

Layher Info

Technology and Products

March 2004

Even more flexibility for Allround scaffolding:

The clampable rosette

The clampable rosette ensures even more flexibility for the Allround scaffolding: connecting Allround to SpeedyScaf scaffolding, making connections between scaffolding tube and Allround, and also allowing intermediate connections at the Allround standard – the possible uses are as numerous as the requirements placed today on scaffolding construction.

The clampable rosette can be connected at any point on the standard, and up to 6 ledgers or diagonal braces can in turn be connected to it; if there's no more room on the rosette of the standard, for example, the clampable rosette is the sturdy and ideal solution to the problem.

1. Possible scaffolding groups when console brackets are used

Allround console brackets 0.36 m and 0.73 m

Table: permissible scaffolding groups depending on bay width

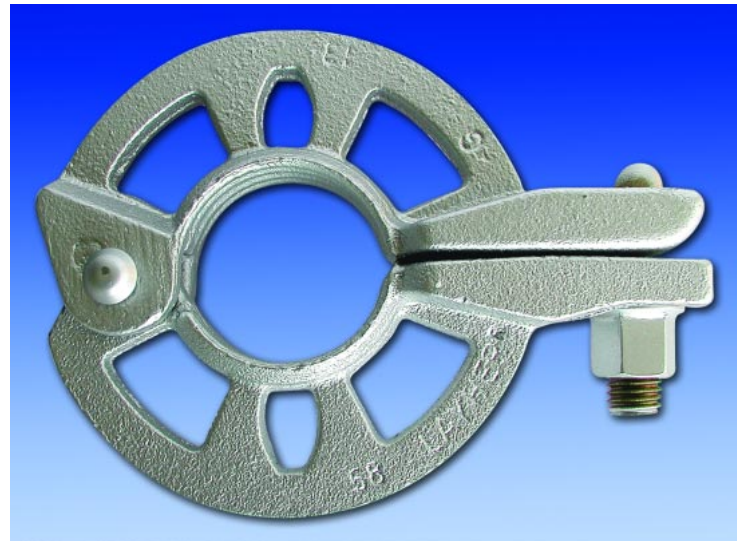
Scaffolding group acc. to DIN 4420	3	4	5	6
AR console bracket 0.36 m permissible bay width (m)	3.07	2.57	2.07	1.57
AR console bracket 0.73 m permissible bay width (m)	3.07	2.07	1.57	1.09



Assembly with AR console bracket 0.36 m



Assembly with AR console bracket 0.73 m



2. Possible loading of Allround double U-transom and Allround U-transom for connection using clampable rosette

Allround double U-transom (length m)	1.57	2.07	2.57	3.07		
Evenly distributed line load (kN/m)		12.0	8.65	5.12	3.59	
Individual load in bay centre (kN/m)		7.97	5.92	5.25	5.24	

Allround U-transom (length m)	U*	U-V*	U-V*		
Evenly distributed line load (kN/m)		19.01	17.34	10.42	
Individual load in bay centre (kN/m)		6.10	8.76	6.84	

The clampable rosette must be tightened with a defined tightening torque of 50 Nm.

* Load bearing capacity of U-transom (U), ledger, reinforced (V)

Art. No.	Designation	Weight
2603.019	Clampable Allround rosette, 19 mm WS	1.2 kg
2603.022	Clampable Allround rosette, 22 mm WS	1.2 kg

All dimensions and weights are guideline values. Subject to technical modifications. Quoted prices do not include VAT.

We shall make delivery exclusively on the basis of our currently valid general terms of business.

The place of performance is GÜGLINGEN-EIBENSCHACH. Title to the delivered goods shall be retained until full payment has been made.

8116.283

Layher

More Possibilities. The Scaffolding System.

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