

Omega Bracket Technical Datasheet

Product Page: <https://www.cnmetalfasteners.com/stone-cladding-fixing/omega-bracket/>

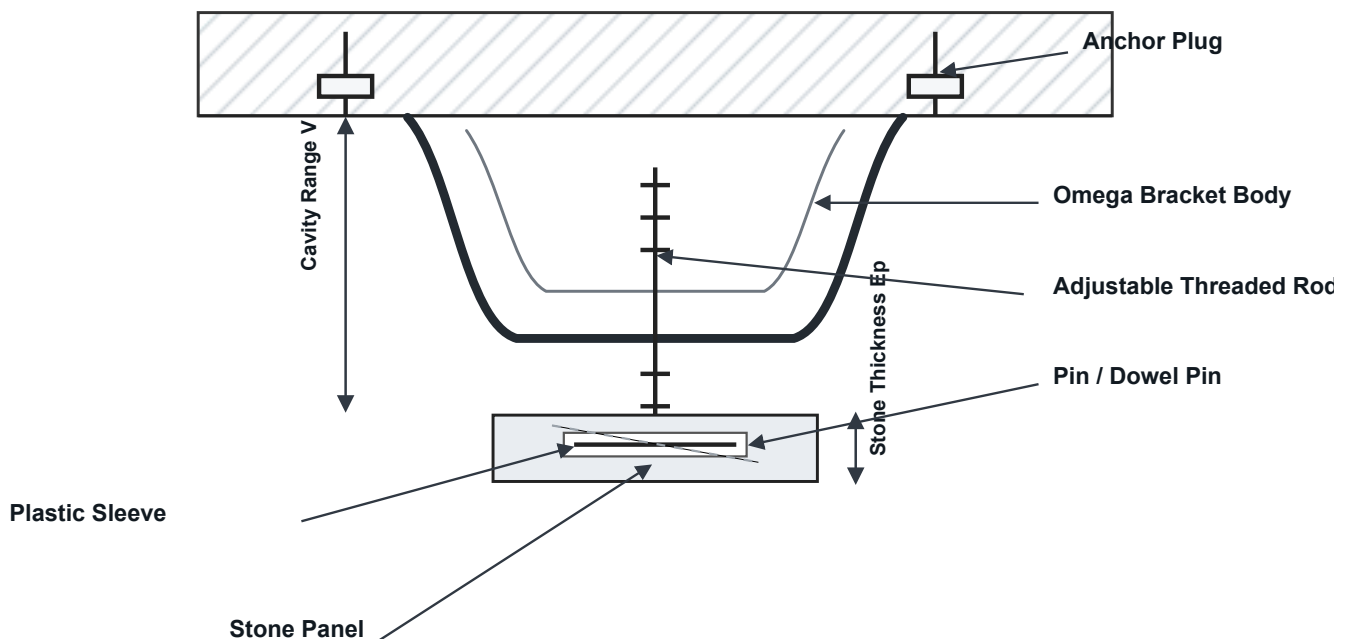
Product Overview

Omega brackets are facade fixing components used in stone cladding fixing systems where bracket geometry, cavity range, hole layout, threaded rod size, pin diameter, plug / anchor size, material grade and finish need to be reviewed before quotation.

WISINE can support quotation review for Omega brackets according to project drawings, material grade, quantity, matching hardware and documentation requirements. Final bracket size, load review, fixing method and installation approval should be confirmed by the project engineer or responsible design party according to project drawings, stone panel details and local requirements.

Omega Bracket Installation Reference

Stone Cladding Fixing System



Installation diagram for reference only. Final bracket selection, load review, fixing method and installation approval should be confirmed by the project engineer or responsible design party.

Typical Applications

- Stone cladding fixing systems
- Facade bracket and rail interfaces
- Drawing-based facade fixing hardware
- Bracket packages with matching threaded rods, anchors, nuts, washers, shims and spacers
- Projects requiring material and documentation review before quotation

PMR Reference Series

Reference Type / Designation	V Range / Cavity Range (mm)	Bracket Height H (mm)	Bracket Width W (mm)	Reference Load Data (kg)	Pin Diameter Ø (mm)	Adjustable Threaded Rod	Plug / Anchor Size
PMR 20	35-45	20	30	100	5	M10x60	M8
PMR 30	45-65	30	30	100	5	M10x70	M8
PMR 40	55-80	40	30	100	5	M10x70	M8
PMR 60	75-100	60	30	100	5	M10x70	M8

PR 3 H Reference Series

Reference Type / Designation	V Range / Cavity Range (mm)	Bracket Height H (mm)	Bracket Width W (mm)	Reference Load Data (kg)	Pin Diameter Ø (mm)	Adjustable Threaded Rod	Plug / Anchor Size
PR 3 H 00	30-45	3	40	65	5	M10x50	M8
PR 3 H 10	35-55	10	30	65*	5	M10x50	M8
PR 3 H 15	40-60	15	30	65*	5	M10x50	M8
PR 3 H 20	45-65	20	30	65*	5	M10x50	M8
PR 3 H 30	55-75	30	30	65*	5	M10x50	M8
PR 3 H 40	65-95	40	30	54*	5	M10x60	M8
PR 3 H 50	75-105	50	30	54*	5	M10x60	M8
PR 3 H 60	86-116	61	30	54*	5	M10x60	M8
PR 3 H 70	96-136	71	30	45*	5	M10x70	M8
PR 3 H 80	106-146	81	30	45*	5	M10x70	M8
PR 3 H 90	116-156	91	30	45*	5	M10x70	M8
PR 3 H 100	126-166	101	30	45*	5	M10x70	M8
PR 3 H 110	136-176	111	30	45*	5	M10x70	M8
PR 3 H 120 R	145-185	120	30	24	5	M10x70	M8
PR 3 H 130 R	155-195	130	30	24	5	M10x70	M8
PR 3 H 140 R	165-205	140	30	24	5	M10x70	M8

The values above are reference data for quotation discussion and preliminary product selection. Final bracket size, load review, fixing method and installation approval should be confirmed by the project engineer or responsible design party according to project drawings, stone panel details and local requirements.

RFQ Parameters to Confirm

- Bracket type / designation
 - V range or cavity requirement
 - Bracket height and width
 - Material grade
 - Thickness
 - Hole type and hole diameter
 - Slot size or slot direction
- Adjustable threaded rod size
 - Pin / dowel diameter
 - Plug / anchor size
 - Surface finish
 - Quantity
 - Matching bolts, nuts, washers, shims and spacers
 - Certificate or inspection document requirements
 - Drawing files: PDF / DWG / DXF / sample / sketch

Material and Finish Options

Material and finish options should be confirmed according to project drawings, application conditions, quantity and documentation requirements. Common discussion items include stainless steel grade, carbon steel or galvanized steel requirements where suitable, surface finish, corrosion environment and matching hardware material.

Matching Hardware

Omega bracket quotations may include matching threaded rods, anchors, bolts, nuts, washers, clips, rails, shims, spacers and related facade fixing hardware. Matching hardware should be reviewed according to bracket geometry, substrate requirement, drawings and certificate requirements.

Certificate / Documentation Note

Material certificates, inspection documents, coating documents and traceability requirements can be discussed where required. Document availability and scope should be confirmed before quotation or production.

Engineering Boundary Note

This datasheet is for RFQ preparation and quotation review only. It is not structural approval, installation approval, material substitution approval, certificate approval or production approval. Final bracket selection, load review, fixing method and installation approval should be confirmed by the project engineer or responsible design party according to project drawings, stone panel details and local requirements.

RFQ Preparation Note

Before sending an RFQ, please prepare the bracket designation, V range, dimensions, material grade, quantity, matching hardware, drawings and document requirements for WISINE technical and quotation review.