

Technical drawing of a reinforced concrete slab (Figure 10.10). The drawing shows a rectangular slab with dimensions 30x30m. The slab is supported by a grid of columns. The reinforcement details are as follows:

- Top reinforcement:** 2x5 ØR12 bars (labeled 6) and 2x3 ØR10/150 bars (labeled 23).
- Bottom reinforcement:** 2x8 ØR12 bars (labeled 6) and 2x3 ØR10/150 bars (labeled 24).
- Diagonal reinforcement:** 2x4 ØR12/150 bars (labeled 25) and 2x3 ØR10/150 bars (labeled 10).

The slab is divided into three sections by two vertical lines. The middle section is 10m wide and 30m long. The two side sections are 10m wide and 30m long. The total width is 30m and the total length is 30m.

Technical drawing of a reinforced concrete slab (Fig. 10.10) showing dimensions and reinforcement details. The drawing includes a plan view of the slab with dimensions 23 (27ØR10/150) and 16 (Tr 27ØR8/150) for the top reinforcement, and 24 (27ØR12/150) and 25 (27ØR12/150) for the bottom reinforcement. The slab is 2x5m and 2x1.5m. The reinforcement is 2x5ØR12 and 2x8ØR12. The drawing also shows a cross-section of the slab with dimensions 24 and 25, and a detail of the reinforcement bars with dimensions 23 and 16.

Tr 10R8/150

23 10R10/150

16 Tr 10R8/150

10 10R10/150

24 10R12/150

25 10R12/150

C30/37

[illegible]

Pol	Profil	Delka [mm]	ks	R		
				8	10	12
*5	R 12	3900	26	29.7	35.1	101.4
	R 10	1300	27			
	R 8	1100	27			
	R 8	600	9	5.4	48.6	
	R 8	500	9	4.5		
	R 8	550	9	5.0		
	R 10	1800	27			
	R 12	1950	27			
	R 12	3150	27		52.6	
					85.0	
Pocet prvku 5	CELKOVA DELKA [m]		44.6	83.7	239.1	
	HMOTNOST [kg]		17.6	51.6	212.3	
	CELKOVA HMOT.[kg]		281.5			
HMOT. PRD 5 PRVKU			1407.3			

Technical drawing showing three structural members (24, 25, 23) with dimensions and specifications.

- Member 24:** L-shaped beam. Dimensions: 1510 (horizontal span), 1390 (vertical height), 300 (top flange), 300 (web). Specification: $\phi R12; L=1950\text{mm}; 27\text{ks}$.
- Member 25:** Z-shaped beam. Dimensions: 1390 (total height), 290 (bottom flange). Specification: $\phi R12; L=1950\text{mm}; 27\text{ks}$.
- Member 23:** Channel beam. Dimensions: 810 (height), 220 (web thickness). Specification: $\phi R12; L=1800\text{mm}; 27\text{ks}$.

Pol	Profil	Delka [mm]	ks	R		
				8	10	12
*6	R 12	4400	26	33.0	39.0	114.4
10	R 10	1300	30			
16	R 8	1100	30			
18	R 8	600	10			
19	R 8	500	10	6.0	54.0	
20	R 8	550	10	5.0		
23	R 10	1800	30	5.5		
24	R 12	1950	30			
25	R 12	3150	30			
CELKOVA DELKA [m]			49.5	93.0	267.4	
HMOTNOST [kg]			19.5	57.3	237.4	
CELKOVA HMOTNOST [kg]			314.3			

Technical drawing of a mechanical part with dimensions and callouts:

- Top Dimension:** 4400
- Callout 6:** $\phi R12; L=4400mm; 26ks$
- Callout 16:** $T; \phi R8; L=1100mm; 30ks$
- Callout 18:** $\phi R8; L=600mm; 10ks$
- Callout 20:** $\phi R8; L=550mm; 10ks$
- Callout 23:** $\phi R10; L=1800mm; 30ks$
- Callout 24:** $\phi R12; L=1950mm; 30ks$
- Callout 25:** $\phi R12; L=3150mm; 30ks$

Dimensions and Features:

- Vertical Dimensions:** 1010, 310, 810, 1390, 290, 300, 300, 1390.
- Horizontal Dimensions:** 360, 120, 1510, 1390.
- Angles:** 8°.
- Other Dimensions:** 140, 140, 340, 100, 420, 120, 220.

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