

84N1 SERIES

Accelerate® Press Room Sheet Metal Grippers | Ordering Information

84N1

N

030

FA

02

1

P

1

0

Ports

Description

N

NPT

G

BSPP

Opening Angle

Description

030

30° Opening Angle

045

45° Opening Angle

060

60° Opening Angle

075

75° Opening Angle

Jaw Style/
Tip Mount

Description

FA

Fixed Lower 0° Jaw, Single Tip Mount

FC

Fixed Lower 0° Jaw, Double Tip Mount

CA

Fixed Lower Chisel Jaw, Single Tip Mount

CC

Fixed Lower Chisel Jaw, Double Tip Mount

CS

Fixed Lower Chisel Jaw, Double Tip w/Sensor Mount

PC

Fixed Lower 90° Jaw, Double Tip Mount

030

045

060

075

FA

FC

CA

CC

CS

PC

Mounting options are ordered separately:

Please refer to mounting options on page 11
mounting style and part number.

STAGCO

19W-A

3112-A

32B-A

161-111

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Part Presence Detection

0
P
N

Description

None
PNP
NPN

P or N



4mm Sensing Range

Sheet Stops

0
1

Description

None
Included

Left Sensor Side Mount

0
1
2
3

Description

None
Double Blank
PNP Sensing
Double Blank
NPN Sensing
Infrared PNP
Sensing (not available
for PC jaw style)

Right Sensor Side Mount

0
1
2
3

Description

None
Double Blank
PNP Sensing
Double Blank
NPN Sensing
Infrared PNP
Sensing (not available
for PC jaw style)

1



1 or 2



3



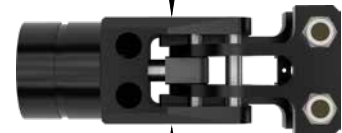
0.4 mm Double blank minimum per sheet thickness

Tips

Description

- 00 None
- 01 Serrated for double tip jaw style
- 02 Serrated for use with part present sensor single tip jaw style
- 03 Point Tip
- 04 Peen Tip
- 05 Polyurethane Tip (Durometer 70A)

Left Side Mount



Gripper
Top View

Right Side Mount

01



02



03



04



05



Description	Part Number	Single Tip Jaw	Double Tip Jaw
Polyurethane Tip	8JD-1005-1	Yes	Yes
90 Degree Point Tip	8JD-1001-1	Yes*	Yes
Serrated Tip	8JD-1002-1	Yes*	Yes
Peen Tip	8JD-1003-1	Yes*	Yes
Serrated Notched Top (for Jaw style FA)	8JD-1004-1	Yes	No

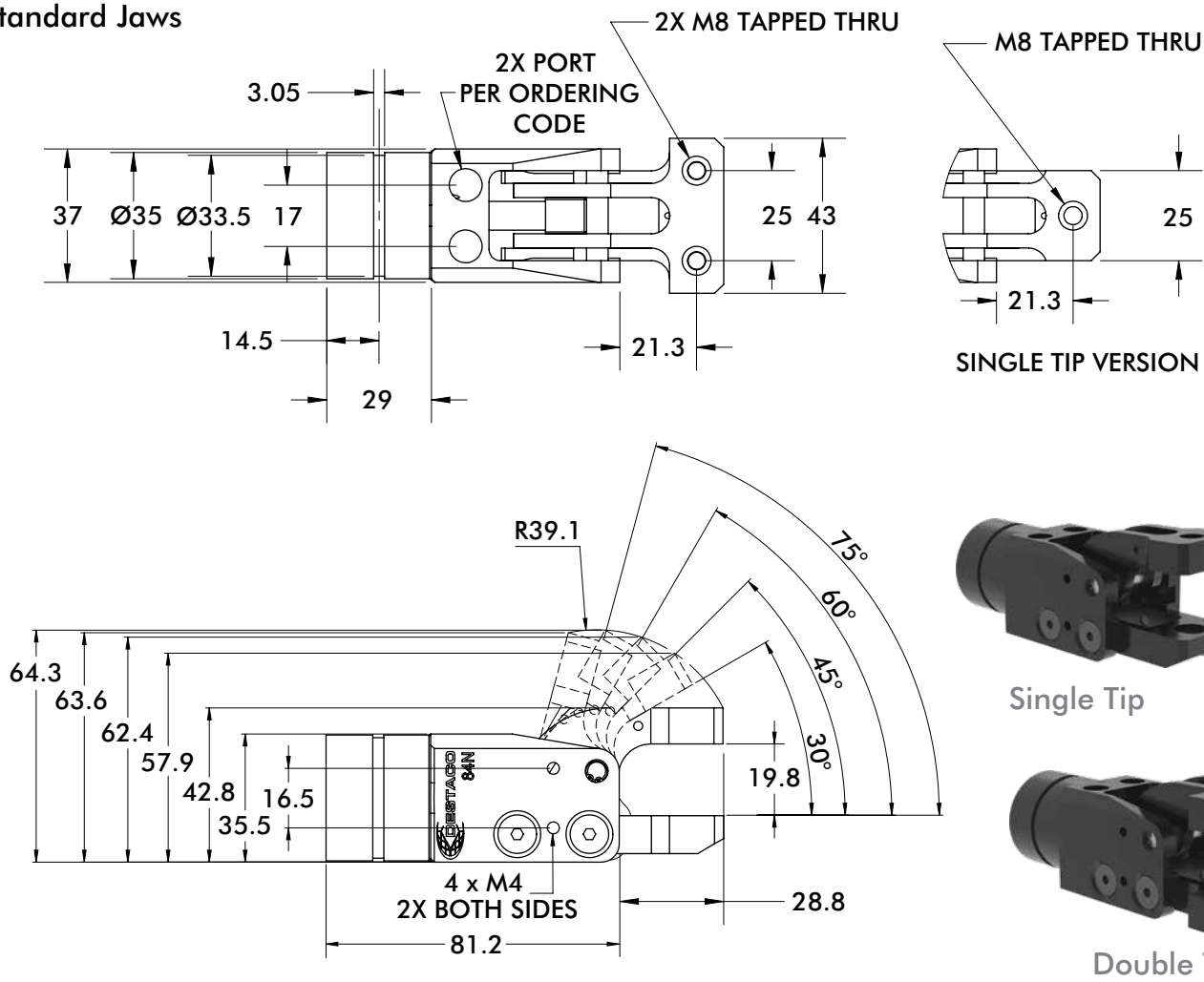
*These options will work on single tip jaws but WILL activate the part present sensor which will result in a false positive if that option is used.

Customer is responsible for final adjustments and tightening of all accessory mounting screws.

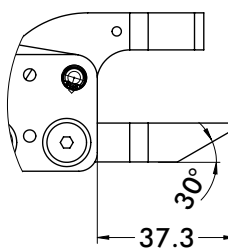
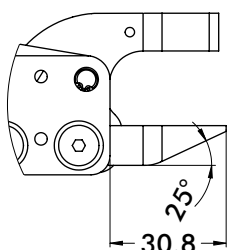
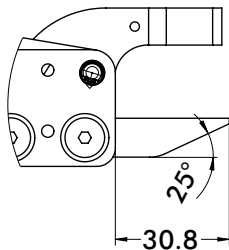
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Accelerate® Press Room Sheet Metal Grippers | Dimensions and Technical Specifications

Standard Jaws



Chisel Jaws



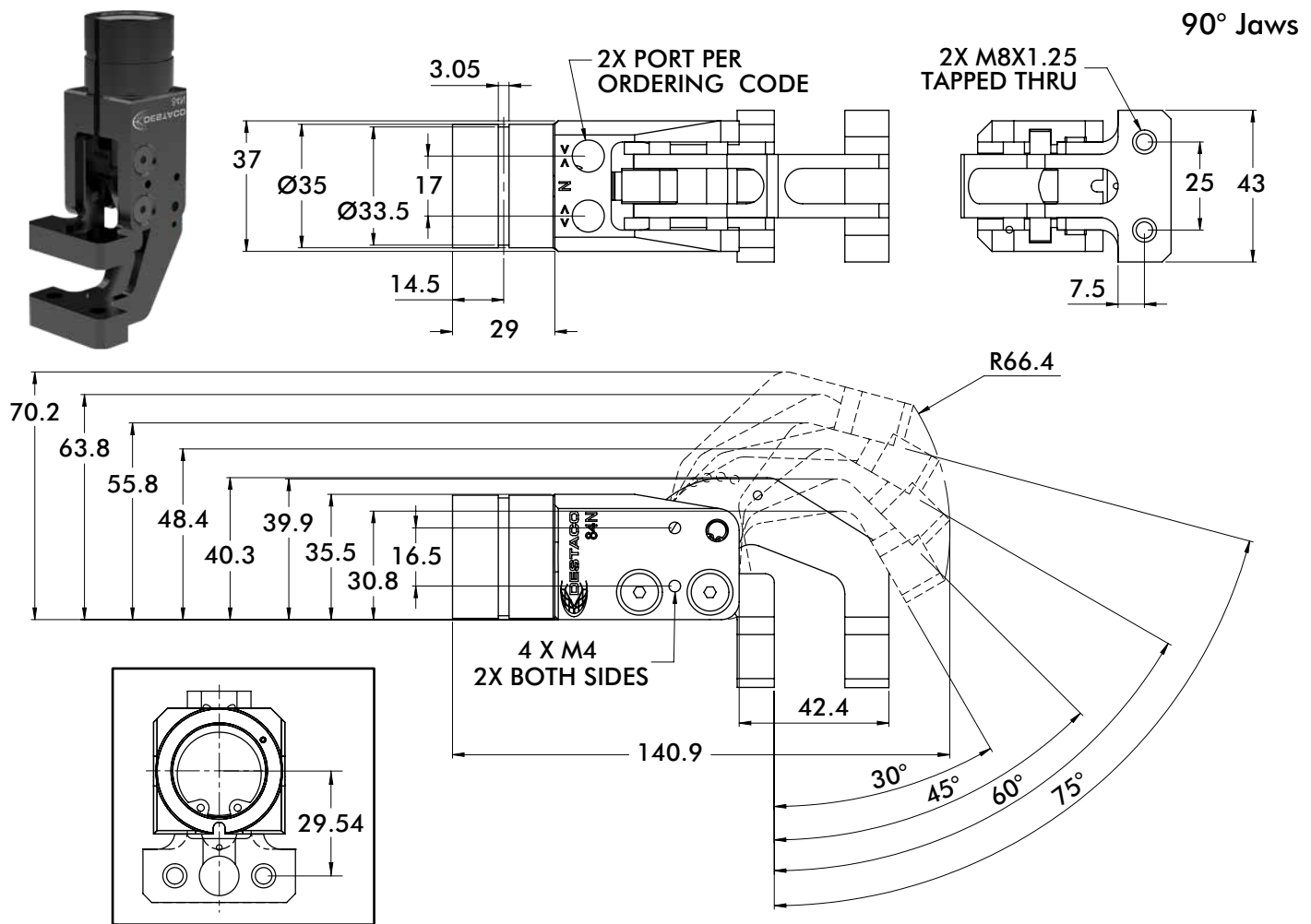
SINGLE TIP VERSION

DOUBLE TIP VERSION

DOUBLE TIP VERSION
PART PRESENCE SENSOR READY

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Accelerate® Press Room Sheet Metal Grippers | Dimensions and Ordering Information



Jaw Tip Options

