

Balken - inkl. Sohle (elastisch gebettet)

Pos. 90 - Stb.-Stütze

Technical drawing showing a cross-section of a reinforced concrete slab and column connection. The drawing includes reinforcement details for the slab and column.

Slab reinforcement details:

- Top reinforcement: (5) 6 ø 16
- Bottom reinforcement: (6) 6 ø 25
- Longitudinal bars: (4) 16 ø 8-15-2x, (4) 16 ø 8-10-2x

Column reinforcement details:

- Longitudinal bars: (12) 3 ø 20-2
- Stirrups: (11) 4 ø 8-50

[illegible][illegible]

Unter der Stb-Sohle und unter den Fundamenten ist eine Sauberkeitsschicht $h = 5\text{ cm}$ (C 12/15) einzubauen. Beim Betonieren gegen Erdreich muss die Betondeckung $c_v = 5,5\text{ cm}$ (seitlich) bzw. $8,5\text{ cm}$ (unten) betragen! Alle Fundamente sind frostfrei zu gründen und bis auf tragfähigen Baugrund zu führen. Unterschiedliche Gründungstiefen sind untereinander abzutreten.

BEWEHRUNGSEIGENSCHAFTEN		
BETONSTAHLMATTEN	:	B500A M
BETONSTABSTAHL	:	B500B S
MINDESTVERTE DER BIEGEROLLENDURCHMESSER	:	Haken, Winkelhaken, Schlaufen, Bügel
Stabdurchmesser ø in mm	:	< 20 $D = 4 \varnothing$ $20 \text{ bis } 28$ $D = 7 \varnothing$
STABABSTÄNDE DER BEWEHRUNG	:	$s_n \geq 20 \text{ mm}$ s_{n1} Stababstand $\geq \varnothing g + 5 \text{ mm}$ $\varnothing g$ Großkreisdurchmesser $\geq \varnothing s$ $\varnothing s$ Stabdurchmesser

BETONEIGENSCHAFTEN	
BETON	siehe Angabe je Bauteil
SAUBERKEITSSCHICHT	C 12/15
EXPOSITIONSKLASSE	siehe Angabe je Bauteil
BETONDECKUNG	siehe Angabe je Bauteil
GRÖSSTKORN DES BETONS	$\sigma_y \leq$ Stababstand - 5 mm
ÜBERWACHUNGSKLASSE	Überwachungsklassen sind gem. DIN EN 1992-1-1 einzuhalten

b	19.06.2026	MAK	Planfreigabe
a	31.03.2026	MAK	Planerstellung
Index	Datum		
Änderungen			

Bauvorhaben
Sanierung des Berufskollegs Meschede
Bauort
59872 Meschede, Dünnefeldweg 5
Bauherr
Hochsauerlandkreis, Der Landrat
59872 Meschede, Steinstraße 27
Planung
ARCHITEKTUR.DLX
44137 Dortmund, Hoher Wall 15

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Bewehrungsplan

Bauteil H
FUN BEW Pos. 166; Pos. 167

Bearbeiter	Datum	Maßstab
Maren Köhler	19.06.2026	1:25
Projektnummer	Leistungsphase	
23-1379	Ausführungsplanung	
Plan-ID		
BKM-H-TWP-5-306-00-b-F 2026 06 19-FUN BEW Pos. 166; Pos. 167		

Technical drawing of a window frame assembly. The drawing shows a cross-section of the window frame and its connection to the wall. Key dimensions and labels include:

- Overall height: 70
- Inner height: 50
- Outer diameter of the top flange: $\varnothing 8-15$ (17)
- Outer diameter of the bottom flange: $\varnothing 8-15$ (4)
- Inner diameter of the top flange: $\varnothing 6 \varnothing 16$ (5)
- Inner diameter of the bottom flange: $\varnothing 6 \varnothing 25$ (6)
- Label "Fuge rau" (Rough joint) pointing to the gap between the frame and the wall.
- Label "7 $2 \varnothing 12$ " (7) pointing to the top flange.
- Label "4 $\varnothing 8-15$ " (4) pointing to the bottom flange.
- Overall width: 1.20

Technical drawing of a window frame assembly. The drawing shows a cross-section of the frame with dimensions and component labels.

Dimensions:

- Overall height: 70
- Top section height: 20
- Bottom section height: 50
- Overall width: 2.00
- Inner width: 1.00
- Top section width: 0.60 (6 ø 16)
- Bottom section width: 0.60 (6 ø 25)

Component labels and specifications:

- Top section: 1 6 ø 16
- Left side: ø 8-15 (18)
- Right side: ø 8-1 (13)
- Bottom section: 2 6 ø 25
- Bottom right corner: 3 2 ø 12
- Label: Fuge rau

Bottom note: (18) 80 ø 8 L=2.00

The drawing shows a cross-section of a reinforced concrete slab with a total thickness of 70 cm. The top 20 cm is a concrete layer, and the bottom 50 cm is the main slab. A red dashed line indicates the reinforcement layout. The reinforcement consists of:

- Top reinforcement: 1 bar of diameter 16 mm (1 6 ø 16).
- Bottom reinforcement: 2 bars of diameter 25 mm (2 ø 25).
- Side reinforcement: 2 bars of diameter 12 mm (2 ø 12).
- Bottom reinforcement: 2 bars of diameter 25 mm (2 ø 25).
- Bottom reinforcement: 6 bars of diameter 25 mm (6 ø 25).
- Bottom reinforcement: 4 bars of diameter 25 mm (4 ø 25 - 2. Lage).

The reinforcement is spaced at 1.00 m. The drawing also shows a cross-section of a wall with a thickness of 20 cm and a height of 50 cm. The wall has a reinforcement of 2 bars of diameter 12 mm (2 ø 12) and 2 bars of diameter 25 mm (2 ø 25). The wall is labeled "Fuge rau" (rough joint).

The drawing consists of two parts: a cross-section (top) and a plan view (bottom).

Cross-section: Shows a slab with a total thickness of 70 units. The top 20 units are concrete, and the bottom 50 units are reinforced concrete. A horizontal line labeled "Fuge rau" (rough joint) is located at the 50-unit mark. The slab is reinforced with top bars (ø 8-15, 18) and bottom bars (ø 8-15, 13). A label "1" points to the top reinforcement.

Plan view: Shows a rectangular slab with a width of 1.00 units. The slab is reinforced with a grid of bars. The top reinforcement consists of bars (1) ø 8-16 and bars (15) 2 ø 25. The bottom reinforcement consists of bars (2) ø 8-16 and bars (13) ø 8-16. A label "3" points to the bottom reinforcement.

H/B = 594 / 841 (0.50m²)