

Suspension System for METAL Ceilings

METAL U-Profile + Hanger for Baffle

KNAUFCEILING
Solutions

Suspension system for semi-concealed Hook-On baffle solutions

Key features

- For grouped baffle installations
- Installed on the modular U-Profile primary grid system, with unique plug-in clip for quick and accurate installation
- Full range of accessories with multiple suspension options
- Splice connectors and end caps for baffles

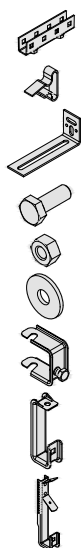
Application areas

- Suitable for busy corridor and noisy open plan spaces in office, retail and transport sectors

Systems

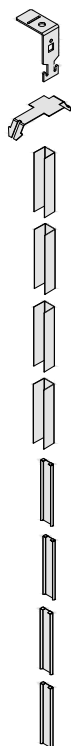
- METAL Baffle Element (METAL V-P 500)

■ U-Profile & Accessories



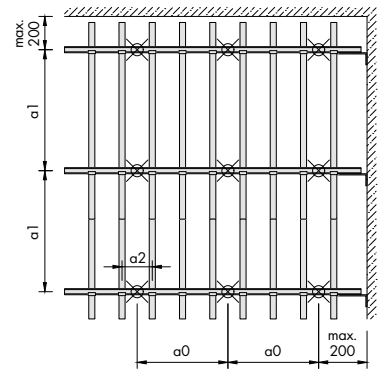
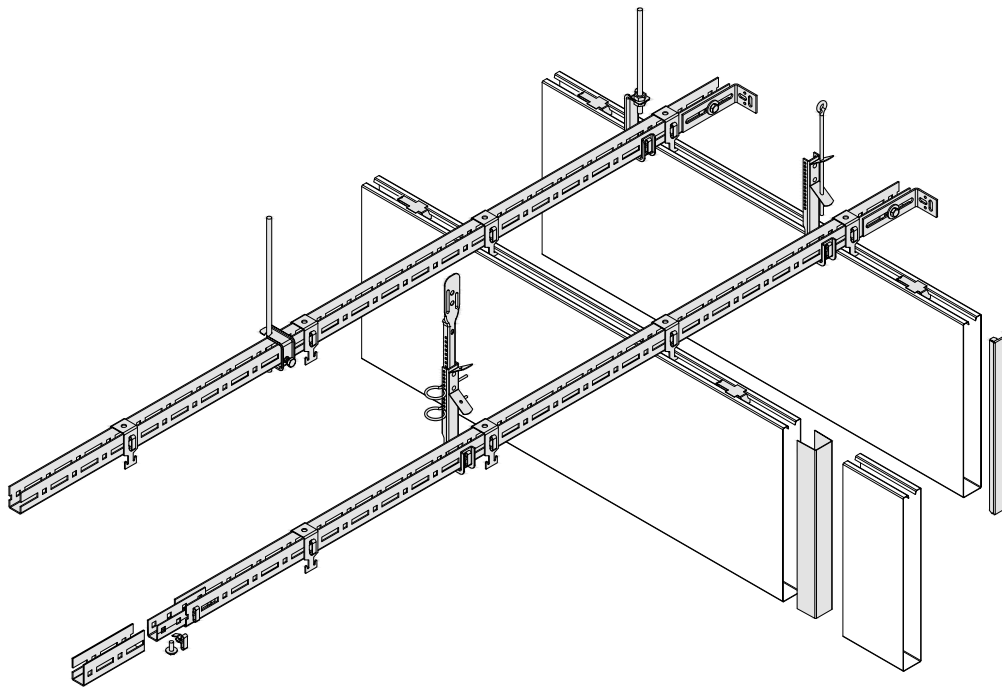
Item reference	Description	Dimensions (mm)	Material	Colour	Content/carton		Weight/carton kg
					pcs	lm	
M300100	U-Profile	3746 x 20 x 31	Galvanised steel	-	10	375	28.9
M300119	Splice connector for U-Profile	95 x 23 x 17	Galvanised steel	-	100	-	5.3
M300120	Plug-in clip for U-Profile	20 x 21 x 6	Spring steel	-	100	-	0.2
M300140E	Wall anchor	90 x 35 x 25	Galvanised steel	-	100	-	3.7
M311303B	Hexagonal bolt M6 x 16 mm	M6 x 16	Galvanised steel	-	500	-	2.5
M311103B	Hexagonal nut M6	M6 x 5	Galvanised steel	-	1000	-	3.0
M311305B	Washer M6 18 x 1.6 mm	Ø18 x 1.6	Galvanised steel	-	200	-	0.6
M300121I	Clamping bracket for U-Profile	43 x 37 x 20	Spring steel	-	100	-	2.3
M300366	Hanger for U-Profile	85 x 33 x 19	Galvanised steel	-	100	-	3.8
M300166	Combi-Nonius hanger for U-Profile	156 x 36 x 19	Galvanised steel	-	100	-	6.6

■ Hanger for Baffle



Item reference	Description	Dimensions (mm)	Material	Colour	Content/carton		Weight/carton kg
					pcs	lm	
M300367BZC	Hanger for METAL Baffle Element	52 x 36 x 20	Galvanised steel	Black	100	375	1.4
M311044	Distance holder for baffle	52 x 20 x 12	Spring steel	-	100	-	0.3
M300368BK	Splice connector for baffle 150 mm	142 x 28 x 30	Galvanised steel	RAL 9005	1	-	0.1
M300369BK	Splice connector for baffle 200 mm	192 x 28 x 30	Galvanised steel	RAL 9005	1	-	0.1
M300370BK	Splice connector for baffle 250 mm	242 x 28 x 30	Galvanised steel	RAL 9005	1	-	0.1
M300371BK	Splice connector for baffle 300 mm	292 x 28 x 30	Galvanised steel	RAL 9005	1	-	0.1
M300372	End cap for baffle 150 mm	149 x 28 x 8	Galvanised steel	RAL 9010	1	-	0.1
M300373	End cap for baffle 200 mm	199 x 28 x 8	Galvanised steel	RAL 9010	1	-	0.1
M300374	End cap for baffle 250 mm	249 x 28 x 8	Galvanised steel	RAL 9010	1	-	0.1
M300375	End cap for baffle 300 mm	299 x 28 x 8	Galvanised steel	RAL 9010	1	-	0.1

System Drawing



■ Spacing Parameters

METAL Spacing Parameters for Baffle Height (H) = 150 mm

a2 (mm)	100	200	300	400	500	600	700	800	900	1000
a0 (mm)	900	1300	1500	1600	1750	1800	1900	1900	1900	1900

METAL Spacing Parameters for Baffle Height (H) = 200 mm

a2 (mm)	100	200	300	400	500	600	700	800	900	1000
a0 (mm)	800	1150	1400	1500	1650	1750	1800	1850	1900	1900

METAL Spacing Parameters for Baffle Height (H) = 250 mm

a2 (mm)	100	200	300	400	500	600	700	800	900	1000
a0 (mm)	750	1050	1300	1500	1600	1700	1750	1850	1900	1900

METAL Spacing Parameters for Baffle Height (H) = 300 mm

a2 (mm)	100	200	300	400	500	600	700	800	900	1000
a0 (mm)	700	1000	1200	1400	1550	1600	1700	1750	1850	1900

a0 = Distance between U-Profile suspension points, a2 = Distance between Baffles
 Typical baffle weight: 150 mm = 1.8 - 2.3 kg/m, 200 mm = 2.3 - 2.9 kg/m, 250 mm = 2.8 - 3.4 kg/m, 300 mm = 3.2 - 4.0 kg/m (Indicative values, including acoustic infills)

Fire reaction		Euroclass A1 as per EN 13501-1	RUS KMO (NG) / KM1 (G1, V1, D1, T1) as per 123-FZ
Indoor air quality		 A+	
Cleanability	  		
Sustainability		EN ISO 14001 =14%	
Design options			

All measurements in millimetres. All sizes are nominal.

Products may vary from country to country. Please contact your local sales representative.
 For further information and legal notice, please visit our website.
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