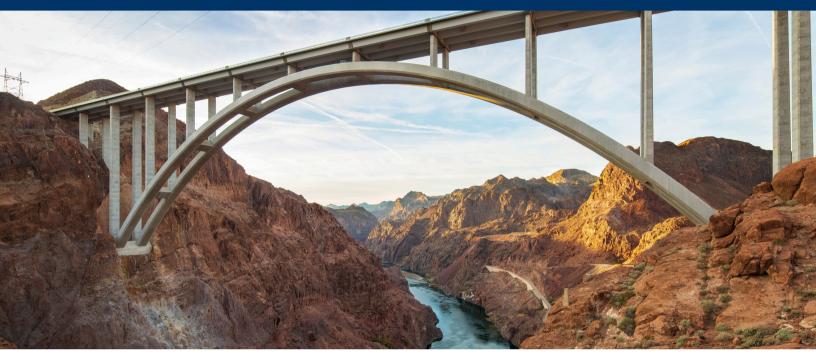


Gerdau A722 Bars Stretched & Stress Relieved



Mike O'Callaghan-Pat Tillman Memorial Bridge, utilizing Gerdau A722 bars for ground anchoring.

A722 Type 1 (Plain) Bars & Type II (Deformed) Bars Applications:

- Construction & post-tensioning, commonly for repair & strengthening projects, or at joints between concrete & steel structures.
- Wind tower anchoring bolts.

Advantages:

- Fully compliant to ASTM A722 specification, a recognized international standard.
 Gerdau is North America's ONLY producer of true A722.
- Superior quality assurance. Each bar is proof-tested.
- Lower stress relaxation than comparable Quench & Temper Products.
- Longer lengths available compared to Quench & Temper Products.
- Shorter lead times due to complete Gerdau supply chain.



sales@gerdau.com 800-237-0230



Gerdau A722 bars utilized as anchor bolts in wind turbine foundations.

Gerdau Midlothian Steel Processing (GMSP) produces both A722 Type I and Type II, in multiple sizes and lengths. Gerdau hot rolled bars are subjected to cold-stressing to 80% ultimate tensile strength, and stress relieved.

Gerdau Midlothian Steel Processing – Size and Length Capabilities				
Туре І	Type II	Available Lengths ^{2,3}		
Nominal Sizes, inches ^{1,2}	Nominal Sizes, mm ^{1,2}	Available Lengths		
1.080	26			
1.316	32	Available lengths are from		
1.473	36	30 to 65 feet.		
1.842 / 1.867	46			

1. Inquire on sizes not listed.

2. Dimensional and length tolerances are according to ASTM A29.

3. Short bar(s) due to testing are included in the bundle(s).

A722 – Mechanical Properties				
	Tensile Strength	Yield Strength	Elongation	
Туре I	Minimum of 150 ksi (1,035 MPa)	85% of the minimum tensile strength 127.5 ksi (880 MPa)	4.0% minimum in a gage length equal to 20 bar diameters, or 7.0%	
Type II		80% of the minimum tensile strength 120 ksi (828 MPa)	minimum in a gage length equal to 10 bar diameters	

