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Steel

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-  \_\_\_\_\_

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POSTED ON

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

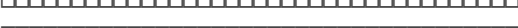





16










## ????????????

-    **RB**  
   
  
 
-   
  
 SR24
-   
 ,    
    
 
-   
 10   12   6  
mm. 9 mm. ,12 mm. ,15 mm. ,19 mm.  25 mm.

## ????????????

-     **DB**  
  
   
  
  
  

-   . 24-2548  
  
 SD30, SD40  SD50
-   
   
    

-

-  100 mm.
-  10 mm.  12 mm.  16 mm.  20 mm.  25 mm.  28 mm.  32 mm.

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Diagram illustrating the reinforcement layout for a slab, showing the arrangement of Round Bars (RB) and their spacing.

The slab dimensions are 10m x 10m.

The reinforcement consists of 10 top bars (RB) and 10 bottom bars (RB).

The top bars are spaced at 100mm, and the bottom bars are spaced at 100mm.

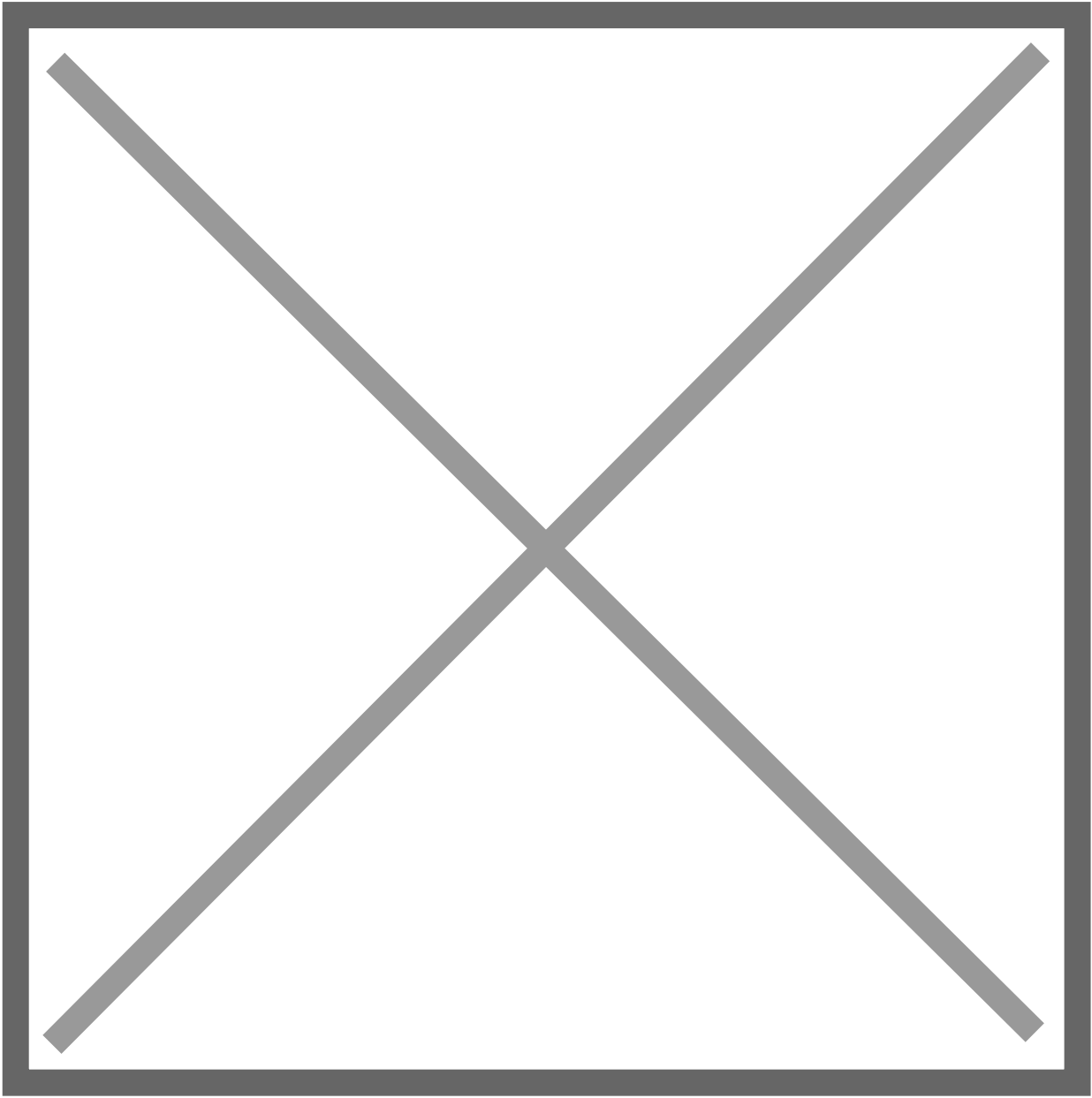
The diagram shows the bars as rectangles with labels 'RB' and dimensions.

**SR24** (Steel Round 24) 10 ( )

12 ( ) SR24

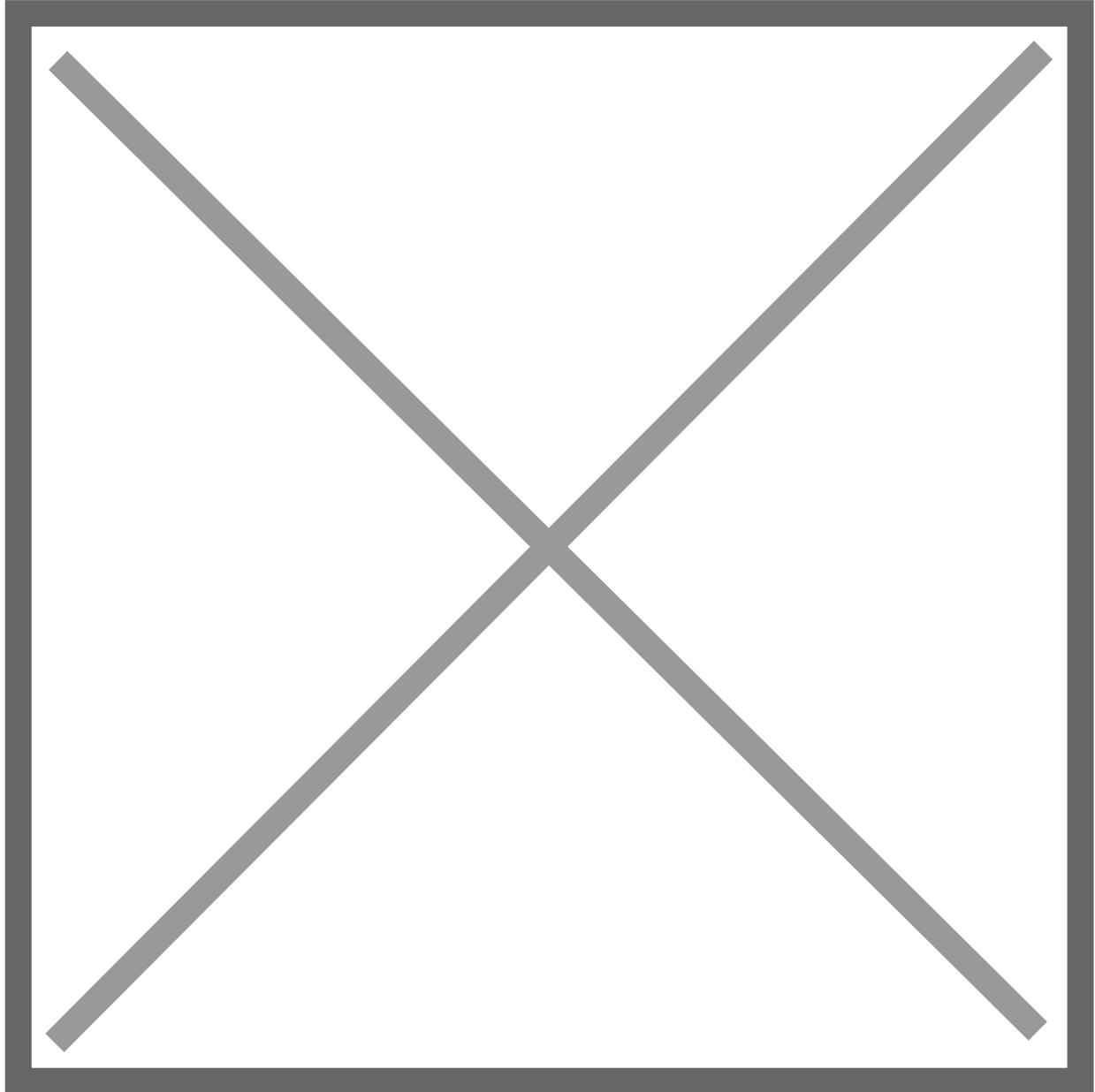
Round Bars

Round Bars are suitable for using as reinforced bars for small and medium buildings such as commercial buildings and houses. The round bars are made to the TIS 20-2543. The standard sizes are 6-34 mm. at 10 and 12 meter long.



<div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div></div></div>	<div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>(mm.)</div></div>	<div><div><div></div><div></div><div></div><div></div><div></div></div><div></div><div>.</div><div>(kg./m.)</div></div>	<div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div></div><div>.</div><div>(kg./10m.)</div></div>	<div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div></div><div>.</div><div>(kg./12m.)</div></div>
SR 6	6	0.222	2.22	-
SR 9	9	0.499	4.99	-
SR 12	12	0.888	8.88	10.656
SR 15	15	1.387	13.87	16.664
SR 19	19	19	19	26.712
SR 25	SR 25	3.853	38.53	46.236

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SD30, SD40, SD50

3000, 4000,

5000 ksc.

DB10(

), DB12(

Deformed Bar .12

), DB16, DB20, DB25, DB28, DB32

SD30, SD40, SD50

SD (Steel Deformed Bar)

SD - 40 4,000 kg/cm2

SD - 50 5,000 kg/cm2

SD40, SD50 10, 12

TATA , BSI , BSBM , SKY, TY , SSS , TDC , TSC , MILLCON, ZUBB , PSL , TSB , TXS

Size	(mm.)	(kg./m.)	(kg./10m.)	(kg./12m.)
SD 10	10	0.616	6.17	7.404
SD 12	12	0.888	8.88	10.656
SD 16	16	1.578	15.78	18.936
SD 20	20	2.466	24.66	29.592
SD 25	25	3.853	38.53	46.236
SD 28	28	4.834	48.34	58.008
SD 32	32	6.313	63.13	75.756

TATA STEEL





[illegible][illegible][illegible]

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[illegible][illegible]SD30, SD40,  SD50[illegible]

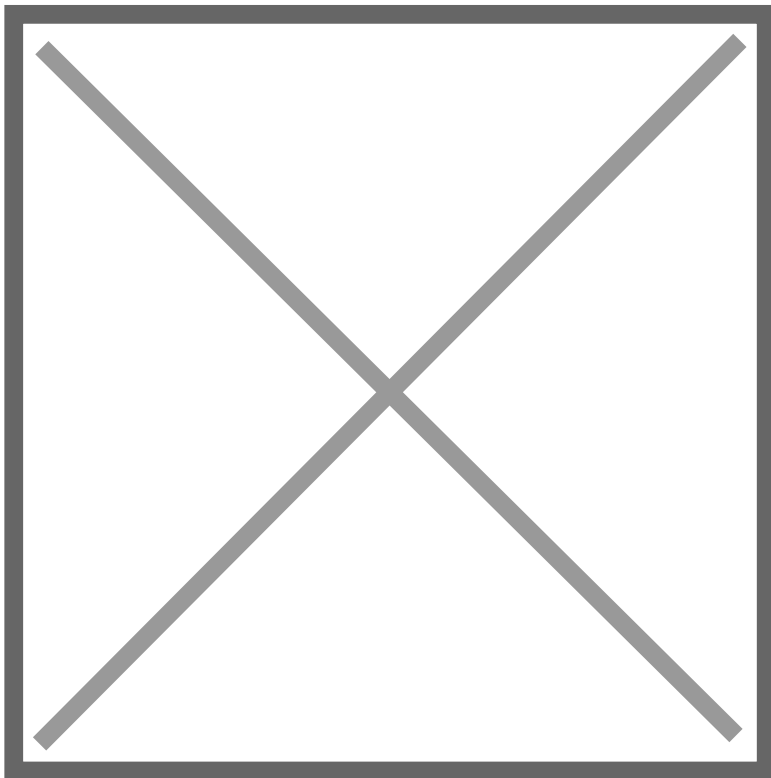

                    
 12 
     
 16 
  . 

10, 20, 25

 28  . 

[illegible]

10  12



2

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1. 

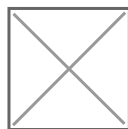




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Diagram illustrating the structure of a 1024-element array (blue) and its recursive partitioning into smaller blocks:








- 1024-element array (blue) branches into two 512-element arrays (green).
- 512-element array (green) branches into two 256-element arrays (red).
- 256-element array (red) branches into two 128-element arrays (orange).
- 128-element array (orange) branches into two 64-element arrays (yellow).
- 64-element array (yellow) branches into two 32-element arrays (pink).
- 32-element array (pink) branches into two 16-element arrays (purple).
- 16-element array (purple) branches into two 8-element arrays (brown).
- 8-element array (brown) branches into two 4-element arrays (grey).
- 4-element array (grey) branches into two 2-element arrays (dark grey).
- 2-element array (dark grey) branches into two 1-element arrays (black).



 (Hot rolled structural steel) 














-  (Angle Bar)
-  (Channel Bar)
-  (I-Beam)
-  (H-Beam)
-  (wide-Flange)
-  (Steel Round Bar)
-  (Flat Bar)
-  (Round Bar)
-  (Deformed Bar)

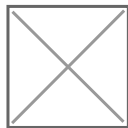


**(Cold formed structural steel)**





-  (LIGHT LIP CHANNEL)
-  (CARBON STEEL TUBES)
-  (CARBON STEEL SQUARE PIPES)
-  (CARBON STEEL RECTANGULAR PIPES)
-  (GALVANIZED STEEL PIPES)
-  (STEEL FURNITURE ROUND PIPES)
-  API (AHTM A 53)
-  (COLD FORMED CHANNEL)
-  (COLD FORMED CHANNEL)




1. 



2. 



3.  

[illegible]

5. 

[illegible]

7. 

8.   

9.  100%

[illegible]

TMT Steel