

Product Name

Halfen Dynagrip® Anchor Channels and Bolts

Associated Specification Section

Section 04080 – Masonry Anchorage and Reinforcement

Manufacturer's Name

Halfen Anchoring Systems, A Division of Meadow Burke Products

Product Description

2003-07-29



PRODUCT FEATURES

- BASIC USES / RELATED USES
 - Three dimensionally adjustable anchors for vertical stone facade, slabs, or panels.
- PRODUCT ATTRIBUTES AND CHARACTERISTICS
 - Accommodate wall face to stone face gaps from 62 mm (2-7/16 inch) to 286 mm (11-1/4 inch).
 - Fastened anchor has 19 mm (3/4 inch) swing in either direction.
 - Anchors are corrosive-resistant stainless steel.
 - Load Carrying Capability:
 - 410 N (92 lbs) for full line,
 - 630 N (142 lb) for HRM 073, HRM 083.
- SELECTION CRITERIA
 - Adjustable crimped nut together with counter nut allows final adjustment with stone or panel in position.
 - Up / down adjustability: 15 mm (9/16 inch).
 - In / out adjustability: (See gap in chart).
 - Capacity and gap:
- APPLICABLE STANDARDS AND RELATED REFERENCES
 - ASTM A167 - Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.
- AVAILABILITY
 - Product is available across North America.
- COST
 - Varies with substrate condition, configuration and configuration and weight of panels.
 - Consult manufacturer national or regional offices for specific product costs or relative costs.

PRODUCT PROPERTIES

- MATERIALS
 - Stainless steel: ASTM A167.
 - Configuration:
 - N type - Normal with secured pin for free expansion.
 - B type - Half pin for lower stone slab.
 - C type - 30 degree extension arm edge with non-visible joint.
 - Slotted hole accommodates 9.5 mm (3/8 inch) fastener.

Part No.'s			Capacity (lb)	Gap (in.)		Resultant ¹
N Type	B Type	C Type		min.	max.	RZ (lb)
HRM073NS	HRM073BS	HRM073CS	142	2-7/16	2-15/16	173.0
HRM083NS	HRM083BS	HRM083CS	142	2-10/16	3-5/16	179.3
HRM103NS	HRM103BS	HRM103CS	92	3-4/16	4-9/16	152.9
HRM123NS	HRM123BS	HRM123CS	92	4	5-6/16	159.6
HRM153NS	HRM153BS	HRM153CS	92	5-3/16	6-9/16	166.4
HRM183NS	HRM183BS	HRM183CS	92	6-6/16	7-11/16	170.8
HRM213NS	HRM213BS	HRM213CS	92	7-9/16	8-14/16	175.3
HRM243NS	HRM243BS	HRM243CS	92	8-12/16	10-1/16	179.8
HRM273NS	HRM273BS	HRM273CS	92	9-15/16	11-4/16	184.3
HRM063NS2	HRM063BS 2	HRM063CS 2	92	1-13/16	2-8/16	114.6

¹ = Resultant is reaction on fastener.

² = Used with a channel substructure.

The top four horizontal listings above are out-of-stock items, the remainder are custom order.

- ACCESSORIES
 - Restraint strap: 76 to 457 mm (3 to 18 inches) lengths.
- SHOP FABRICATION AND ASSEMBLY
 - Extension arms are assembled on bracket body and cannot come loose.

PRODUCT PLACEMENT

- PREPARATION
 - Ensure substrate supports are in place and capable of supporting intended loads.
- INSTALLATION
 - Place and position anchors according to setting dimensions.
 - Secure anchors
 - Adjust vertical position (if needed) with serrated washer.
 - Adjust projection by rotating extension arm.
 - Adjust projection with stone slab in place by rotating crimped nut.

Corporate Identification

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Classification and Filing

MasterFormat 1995:
Section 04080 - Masonry Anchorage and Reinforcement

UniFormat 1998:
Section B2010 - Exterior Walls

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