

229 SERIES

Vertical Hold Down Clamps | Product Overview

Features:

- Cam action clamp holds workpieces of varying height
- Total clamping range of 8mm [.31in.]
- Accommodates M12 or 1/2" accessories

Applications:

- Assembly & test
- Light machining
- Welding

Also Available:

See page MC-ACC-1 for accessories

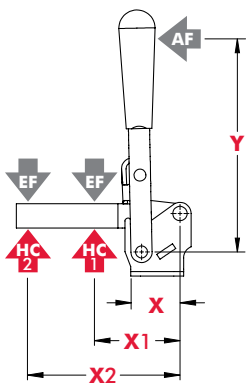
229
Flanged Base
Open Bar



Technical Information

Model	Max. Holding Capacity	Clamp Bar Opening (+10°)	Handle Opening (+10°)	Weight	Accessories (Supplied)	
					Spindle Assembly	Flanged Washers
229	4450 N [1000 lbf]	115°	180°	1,17kg [2.59lbs]	229203	247109

Holding Capacities



Model	X	X1	X2	Y	‡HC1	‡HC2	‡EF(X1):AF	‡EF(X2):AF
229	[1.53] 38,9	[3.00] 76,2	[6.12] 155,4	[7.06] 179,3	[1000lbf.] 4450N	[500lbf.] 2230N	7:1	3:1

Dimensions shown "mm [inch]" ‡ **HC** = Holding Capacity, **EF** = Exerting Force, **AF** = Applied Force
See page MC-TEC-4 for additional information.

229 SERIES

Vertical Hold Down Clamps | Dimensions

229
Flanged Base
Open Bar

