |
| 30 | | 5.00 | 3.64 | 34.30 | 1/2 | 110 |

DIPS Stub Ends (SDR 26 - 80 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.74 | 17.50 | 7/16 | 18 |
| 16 | | 4.00 | 1.98 | 20.00 | 7/16 | 24 |
| 18 | | 4.00 | 2.22 | 21.12 | 7/16 | 27 |
| 20 | | 4.00 | 2.46 | 23.50 | 7/16 | 33 |
| 24 | | 4.00 | 2.93 | 28.00 | 7/16 | 46 |
| 30 | | 5.00 | 3.64 | 34.30 | 1/2 | 110 |

DIPS Stub Ends (SDR 32.5 - 65 psi)

| Size [inch] | Part No. | H [inch] | T [inch] | Face Dia. [inch] | R (Radius) | Weight [lbs] |
|-------------|----------|----------|----------|------------------|------------|--------------|
| 14 | | 4.00 | 1.74 | 17.50 | 7/16 | 18 |
| 16 | | 4.00 | 1.98 | 20.00 | 7/16 | 24 |
| 18 | | 4.00 | 2.22 | 21.12 | 7/16 | 27 |
| 20 | | 4.00 | 2.46 | 23.50 | 7/16 | 33 |
| 24 | | 4.00 | 2.93 | 28.00 | 7/16 | 46 |
| 30 | | 5.00 | 3.64 | 34.30 | 1/2 | 110 |