

Technical drawing of a reinforced concrete column cross-section. The drawing shows a rectangular column with a grid of reinforcement bars. The overall height is 2300 mm and the overall width is 1600 mm. The column is divided into three horizontal sections: a top section (120 mm high), a middle section (750 mm high), and a bottom section (120 mm high). The reinforcement bars are labeled with numbers 1 through 8 and their respective diameters and quantities. The bottom section is a circular cross-section with a diameter of 1600 mm. The reinforcement bars are arranged in a grid pattern. The drawing includes dimensions for the column height, width, and the spacing of the reinforcement bars.

Reinforcement details:

- 1: 8 $\phi$ 20 (top and bottom horizontal bars)
- 2: 7 $\phi$ 20 (top horizontal bars)
- 3: 3 $\phi$ 20 (top horizontal bars)
- 4: 16 $\phi$ 8 (top horizontal bars)
- 5: 16 $\phi$ 8 (top horizontal bars)
- 6: 16 $\phi$ 12 (top horizontal bars)
- 7: 5 $\phi$ 20 (bottom horizontal bars)
- 8: 2 $\phi$ 12 (bottom horizontal bars)

Dimensions:

- Overall height: 2300 mm
- Overall width: 1600 mm
- Top section height: 120 mm
- Middle section height: 750 mm
- Bottom section height: 120 mm
- Bottom section diameter: 1600 mm
- Bottom section width: 1490 mm
- Bottom section height: 250 mm

Reinforcement bar specifications:

- 1: 8 $\phi$ 20
- 2: 7 $\phi$ 20
- 3: 3 $\phi$ 20
- 4: 16 $\phi$ 8
- 5: 16 $\phi$ 8
- 6: 16 $\phi$ 12
- 7: 5 $\phi$ 20
- 8: 2 $\phi$ 12

Reinforcement bar arrangement:

- Top section: 16 $\phi$ 8 (4 bars), 7 $\phi$ 20 (7 bars), 3 $\phi$ 20 (3 bars), 16 $\phi$ 12 (16 bars)
- Middle section: 16 $\phi$ 12 (16 bars)
- Bottom section: 5 $\phi$ 20 (5 bars), 2 $\phi$ 12 (2 bars), 8 $\phi$ 20 (8 bars)

Reinforcement bar arrangement (bottom section):

- 1: 8 $\phi$ 20
- 2: 7 $\phi$ 20
- 3: 3 $\phi$ 20
- 4: 16 $\phi$ 8
- 5: 16 $\phi$ 8
- 6: 16 $\phi$ 12
- 7: 5 $\phi$ 20
- 8: 2 $\phi$ 12

Reinforcement bar arrangement (bottom section):

- 1: 8 $\phi$ 20
- 2: 7 $\phi$ 20
- 3: 3 $\phi$ 20
- 4: 16 $\phi$ 8
- 5: 16 $\phi$ 8
- 6: 16 $\phi$ 12
- 7: 5 $\phi$ 20
- 8: 2 $\phi$ 12

Reinforcement bar arrangement (bottom section):

- 1: 8 $\phi$ 20
- 2: 7 $\phi$ 20
- 3: 3 $\phi$ 20
- 4: 16 $\phi$ 8
- 5: 16 $\phi$ 8
- 6: 16 $\phi$ 12
- 7: 5 $\phi$ 20
- 8: 2 $\phi$ 12

Reinforcement bar arrangement (bottom section):

- 1: 8 $\phi$ 20
- 2: 7 $\phi$ 20
- 3: 3 $\phi$ 20
- 4: 16 $\phi$ 8
- 5: 16 $\phi$ 8
- 6: 16 $\phi$ 12
- 7: 5 $\phi$ 20
- 8: 2 $\phi$ 12

Reinforcement bar arrangement (bottom section):

- 1: 8 $\phi$ 20
- 2: 7 $\phi$ 20
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Reinforcement bar arrangement (bottom section):

- 1: 8 $\phi$ 20
- 2: 7 $\phi$ 20
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- 8: 2 $\phi$ 12

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- 8: 2 $\phi$ 12

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- 7: 5 $\phi$ 20
- 8: 2 $\phi$ 12

Reinforcement bar arrangement (bottom section):

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- 7: 5 $\phi$ 20
- 8: 2 $\phi$ 12

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Reinforcement bar arrangement (bottom section):

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Reinforcement bar arrangement (bottom section):

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Reinforcement bar arrangement (bottom section):

- 1: 8 $\phi$ 20
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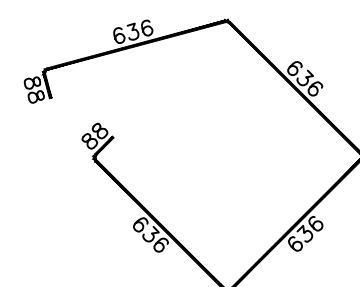
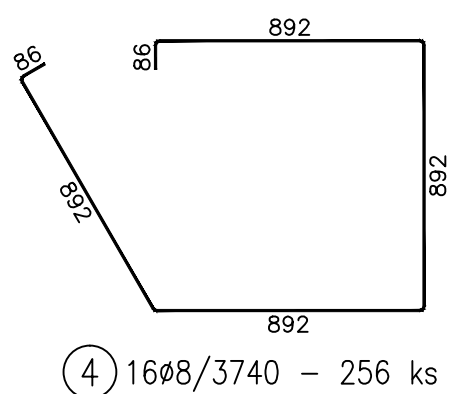
Reinforcement bar arrangement (bottom section):

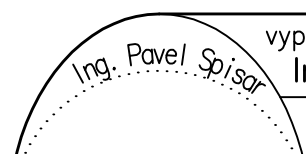
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Reinforcement bar arrangement (bottom section):

- 1: 8 $\phi$ 20
- 2: 7 $\phi$ 20
- 3: 3 $\phi$ 20
- 4: 16 $\phi$ 8
- 5: 16 $\phi$ 8
- 6: 16 $\phi$ 1

TABUĽKA VÝZVOU – TUKS				Délka B500B		
Č. pol.	D [mm]	Délka [m]	Počet ks.	8	12	20
1	20	4.380	256			1121.280
2	20	3.600	224			806.400
3	20	3.400	96			326.400
4	8	3.740	256	957.440		
5	8	2.720	256	696.320		
6	12	1.990	656		1305.440	
7	20	3.880	80			310.400
8	12	2.570	32		82.240	
Celková délka				1653.8	1387.7	2564.5
Špecifická hmotnosť				0.395	0.888	2.466
Hmotnosť [kg]				653	1232	6324
Hmotnosť celkom				8210		



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	akce:	Výstavba SD na Bořích D1.2 Stavebně konstrukční řešení					stupeň: DPS
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