

# ANCHOR SELECTION WORKSHEET

## (PIPE, ANGLE, BEAM WIDTH, AND CHANNEL SIZING CHART)

CONNECTION PARAMETERS	Required Beam Section Modulus Must Be	Required Pipe Diameter (in.)	Required Angle (in.)	Required Beam Width (in.)	Required Channel Size (in.)
5,000-lb load to the midpoint of bracing spanning less than 5 feet	Greater than 3	Greater than 4 in., Schedule 40	Greater than 6 in. x 6 in. x 3/8 in.	Greater than 4 in. x 13 in.	Greater than 6 in.
5,000 lb load to the midpoint of bracing spanning more than 5 feet and less than 10 feet	Greater than 6.5	Greater than 6 in., Schedule 40	No angles	Greater than 6 in.	Greater than 6 in.
1,000-lb load to the midpoint of bracing spanning less than 5 feet		Greater than 2.375 in., Schedule 40	Greater than 3 in. x 3 in. x 3/8 in.	Greater than or equal to 4 in. x 13 in.	Greater than or equal to 3 in.
Connecting a 3,000-lb load at midpoint of bracing spanning less than 5 feet		Greater than 3.5000 in., Schedule 40	Greater than 6 in. x 4 in. x 1/2 in.	Greater than or equal to 4 in. x 13 in.	Greater than or equal to 4 in.
Connecting a 1,000-lb load at midpoint of bracing spanning more than 5 feet, but less than 10 feet		Greater than 3.5000 in., Schedule 40	Greater than 4 in. x 4 in. x 3/8 in.	Greater than or equal to 4 in. x 13 in.	Greater than or equal to 4 in.
Connecting a 3,000-lb load at midpoint of bracing spanning more than 5 feet, but less than 10 feet		Greater than 4.500 in., Schedule 80 or 5.625 in., Schedule 40	No angles	Greater than or equal to 4 in. x 13 in.	Greater than or equal to 6 in.