

330, 351, 371, 381 SERIES

Pull Action Latch Clamps | Product Overview

Features:

- J-hook style latch clamps are supplied with threaded J-hooks for easy adjustment
- Supplied with patented thumb control lever for one handed operation
- DE-STA-CO® Toggle Lock Plus versions available
- Stainless steel version available as **-SS** models

Applications:

- Molding
- Closures for doors, lids, covers
- Assembly

Also Available:

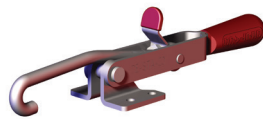
- Clamps with longer hooks available Upon Request that are 25mm, 50mm, 100mm longer than standard length
- To order clamp with longer hook, add **-M-25**, **-M-50**, or **-M-100** to the end of the model. Example: 330-**M-50**

Covered under one or more U.S./International Patents

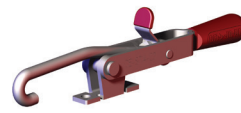
330
330-SS



351
351-SS



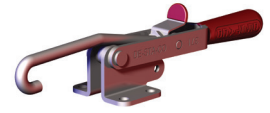
351-B
351-BSS
Narrow Base



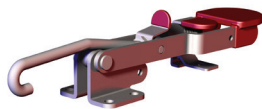
351-R
with
DE-STA-CO®
Toggle Lock
Plus



371
371-SS



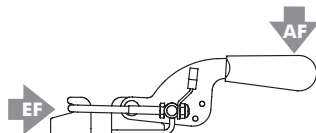
371-R
with DE-STA-CO®
Toggle Lock
Plus



381
381-SS



Technical Information, Holding Capacities



| Model | Max. Holding Capacity | Weight | EF:AF | Drawing Movement | Replacement Hook Assembly | Hook Adj. Range |
|---------|-----------------------|-----------------|-------|------------------|---------------------------|-----------------|
| 330 | 900 N [200 lbf] | 0,11kg [0.24lb] | 17:1 | 59,7 [2.35] | 330215 | 7.4 [0.29] |
| 330-SS | | | | | 330915 | |
| 351 | 1670 N [375 lbf] | 0,28kg [0.61lb] | 21:1 | 101,6 [4.00] | 351215 | 12.4 [0.49] |
| 351-SS | 2000 N [450 lbf] | | | | 351915 | |
| 351-B | 1670 N [375 lbf] | | | | 351215 | |
| 351-BSS | | | | | 351915 | |
| 351-R | | | | | 351215 | |
| 371 | 3340 N [750 lbf] | 0,69kg [1.53lb] | 36:1 | 136,7 [5.38] | 371215 | 23.9 [0.94] |
| 371-SS | | 371915 | | | | |
| 371-R | | 0,85kg [1.88lb] | | | 371215 | |
| 381 | 4450 N [1000 lbf] | 1,16kg [2.56lb] | 37:1 | 155,7 [6.13] | 381215 | 29.7 [1.17] |
| 381-SS | | | | | 381915 | |

EF = Exerting Force, AF = Applied Force

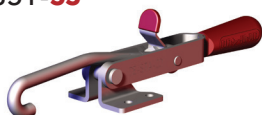
330, 351, 371, 381 SERIES

Pull Action Latch Clamps | Dimensions | 330/351/371/381/-SS/-B/-BSS

330
330-SS



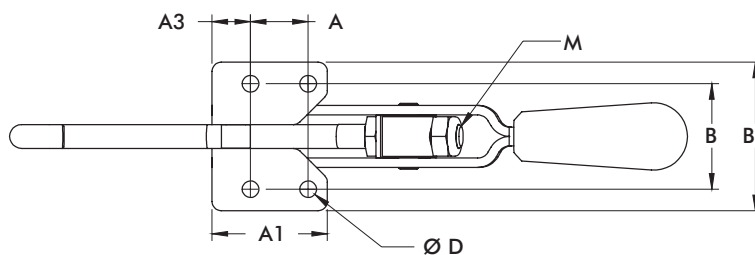
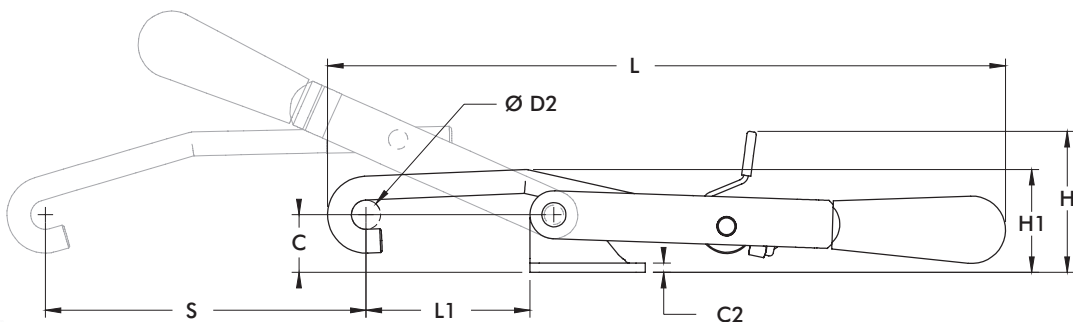
351
351-SS



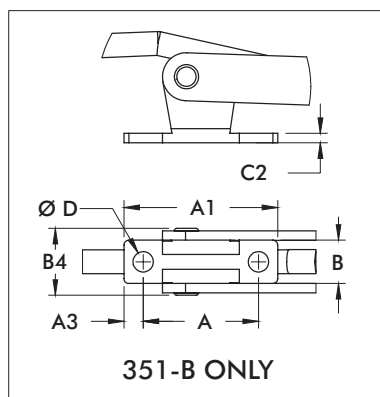
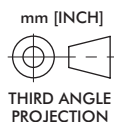
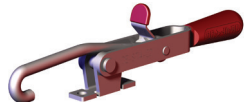
371
371-SS



381
381-SS



351-B
351-BSS
Narrow Base



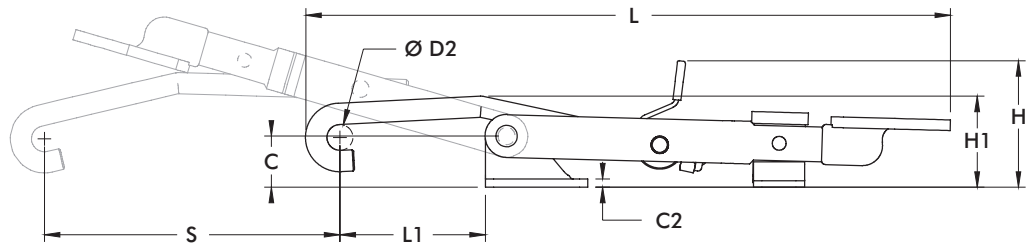
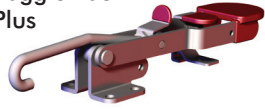
| Model | A | A1 | A3 | B |
|--------|--------|--------|--------|--------|
| 330 | [0.50] | [1.00] | [0.25] | [1.22] |
| 330-SS | 12,7 | 25,4 | 6,4 | 30,9 |
| 351 | [0.75] | [1.50] | [0.50] | [1.37] |
| 351-SS | 19,1 | 38,1 | 12,7 | 34,8 |
| 351-B | [1.50] | [2.00] | [0.25] | [0.56] |
| | 38,1 | 38,1 | 6,4 | 14,3 |
| 371 | [1.25] | [1.94] | [0.34] | [1.94] |
| 371-SS | 31,8 | 49,2 | 8,7 | 49,2 |
| 381 | [1.13] | [2.13] | [0.50] | [2.37] |
| 381-SS | 28,6 | 54,1 | 12,7 | 60,3 |

| Model | B1 | B4 | C | C2 | ØD | ØD2 | H | H1 | L | L1 Max | M | S |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-----|--------|
| 330 | [1.69] | - | [0.56] | [0.12] | [0.22] | [0.32] | [1.43] | [0.89] | [6.01] | [1.70] | M5 | [2.35] |
| 330-SS | 42,9 | - | 14,2 | 3,1 | 5,6 | 8,1 | 36,2 | 22,6 | 152,7 | 43,3 | | 59,7 |
| 351 | [1.93] | - | [0.75] | | [0.22] | | [1.83] | [1.34] | | [2.13] | | |
| 351-SS | 49,1 | - | 19,1 | [0.12] | 5,5 | [0.38] | 46,6 | 34 | [8.82] | 54,2 | M8 | [4.00] |
| | | | | 3,1 | | 9,7 | | | 224 | | | 101,6 |
| 351-B | - | [0.87] | [0.86] | | [0.27] | | [1.94] | [1.45] | | [1.63] | | |
| | | 22,1 | 21,8 | | 6,7 | | 49,3 | 36,8 | | 41,4 | | |
| 371 | [2.63] | - | [1.42] | [0.16] | [0.34] | [0.50] | [2.58] | [2.23] | [11.89] | [2.81] | M10 | [5.38] |
| 371-SS | 66,7 | - | 36,1 | 4 | 8,7 | 12,7 | 65,6 | 56,5 | 302 | 71,5 | | 136,7 |
| 381 | [3.38] | - | [1.81] | [0.19] | [0.41] | [0.62] | [2.90] | [2.71] | [13.45] | [3.13] | M12 | [6.13] |
| 381-SS | 85,9 | - | 46 | 4,7 | 10,3 | 15,7 | 73,6 | 68,8 | 341,7 | 79,5 | | 155,7 |

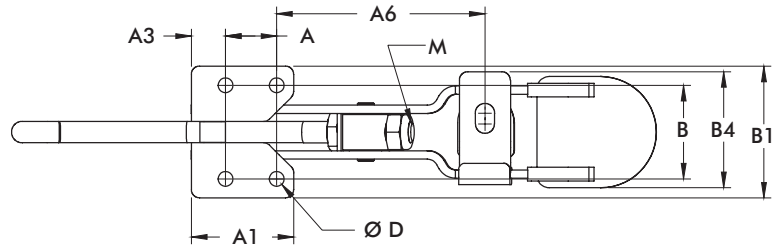
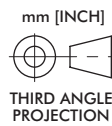
351-R, 371-R SERIES

Pull Action Latch Clamps | Dimensions

371-R
with
DE-STA-CO®
Toggle Lock
Plus

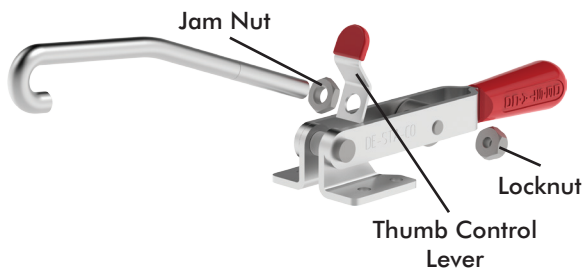


351-R
with
DE-STA-CO®
Toggle Lock
Plus

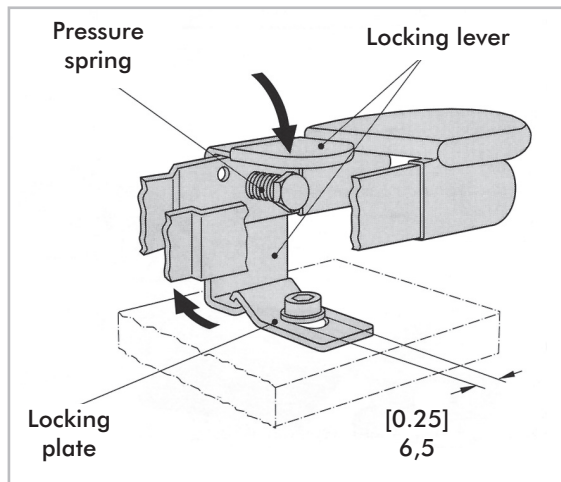


| Model | A | A1 | A3 | A6 | B | B1 | B4 | C | C2 | ØD | H | H1 |
|-------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|----------------|
| 351-R | [0.75] 19,1 | [1.50] 38,1 | [0.50] 12,7 | [3.06] 77,7 | [1.37] 34,8 | [1.93] 49,1 | [1.70] 19,1 | [0.75] 19,1 | [0.12] 3,1 | [0.22] 5,5 | [1.85] 47,1 | [1.34] 33,9 |
| 371-R | [1.25] 31,8 | [1.94] 49,2 | [0.34] 8,7 | [4.73] 120,1 | [1.94] 49,2 | [2.63] 66,7 | [2.25] 57,2 | [1.42] 36,1 | [0.16] 4 | [0.34] 8,7 | [2.65] 67,4 | [2.22] 56,3 |

| Model | L | L1 | M | S |
|-------|------------------|----------------|-----|---------------|
| 351-R | [9.45] 240 | [2.13] 54,2 | M8 | [4.33] 110 |
| 371-R | [12.74] 323,6 | [2.81] 71,4 | M10 | [5.59] 142 |



For added convenience, DE-STA-CO Pull Action Toggle Clamps are supplied with a thumb control lever.



Model 351-R, 371-R

Information concerning the assembly and function of the clamps locking mechanism

The locking plate which is supplied with the unit must be fastened with a screw (M6 or 1/4-20) as shown in this illustration. The screw head should be flat.

Function

When closing the latch clamp, the locking lever engages automatically. Actuate the locking lever to open the clamp.

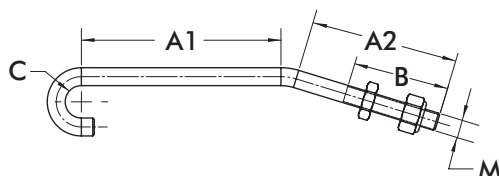
| Replacement Thumb Control Lever | Used on Clamp Model |
|---------------------------------|-----------------------------|
| 330-ZB1 | 330 |
| 351-ZB1 | 351, 351-B 351-R, 351-SS |
| 371-ZB1 | 371, 371-R 371-SS |
| 381-ZB1 | 381, 381-SS |

351-R, 371-R SERIES

Pull Action Latch Clamps | Replacement Hook Assembly Dimensions

| Replacement Hook Assembly | Used on Clamp Model | A1 | A2 | B | ØC | M | Material | | | | |
|---------------------------|---|--------------|-----------------|----------------|----------------|------------|-----------------|----------------|----------------|------------|-------|
| 330215 | 330 | [2.00] 50,8 | [1.50] 38,1 | [0.75] 19,1 | [0.32] 8,1 | M5 x 0.8 | Steel | | | | |
| 330215-M-25 ⓘ | 330-M-25 | [3.00] 76,2 | | | | | | | | | |
| 330215-M-50 ⓘ | 330-M-50 | [4.00] 101,6 | | | | | | | | | |
| 330215-M-100 ⓘ | 330-M-100 | [6.00] 152,4 | | | | | [3.38] 85,9 | [1.63] 41,4 | [0.38] 9,6 | M8 x 1.25 | Steel |
| 330915 | 330-SS | [2.00] 50,8 | | | | | | | | | |
| 330915-M-25 ⓘ | 330-SS-M-25 | [3.00] 76,2 | | | | | | | | | |
| 330915-M-50 ⓘ | 330-SS-M-50 | [4.00] 101,6 | | | | | | | | | |
| 330915-M-100 ⓘ | 330-SS-M-100 | [6.00] 152,4 | [4.16] 105,7 | [2.22] 56,4 | [0.50] 12,7 | M10 x 1.50 | Stainless Steel | | | | |
| 351215 | 351 351-B 351-R | [2.09] 53,1 | | | | | | | | | |
| 351215-M-25 ⓘ | 351-M-25 351-B-M-25 351-R-M-25 | [3.09] 78,5 | | | | | | | | | |
| 351215-M-50 ⓘ | 351-M-50 351-B-M-50 351-R-M-50 | [4.09] 103,9 | | | | | | | | | |
| 351215-M-100 ⓘ | 351-M-100 351-B-M-100 351-R-M-100 | [6.09] 154,7 | | | | | | | | | |
| 351915 | 351-SS | [2.09] 53,1 | | | | | [4.63] 117,6 | [2.50] 63,5 | [0.62] 15,8 | M12 x 1.75 | Steel |
| 351915-M-25 ⓘ | 351-SS-M-25 | [3.09] 78,5 | | | | | | | | | |
| 351915-M-50 ⓘ | 351-SS-M-50 | [4.09] 103,9 | | | | | | | | | |
| 351915-M-100 ⓘ | 351-SS-M-100 | [6.09] 154,7 | | | | | | | | | |
| 371215 | 371 371-R | [2.94] 74,7 | | | | | | | | | |
| 371215-M-25 ⓘ | 371-M-25 371-R-M-25 | [3.94] 100 | | | | | | | | | |
| 371215-M-50 ⓘ | 371-M-50 371-R-M-50 | [4.94] 125,5 | | | | | | | | | |
| 371215-M-100 ⓘ | 371-M-100 371-R-M-100 | [6.94] 176,3 | | | | | | | | | |
| 371915 | 371-SS | [2.94] 74,7 | [4.63] 117,6 | [2.50] 63,5 | [0.62] 15,8 | M12 x 1.75 | Stainless Steel | | | | |
| 371915-M-25 ⓘ | 371-SS-M-25 | [3.94] 100 | | | | | | | | | |
| 371915-M-50 ⓘ | 371-SS-M-50 | [4.94] 125,5 | | | | | | | | | |
| 371915-M-100 ⓘ | 371-SS-M-100 | [6.94] 176,3 | | | | | | | | | |
| 381215 | 381 | [3.00] 76,2 | | | | | | | | | |
| 381215-M-25 ⓘ | 381-M-25 | [4.00] 101,6 | | | | | | | | | |
| 381215-M-50 ⓘ | 381-M-50 | [5.00] 127 | | | | | | | | | |
| 381215-M-100 ⓘ | 381-M-100 | [7.00] 177,8 | | | | | | | | | |
| 381915 | 381-SS | [3.00] 76,2 | [4.63] 117,6 | [2.50] 63,5 | [0.62] 15,8 | M12 x 1.75 | Steel | | | | |
| 381915-M-25 ⓘ | 381-SS-M-25 | [4.00] 101,6 | | | | | | | | | |
| 381915-M-50 ⓘ | 381-SS-M-50 | [5.00] 127 | | | | | | | | | |
| 381915-M-100 ⓘ | 381-SS-M-100 | [7.00] 177,8 | | | | | | | | | |

ⓘ This item is available upon request.



323, 331, 341 SERIES

Pull Action Latch Clamps | Product Overview

Features:

- U-hook style latch clamps are supplied with threaded U-hooks for easy adjustment
- Supplied with latch plate and patented thumb control lever for one handed operation
- DE-STA-CO® Toggle Lock Plus versions available
- Stainless steel version available as **-SS** models

Applications:

- Molding
- Closures for doors, lids, covers
- Assembly

Also Available:

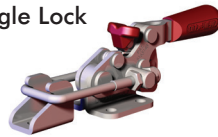
- Clamps with longer hooks available Upon Request that are 25mm, 50mm, 100mm longer than standard length
- To order clamp with longer hook, add **-M-25**, **-M-50**, or **-M-100** to the end of the model. Example: 323-**M-50**

Covered under one or more U.S./International Patents

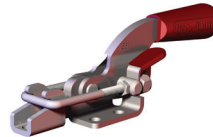
323
323-SS



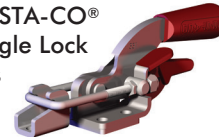
323-R
323-RSS
with DE-STA-CO®
Toggle Lock
Plus



331
331-SS



331-R
331-RSS
with
DE-STA-CO®
Toggle Lock
Plus



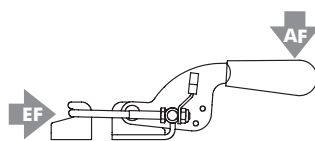
341
341-SS



341-R
341-RSS
with DE-STA-CO®
Toggle Lock
Plus



Technical Information, Holding Capacities



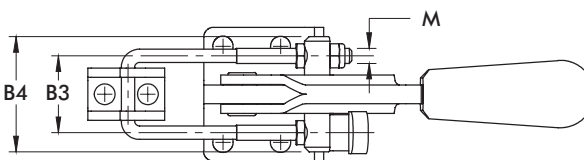
| Model | Max. Holding Capacity | Weight | EF:AF | Drawing Movement | Latch Plate (Supplied) | Replacement Hook Assembly | Hook Adj. Range |
|---------|-----------------------|--------------------|-------|------------------|------------------------|---------------------------|-----------------|
| 323 | | | | 30 [1.18] | 323104-M | 323215 | |
| 323-SS | 1600 N [360 lbf] | 0,07kg [0.15lb] | 27:1 | | 323104-MSS | 323915 | [0.36] |
| 323-R | | | | 29,7 [1.17] | 323104-M | 323215 | 9,1 |
| 323-RSS | | | | | 323104-MSS | 323915 | |
| 331 | | | | | 331005 | 331215 | |
| 331-SS | 3200 N [720 lbf] | 0,25kg [0.56lb] | 32:1 | 44,5 [1.75] | 331905 | 331915 | [0.87] |
| 331-R | | | | | 331005 | 331215 | 22,1 |
| 331-RSS | | | | | 331905 | 331915 | |
| 341 | | | | | 341005 | 341215 | |
| 341-SS | 8900 N [2000 lbf] | 0,65kg [1.43lb] | 29:1 | 63,5 [2.50] | 341905 | 341915 | [0.97] |
| 341-R | | | | | 341005 | 341215 | 24,6 |
| 341-RSS | | | | | 341905 | 341915 | |

EF = Exerting Force, AF = Applied Force

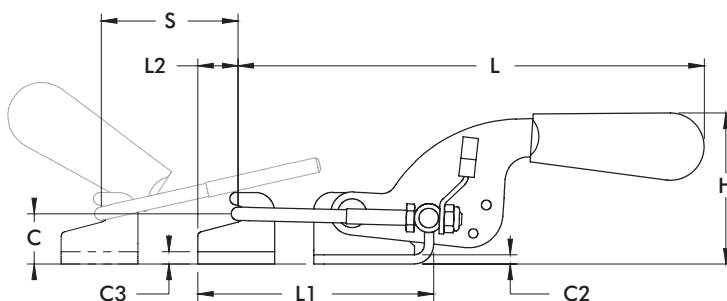
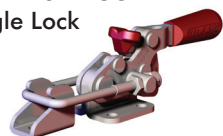
323, 323-R, 331, 341 SERIES

Pull Action Latch Clamps | Dimensions | 323/331/341/-SS/-R/-RSS

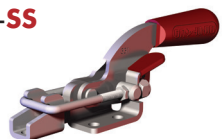
323
323-SS



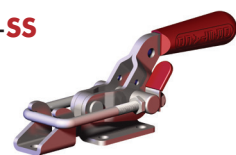
323-R
323-RSS
with DE-STA-CO®
Toggle Lock
Plus



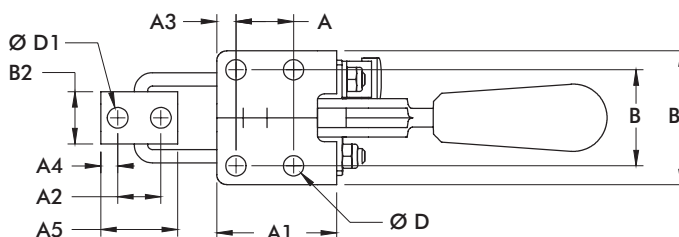
331
331-SS



341
341-SS



mm [INCH]
THIRD ANGLE
PROJECTION



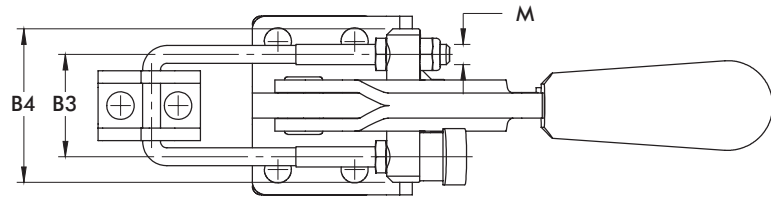
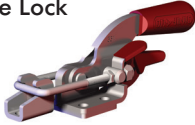
| Model | A | A1 | A2 | A3 | A4 | A5 | B | B1 | B2 | B3 | B4 | C | C2 |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 323 | | | | | | | | | | | | | |
| 323-SS | [0.63] | [1.02] | [0.39] | [0.20] | [0.24] | [0.79] | [0.75] | [1.10] | [0.52] | [0.75] | [1.10] | [0.47] | [0.08] |
| 323-R | 16 | 26 | 10 | 5 | 6 | 20 | 19 | 28 | 13,2 | 19,1 | 28 | 12 | 2 |
| 323-RSS | | | | | | | | | | | | | |
| 331 | [0.75] | [1.56] | [0.56] | [0.25] | [0.22] | [1.00] | [1.25] | [1.74] | [0.68] | [1.00] | [1.50] | [0.66] | [0.12] |
| 331-SS | 19,1 | 39,7 | 14,3 | 6,4 | 5,6 | 25,4 | 31,8 | 44,3 | 17,3 | 25,4 | 38,1 | 16,7 | 3,1 |
| 341 | [1.63] | [2.38] | [0.75] | [0.38] | [0.38] | [1.50] | [1.50] | [2.12] | [1.19] | [1.75] | [2.38] | [0.94] | [0.16] |
| 341-SS | 41,3 | 60.5 | 19.1 | 9.7 | 9.5 | 38.1 | 38.1 | 53.8 | 30.1 | 44.5 | 60.5 | 23.8 | 4 |

| Model | C3 | ØD | ØD2 | H | L | L1 MAX | L2 | M | S |
|---------|--------|--------|--------|--------|--------|--------|--------|----|--------|
| 323 | | | | | | | | | |
| 323-SS | [0.08] | [0.17] | [0.17] | [1.19] | [3.88] | [2.32] | [0.37] | M4 | [1.18] |
| 323-R | 2 | 4,2 | 4,2 | 30,3 | 98,6 | 58,9 | 9,3 | | 30 |
| 323-RSS | | | | | | | | | |
| 331 | [0.12] | [0.27] | [0.27] | [1.97] | [6.07] | [3.07] | [0.52] | M5 | [1.75] |
| 331-SS | 3,1 | 6,7 | 6,9 | 50 | 154,2 | 78 | 13,3 | | 45,5 |
| 341 | [0.16] | [0.33] | [0.33] | [2.89] | [8.20] | [4.59] | [0.75] | M8 | [2.50] |
| 341-SS | 4 | 8,5 | 8,5 | 73,4 | 208,3 | 116,6 | 19,1 | | 63,5 |

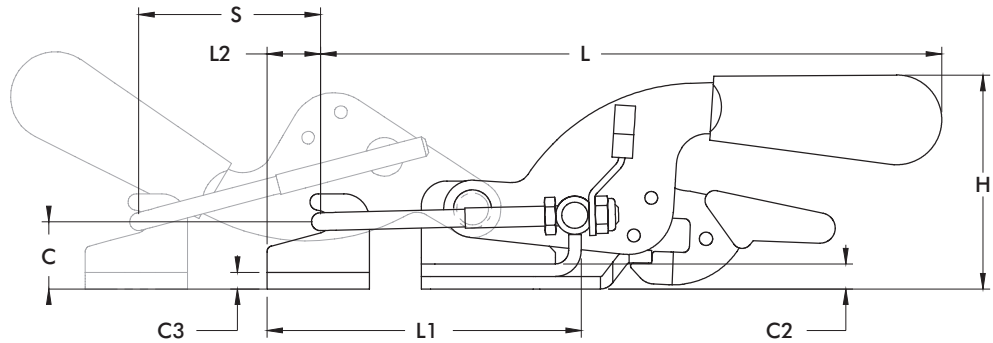
331-R, 341-R SERIES

Pull Action Latch Clamps | Dimensions | -R/-RSS

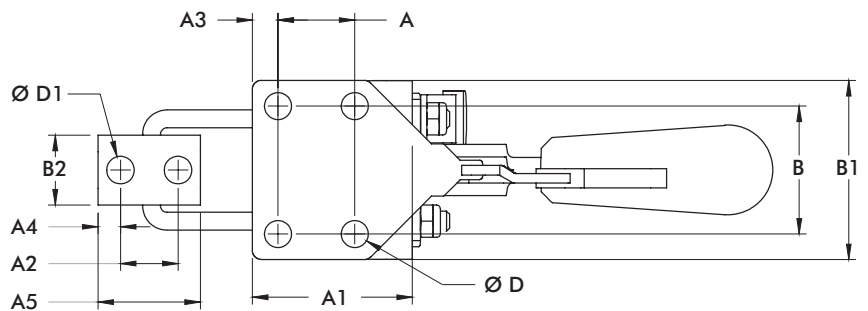
331-R
331-RSS
with
DE-STA-CO®
Toggle Lock
Plus



341-R
341-RSS
with DE-STA-CO®
Toggle Lock
Plus



mm [INCH]
THIRD ANGLE
PROJECTION



| Model | A | A1 | A2 | A3 | A4 | A5 | B | B1 | B2 | B3 | B4 | C | C2 |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 331-R | [0.75] | [1.56] | [0.56] | [0.25] | [0.22] | [1.00] | [1.25] | [1.74] | [0.68] | [1.00] | [1.50] | [0.66] | [0.12] |
| 331-RSS | 19,1 | 39,7 | 14,3 | 6,4 | 5,6 | 25,4 | 31,8 | 44,3 | 17,3 | 25,4 | 38,1 | 16,7 | 3,1 |
| 341-R | [1.63] | [2.38] | [0.75] | [0.38] | [0.38] | [1.50] | [1.50] | [2.12] | [1.19] | [1.75] | [2.38] | [0.94] | [0.16] |
| 341-RSS | 41,3 | 60,5 | 19,1 | 9,7 | 9,5 | 38,1 | 38,1 | 53,8 | 30,1 | 44,5 | 60,5 | 23,8 | 4 |

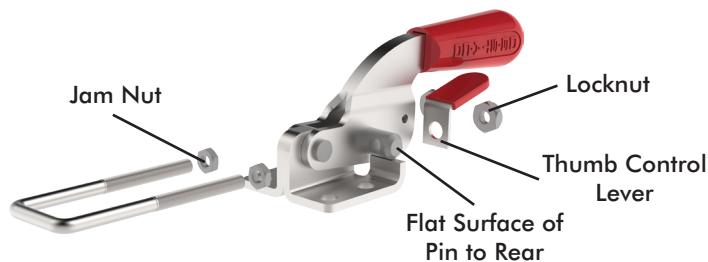
| Model | C3 | ØD | ØD2 | H | L | L1 MAX | L2 | M | S |
|---------|--------|--------|--------|--------|--------|--------|--------|----|--------|
| 331-R | [0.12] | [0.27] | [0.27] | [2.01] | [6.07] | [3.07] | [0.52] | M5 | [1.75] |
| 331-RSS | 3,1 | 6,7 | 6,9 | 53,1 | 154,2 | 78 | 13,3 | M5 | 45,5 |
| 341-R | [0.16] | [0.33] | [0.33] | [2.89] | [8.20] | [5.24] | [0.77] | M8 | [2.50] |
| 341-RSS | 4 | 8,5 | 8,5 | 73,4 | 208,3 | 133,2 | 19,4 | M8 | 63,5 |

323, 331, 341 SERIES

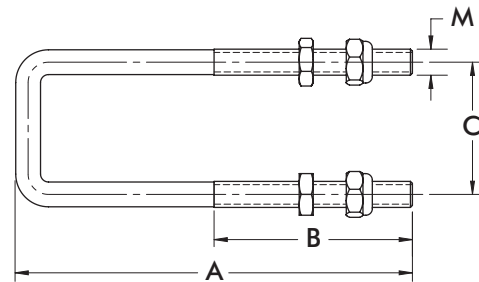
Pull Action Latch Clamps | Replacement Hook Assembly Dimensions

| Replacement Hook Assembly | Used on Clamp Model | A | B | C | M | Material |
|---------------------------|-----------------------------|--------------|-------------|-------------|-----------|-----------------|
| 323215 | 323, 323-R | [2.12] 53,8 | | | | Steel |
| 323215-M-25 ⓘ | 323-M-25, 323-R-M-25 | [3.12] 79,2 | | | | |
| 323215-M-50 ⓘ | 323-M-50, 323-R-M-50 | [4.12] 104,6 | | | | |
| 323215-M-100 ⓘ | 323-M-100, 323-R-M-100 | [6.12] 155,4 | | | | |
| 323915 | 323-SS, 323-RSS | [2.12] 53,8 | [0.94] 23,8 | [0.75] 19,1 | M4 x 0.7 | Stainless Steel |
| 323915-M-25 ⓘ | 323-SS-M-25, 323-RSS-M-25 | [3.12] 79,2 | | | | |
| 323915-M-50 ⓘ | 323-SS-M-50, 323-RSS-M-50 | [4.12] 104,6 | | | | |
| 323915-M-100 ⓘ | 323-SS-M-100, 323-RSS-M-100 | [6.12] 155,4 | | | | |
| 331215 | 331, 331-R | [3.00] 76,2 | | | | Steel |
| 331215-M-25 ⓘ | 331-M-25, 331-R-M-25 | [4.00] 101,6 | | | | |
| 331215-M-50 ⓘ | 331-M-50, 331-R-M-50 | [5.00] 127 | | | | |
| 331215-M-100 ⓘ | 331-M-100, 331-R-M-100 | [7.00] 177,8 | | | | |
| 331915 | 331-SS, 331-RSS | [3.00] 76,2 | [1.50] 38,1 | [1.00] 25,4 | M5 x 0.8 | Stainless Steel |
| 331915-M-25 ⓘ | 331-SS-M-25, 331-RSS-M-25 | [4.00] 101,6 | | | | |
| 331915-M-50 ⓘ | 331-SS-M-50, 331-RSS-M-50 | [5.00] 127 | | | | |
| 331915-M-100 ⓘ | 331-SS-M-100, 331-RSS-M-100 | [7.00] 177,8 | | | | |
| 341215 | 341, 341-R | [4.31] 109,5 | | | | Steel |
| 341215-M-25 ⓘ | 341-M-25, 341-R-M-25 | [5.31] 135 | | | | |
| 341215-M-50 ⓘ | 341-M-50, 341-R-M-50 | [6.31] 160,2 | | | | |
| 341215-M-100 ⓘ | 341-M-100, 341-R-M-100 | [8.31] 211 | | | | |
| 341915 | 341-SS, 341-RSS | [4.31] 109,5 | [1.97] 50 | [1.75] 44,5 | M8 x 1.25 | Stainless Steel |
| 341915-M-25 ⓘ | 341-SS-M-25, 341-RSS-M-25 | [5.31] 135 | | | | |
| 341915-M-50 ⓘ | 341-SS-M-50, 341-RSS-M-50 | [6.31] 160,2 | | | | |
| 341915-M-100 ⓘ | 341-SS-M-100, 341-RSS-M-100 | [8.31] 211 | | | | |

ⓘ This item is available upon request.



For added convenience, DE-STA-CO Pull Action Toggle Clamps are supplied with a thumb control lever that allows the clamp to be operated with one hand.



| Replacement Thumb Control Lever | Used on Clamp Model |
|---------------------------------|-------------------------------|
| 324-ZB1 | 323, 323-SS |
| 330-ZB1 | 331, 331-SS 331-R, 331-RSS |
| 341-ZB1 | 341, 341-SS 341-R, 341-RSS |

375 SERIES

Pull Action Latch Clamps | Product Overview

Features:

- Heavy duty U-hook style latch clamps are supplied with threaded U-hooks for easy adjustment
- Supplied patented thumb control lever for one handed operation
- DE-STA-CO® Toggle Lock Plus versions available

Applications:

- Molding
- Closures for doors, lids, covers
- Assembly

Also Available:

- Clamps with longer hooks available Upon Request that are 25mm, 50mm, 100mm longer than standard length
- To order clamp with longer hook, add **-M-25**, **-M-50**, or **-M-100** to the end of the model. Example: 375-**M-50**

Covered under one or more U.S./International Patents

375



375-R
with
DE-STA-CO®
Toggle Lock
Plus



375-B
Weld-on
Mounting



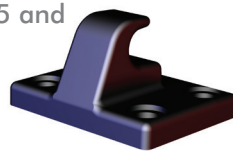
375-BR ⓘ
Weld-on
Mounting
with DE-STA-CO®
Toggle Lock
Plus



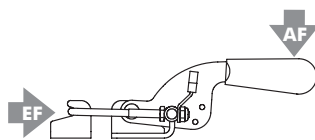
375509
Cleat



385102
Optional
Latch Plate
for 375 and
375-R



Technical Information, Holding Capacities



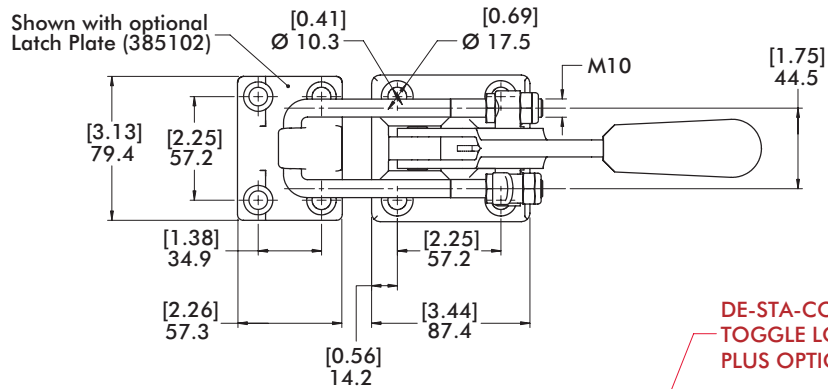
| Model | Max. Holding Capacity | Weight | EF:AF | Drawing Movement | Latch Plate | Replacement Hook Assembly | Hook Adj. Range |
|----------|-----------------------|--------------------|-------|------------------|----------------------|---------------------------|-----------------|
| 375 | [4000 lbf] 17800 N | [2.94lb] 1,33kg | 44:1 | 88,9 [3.50] | 385102 (Optional) | 375215 | [0.81] 20,5 |
| 375-R | | [3.0lb] 1,36kg | | | | | |
| 375-B | | [2.56lb] 1,16kg | | | 375509 (Supplied) | | |
| 375-BR ⓘ | | [2.62lb] 1,19kg | | | | | |

ⓘ This item is available upon request. **EF** = Exerting Force, **AF** = Applied Force

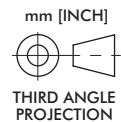
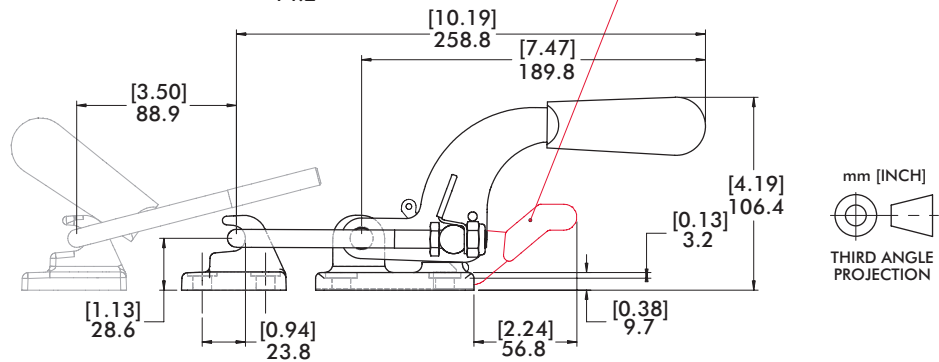
375, 375-R, 5-B, 375-BR SERIES

Pull Action Latch Clamps | Dimensions

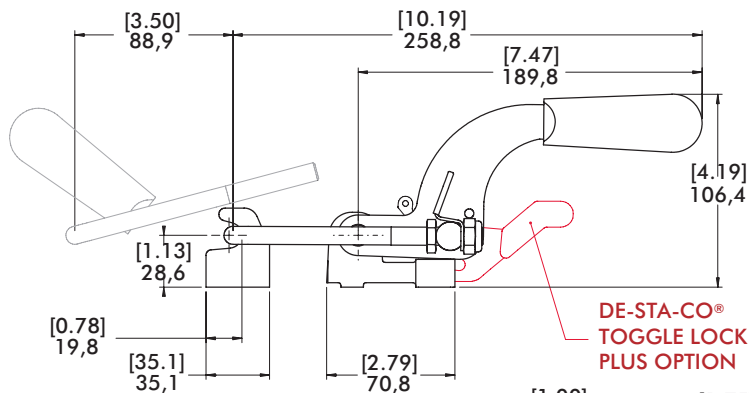
375



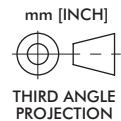
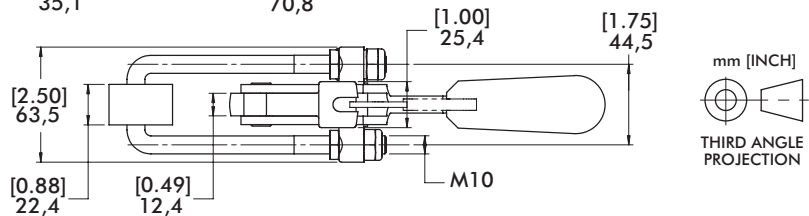
375-R
with
DE-STA-CO®
Toggle Lock
Plus



375-B
Weld-on
Mounting



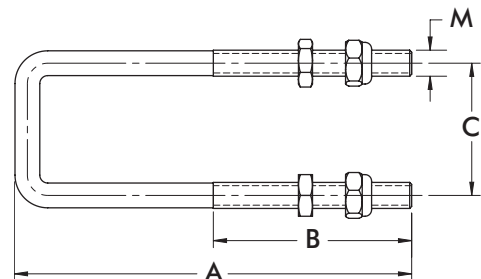
375-BR[®]
Weld-on
Mounting
with DE-STA-CO®
Toggle Lock
Plus



Replacement Hook Assembly

| | A | B | C | M |
|--------|------------|-------------|-------------|------------|
| 375215 | [5.72] 145 | 50,8 [2.00] | [1.75] 44,5 | M10 x 1.50 |

Hook assembly includes (2) jam nuts and (2) locknuts. Longer hook lengths available Upon Request. 375215-M-25, 375215-M-50, 375215-M-100



385 SERIES

Pull Action Latch Clamps | Product Overview

Features:

- Heavy duty U-hook style latch clamps are supplied with threaded U-hooks for easy adjustment
- Supplied with patented thumb control lever for one handed operation
- DE-STA-CO® Toggle Lock Plus versions available

Applications:

- Molding
- Closures for doors, lids, covers
- Assembly

Also Available:

- Clamps with longer hooks available Upon Request that are 25mm, 50mm, 100mm longer than standard length
- To order clamp with longer hook, add **-M-25**, **-M-50**, or **-M-100** to the end of the model. Example: 385-**M-50**

Covered under one or more U.S./International Patents

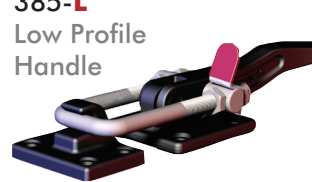
385



385-R
with DE-STA-CO®
Toggle Lock
Plus



385-L
Low Profile
Handle



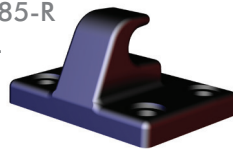
385-V2A ⓘ
Stainless Steel



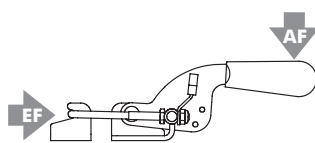
375509
Cleat



385102
Optional
Latch Plate
for 385, 385-R
and 385-L



Technical Information, Holding Capacities



| Model | Max. Holding Capacity | Weight | EF:AF | Drawing Movement | Latch Plate | Replacement Hook Assembly | Hook Adj. Range |
|-----------|-----------------------|-------------------|-------|------------------|--|---------------------------|-----------------|
| 385 | | [3.3lb] 1,50kg | 44:1 | 55,6 [2.19] | 385102 (Optional) 375509 (Optional) | 385215 | [1.36] 34,5 |
| 385-R | [7500 lbf] 33300 N | [3.4lb] 1,54kg | | | | | |
| 385-L | | [3.3lb] 1,50kg | | | | | |
| 385-V2A ⓘ | [6000 lbf] 26700 N | | | | Supplied | ⓘ 385915 | [1.77] 45 |

ⓘ This item is available upon request. **EF** = Exerting Force, **AF** = Applied Force

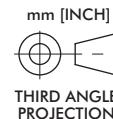
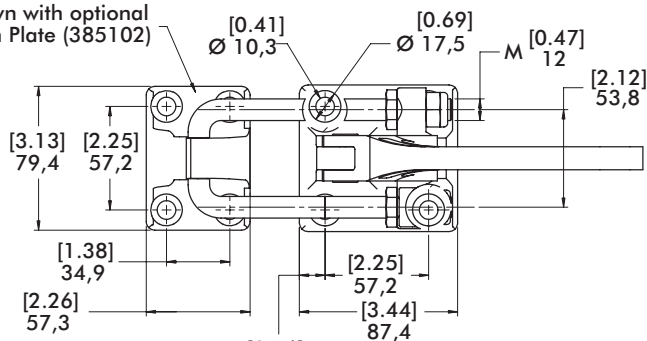
385, 385-R, 385-L SERIES

Pull Action Latch Clamps | Dimensions

385

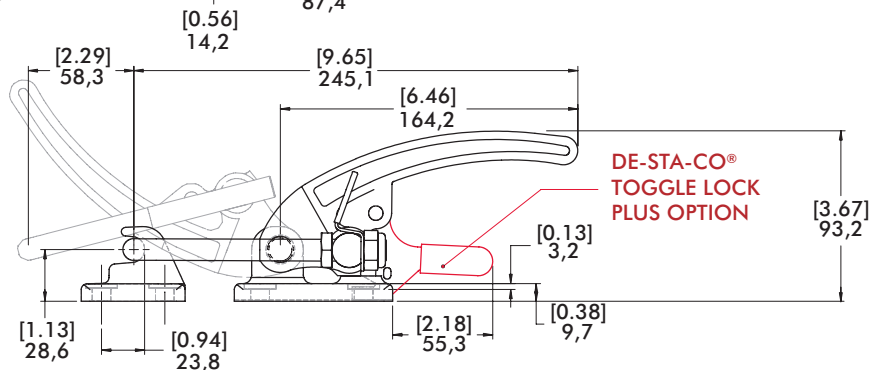
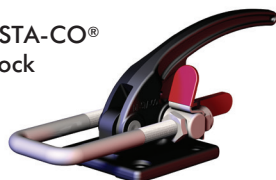


Shown with optional Latch Plate (385102)



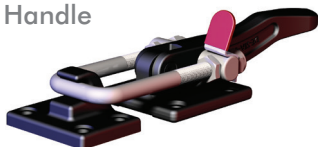
385-R

with DE-STA-CO® Toggle Lock Plus

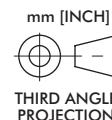
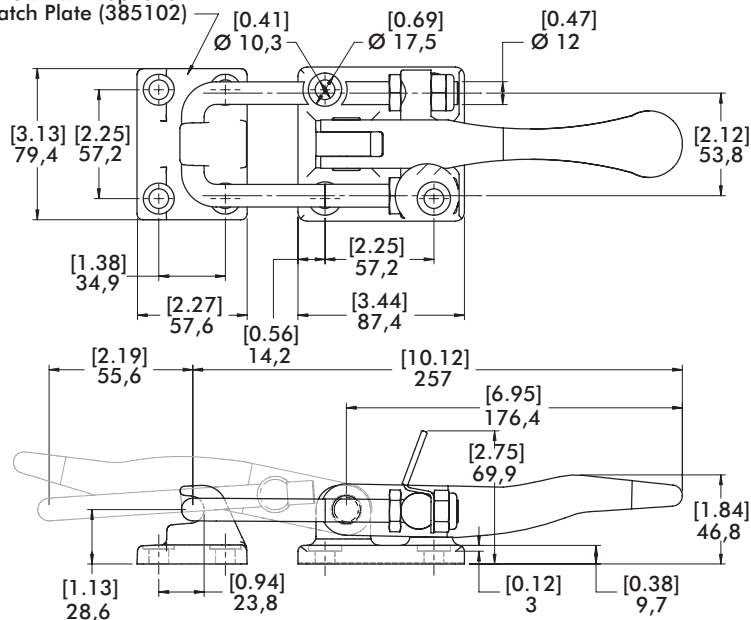


385-L

Low Profile Handle



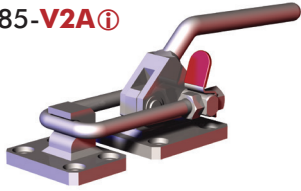
Shown with optional Latch Plate (385102)



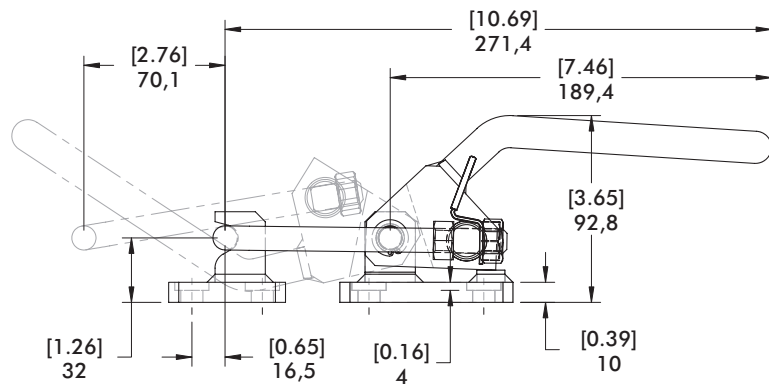
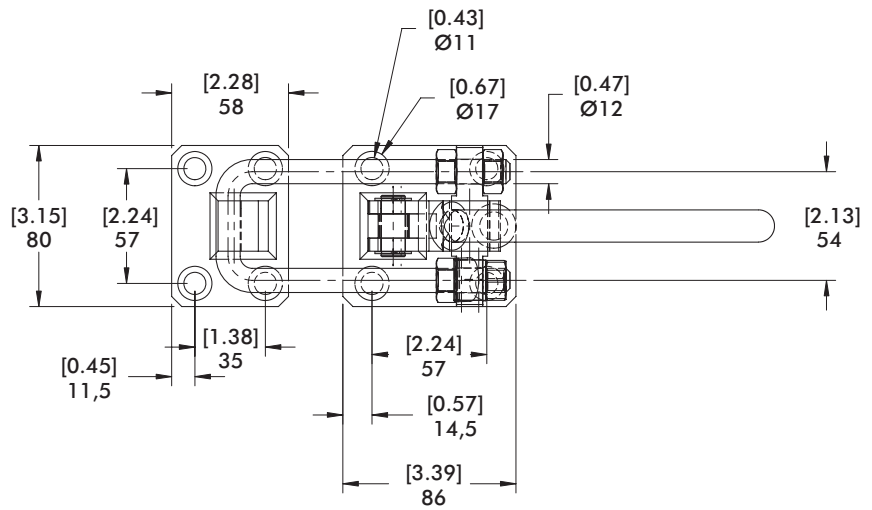
385-V2A SERIES

Pull Action Latch Clamps | Dimensions

385-V2A



i This item is available upon request

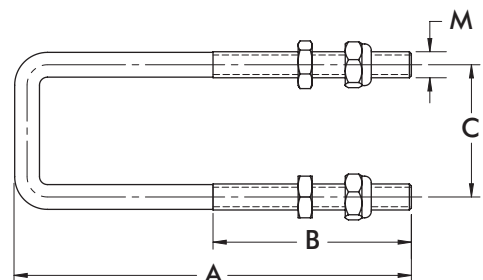


mm [INCH]
THIRD ANGLE PROJECTION

| Replacement Hook Assembly | Used on Clamp Model | A | B | C | M | Material |
|---------------------------|---------------------------------------|--------------|-----------|-------------|------------|-----------------|
| 385215 | 385, 385-R, 385-L | [5.72] 145,3 | [2.75] 70 | [2.12] 53,8 | M12 x 1.75 | Steel |
| 385215-M-25 i | 385-M-25, 385-R-M-25 385-L-M-25 | [6.72] 170,7 | | | | |
| 385215-M-50 i | 385-M-50, 385-R-M-50 385-L-M-50 | [7.72] 196 | | | | |
| 385215-M-100 i | 385-M-100, 385-R-M-100 385-L-M-100 | [9.72] 247 | | | | |
| 385915 | 385-V2A | [5.72] 145,3 | [2.75] 70 | [2.12] 53,8 | M12 x 1.75 | Stainless Steel |
| 385915-M-25 i | 385-V2A-M-25 | [6.72] 170,7 | | | | |
| 385915-M-50 i | 385-V2A-M-50 | [7.72] 196 | | | | |
| 385915-M-100 i | 385-V2A-M-100 | [9.72] 247 | | | | |

i This item is available upon request.

| Replacement Thumb Control Lever | Used on Clamp Model |
|---------------------------------|------------------------------|
| 375-ZB1 | 375, 375-B 375-R, 375-BR |
| 385-ZB1 | 385, 385-R 385-L, 385-V2A |



324, 334, 344, 374 SERIES

Pull Action Latch Clamps | Product Overview

Features:

- U-hook style latch clamps supplied with threaded U-hooks for easy adjustment
- Supplied with latch plate (except 374) and patented thumb control lever for one handed operation.
- DE-STA-CO® Toggle Lock Plus versions available
- Stainless steel available as **-SS** models.

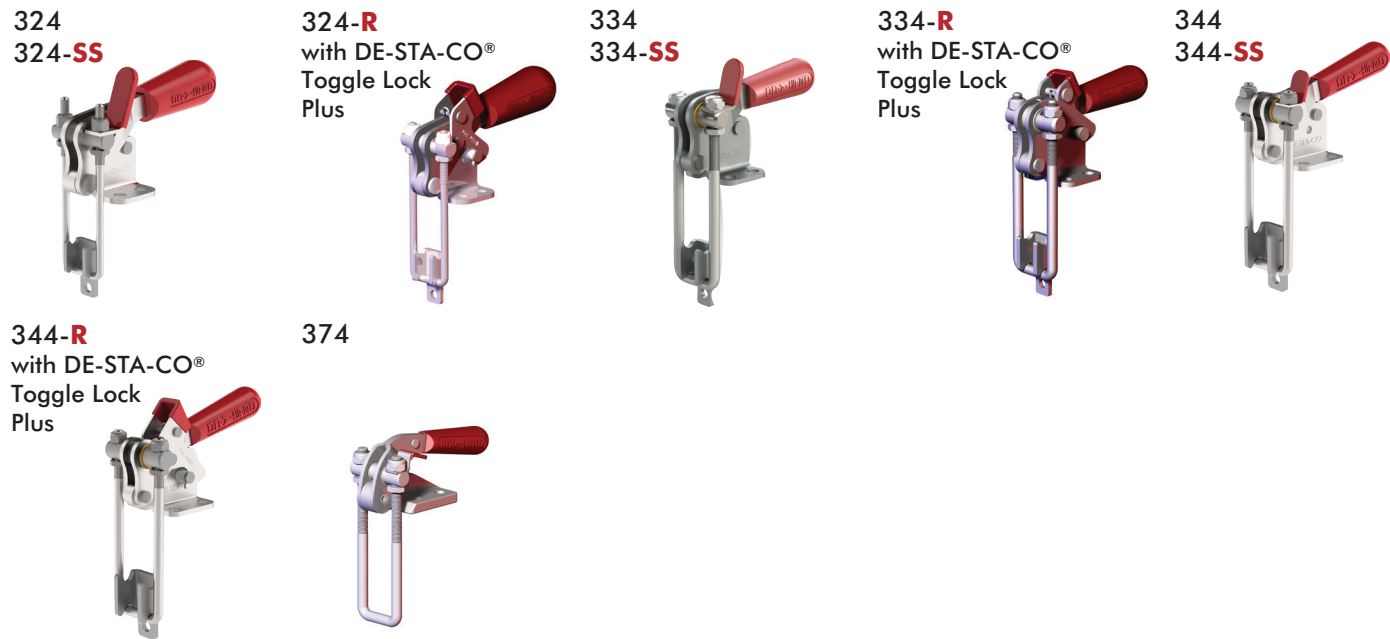
Applications:

- Molding
- Closures for doors, lids, covers
- Assembly

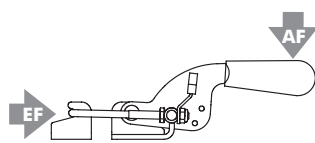
Also Available:

- Clamps with longer hooks available Upon Request that are 25mm, 50mm, 100mm longer than standard length
- To order clamp with longer hook, add **-M-25**, **-M-50**, or **-M-100** to the end of the model. Example: 324-**M-50**

Covered under one or more U.S./International Patents



Technical Information, Holding Capacities



| Model | Max. Holding Capacity | Weight | EF:AF | (S) Drawing Movement | Latch Plate (Supplied) | Replacement Hook Assembly | Hook Adj. Range |
|--------|-----------------------|--------------------|-------|----------------------|------------------------|---------------------------|-----------------|
| 324 | [500 lbf] 2200 N | [0.25lb] 0,11kg | 31:1 | 38,7 [1.53] | 324101 | 324215 | 11.9 [0.47] |
| 324-SS | | | | | 324901 | 324915 | |
| 324-R | | | | | 324101 | 324215 | |
| 334 | [1000 lbf] 4450 N | [0.60lb] 0,27kg | 45:1 | 51,7 [2.04] | 334101 | 334915 | 19.3 [0.76] |
| 334-SS | | | | | 334901 | 334915 | |
| 334-R | | | | | 334101 | 334215 | |
| 344 | [2000 lbf] 8900 N | [1.50lb] 0,68kg | 36:1 | 44,5 [1.75] | 344101 | 344215 | 31 [1.22] |
| 344-SS | | | | | 344901 | 344915 | |
| 344-R | | | | | 344101 | 344215 | |
| 374 | [4000 lbf] 17800 N | [2.10lb] 0,95kg | | | None* | 374215 | 53.8 [2.12] |

EF = Exerting Force, AF = Applied Force *375509 Latch Plate may be used as an alternate.

324, 334, 344, 374 SERIES

Pull Action Latch Clamps | Dimensions | 324/334/374/-SS

324
324-SS



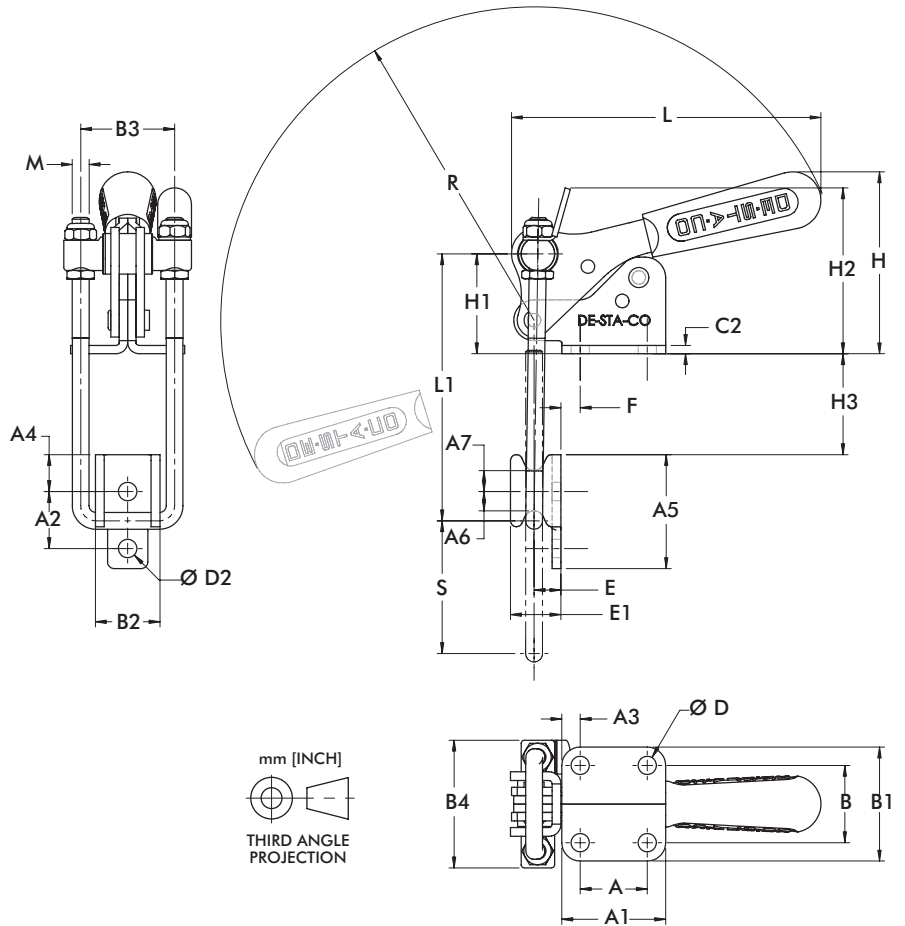
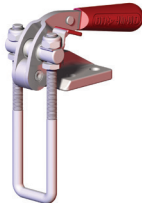
334
334-SS



344
344-SS



374



mm [INCH]
THIRD ANGLE PROJECTION

| Model | A | A1 | A2 | A3 | A4 | A5 | A6 | A7 | B | B1 | B2 | B3 | B4 | C2 |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 324 | [0.50] | [1.00] | [0.56] | [0.25] | [0.28] | [1.00] | [0.19] | [0.19] | [0.88] | [1.38] | [0.53] | [0.81] | [1.19] | [0.09] |
| 324-SS | 12,7 | 25,4 | 14,2 | 6,4 | 7,1 | 25,4 | 4,8 | 4,8 | 22,4 | 35,1 | 13,5 | 20,7 | 30,2 | 2,4 |
| 334 | [0.75] | [1.31] | [0.81] | [0.28] | [0.41] | [1.50] | [0.28] | [0.28] | [1.00] | [1.56] | [0.68] | [1.13] | [1.63] | [0.12] |
| 334-SS | 19,1 | 33,3 | 20,6 | 7,1 | 10,4 | 38,1 | 7,1 | 7,1 | 25,4 | 39,6 | 17,4 | 28,7 | 41,4 | 3,1 |
| 344 | | [1.94] | [1.06] | [0.35] | [0.69] | [2.13] | [0.36] | [0.39] | [1.44] | [2.12] | [1.20] | | [2.38] | [0.16] |
| 344-SS | [1.25] | 49,3 | 27 | 8,0 | 17,5 | 54 | 9,1 | 9,9 | 36,6 | 53,8 | 30,6 | [1.75] | 60,5 | 4 |
| 374 | 31,8 | [2.43] | -- | [0.68] | -- | -- | -- | -- | [1.50] | [2.50] | -- | 44,5 | [2.36] | [0.37] |
| | | 61,7 | | 17,3 | | | | | 38,1 | 63,5 | | | 60 | 9,4 |

| Model | ØD | ØD2 | F | H | H1 | H2 | H3 | E | E1 | L | L1 MAX | R | M | S |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|-----|--------|
| 324 | [0.20] | [0.17] | [0.25] | [1.91] | [1.10] | [1.97] | [0.92] | [0.19] | [0.38] | [3.49] | [2.56] | [3.49] | M4 | [1.53] |
| 324-SS | 5,1 | 4,3 | 6,4 | 48,5 | 28 | 50,1 | [23,4] | 4,4 | 9,7 | 88,7 | 65,1 | 88,8 _a | | 38,7 |
| 334 | [0.28] | [0.22] | [0.28] | [2,37] | [1.55] | [2.68] | [1.34] | [0.35] | [0.63] | [4.10] | [3.70] | [4.12] | M6 | [2.04] |
| 334-SS | 7,1 | 5,6 | 7,1 | 60,1 | 39,3 | 68 | 34 | 8,8 | 16 | 104,2 | 94 | 104,5 | | 51,8 |
| 344 | [0.34] | [0.34] | [0.35] | [3.39] | [1.86] | [7.09] | [1.73] | [0.50] | [0.94] | [5.77] | [5.00] | [5.84] | M8 | [2.46] |
| 344-SS | 8,6 | 8,6 | 8,9 | 86,1 | 47,3 | 78,6 | 49,1 | 12,7 | 23,8 | 146,6 | 126,9 | 148,4 | | 62,4 |
| 374 | [0.41] | -- | [0.68] | [2.38] | [1.36] | -- | [2.40] | -- | -- | [6.60] | [6.04] | [6.04] | M10 | [1,75] |
| | 10,3 | | 17,3 | 60,5 | 34,5 | | 61 | | | 167,8 | 153,5 | 153,5 | | 44,5 |

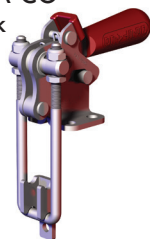
324-R, 334-R, 344-R SERIES

Pull Action Latch Clamps | Dimensions | -R/-SS

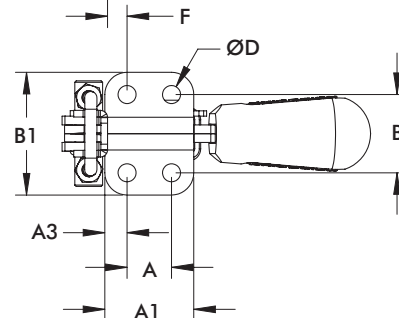
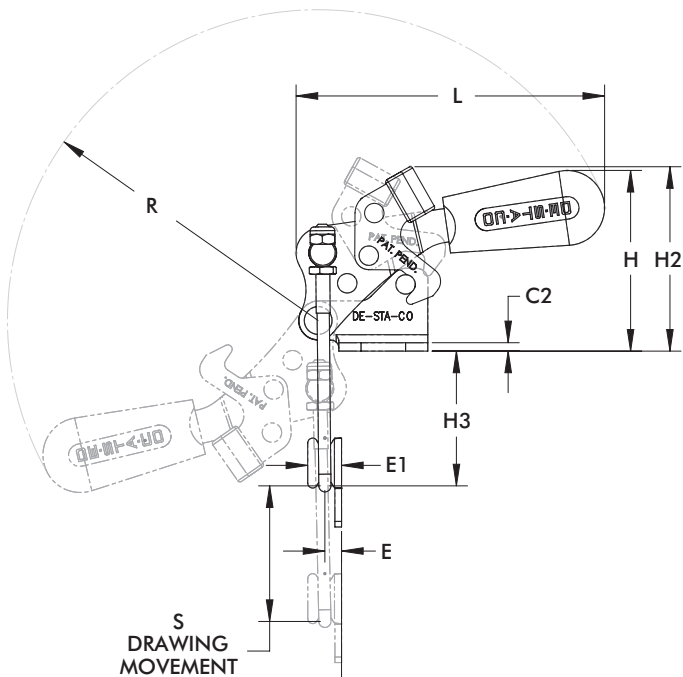
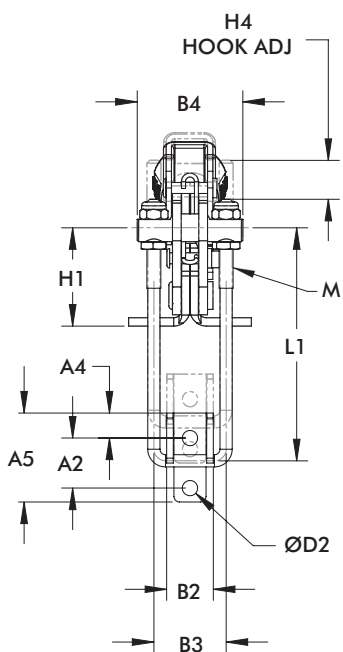
324-R
with DE-STA-CO®
Toggle Lock
Plus



334-R
with DE-STA-CO®
Toggle Lock
Plus



344-R
with DE-STA-CO®
Toggle Lock
Plus



mm [INCH]
THIRD ANGLE PROJECTION

| Model | A | A1 | A2 | A3 | A4 | A5 | B | B1 | B2 | B3 | B4 | C2 | D |
|-------|----------------|----------------|----------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|
| 324-R | [.50] 12.7 | [1.00] 25.4 | [.56] 14.3 | [.25] 6.4 | [.28] 7.1 | [1.00] 25.4 | [0.88] 22.4 | [1.38] 35.1 | [.52] 13.3 | [0.81] 20.6 | [0.44] 11.1 | [0.09] 2.4 | [0.20] 5.2 |
| 334-R | [.75] 19.1 | [1.38] 34.9 | [.81] 20.6 | [.27] 7.0 | [.41] 10.3 | [2.13] 54.0 | [1.00] 25.4 | [1.56] 39.6 | [0.68] 17.3 | [1.13] 28.6 | [1.63] 41.3 | [0.12] 3.1 | [0.28] 7.1 |
| 344-R | [1.25] 31,8 | [1.94] 49.1 | [1.06] 27.0 | [.34] 8.7 | [0.69] 17,5 | [2.13] 54 | [1.44] 36,6 | [2.13] 54 | [1.21] 30,6 | [1.75] 44,5 | [2.38] 60,5 | [0.16] 4 | [0.34] 8.6 |

| Model | D2 | E | E1 | F | H | H1 | H2 | H3 | H4 | L | L1 | M | S | R |
|-------|---------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----|----------------|-----------------|
| 324-R | [0.17] 4.4 | [0.20] 5.2 | [0.17] 4.4 | [0.22] 5.6 | [2.03] 51.6 | [1.11] 28.1 | [2.07] 52.7 | [1.52] 38.5 | [.44] 11.1 | [3.47] 88.1 | [2.62] 66.6 | M4 | [1.53] 38.7 | [3.49] 88.8 |
| 334-R | [0.22] 5.6 | [0.35] 8.8 | [0.63] 15.9 | [0.18] 4.5 | [2.37] 60.2 | [1.55] 39.3 | [2.55] 64.7 | [2.22] 56.3 | [0.86] 21.8 | [4.12] 104.6 | [3.76] 95.6 | M6 | [2.04] 51.7 | [4.10] 104.2 |
| 344-R | [0.34] 8,7 | [0.50] 12,7 | [0.94] 23,9 | [0.36] 9,1 | [3.40] 86,5 | [1.86] 47,3 | [3.39] 86.0 | [3.17] 80.8 | [1.22] 31 | [5.77] 146.5 | [5.04] 128.0 | M8 | [2.46] 62.4 | [5.90] 150 |

324, 334, 344, 374 SERIES

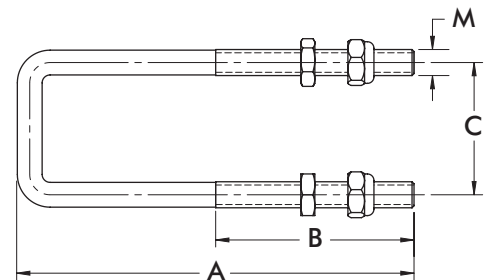
Pull Action Latch Clamps | Replacement Hook Assembly Dimensions

| Replacement Hook Assembly | Used on Clamp Model | A | B | C | M | Material |
|---------------------------|----------------------------|---------------|------------------|----------------|----------|-----------------|
| 324215 | 324 324-R | [3.00] 76 | [1.00] 25,4 | [0.81] 20,6 | M4X0.7 | Steel |
| 324215-M-25 ⓘ | 324-M-25* 324-R-M-25* | [4.00] 101,6 | | | | |
| 324215-M-50 ⓘ | 324-M-50* 324-R-M-50* | [5.00] 127 | | | | |
| 324215-M-100 ⓘ | 324-M-100* 324-R-M-100* | [7.00] 178 | | | | |
| 324915 | 334-SS | [3.00] 76 | [1.50] 38,1 | [1.13] 28,7 | M6X1.0 | Stainless Steel |
| 324915-M-25 ⓘ | 334-SS-M-25* | [4.00] 101,6 | | | | |
| 324915-M-50 ⓘ | 334-SS-M-50* | [5.00] 127 | | | | |
| 324915-M-100 ⓘ | 334-SS-M-100* | [7.00] 178 | | | | |
| 334215 | 334 334-R | [4.31] 109,5 | [2.25] 57,2 | [1.75] 44,5 | M8X1.25 | Steel |
| 334215-M-25 ⓘ | 334-M-25* 334-R-M-25* | [5.31] 135 | | | | |
| 334215-M-50 ⓘ | 334-M-50* 334-R-M-50* | [6.31] 160,3 | | | | |
| 334215-M-100 ⓘ | 334-M-100* 334-R-M-100* | [8.31] 211 | | | | |
| 334915 | 334-SS | [4.31] 109,5 | [3.25] 82,6 | M10X1.50 | M10X1.50 | Stainless Steel |
| 334915-M-25 ⓘ | 334-SS-M-25* | [5.31] 135 | | | | |
| 334915-M-50 ⓘ | 334-SS-M-50* | [6.31] 160,3 | | | | |
| 334915-M-100 ⓘ | 334-SS-M-100* | [8.31] 211 | | | | |
| 344215 | 344 344-R | [5.81] 147,5 | [3.25] 82,6 | M10X1.50 | M10X1.50 | Steel |
| 344215-M-25 ⓘ | 344-M-25* 344-R-M-25* | [6.81] 173 | | | | |
| 344215-M-50 ⓘ | 344-M-50* 344-R-M-50* | [7.81] 198,5 | | | | |
| 344215-M-100 ⓘ | 344-M-100* 344-R-M-100* | [9.81] 249,2 | | | | |
| 344915 | 344-SS | [5.81] 147,5 | [10.50] 266,5 | M10X1.50 | M10X1.50 | Stainless Steel |
| 344915-M-25 ⓘ | 344-SS-M-25* | [6.81] 173 | | | | |
| 344915-M-50 ⓘ | 344-SS-M-50* | [7.81] 198,5 | | | | |
| 344915-M-100 ⓘ | 344-SS-M-100* | [9.81] 249,2 | | | | |
| 374215 | 374 | [6.50] 165 | [10.50] 266,5 | M10X1.50 | M10X1.50 | Steel |
| 374215-M-25 ⓘ | 374-M-25* | [7.50] 190,5 | | | | |
| 374215-M-50 ⓘ | 374-M-50* | [8.50] 216 | | | | |
| 374215-M-100 ⓘ | 374-M-100* | [10.50] 266,5 | | | | |

Hook assemblies are supplied with (2) jam nuts and (2) locknuts.

ⓘ This item is available upon request.

| Replacement Thumb Control Lever | Used on Clamp Model |
|---------------------------------|---------------------|
| 324-ZB1 | 324, 324-SS |
| 334-ZB1 | 334, 334-SS |
| 344-ZB1 | 344, 344-SS |
| 375-ZB1 | 374 |



301, 311 SERIES

Pull Action Latch Clamps | Product Overview

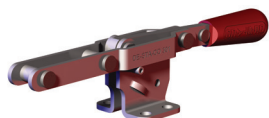
Features:

- Fixed stop automatically limits handle travel at various clamping positions once the clamp is installed
- Model 301 available in stainless steel as 301-SS

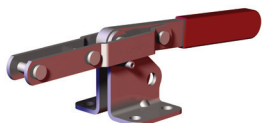
Applications:

- Molding
- Closures for doors, lids, covers
- Assembly

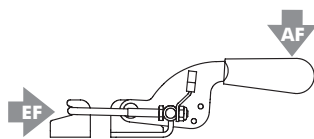
301
301-SS



311

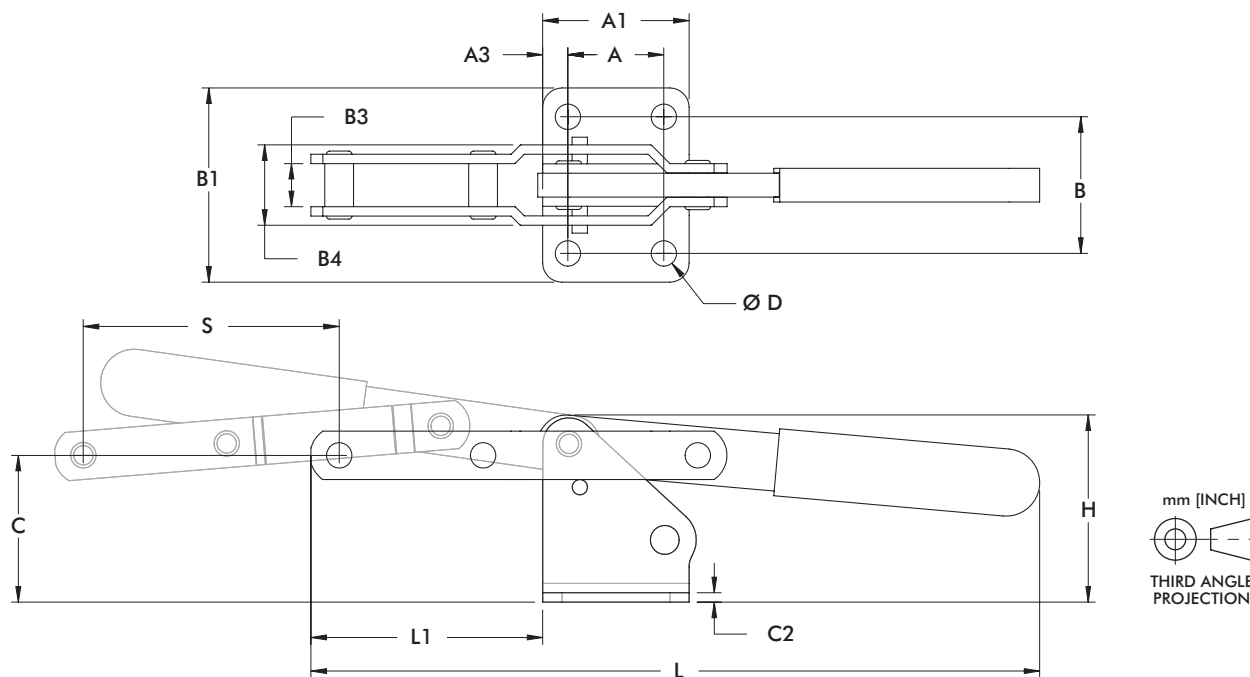


Technical Information, Holding Capacities, Standard Clamp Dimensions



| Model | Max. Holding Capacity | Weight | EF:AF | Drawing Movement |
|--------|-----------------------|-----------------|-------|------------------|
| 301 | 1670 N [375 lbf] | 0,32kg [0.70lb] | 29:1 | 101,6 [4.00] |
| 301-SS | 2000 N [450 lbf] | | | |
| 311 | 5340 N [1200 lbf] | 0,53kg [1.16lb] | 31:1 | 85,9 [3.38] |

EF = Exerting Force, AF = Applied Force



| Model | A | A1 | A3 | B | B1 | B3 | B4 | C | C2 | ØD | H | L | L1 | S |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 301 | [0.75] | [1.38] | [0.32] | [1.25] | [1.75] | [0.56] | [1.04] | [1.52] | [0.12] | [0.28] | [1.91] | [8.33] | [3.04] | [4.00] |
| 301-SS | 19,1 | 35,1 | 8 | 31,8 | 44,5 | 14,1 | 26,4 | 38,6 | 3,1 | 7,1 | 48,4 | 211,5 | 77,1 | 101,6 |
| 311 | [1.25] | [1.91] | [0.33] | [1.78] | [2.53] | [0.56] | [1.05] | [1.91] | [0.12] | [0.33] | [2.44] | [9.49] | [3.02] | [3.88] |
| | 31,8 | 48,4 | 8,3 | 45,2 | 64,3 | 14,3 | 26,6 | 48,6 | 3,1 | 8,4 | 61,9 | 241,2 | 76,7 | 85,9 |

3011 SERIES

Pull Action Latch Clamps | Product Overview

Features:

- Heavy duty cast steel or stainless steel construction with ergonomic handle
- Replaceable stainless steel pivot pins

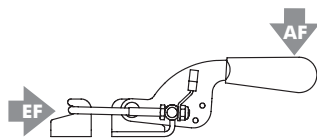
Applications:

- Molding
- Closures for doors, lids, covers
- Assembly

3011

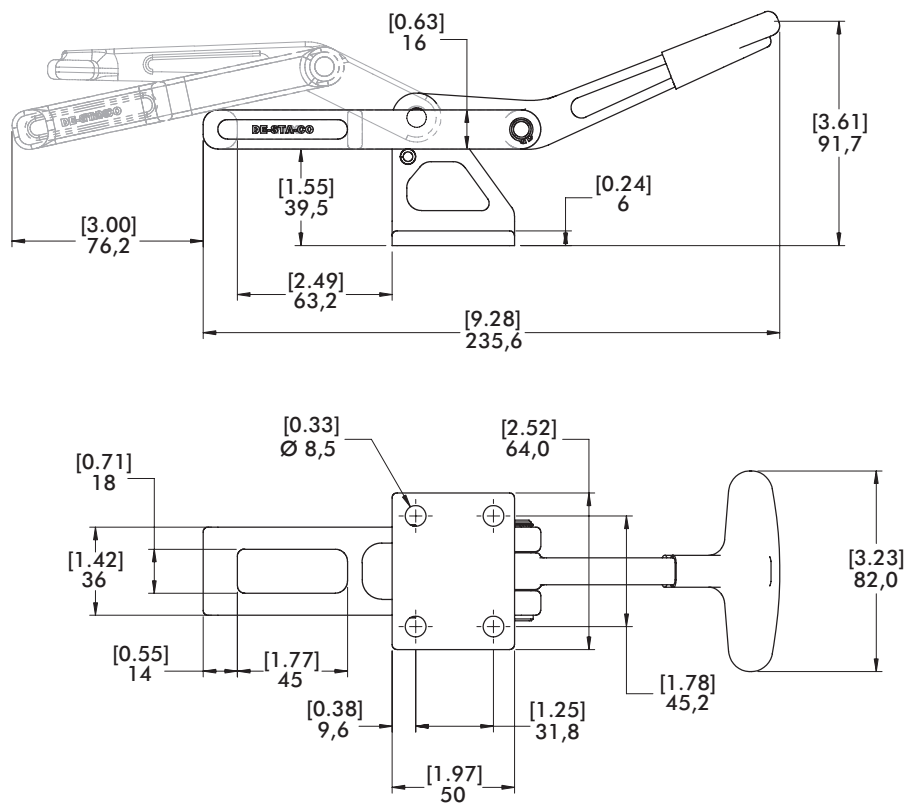


Technical Information, Holding Capacities, Standard Clamp Dimensions



| Model | Max. Holding Capacity | Weight | EF:AF | Drawing Movement |
|-------|-----------------------|-----------------|-------|------------------|
| 3011 | 8900 N [2000 lbf] | 0,91kg [2.00lb] | 31:1 | 76,2 [3.00] |

EF = Exerting Force, AF = Applied Force



353 SERIES

Pull Action Latch Clamps | Product Overview

Features:

- Heavy duty cast steel clamps are designed to withstand the harshest environments
- Ideally suit for parting line clamping of rotational molds
- Replaceable stainless steel pivot pins

Applications:

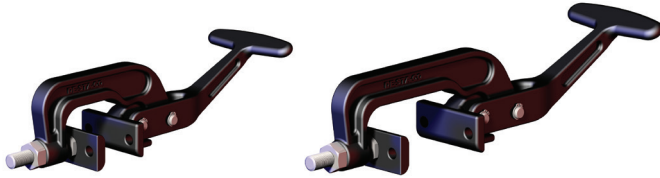
- Molding
- Closures for doors, lids, covers

Also Available:

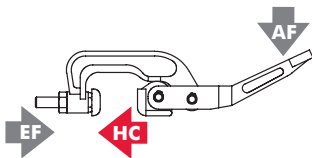
- Keeper plate
- Papered bolt assembly

353-35

353-65



Technical Information, Holding Capacities



| Model | Max. Holding Capacity | Weight | EF:AF | Drawing Movement | L | K | Keeper Plate (included) | Tapered Bolt Assembly (included) |
|--------|-----------------------|--------------------|-------|------------------|------------------|--------------|-------------------------|----------------------------------|
| 353-35 | [2800 lbf] 12460 N | [2.10lb] 0,95kg | 23:1 | 12 [0.47] | [9.50] 241,5 | [1.38] 35 | 353004 | 353908 |
| 353-65 | [2100 lbf] 9350 N | [2.30lb] 1,04kg | 27:1 | | [10.69] 271,5 | [2.56] 65 | | |

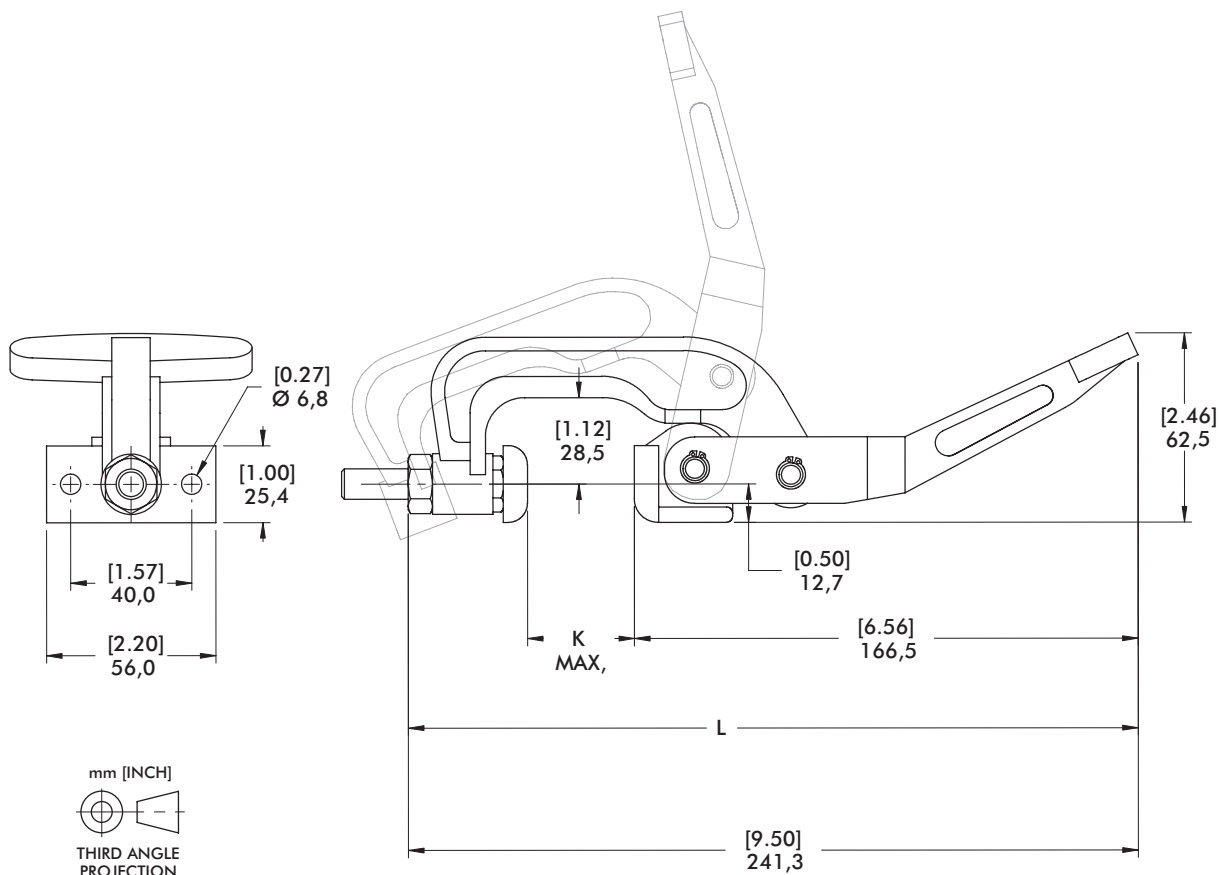
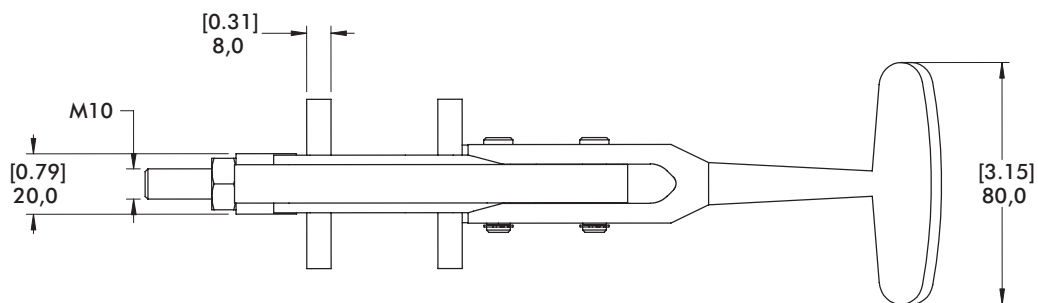
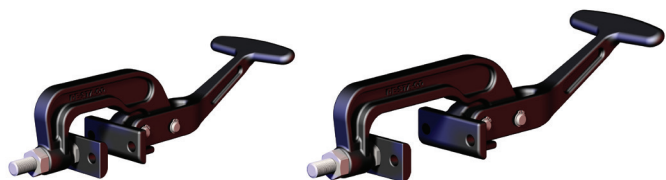
EF = Exerting Force, AF = Applied Force

353 SERIES

Pull Action Latch Clamps | Dimensions

353-35

353-65



mm [INCH]
THIRD ANGLE
PROJECTION