

Designed to the principles of BS4449:2005, EBAR G500+ is the “Ultimate High Yield Strength” rebar promising stronger rebars and extra savings. The technologically advanced product has numerous benefits that define the pillars of modern construction

Product Specifications

500W (500) | EBAR G500+

| | | |
|--------------------|--------------|---------------|
| Tensile Strength | | |
| minimum, MPa [psi] | 575 [83,375] | 620 [90,000]* |
| Yield strength | | |
| minimum, MPa [psi] | 500 [72,500] | 500 [72,500] |

BAR RECKNOR EBAR G-500 SIZES AS PER BS 4449 : 2005

| Diameter, [mm] | Cross-Sectional Area mm ² | Weight Kg per Ft | Elongation% |
|----------------|--------------------------------------|------------------|-------------|
| 10 | 78.5 | 0.188 | 12.50 |
| 12 | 113 | 0.271 | 12.50 |
| 16 | 201 | 0.481 | 12.50 |
| 20 | 314 | 0.752 | 12.50 |
| 25 | 491 | 1.175 | 12.50 |
| 32 | 804 | 1.925 | 12.50 |
| 40 | 1257 | 3.008 | 12.50 |
| 50 | 1963 | 4.695 | 12.50 |

OTHERS SIZES WE ROLL IN EBAR G-500 + BS 4449 : 2005

| Diameter, [mm] | Cross-Sectional Area mm ² | Weight Kg per Ft | Elongation% |
|----------------|--------------------------------------|------------------|-------------|
| 9.5 | 71 (0.11) | 0.170 | 12.50 |
| 19 | 284 (0.44) | 0.681 | 12.50 |
| 22 | 387 (0.60) | 0.909 | 12.50 |
| 28 | 645 (1.00) | 1.542 | 12.50 |

*Agha Steel Industries Ltd. proudly offers high tensile strength EBAR G500+