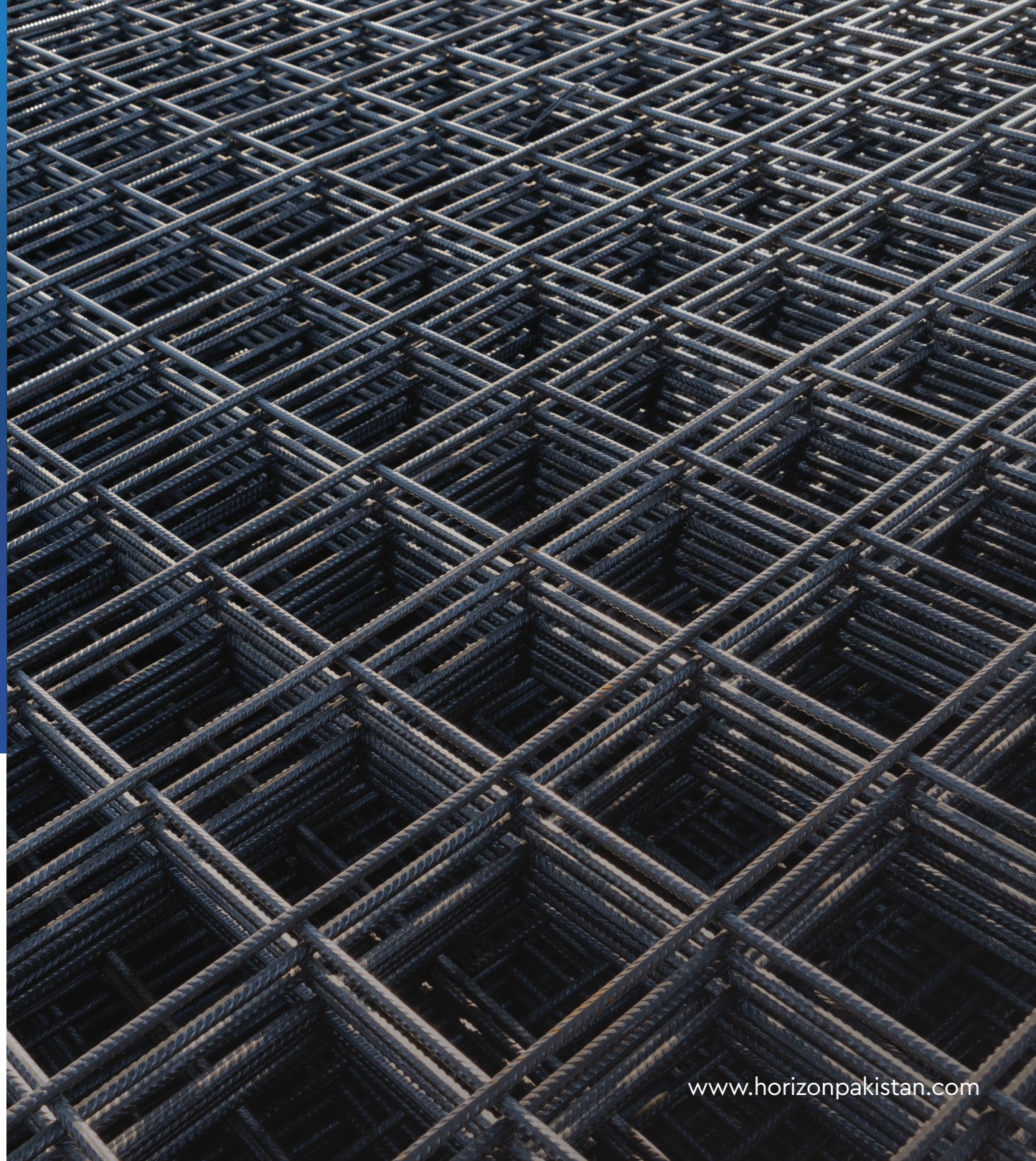




Reinforcing Steel Bars

Product Brochure



www.horizonpakistan.com

Pioneering Excellence in Steel Manufacturing

At Horizon Steel, we are proud to be Pakistan's first and only modern bar and rod mill, harnessing cutting-edge rolling technologies to deliver precision, consistency, and quality. Our state-of-the-art No-Twist 6-Stand High-Speed Block system, paired with advanced automation and control, ensures our products meet the highest international benchmarks.

Founded as Pakistan's premier High-Speed Wire Rod Mill, we have built a strong reputation producing Low Carbon, Medium Carbon, and Cold Heading Quality Steel Wire Rods – trusted by industries nationwide. In 2025, we expanded our horizons by launching a Reinforcing Steel Bar Line, offering premium-grade rebars engineered to meet and exceed global quality standards.

Powered by innovation and committed to excellence, Horizon Steel continues to shape the future of Pakistan's steel industry.



Precision in Every Bar



Deformed and Plain Steel Bars in Straight Length

8mm to 25mm in diameter



Deformed and Plain Steel Bars in Coil

8mm to 12mm in diameter

Our Products



**ULTRA
GOLD**

ASTM A615/A615M
Grade 60

**ULTRA
FORCE**

ASTM A706
Grade 60

**ULTRA
XCEL**

ASTM A615/A615M
Grade 80

**ULTRA
TUFF**

BS 4449: 2005
G500W

Key Mill Features

Annual Production Capacity	120,000 M.Tons/Annum	Type	Continuous and No Twist High Speed Block
Input Feedstock	Steel Billets	Pass	High Speed Steel Std: 13 to 18 Tungsten Carbide Rings Std: 18 to 23
Size Range	8 mm - 25 mm in diameter	Line Speed	13 M/Sec - Rebar in Straight Length 20 M/Sec - Rebar in Coil
Rebar U-Bend Bundle Weight	78 kg - 80 kg per Bundle	Reheating Furnace	Capacity (T/hr) 20
Rebar in Coil Weight	200 kg - 240 kg per coil	Type	Pusher
Bundle Weight of Rebar (Straight Length)	2,000 kg	Cooling Equipment	54 meter Rack Type Cooling Bed (Straight Length Bars) Slat Conveyor (Bars in Coil)
Bundle Weight of Rebar in Coil	2,200 kg	Quality Assurance Standards	ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018
Rolling Mill Strand	Strand 18 - Rebar/Plain Bar (Straight) Strand 23 - Rebar/Plain Bar (Coil)	Rolling Mill Laboratory	Optical Emission Spectrometer Servo Controlled Tensile Testing Machine

ULTRAGOLD

The Gold Standard in Rebar
ASTM A615/A615M - Grade 60

Imperial Sizes

Bar Designation Number	Diameter		Standard Weight		Expected Length per MT	
	Inches	mm	Kg/Meter	Kg/Foot	Meters	Feet
3	3/8	9.5	0.56	0.171	1,786	5,848
4	1/2	12.7	0.994	0.303	1,006	3,300
5	5/8	15.9	1.552	0.473	644	2,114
6	3/4	19.1	2.235	0.681	447	1,468
7	7/8	22.2	3.042	0.927	329	1,079
8	1	25.4	3.973	1.211	252	826



Metric Sizes

Diameter/Bar Sizes	Standard Weight		Expected Length per MT	
mm	Kg/Meter	Kg/Foot	Meter	Feet
10	0.617	0.188	1,621	5,319
12	0.888	0.271	1,126	3,690
16	1.578	0.481	634	2,079
20	2.466	0.752	406	1,330
25	3.853	1.174	260	852

Key Features

- Ultragold represents the pinnacle of performance for high end construction
- Manufactured to meet international standards for deformed and plain carbon steel bars for concrete reinforcement.
- Deformed surface design ensures optimal grip and anchorage within concrete structures.
- Crafted to meet the most demanding standards, it's the ideal choice for landmark residential, commercial and infrastructure projects.

Specifications

Minimum Yield Strength **60,000 PSI | 420 MPA**

Minimum Tensile Strength **90,000 PSI | 620 MPA**

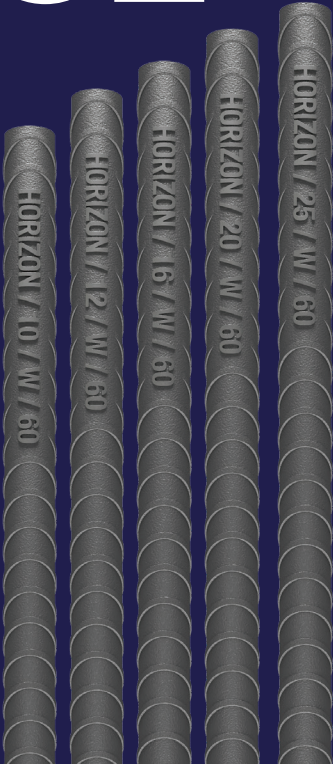
Elongation Percentage **9% MINIMUM**

ULTRAFORCE

Engineered for Resilience
ASTM A706 – Grade 60

Imperial Sizes

Bar Designation Number	Diameter		Standard Weight		Expected Length per MT	
	Inches	mm	Kg/Meter	Kg/Foot	Meters	Feet
3	3/8	9.5	0.56	0.171	1,786	5,848
4	1/2	12.7	0.994	0.303	1,006	3,300
5	5/8	15.9	1.552	0.473	644	2,114
6	3/4	19.1	2.235	0.681	447	1,468
7	7/8	22.2	3.042	0.927	329	1,079
8	1	25.4	3.973	1.211	252	826



Metric Sizes

Diameter/Bar Sizes	Standard Weight		Expected Length per MT	
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10	0.617	0.188	1,621	5,319
12	0.888	0.271	1,126	3,690
16	1.578	0.481	634	2,079
20	2.466	0.752	406	1,330
25	3.853	1.174	260	852

Key Features

- Ultra Force is built for seismic safety.
- Its superior ductility and weldability make it the go-to choice for earthquake prone zones, critical infrastructure, and projects that demand reliability under stress.
- Provides consistent yield limits (typically 420 MPa) for reliable performance in engineered structures.
- Preferred for use in bridges, tunnels, piers, seismic-resistant buildings, and infrastructure needing added flexibility.

Specifications

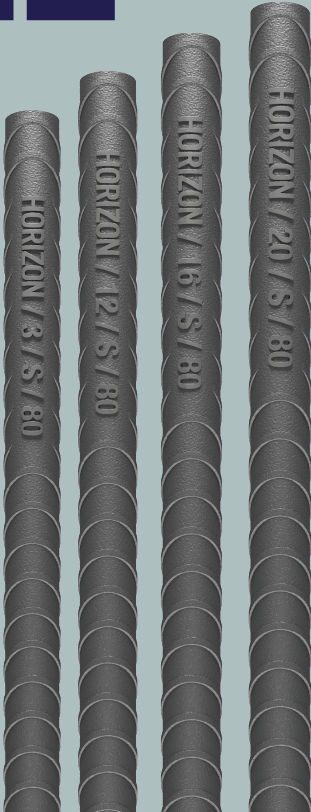
Minimum Yield Strength	60,000 PSI 420 MPA
Maximum Yield Strength	78,000 PSI 540 MPA
Minimum Tensile Strength	80,000 PSI 550 MPA
Elongation (%)	12 % Minimum
Tensile to Yield Ratio	Minimum 1.25

ULTRAXCEL

Built for the Next Generation of Strength
ASTM A615/615M – Grade 80

Imperial Sizes

Bar Designation Number	Diameter		Standard Weight		Expected Length per MT	
	Inches	mm	Kg/Meter	Kg/Foot	Meters	Feet
3	3/8	9.5	0.56	0.171	1,786	5,848
4	1/2	12.7	0.994	0.303	1,006	3,300
5	5/8	15.9	1.552	0.473	644	2,114
6	3/4	19.1	2.235	0.681	447	1,468
7	7/8	22.2	3.042	0.927	329	1,079
8	1	25.4	3.973	1.211	252	826



Metric Sizes

Diameter/Bar Sizes	Standard Weight		Expected Length per MT	
mm	Kg/Meter	Kg/Foot	Meter	Feet
10	0.617	0.188	1,621	5,319
12	0.888	0.271	1,126	3,690
16	1.578	0.481	634	2,079
20	2.466	0.752	406	1,330
25	3.853	1.174	260	852

Key Features

- High-Strength Performance for critical structural applications.
- Optimized for Modern Construction: high-rises, bridges, heavy infrastructure.
- Cost Efficiency: reduced rebar requirements and lower overall material usage.
- Durable and Resilient under demanding environmental and load conditions.

Specifications

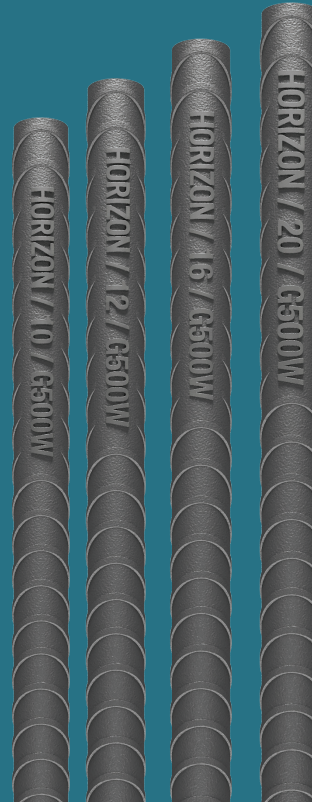
Minimum Yield Strength	80,000 PSI 550 MPA
Minimum Tensile Strength	100,000 PSI 690 MPA
Elongation Percentage	7% MINIMUM

ULTRATUFF

Strength You Can Count on
BS 4449: 2005 – G500W

Metric Sizes

Diameter/Bar Sizes	Standard Weight		Expected Length per MT	
	Kg/Meter	Kg/Foot	Meter	Feet
10	0.617	0.188	1,621	5,319
12	0.888	0.271	1,126	3,690
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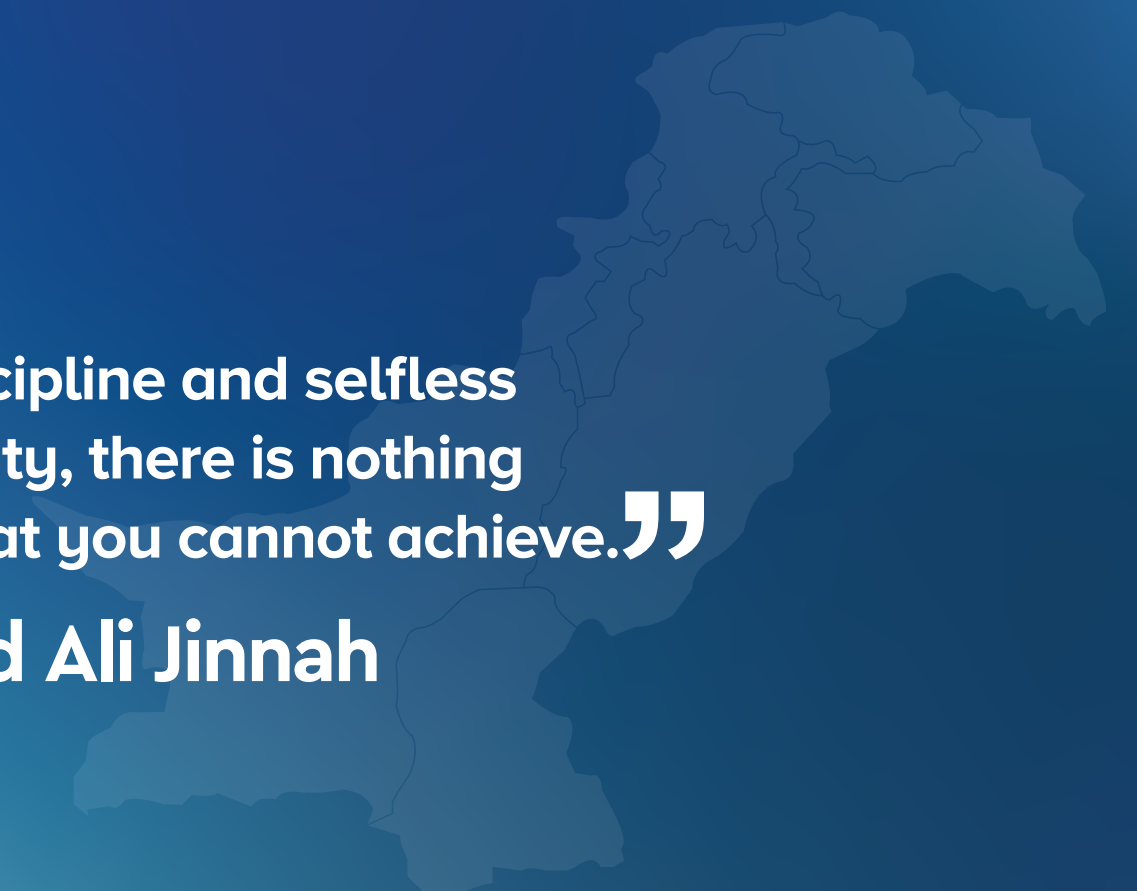


Key Features

- UltraTuff offers high strength reinforcement at an optimal cost.
- Manufactured according to the latest British standards for reinforcing steel bars.
- Delivers a minimum yield strength of 500 MPa, ensuring superior reinforcement for structural applications.
- Designed for high-performance applications, especially in seismic zones, with reliable elongation under stress.

Specifications

Minimum Yield Strength	72,500 PSI 500 MPA
Maximum Yield Strength	94,250 PSI 650 MPA
Minimum Tensile Strength	83,500 PSI 575 MPA
Elongation (%)	7.5 % AT MAX FORCE
Tensile to Yield Ratio	Minimum 1.15



“ With faith, discipline and selfless devotion to duty, there is nothing worthwhile that you cannot achieve.”

Muhammad Ali Jinnah

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