

## 5HP-MATS-00058

This workholding package is designed for your MATSUURA H+300 (Inch Pallet) machining center.

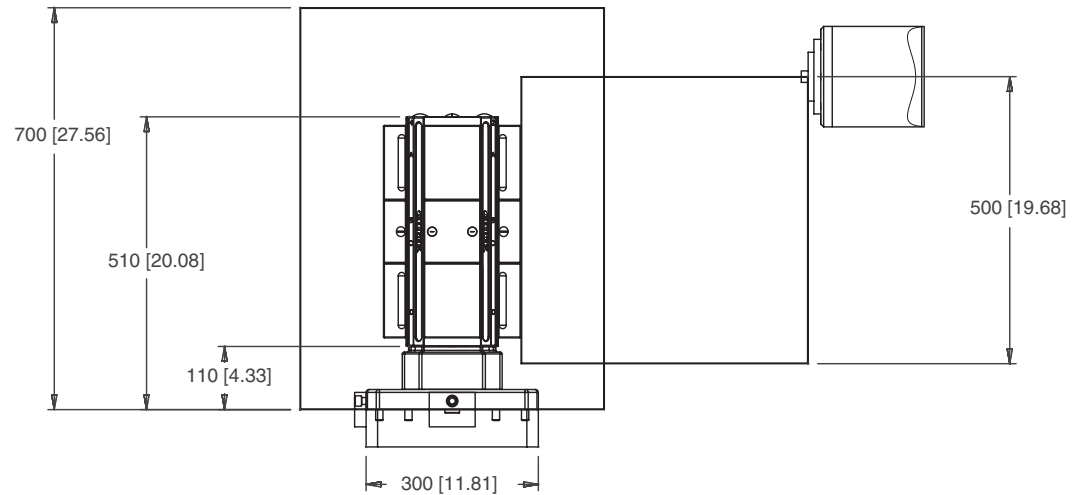
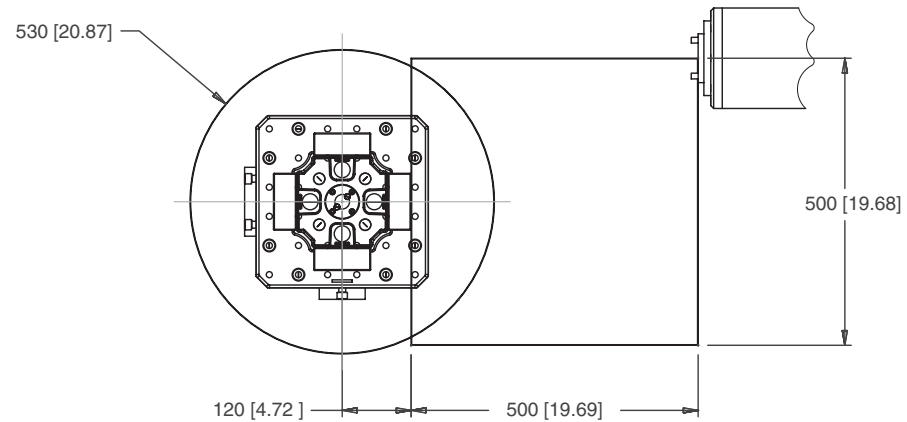


Notes

**CHICK WORKHOLDING SOLUTIONS, INC**  
500 Keystone Drive • Warrendale, PA 15086 USA  
Phone: (724) 772-1644 • Fax: (724) 772-1633  
Toll Free: (800) 33-CHICK • (800) 332-4425  
[www.ChickWorkholding.com](http://www.ChickWorkholding.com)

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**Notes**

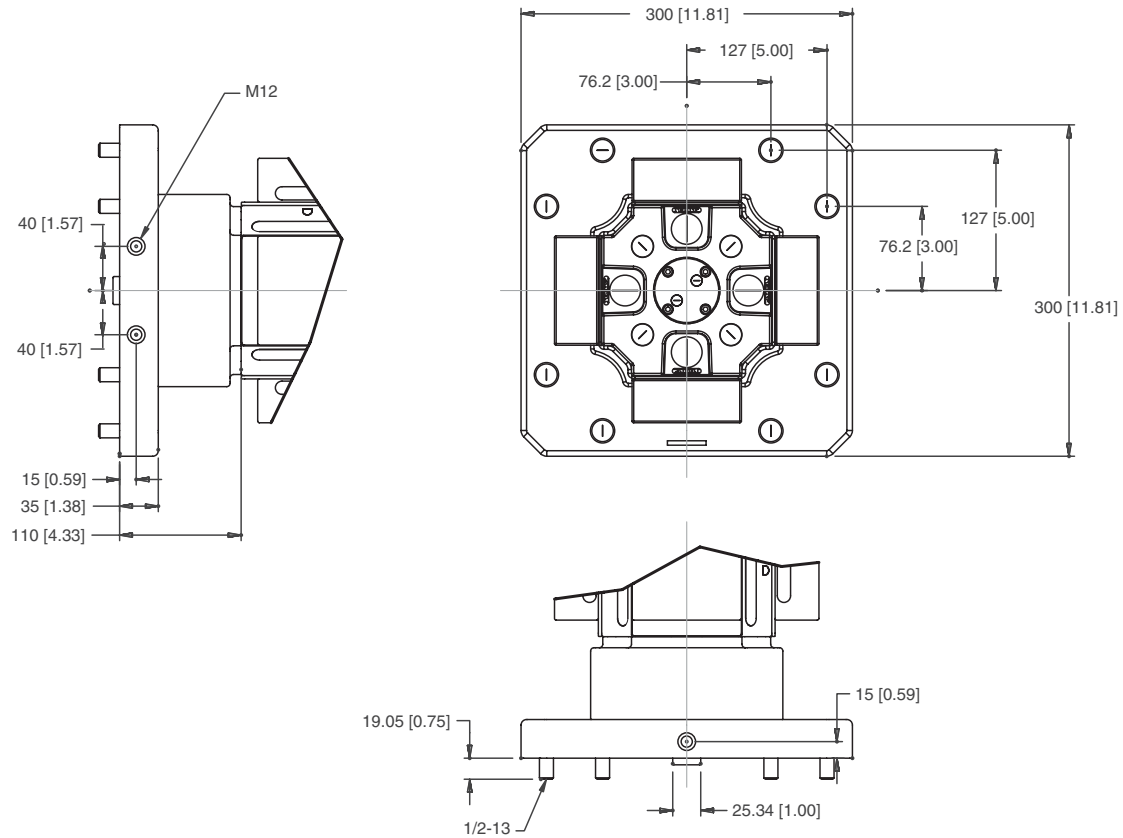
Machine travel may be limited by mechanical interference and/or machine safety zones. Please consult your machine's operating instructions for more information.

All dimensions are MM [IN]

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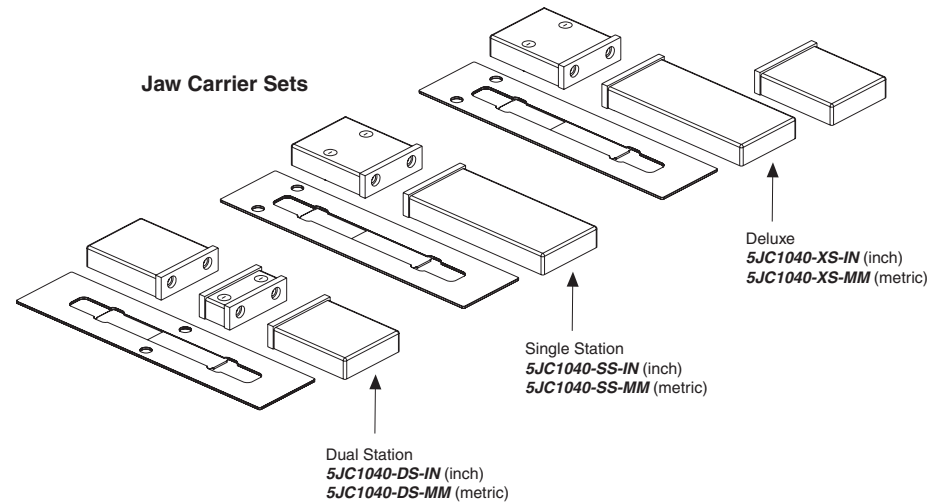
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All dimensions are MM [IN]

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## One-Off Workholding

Jaw carriers broaden your modern workholding flexibility by offering vise-like fixturing.

Simply QwikChange™ the jaws and your modern workholding is ready for one-off workholding needs.

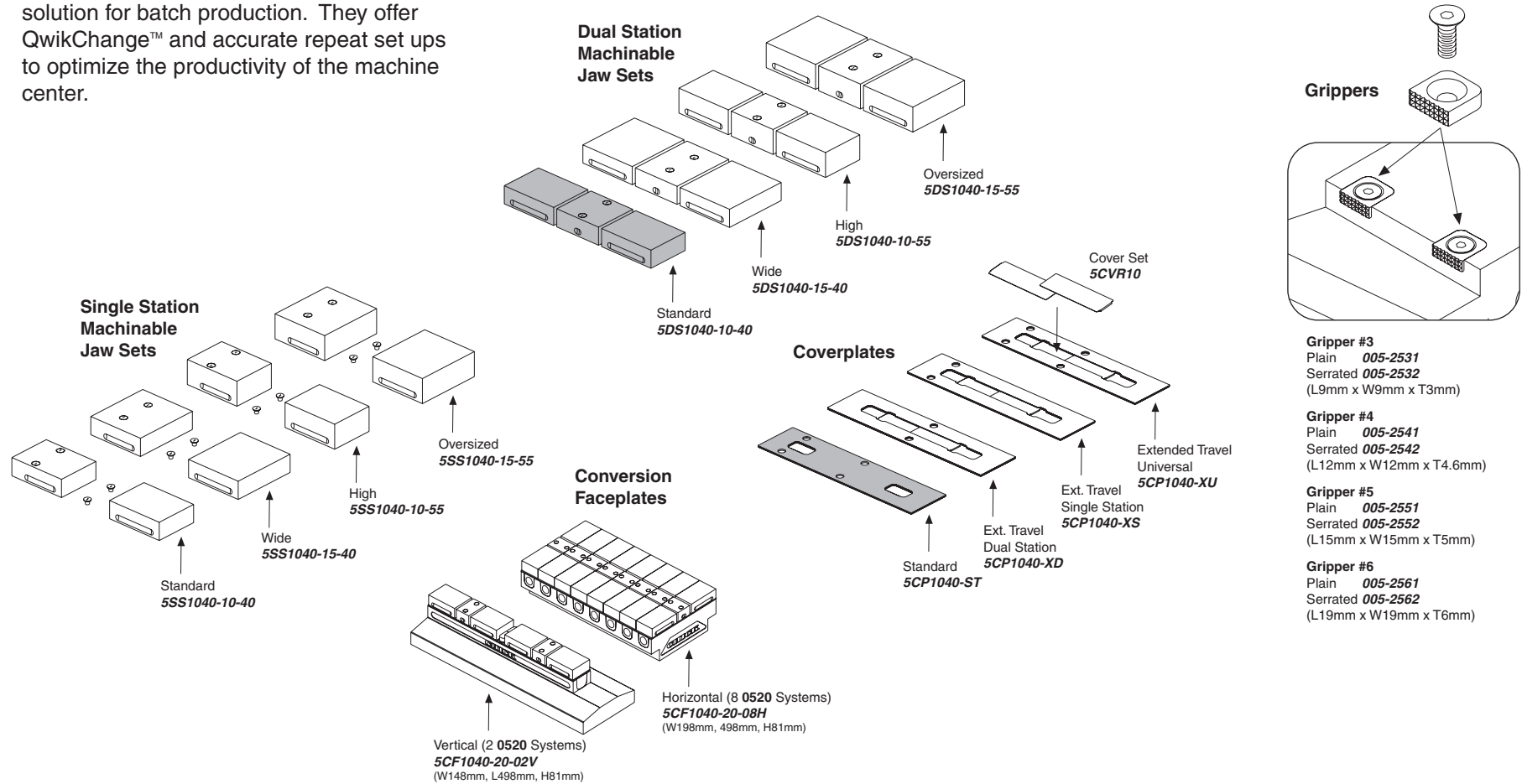


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# Batch Production

Machinable accessories are the optimal solution for batch production. They offer QwikChange™ and accurate repeat set ups to optimize the productivity of the machine center.



**Notes**

Grey item is included with a standard system

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## Dedicated Fixturing

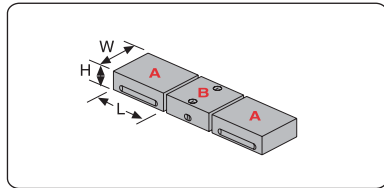
Machinable Faceplates provide QwikChange™ dedicated fixturing and are optimal for awkward or hard to hold parts. A mini pallet changer can be created by utilizing two Faceplates in tandem.



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## QwikChange Machinable Dual Station Jaws



### Individual Dual Station Jaws

Standard

- A** Moveable Jaw ..... **5MJ1040-10-40**  
(W99mm, H130mm, L40mm)
- B** Fixed Jaw ..... **5FJ1040-10-40**  
(W99mm, H110mm, L40mm)

Wide

- A** Moveable Jaw ..... **5MJ1040-15-40**  
(W148mm, H130mm, L40mm)
- B** Fixed Jaw ..... **5FJ1040-15-40**  
(W148mm, H110mm, L40mm)

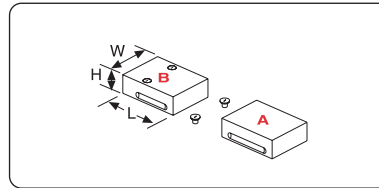
High

- A** Moveable Jaw ..... **5MJ1040-10-55**  
(W99mm, H130mm, L55mm)
- B** Fixed Jaw ..... **5FJ1040-10-55**  
(W99mm, H110mm, L55mm)

Oversized

- A** Moveable Jaw ..... **5MJ1040-15-55**  
(W148mm, H130mm, L55mm)
- B** Fixed Jaw ..... **5FJ1040-15-55**  
(W148mm, H110mm, L55mm)

## QwikChange Machinable Single Station Jaws



### Individual Single Station Jaws

Standard

- A** Moveable Jaw ..... **5MJ1040-10-40**  
(W99mm, H130mm, L40mm)
- B** Fixed Jaw ..... **5SJ1040-10-40**  
(W99mm, H130mm, L40mm)

Wide

- A** Moveable Jaw ..... **5MJ1040-15-40**  
(W148mm, H130mm, L40mm)
- B** Fixed Jaw ..... **5SJ1040-15-40**  
(W148mm, H130mm, L40mm)

High

- A** Moveable Jaw ..... **5MJ1040-10-55**  
(W99mm, H130mm, L55mm)
- B** Fixed Jaw ..... **5SJ1040-10-55**  
(W99mm, H130mm, L55mm)

Oversized

- A** Moveable Jaw ..... **5MJ1040-15-55**  
(W148mm, H130mm, L55mm)
- B** Fixed Jaw ..... **5SJ1040-15-55**  
(W148mm, H130mm, L55mm)

## QwikChange Jaw Carriers



Jaw Carriers (Inch)

- A** **5JC1040-FC-IN**
- B** **5JC1040-MC-IN**
- C** **5JC1040-SC-IN**
- D** **5JC1040-LM-IN**
- E** **5JC1040-SM-IN**

Jaw Carriers (Metric)

- A** **5JC1040-FC-MM**
- B** **5JC1040-MC-MM**
- C** **5JC1040-SC-MM**
- D** **5JC1040-LM-MM**
- E** **5JC1040-SM-MM**

- A** Dual Station Fixed
- B** Dual Station Moveable

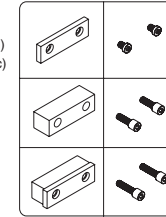
- C** Single Station Fixed
- D** Single Station Long Moveable

- E** Single Station Short Moveable

## Jaw Plates

### HARD JAW PLATES

- Standard (Set of 4)  
**JH4STD** (Inch)  
**MJH10** (Metric)



- Standard Mounting Screws: 3/8-16x1/2"  
**LHCS-375-050-008** (Inch)  
**LHCS-M08-016-008** (Metric)

- Thick (Set of 2)  
**JH4THK**

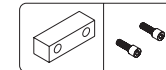
- Thick Mounting Screws: 3/8-16x1"  
**SHCS-375-100-012**

- Both Sizes  
**JH4STD** &  
**JH4THK**

- Both Sizes Mounting Screws: 3/8-16x1.25"  
**SHCS-375-125-008**

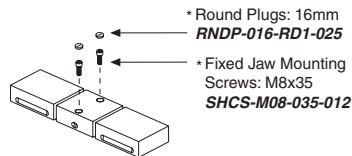
### SOFT JAW PLATES

- Standard (Set of 4)  
**JS4AL**

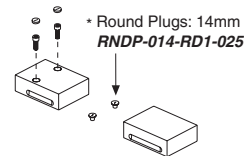


- Soft Mounting Screws: 3/8-16x1"  
**SHCS-375-100-012**

## Screws and Plugs



- \* Round Plugs: 16mm  
**RNDP-016-RD1-025**
- \* Fixed Jaw Mounting Screws: M8x35  
**SHCS-M08-035-012**



- \* Round Plugs: 14mm  
**RNDP-014-RD1-025**

## Notes

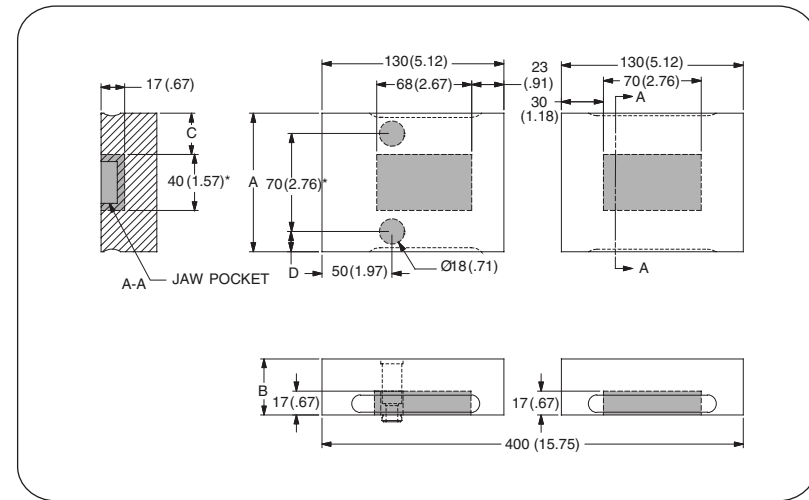
Grey or \* item is included with a standard system

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Dual Station



Single Station



| Item Number          | Description | A          | B         | C           | D          |
|----------------------|-------------|------------|-----------|-------------|------------|
| <b>5DS1040-10-40</b> | Standard    | 99 [3.90]  | 40 [1.57] | 34.5 [1.36] | 14.5 [.57] |
| <b>5DS1040-10-55</b> | High        | 99 [3.90]  | 55 [2.17] | 34.5 [1.36] | 14.5 [.57] |
| <b>5DS1040-15-40</b> | Wide        | 148 [5.83] | 40 [1.57] | 59 [2.32]   | 39 [1.54]  |
| <b>5DS1040-15-55</b> | Oversized   | 148 [5.83] | 55 [2.17] | 59 [2.32]   | 39 [1.54]  |

| Item Number          | Description | A          | B         | C           | D          |
|----------------------|-------------|------------|-----------|-------------|------------|
| <b>5SS1040-10-40</b> | Standard    | 99 [3.90]  | 40 [1.57] | 29.5 [1.16] | 14.5 [.57] |
| <b>5SS1040-10-55</b> | High        | 99 [3.90]  | 55 [2.17] | 29.5 [1.16] | 14.5 [.57] |
| <b>5SS1040-15-40</b> | Wide        | 148 [5.83] | 40 [1.57] | 54 [2.13]   | 39 [1.54]  |
| <b>5SS1040-15-55</b> | Oversized   | 148 [5.83] | 55 [2.17] | 54 [2.13]   | 39 [1.54]  |

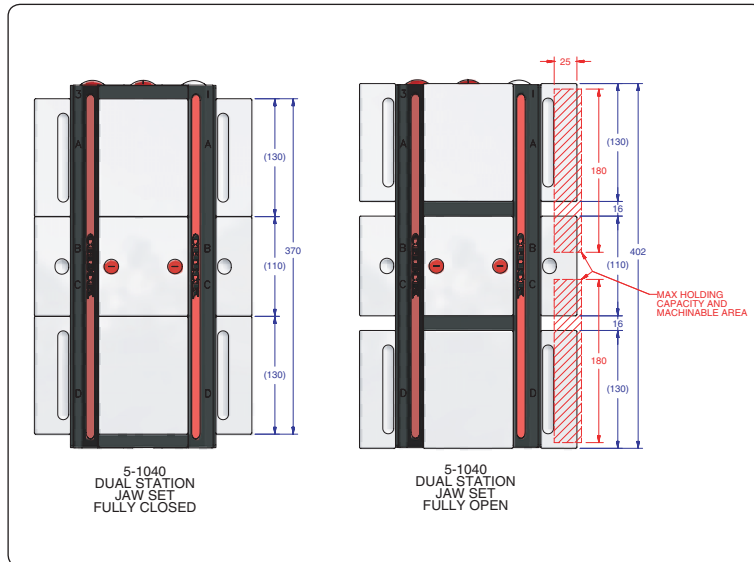
Notes

Grey area indicates no cut zone  
 All dimensions are MM [IN]  
 Dimensions centered on the "A" dimension.

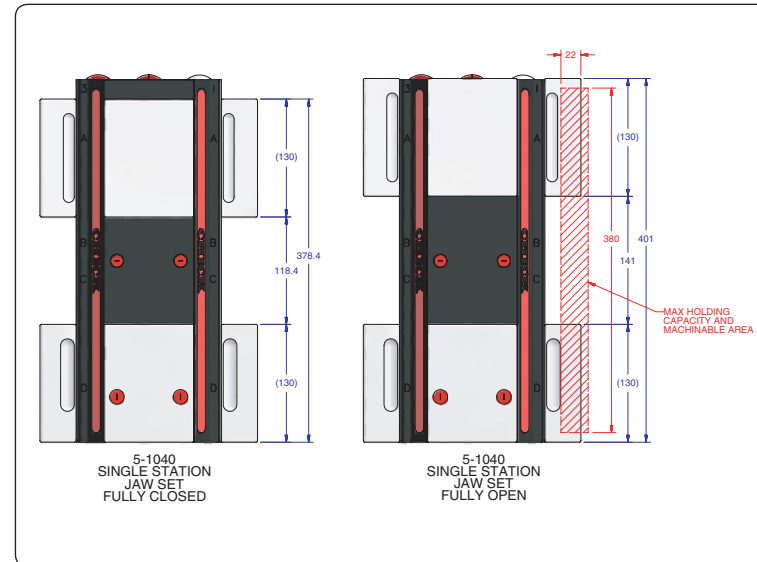
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**Dual Station**



**Single Station**



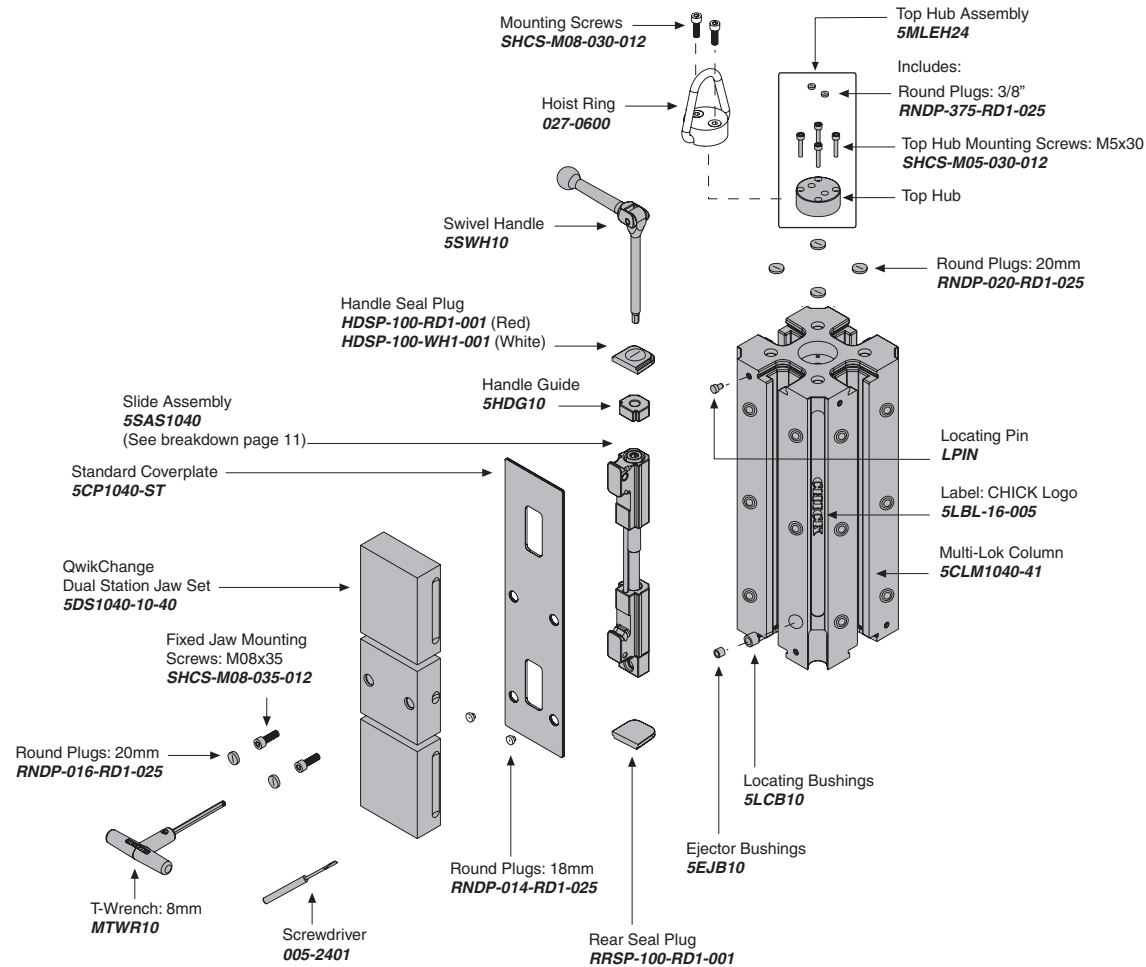
| Item Number          | Description | A         | Jaw Width  |
|----------------------|-------------|-----------|------------|
| <b>5DS1040-10-40</b> | Standard    | 26 [1.02] | 99 [3.90]  |
| <b>5DS1040-10-55</b> | High        | 41 [1.61] | 99 [3.90]  |
| <b>5DS1040-15-40</b> | Wide        | 26 [1.02] | 148 [5.83] |
| <b>5DS1040-15-55</b> | Oversized   | 41 [1.61] | 148 [5.83] |

| Item Number          | Description | A         | Jaw Width  |
|----------------------|-------------|-----------|------------|
| <b>5SS1040-10-40</b> | Standard    | 26 [1.02] | 99 [3.90]  |
| <b>5SS1040-10-55</b> | High        | 41 [1.61] | 99 [3.90]  |
| <b>5SS1040-15-40</b> | Wide        | 26 [1.02] | 148 [5.83] |
| <b>5SS1040-15-55</b> | Oversized   | 41 [1.61] | 148 [5.83] |

**Notes**

All dimensions are MM [IN]  
 Additional closure is available with an Extended Travel Coverplate.  
 Contact CHICK for details.

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**Notes**

Grey items are included with a standard system  
 For QwikChange™ Jaw accessories, see pages 4-7

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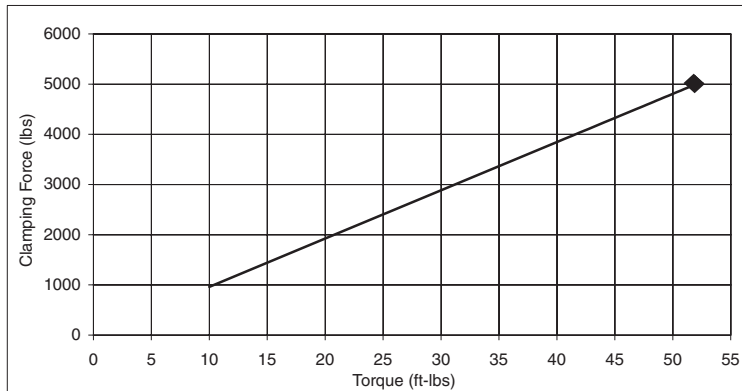
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**Pounds (lbs)**

|       |   |        |   |       |
|-------|---|--------|---|-------|
| Force | = | Torque | X | Slope |
| lbs   | = | in-lb  | x | 8.0   |
| lbs   | = | ft-lbs | x | 96    |

| Torque (ft-lb) | Force (lbs) |
|----------------|-------------|
| 0              | 0           |
| 10             | 962         |
| 20             | 1923        |
| 30             | 2885        |
| 40             | 3846        |
| 50             | 4808        |
| 52             | 5000        |

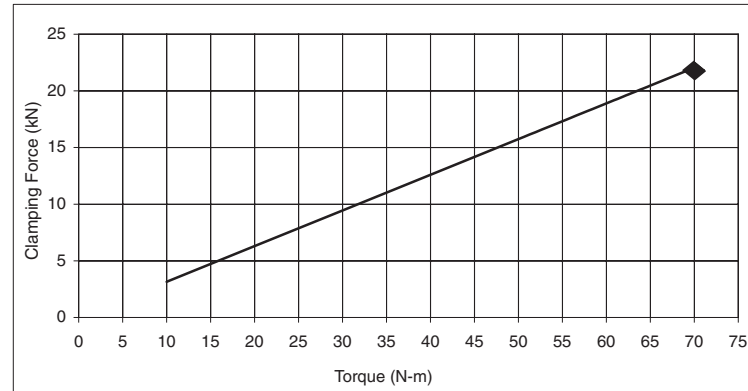


Note: ◆ Maximum Recommended Torque. Actual results may vary.

**Kilonewtons (kN)**

|       |   |        |   |       |
|-------|---|--------|---|-------|
| Force | = | Torque | X | Slope |
| N     | = | N-m    | x | 315   |
| kN    | = | N-m    | x | 0.315 |

| Torque (N-m) | Force (kN) |
|--------------|------------|
| 0            | 0.0        |
| 10           | 3.1        |
| 20           | 6.3        |
| 30           | 9.4        |
| 40           | 12.6       |
| 50           | 15.7       |
| 60           | 18.9       |
| 65           | 20.5       |
| 70           | 22.0       |



Note: ◆ Maximum Recommended Torque. Actual results may vary.

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