

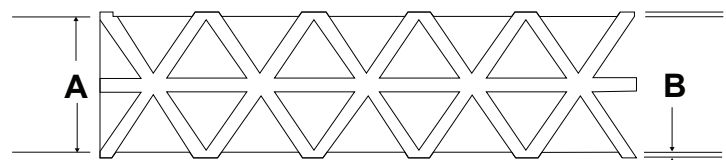
GERDAU JUMBO 75S™

More Steel for a Better Thread

High Strength Anchor Bolt Material

GERDAU JUMBO 75S™ BENEFITS:

- Reduced fabrication costs
- Eliminates need to fabricate a hook
- Easier to machine than quench and tempered bolt material
- Rounder, heavier bar
- Flat spots in threaded area of bolt virtually eliminated
- Heat treated for toughness that is superior to standard rebar chemistries at all temperatures
- Certified to ASTM A615 / A615M chemical, dimensional, marking and mechanical requirements



Bar Body Diameter (A) Deformation Height (B)

Deformed Rebar Size	Bar Body Diameter (A)	Deformation Height (B)	Fabricated Thread Size ^(a)
#18J	2.214" minimum	0.102" minimum	2.250" x 4-1/2
#14J	1.717" minimum	0.085" minimum	1.750" x 5

(a) Bolt Diameter x Threads/in.



Gerdau.com/northamerica

GERDAU JUMBO 75S™

With **Gerdau JUMBO 75S™ High Strength Anchor Bolt**, Gerdau has met the utility industry's need for a high strength, easy to use anchor bolt material. GERDAU JUMBO 75S™ is heat-treated, giving the bars added ductility and toughness. During a special rolling process, dimensions are controlled to produce a bar that's rounder and heavier than standard #18 and #14 ASTM A615 rebar.



GERDAU JUMBO 75S™ MECHANICAL PROPERTIES^(b)

Deformed Rebar Size	Nominal Wt. / Ft.	Min. Charpy ^(c) V-Notch @ -20°F	Minimum Yield Strength	Minimum Tensile Strength	Minimum Elongation ^(d)	Bend Test 9d Pin
#18J	14.63 lbs	15 ft-lb	75,000 psi	100,000 psi	10%	90 degrees
#14J	9.48 lbs	15 ft-lb	75,000 psi	100,000 psi	10%	90 degrees

(b) This material is certified to ASTM A615/A615M Grade 75/520. (c) Charpy V-Notch per ASTM A673 - material tested on heat lot (H) frequency basis. (d) Full Section Testing, eight (8) inch gauge length.

GERDAU JUMBO 75S™ CHEMICAL ANALYSIS, %^(e)

C	Mn	P	Cu	Ni	Cr	Mo	V
.40	<u>1.00</u>	.06	<u>.20</u>	.50	.30	.10	.20
Max.	1.60	Max	.50	Max.	Max.	Max.	Max.

(e) Aims only - not supplied to a chemical specification. Particular chemical elements or ranges are subject to change without notice.



Contact us: 800.237.0230