



Medisteel company for steel works now manufactures more than 5 rebar steel size that meet many challenging international standards and customer specification, it is highly skilled and experienced technical teams have increased the number of sizes produced in the recent years, and the company is constantly extending its product range both in terms of sizes and grades and according to the Egyptian ES262/88 equivalent of ASTM A 615/95 and BS4449/97

Available Sizes and Weight/Meter

High Tensile Deformed Bars

Mild Steel

Deformed Bars 12 m length straight

Plain Bars 12 M length straight/folded(0/0~16mm

Nominal Diameter(mm)

Weight/Meter Length kg/m

Nominal Diameter(mm)

Weight/Meter Length kg/m

10

0.617

10

0.617

12

0.888

12

0.888

16

1.58

16

1.58

18

2.00

18

2.00

Product Dimensions/Unit weight tolerances of reinforcing bars in ES & International Standard

Size

(mm)

ES 262/88

U.W%

Diam (mm)

Ovality Max.mm

10.0

± 6.5

± 0.5

0.8

12.0

± 4.5

± 0.5

1.0

16.0

± 4.5

± 0.5

1.3

18.0

± 4.5

± 0.5

1.5

Chemical & mechanical properties according to the Egyptian ES262/88

Item

Specifications

Standard

ES 262/88

Grade

24/35

36/52

Shape

P. Bars

D.Bars

Mechanical Properties

UTS kg/mm2

YS kg/mm2

EL %

Min. 35

Min. 24

Min. 20

Min. 52

Products

Min. 36

Min. 12

Ladle Analysis

C %

S %

P %

Mn %

N %

*Ceq %

Max0.025

Max0.055

Max0.055

Max0.040

Max0.055

Max0.055

* Ceq. = %C + %Mn/6 + %(Cr+Mo+V)/5 + (Ni + Cu)/15