

84N1 SERIES

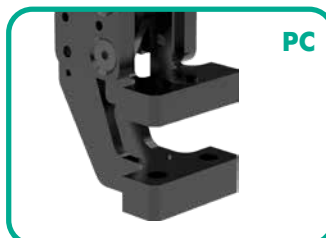
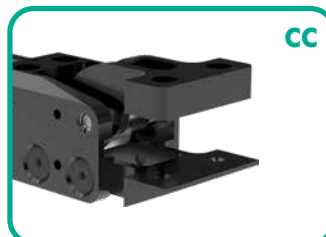
Accelerate® Press Room Sheet Metal Grippers | Ordering Information



Ports	Description
N	1/8 NPT
G	1/8 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



Mounting options are ordered separately:

Please refer to mounting options on pages SG-PRG-11 to 12 for mounting style and part number.



84N1 SERIES

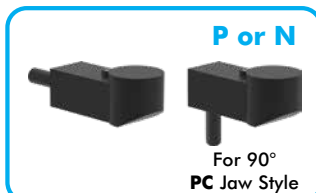
Accelerate® Press Room Sheet Metal Grippers | Ordering Information

Part Presence Detection

0
P
N

Description

None
PNP
NPN



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)

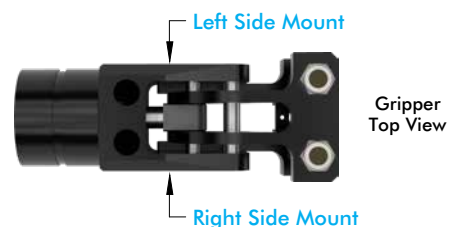


0.4 mm Double blank minimum per sheet thickness

Tips

Description

00 None
01 Serrated Tip (for all
Jaw Styles except FA)
02 Serrated Tip (for
FA Jaw Style only)
03 Point Tip
04 Peen Tip
05 Polyurethane Tip (Durometer 70A)



Description	Part Number	Single Tip Jaw	Double Tip Jaw
Polyurethane Tip	8JD-1005-1	Yes	Yes
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 only)	8JD-1004-1	Yes	No

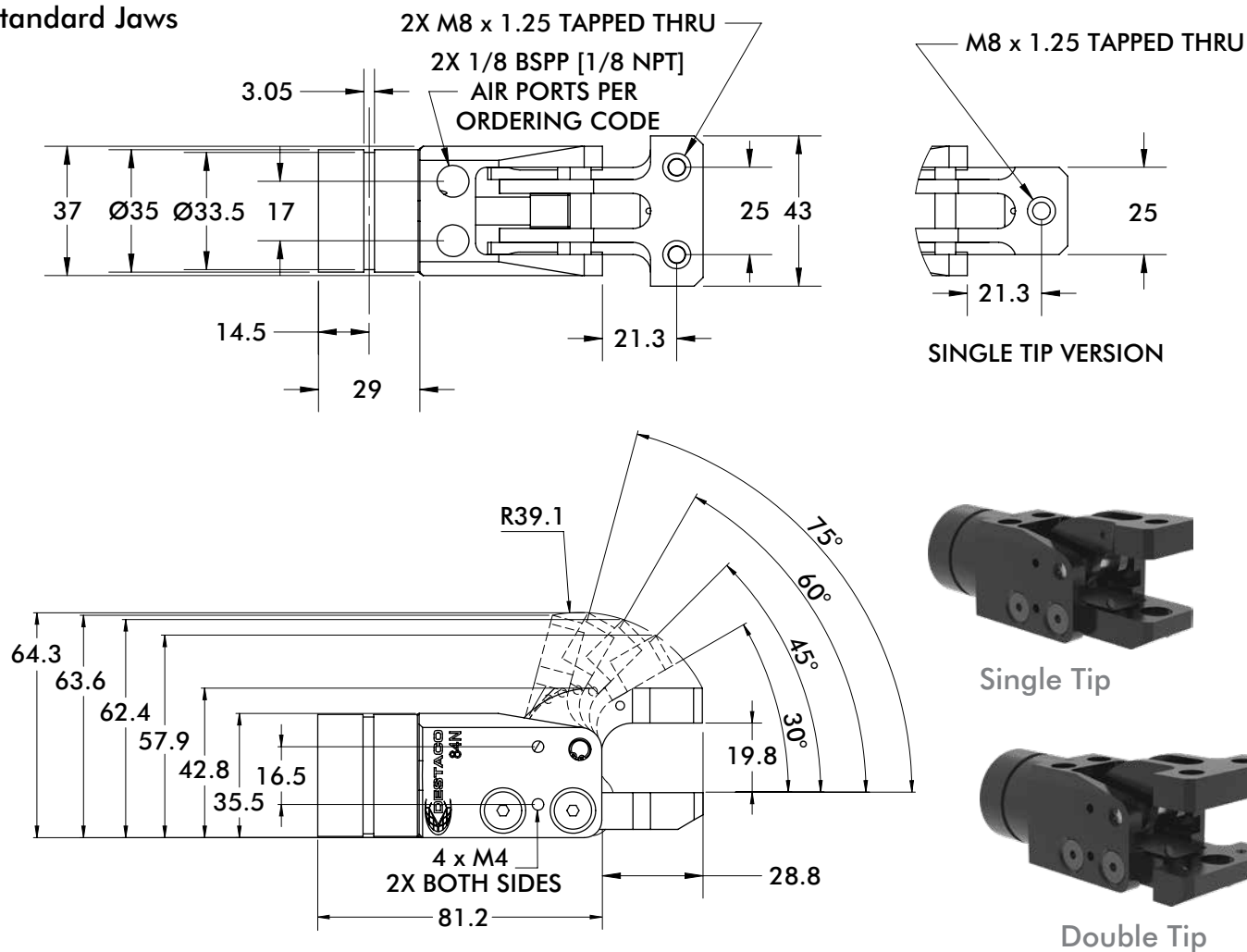
*These options will work on single tip jaws but WILL activate the part present sensor which will result in a false positive if that option is used.

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

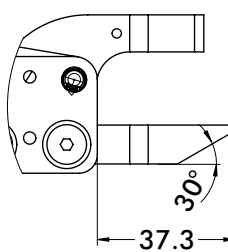
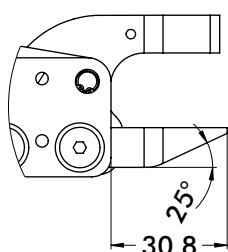
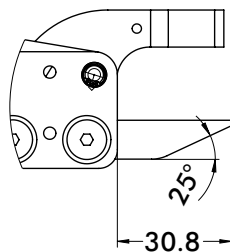
84N1 SERIES

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

Standard Jaws



Chisel Jaws



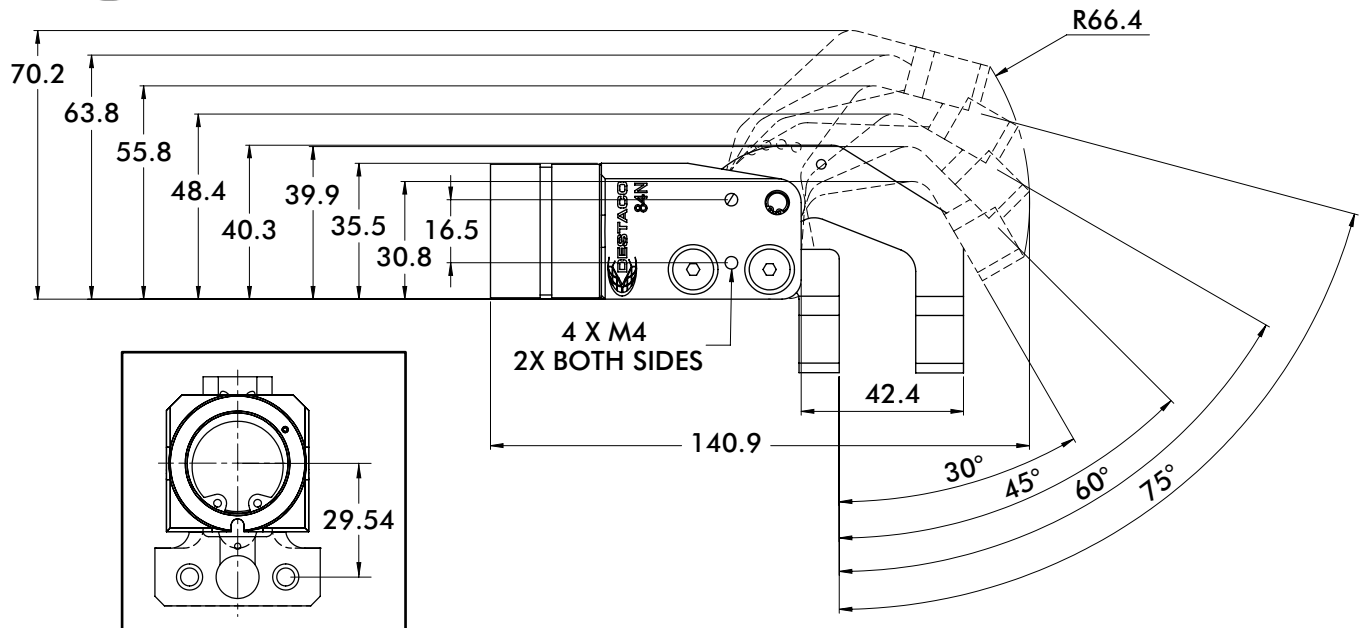
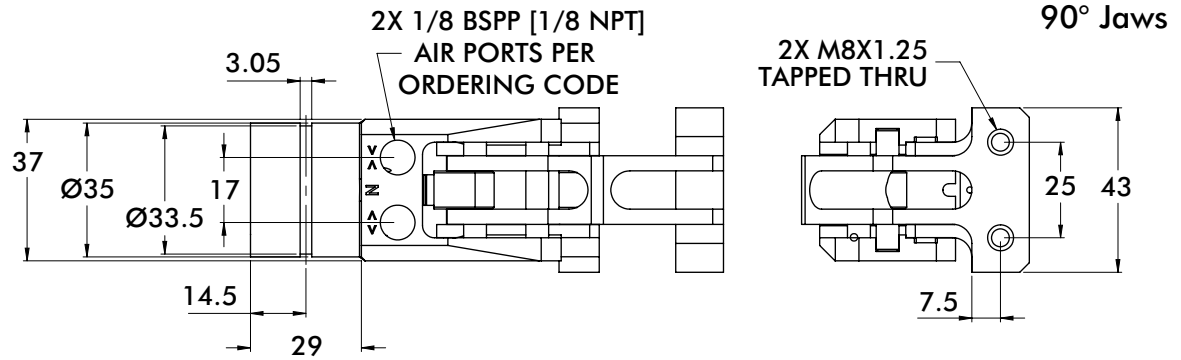
SINGLE TIP VERSION

DOUBLE TIP VERSION

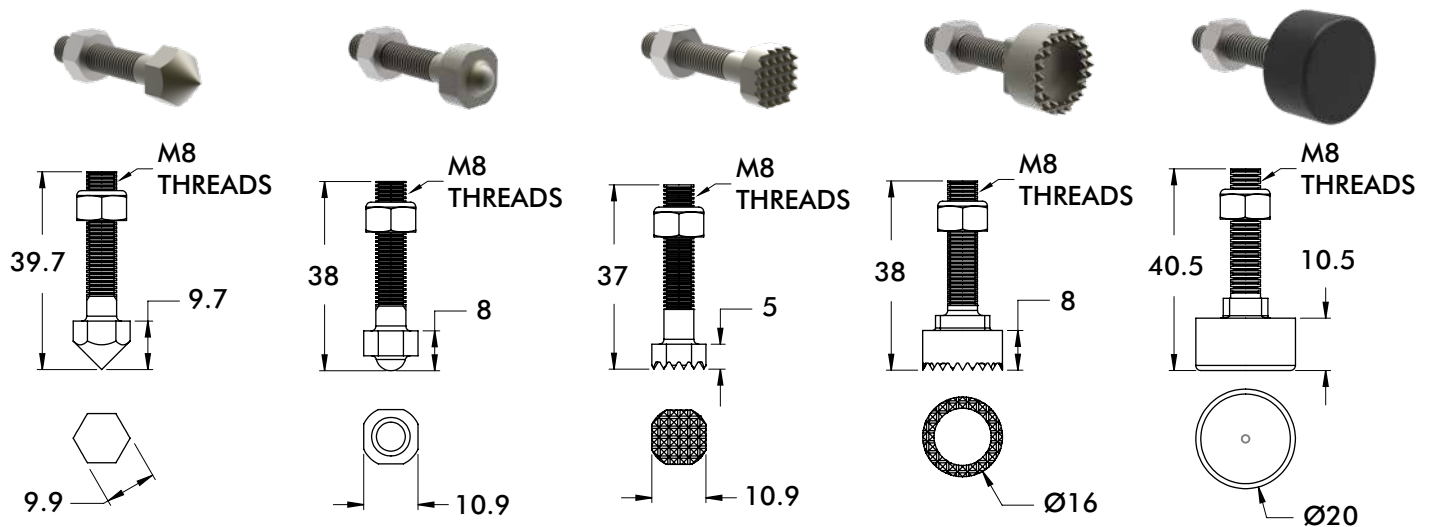
DOUBLE TIP VERSION
PART PRESENCE SENSOR READY

84N1 SERIES

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



Jaw Tip Options



Point Tip

Part Number
8JD-1001-1

Peen Tip

Part Number
8JD-1003-1

Serrated Tip
(for all Jaw Styles except FA)

Part Number
8JD-1002-1

Serrated Tip
(for FA Jaw Style only)

Part Number
8JD-1004-1

Polyurethane Tip

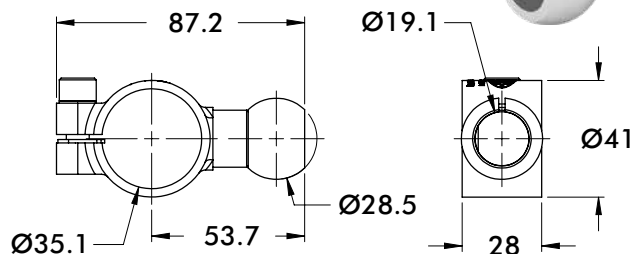
Part Number
8JD-1005-1

84N SERIES MOUNTS

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

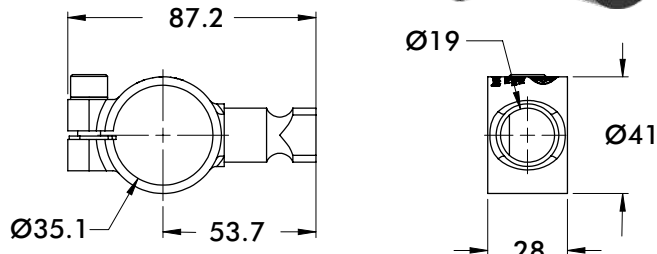
Side Ball and Apple Core Gripper Mounts

Side Ball

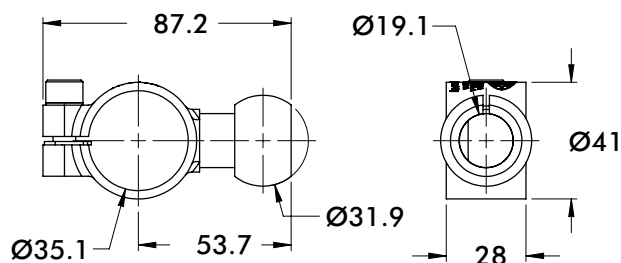


GT-84N1-B112-A

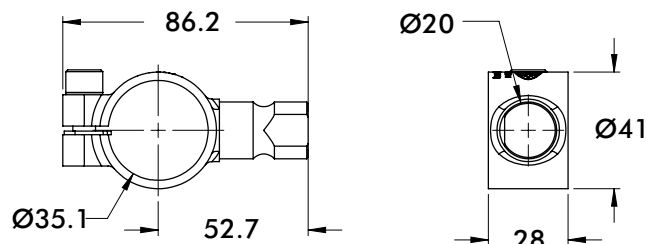
Apple Core



GT-84N1-19M-A

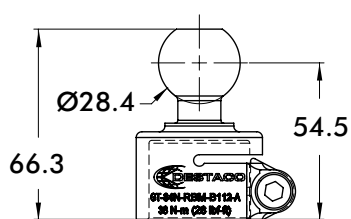


GT-84N1-32B-A

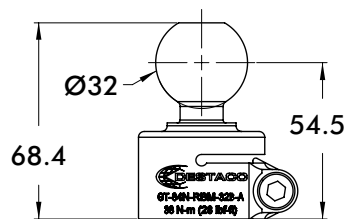


GT-84N1-20M-A

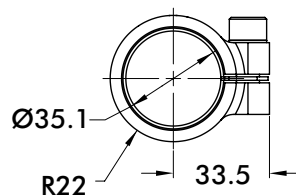
Rear Ball and Flange Gripper Mounts



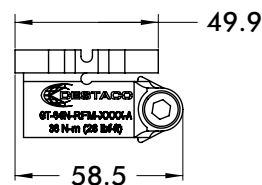
GT-84N-RBM-B112-A



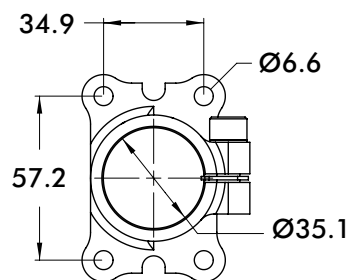
GT-84N-RBM-32B-A



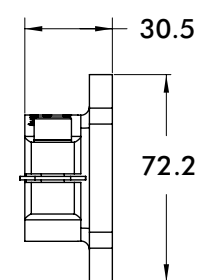
Rear Ball



Rear Flange



GT-84N-RFM-2213-A



Side Ball and Apple Core

Part Number

1.125 in. (28.5mm) Side Ball

GT-84N1-B112-A

32mm Side Ball

GT-84N1-32B-A

19mm Applecore

GT-84N1-19M-A

20mm Applecore

GT-84N1-20M-A

Rear Ball and Flange

Part Number

1.125 in. (28.5mm) Rear Ball

GT-84N-RBM-B112-A

32mm Rear Ball

GT-84N-RBM-32B-A

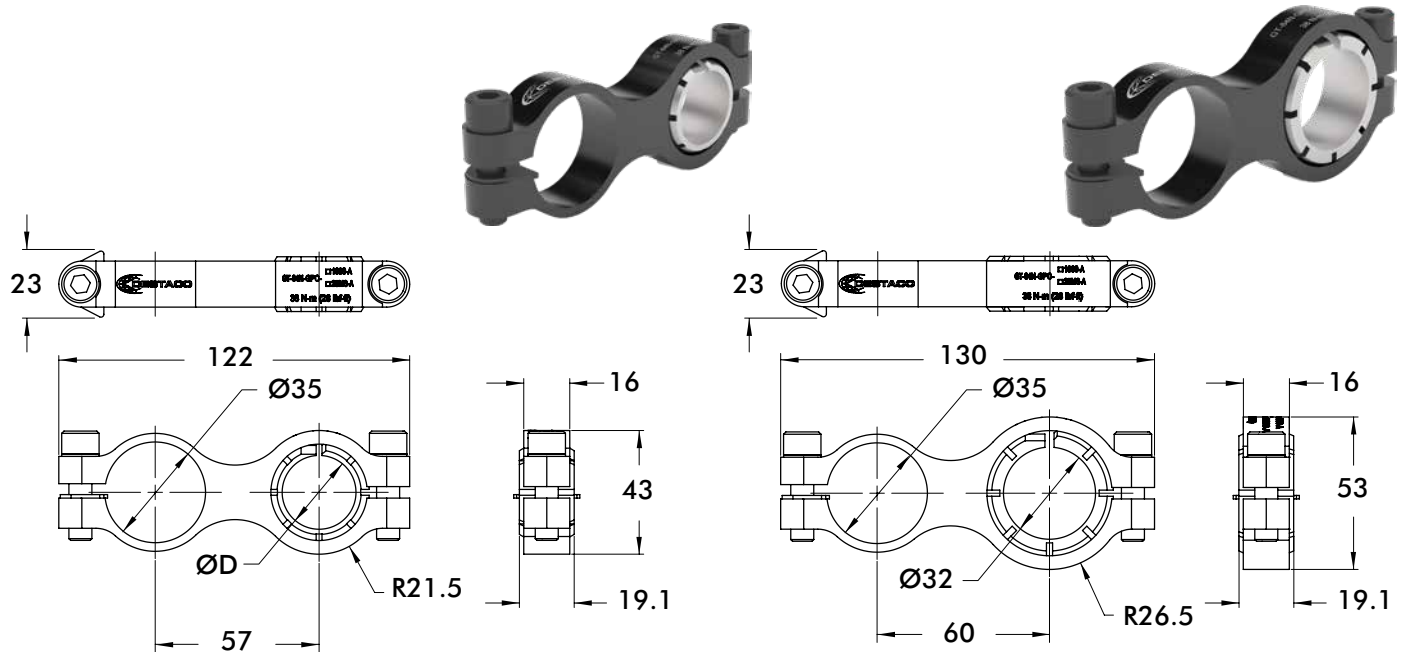
Rear Flange

GT-84N-RFM-2213-A

84N SERIES MOUNTS

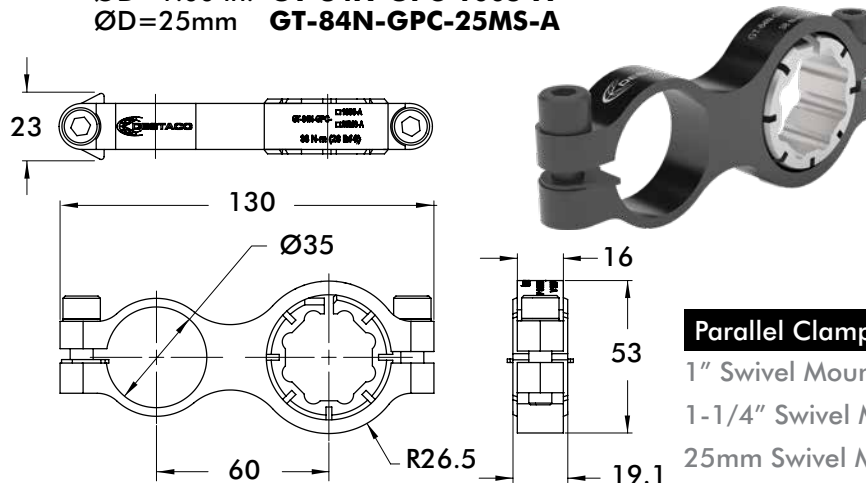
Accelerate® Press Room Sheet Metal Grippers | Dimensions and Ordering Information

Parallel Swivel Gripper Mount



ØD=1.00 in. **GT-84N-GPC-100S-A**
ØD=25mm **GT-84N-GPC-25MS-A**

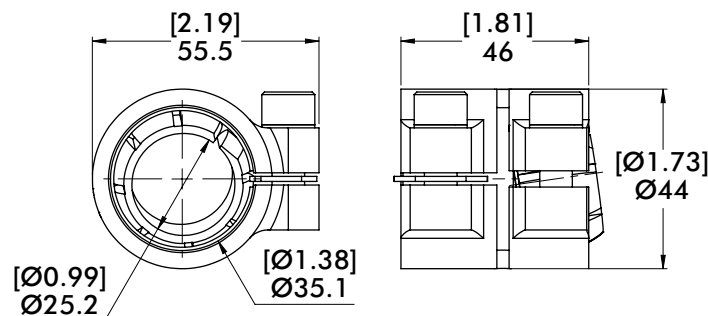
GT-84N-GPC-125S-A



GT-84N-GPC-30BBS-A

Parallel Clamp Swivel Mount	Part Number
1" Swivel Mount	GT-84N-GPC-100S-A
1-1/4" Swivel Mount	GT-84N-GPC-125S-A
25mm Swivel Mount	GT-84N-GPC-25MS-A
30mm Body Builder Swivel Mount	GT-84N-GPC-30BBS-A

Rear Clamp Swivel Mount



GT-84N-RSM-100S-A

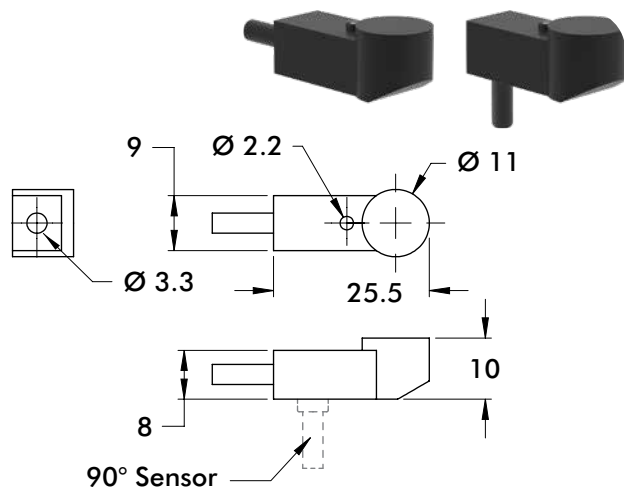


Rear Clamp Swivel Mount	Part Number
25mm Swivel Mount	GT-84N-RSM-25MS-A

84N SENSING OPTIONS

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

Jaw Part Present Sensor (84N1 only) or
Double Blank Sensor (see kit below)



Description	Part Number
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PNP Inductive Part Present Sensor	8EA-1024-1
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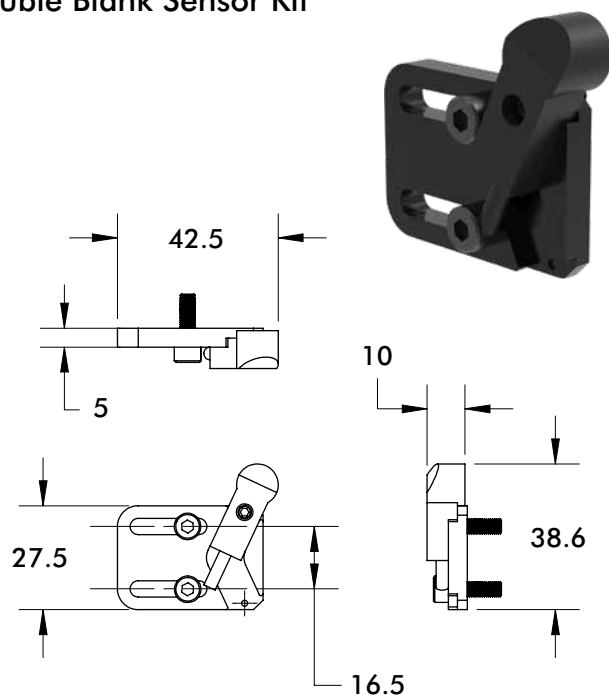
NPN Inductive Part Present Sensor	8EA-1025-1
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90° PNP Inductive Part Present Sensor*	8EA-1027-1
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90° NPN Inductive Part Present Sensor*	8EA-1028-1
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*for 84N1 PC Jaw Style only.

Double Blank Sensor Kit

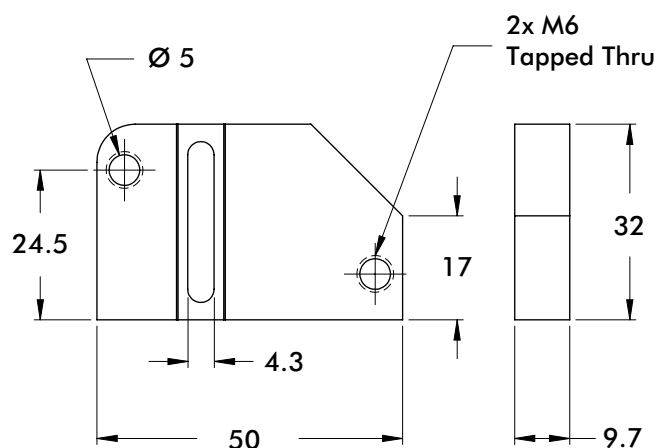
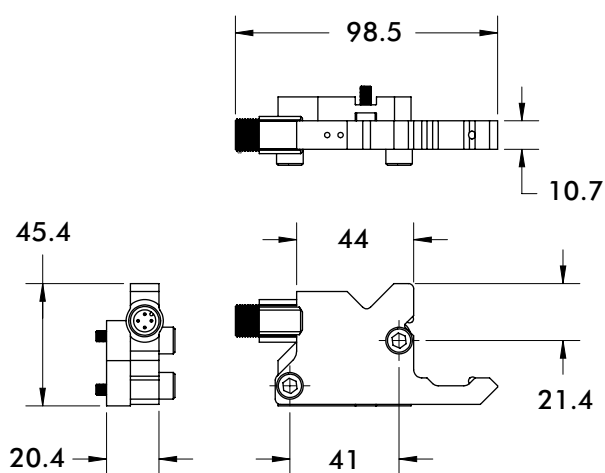
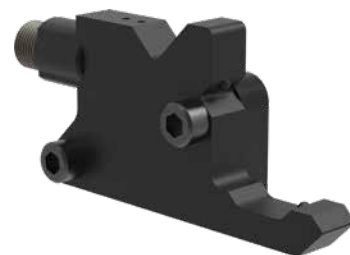


Description	Part Number
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PNP Inductive Double Blank Sensor Kit	8EA-1026-1
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NPN Inductive Double Blank Sensor Kit	8EA-1029-1
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Infrared Part Present Sensor
and Mounting Adapter



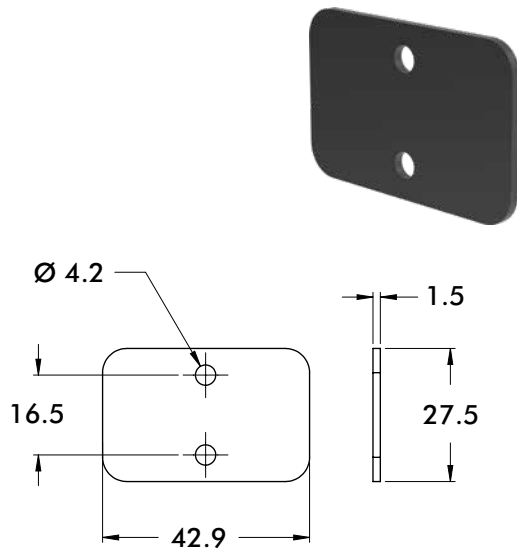
Description	Part Number
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Infrared Part Present Sensor Kit	8EA-1023-1
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84N ACCESSORIES

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

Sheet Stop Option



Description

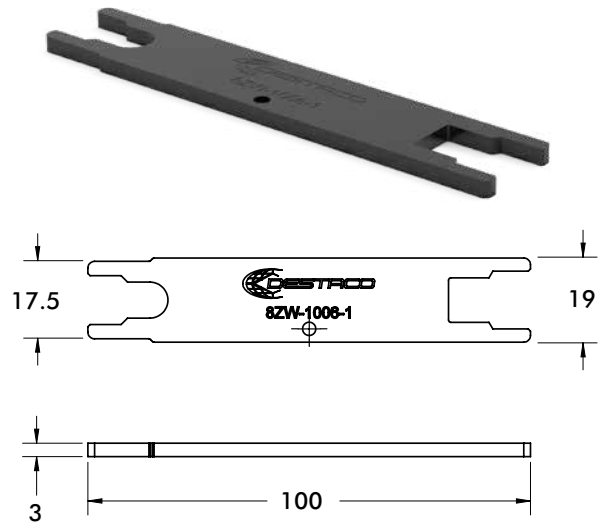
Sheet Stop Kit

Part Number

8MH-1003-1

Includes socket head cap mounting screws

One-Step Easy Tip Adjustment Tool (84N1 only)



Description

One-Step Quick Tip Adjustment Tool

Part Number

8ZW-1006-1