

202 SERIES

Vertical Hold Down Clamps | Product Overview

Features:

- Two bar styles available
- Low profile T-Handle version available
- Available in stainless steel
- Accommodates M6 or 1/4" spindle accessories
- BLK models feature a black, non-reflective finish
- 5 handle colors - see page MC-PRO-7 for details

Applications:

- Checking fixtures
- Assembly & test
- Light machining
- Woodworking

Also Available:

See page MC-ACC-1 for accessories

802-U Pneumatic Toggle Clamp
(See page MC-PTC-3)

202-U/USS

Flanged Base
U-Bar



-USS Stainless
Steel Model



202-UL

Flanged Base
Long U-Bar



202/-SS

Flange Base
Solid Bar



-SS Stainless
Steel Model



202-UB

Straight Base
U-bar



202-B

Straight Base
Solid Bar



202-TU

Flanged Base
U-bar,
T-Handle



202-T

Flanged Base
Solid Bar
T-Handle



202-U-L^①

Flanged Base
Open U-Bar



202-U-L-BLK^①

Blackout Series
Flanged Base
Open U-Bar



202-UB-L^①

Straight Base
Open U-Bar



202-UB-L-BLK^①

Blackout Series
Straight Base
Open U-Bar



202305

Flanged Grip.
Provides added safety
and protection. Fits all
202 Series (except
T-Handle) clamps.
Order separately.



Color Handles

Available on models
in this series that use
standard red handles.*
Add -Y, -G, -B, -K to
end of model number.

*Excludes Blackout Series,
Toggle Lock Plus levers
or dipped handles.



^① This item is available upon request

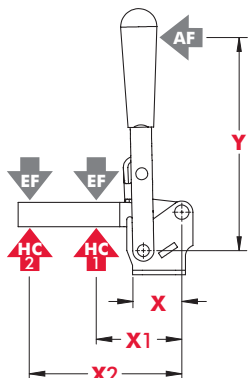
202 SERIES

Vertical Hold Down Clamps | Technical Information

					Accessories (Supplied)	
Model	Max. Holding Capacity	Clamp Bar Opening (+10°)	Handle Opening (+10°)	Weight	Spindle Assembly	Flanged Washers
202-U	[200 lbf] 890 N	105°	65°	[0.35 lbs] 0,16 kg	202208-M	215105
202-UL					202943-M	215905
202-USS	1110 N [250 lbf]				202208-M	---
202	890 N [200 lbf]			[0.33 lbs] 0,15 kg	205943-M	---
202-SS	1110 N [250 lbf]				202208-M	215105
202-UB	[200 lbf] 890 N					
202-B	0,16 kg [0.35 lbs]			202208-M	215105	
202-TU	0,15 kg [0.33 lbs]					
202-T	0,17 kg [0.38 lbs]					
202-U-L ⓘ	[0.35 lbs] 0,16 kg			---	---	
202-U-L-BLK ⓘ						
202-UB-L ⓘ						
202-UB-L-BLK ⓘ						

ⓘ This item is available upon request

Holding Capacities



Model	X	X1	X2	Y	±HC1	±HC2	±EF(X1):AF	±EF(X2):AF
202-U	[0.79] 20	[1.25] 32	[2.25] 57	[3.42] 87	[200 lbf] 890 N	[140 lbf] 625N	10:1	5:1
202-UL			[2.88] 73	87	890 N	[150 lbf] 670 N		4:1
202-USS			[2.25] 57	[3.00] 76	[250 lbf] 1110 N	[170 lbf] 760 N		5:1
202		---	[1.88] 48	[3.42] 87	---	[200 lbf] 890 N	---	8:1
202-SS			[3.00] 76	76	---	[250 lbf] 1110 N		8:1
202-UB			[1.25] 32	[2.25] 57	[200 lbf] 890 N	[140 lbf] 625N	10:1	5:1
202-B		---	[1.88] 48	87	---	[200 lbf] 890 N		8:1
202-TU		[1.25] 32	[2.25] 57	[2.13] 54	[200 lbf] 890 N	[140 lbf] 625N		7:1
202-T		---	[1.88] 48	54	---	[200 lbf] 890 N	---	6:1
202-U-L ⓘ		[1.25] 32	[2.25] 57	[3.42] 87	[200 lbf] 890 N	[140 lbf] 625N	10:1	5:1
202-U-L-BLK ⓘ								
202-UB-L ⓘ								
202-UB-L-BLK ⓘ								

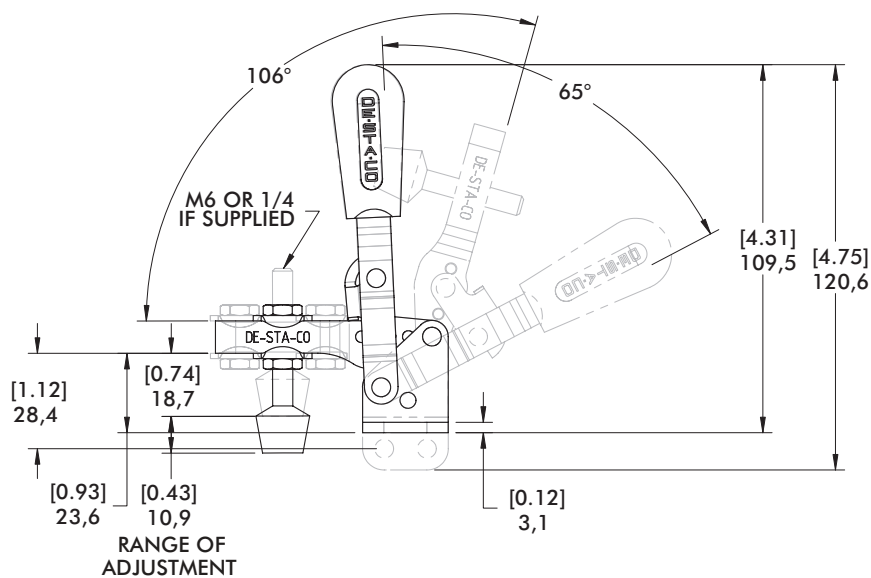
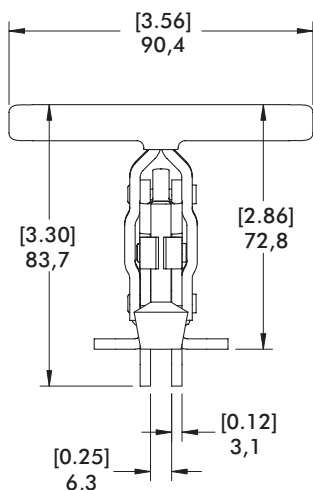
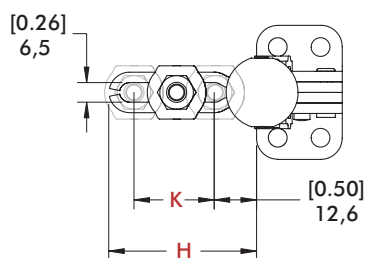
Dimensions shown "mm [inch]" ± HC = Holding Capacity, EF = Exerting Force, AF = Applied Force

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Vertical Hold Down Clamps | Dimensions | -U/-UL/-USS/-SS/-UB/-B/-TU/-T

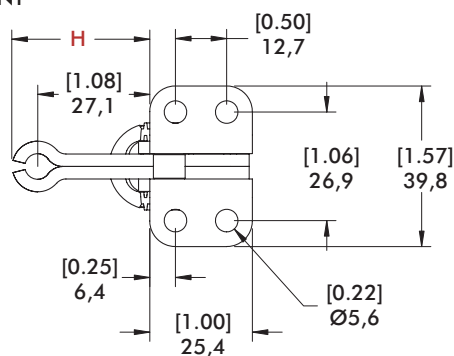
202-U Flanged Base U-Bar



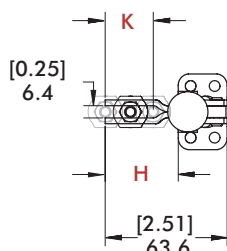
Open Bar Option



See page
MC-ACC-7
for complete
offering of open
bar accessories



Flanged Base Model 202-U-L ⓘ 202-U-L-BLK ⓘ



Straight Base Model 202-UB-L ⓘ 202-UB-L-BLK ⓘ



Bar Style	Clamp Models	H	K
	202-U/202-UB/ 202-USS/202-TU	[1.73] 43,9	[0.98] 25
	202-UL ⓘ	[2.29] 58,1	[1.51] 38,4
	202/202-B/ 202-T/202-SS	[1.31] 33,3	---
	202-U-L ⓘ/ 202-UB-L ⓘ	[1.50] 38,1	[0.99] 25,1

ⓘ This item is available upon request

VERTICAL HOLD DOWN CLAMPS

Application Example

Application Areas

Clamping during the assembling, drilling, testing, gluing, locking of covers and much more. The vertical clamp is the most frequently used product whenever clamping products are to be integrated with a manual fixture.

The essential product features

- In the clamping position, the handle is vertical
- Vertical clamps open at an angle between 75° and 215°
- Vertical clamps are offered with U-shaped or heavy-duty solid clamping bars
- Vertical clamps have a straight or flanged base.
The heavy-duty vertical clamps possess a base that can be welded on without a hole pattern

