

HWA HOLLOW WALL ANCHORS

APPLICATIONS

Medium to heavy duty applications including:

- Coat hooks
- Television brackets
- Curtain poles
- Kitchen cupboards
- Shelves
- Wall lights

MATERIALS



See front cover foldout for details.

PRODUCT OVERVIEW - HWA HOLLOW WALL ANCHORS

NEW



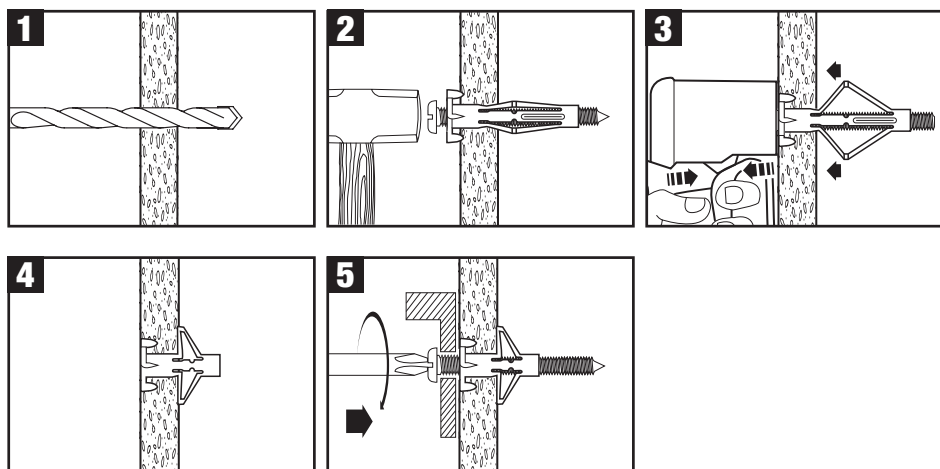
Cat No.	Thread Size [mm]	Length [mm]	Drill Dia. [mm]	Max t _{fix} [mm]	Box	Blister Pack	Pack Qty
DFM4410400	4 x 46	46	8	21	•		50
DFM441040P	4 x 46	46	8	21		•	6
DFM4410500	5 x 36	36	11	17	•		100
DFM441050P	5 x 36	36	11	17		•	6
DFM4410510	5 x 50	50	11	22	•		50
DFM441051P	5 x 50	50	11	22		•	4
DFM4410600	6 x 50	50	11	22	•		50
DFM441060P	6 x 50	50	11	22		•	4

PRODUCT OVERVIEW - SETTING TOOL



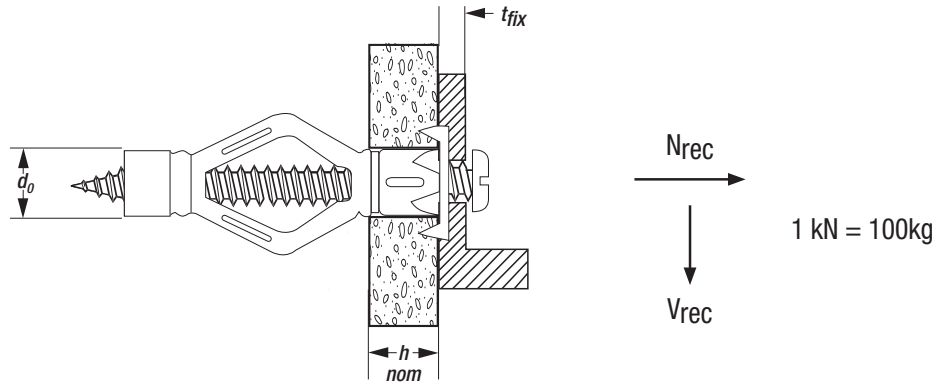
Cat No.	Box	Blister Pack	Pack Qty
DFM4401000		•	1

INSTALLATION INSTRUCTIONS



HWA HOLLOW WALL ANCHORS

TECHNICAL INFORMATION



RECOMMENDED LOADS - PLASTERBOARD - HWA



$$\frac{N_{Rk}}{\gamma_M \cdot \gamma_F} = N_{rec}$$

$\gamma_M = 2.1 \quad \gamma_f = 1.4$

Size	d_0 [mm]	h_{nom} [mm]	t_{fix}^{max} [mm]	N_{rec} & V_{rec} [kN]
4 x 46	8	10 to 24	21	0.10
5 x 36	11	10 to 15	17	0.15
5 x 50	11	10 to 15	22	0.19
6 x 50	11	10 to 15	22	0.23

HWA MULTI ANCHORS

APPLICATIONS

Light to medium duty applications including:

- Coat hooks
- Television brackets
- Kitchen cupboards

MATERIALS



See front cover foldout for details.

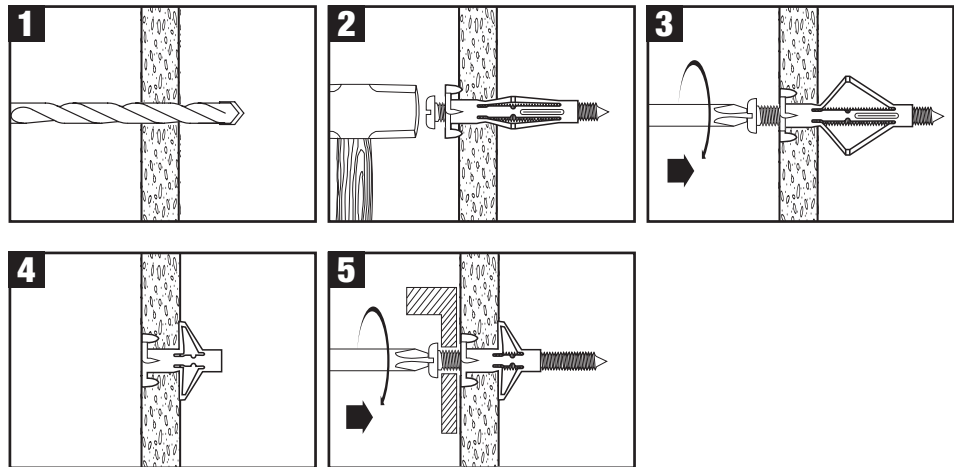
PRODUCT OVERVIEW - HWA MULTI ANCHORS

NEW

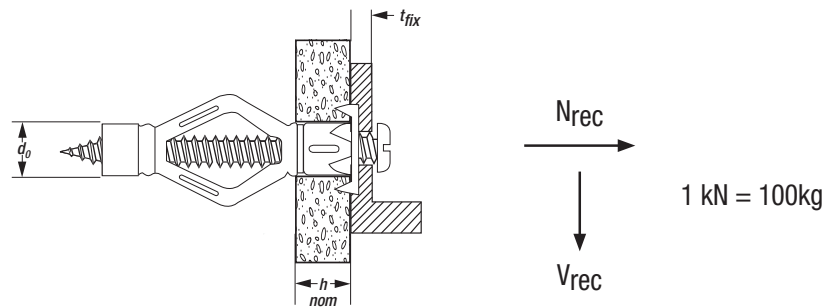


Cat No.	Thread Size [mm]	Length [mm]	Drill Dia. [mm]	Max t_{fix} [mm]	Box	Blister Pack	Pack Qty
DFM4410520	5 x 60	60	10	15	•		50
DFM441052P	5 x 60	60	10	15		•	4

INSTALLATION INSTRUCTIONS



TECHNICAL INFORMATION



RECOMMENDED LOADS - PLASTERBOARD AND CONCRETE - HWA MULTI

$$\frac{N_{Rk}}{\gamma_M \cdot \gamma_F} = N_{rec}$$

$\gamma_M = 2.1 \quad \gamma_F = 1.4$

Size	d_0 [mm]	h_{nom} [mm]	t_{fix} Max [mm]	N_{rec} [kN]	V_{rec} [kN]
5 x 60	10	12.5	15	0.15	0.15