



The American Welding Society (AWS D 1.4) sets out the practices for welding rebar in the U.S. Without special consideration, the only rebar that is ready to weld is W grade (Low-alloy — A706). Rebar that is not produced to the ASTM A706 specification is generally not suitable for welding without calculating the "carbon-equivalent."

Material with a carbon-equivalent of less than 0.55 can be welded. (AWS D1.4)

QUANTITY:

DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY

MATERIAL CONFORMANCE:

New Billet—Intermediate Grade
Minimum Yield Strength 60,000 lbs. psi
Minimum Tensile Strength 90,000 lbs. psi
Grade 60

ASTM Standards

Weldable: ASTM A706/A706M
Plain Steel: ASTM A615/A615M
Epoxy Coated: ASTM A775/A775M
Hot Dip Galvanized: ASTM A767/A767M

FINISHES:

☐ **Weldable**

Bar Number:

☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9

☐ 10 ☐ 11 ☐ 14 ☐ 18

Bar Number:

☐ 1/4" ☐ 3/8" ☐ 1/2" ☐ 5/8" ☐ 3/4" ☐ 7/8"

☐ 1" ☐ 1.13" ☐ 1.27" ☐ 1.41" ☐ 1.69" ☐ 2.26"

PROJECT NAME:

LOCATION:

NOTES:

CONTACT INFO

Name :

Company:

Phone:

FAX:

Email:

The appropriate selection and use of any product contained herein must be determined by competent architects, engineers and other professionals who are familiar with the specific requirements of the project.