

## 84N Series

### Sheet Metal Press Room Gripper Products

DESTACO Introduces the newest addition to its line of stamping press sheet metal gripping solutions.

The Accelerate® sheet metal press room gripper is half the weight and more compact, with faster actuation — when compared to our closest competition<sup>(1)</sup> — without sacrificing grip force which measures up to 1000 N at 5 bar.

The lighter, smaller and faster 84N series gripper accelerates stamping press operations by helping customers produce more stamped parts per hour with higher efficiency while reducing moment forces and overall system wear and tear.

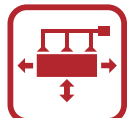


#### Product Highlights/Options

- Standard, chisel and 90° jaw options
- 30°, 45°, 60° and 75° jaw opening available
- Flexible mounting options
- Part present sensing
- One-step tip adjustment tool














GRIPPING



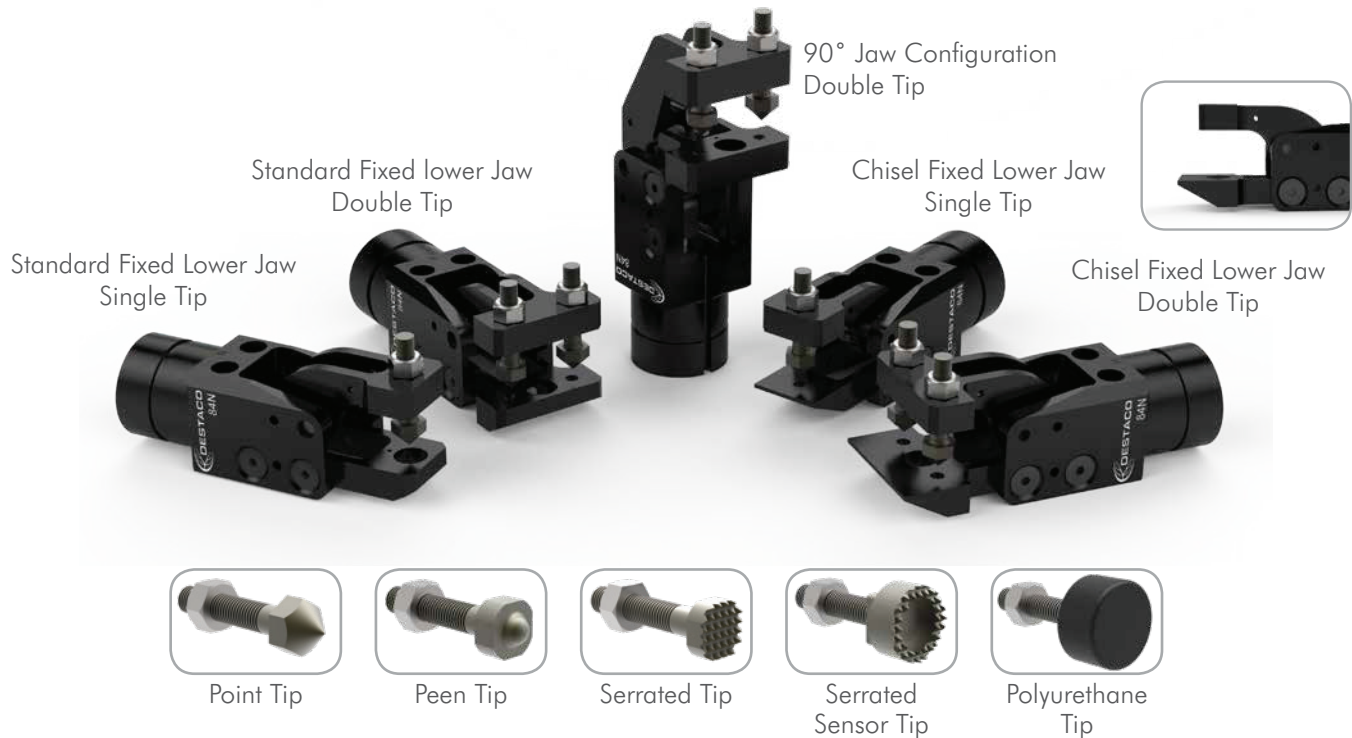
PICK AND PLACE

#### Features, Markets and Applications

 COMPACT SIZE	<ul style="list-style-type: none"> <li>• 12% smaller footprint <sup>(*)</sup></li> <li>• Zero protrusion fixed jaw</li> <li>• No protrusion of top jaw mechanism below body</li> </ul>	 AUTOMOTIVE	 STAMPING
 LIGHTWEIGHT	<ul style="list-style-type: none"> <li>• 60% lighter, weighing only 0.27kg (vs 0.56kg) <sup>(*)</sup></li> <li>• Body constructed of lightweight aluminum</li> </ul>	 CONSUMER	 ASSEMBLY
 PERFORMANCE	<ul style="list-style-type: none"> <li>• 60% faster actuation time at 33ms (vs 50ms) <sup>(*)</sup></li> <li>• Compact and powerful, with a grip force up to 1000N at 5 bar</li> <li>• Integrated clamp-loss protection</li> </ul>	 AEROSPACE	 CNC MACHINING
		 PACKAGING	 FIXTURE/TEST

# ACCELERATE® PRESS ROOM GRIPPER

## 84N1 Series Sheet Metal Gripper with Adjustable Tips



## 84N2 Series Sheet Metal Gripper with Fixed Tips



# ACCELERATE® PRESS ROOM GRIPPER

## 84N Series Mounting and Sensor Options



Rear Flange  
Gripper Mount



32mm or 1.125 inch  
Rear Ball Gripper Mount



25mm Tube  
1.00/1.25 inch Tube  
or 30mm Bodybuilder  
Parallel Swivel  
Gripper Mount



32mm or 1.125 inch  
Side Ball Gripper Mount



19mm or 20mm  
Apple Core Gripper Mount



Clamp-Loss Prevention  
Feature



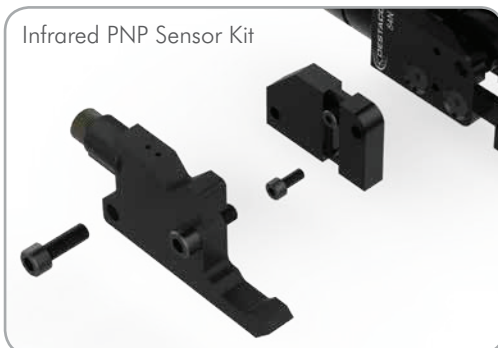
Double Blank Detector  
Sensor Kit



Part Present Detector  
Sensor Kit



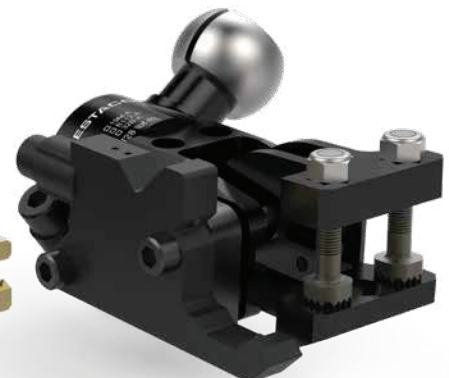
Sheet Stop



Infrared PNP Sensor Kit



84N2 with Rear Flange Mount and  
Double Blank Detector Sensor Kit



84N1 with 32mm Side Ball Mount  
and Infrared PNP Sensor Kit

## 84N Series Sheet Metal Gripper used with Accelerate Lightweight Tooling.



The Accelerate® Press Room Sheet Metal Gripper is designed to compliment the Accelerate® Collection, providing a complete lightweight and flexible tooling system.

The Accelerate® Collection handle parts of any size and shape throughout the stamping process.

The Accelerate® Press Room Sheet Metal Gripper is:

**60% lighter\*** (0.27kg vs 0.56kg)

**12% smaller\*** foot print

**60% faster\*** actuation (33ms vs 50ms)

**100% DESTACO** innovation

\*When compared with our closest Competition

Specification	Unit	
Grip Force at 5 bar	N	Up to 1000
Weight (FC00 version)	Kg	.27
Size L x W x H (closed)	mm	110 x 43 x 43
Size L x W x H (open)	mm	110 x 43 x 64
Actuation Time	ms	33
Life	cycles	5 million
Minimum Operating Pressure	bar	1
Opening Angles		30°, 45°, 60°, 75°
Piston Ø	mm	25
Air Consumption/Cycle	L	.015

Dimensions and technical information are subject to change without notice.