

## BC19 30mm Bodybuilder to Ø19mm [.75 in] Apple Core Swivel End Mount



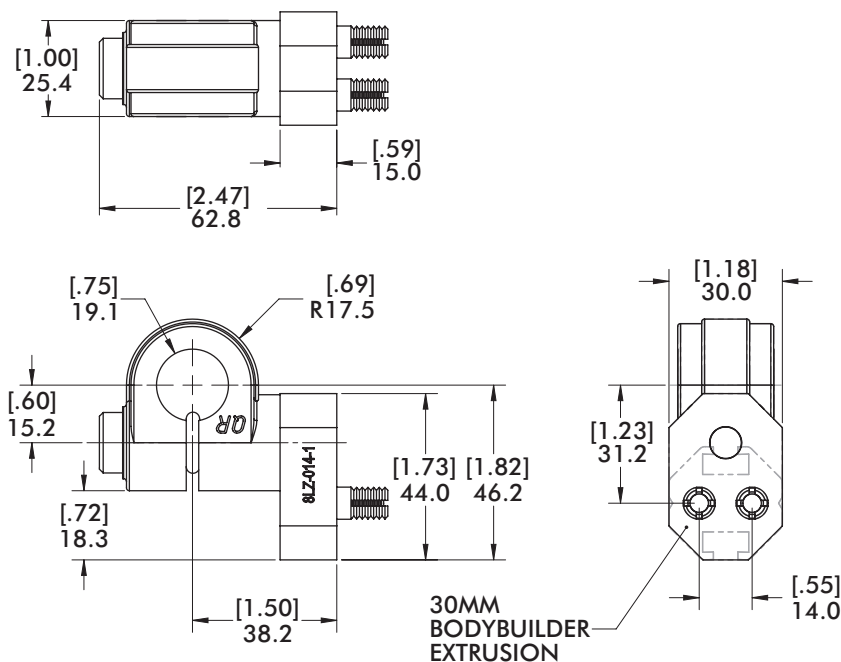
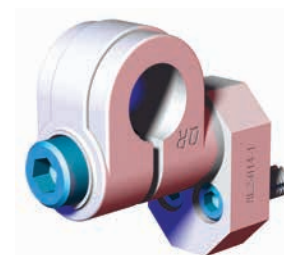
### Features:

- Mounts to BodyBuilder™ 30mm extrusion boom.
- One bolt design for easy assembly and adjustment, allowing accessories to be repositioned easily.
- Provides 360° of adjustment along (2) axis.

### Specifications:

**Material:**  
Aluminum

INCLUDES (2) INSERTS TO BE PRESS-FITTED INTO THE END OF 30MM BODYBUILDER™ OCTAGONAL BOOM



**Model Number**  
CPI-BC-19

**Weight**  
.13 kg [.28 lb]

# BODYBUILDER™ SWIVEL ARM ACCESSORIES

BodyBuilder™ Octagonal Tooling | Dimensions | Technical Specifications



## AB-750-SL Part Present Proximity Switch Mount

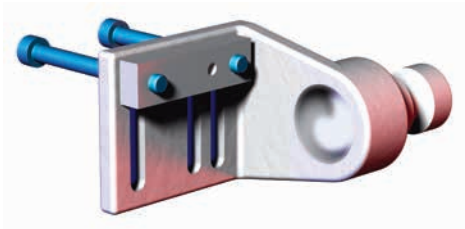
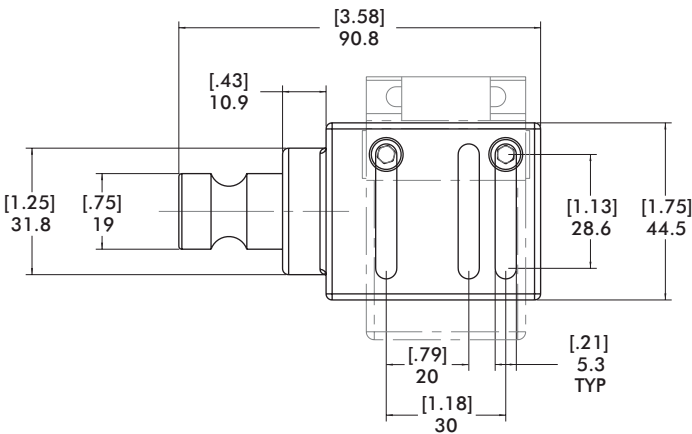
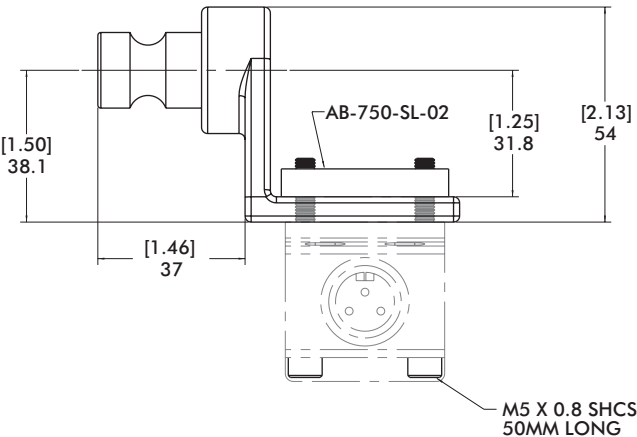
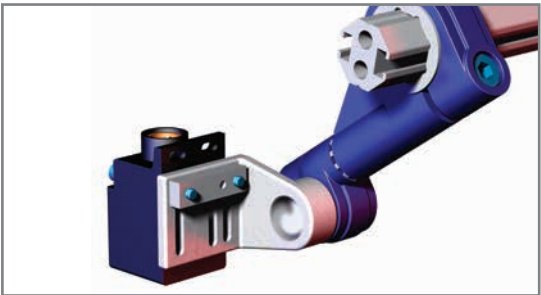
### Specifications:

**Max. Static Clamp Load:**  
271 Nm [200 ft-lb]

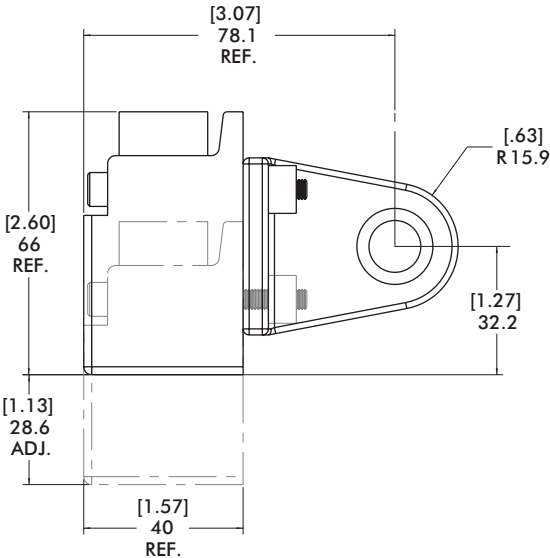
**Material:**  
Aluminum

### Features:

- Mounts a 40mm square proximity sensor to the BodyBuilder™ 30mm Swivel Arm (CPI-"L"-30-SA).
- Mount allows for 360 degrees of radial adjustment along one axis.
- Slots allows 28.6mm [1.13 in] of linear adjustment for fine tuning during final setup.



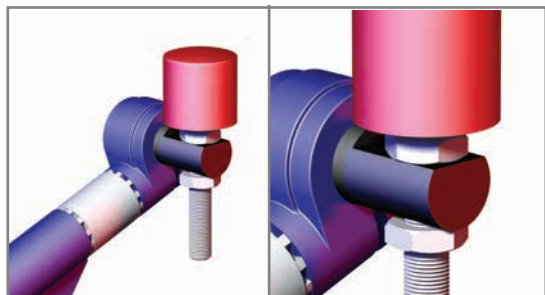
**FASTENERS AND NUT  
INCLUDED**



**Model Number**  
**CPI-AB-750-SL**

**Weight**  
**.10 KG [.22 lb]**

## SAP-BM10 Ø19mm [.75 in] Apple Core Nest Bumper Mount



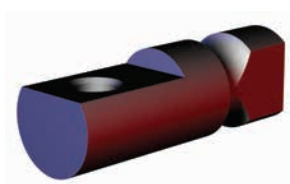
### Specifications:

**Max. Static Clamp Load:**

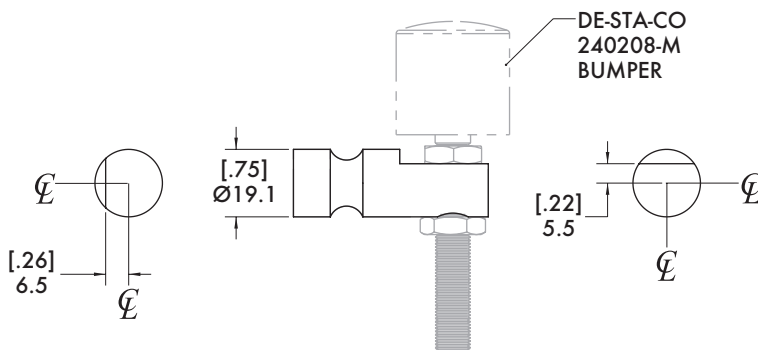
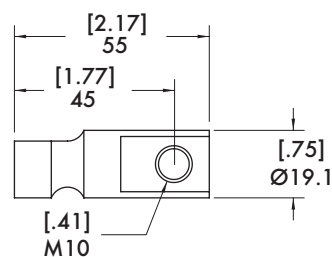
271 Nm [200 ft-lb]

**Material:**

Steel



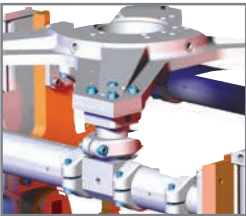
Model Number	Weight
CPI-SAP-BM10	.10 kg [.21 lb]



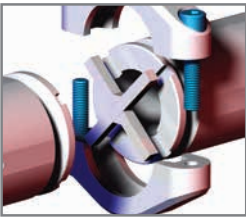
# SPIDERGRIP END EFFECTOR TOOLING SYSTEMS



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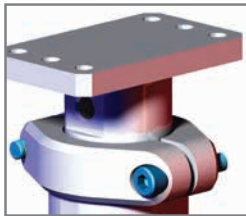
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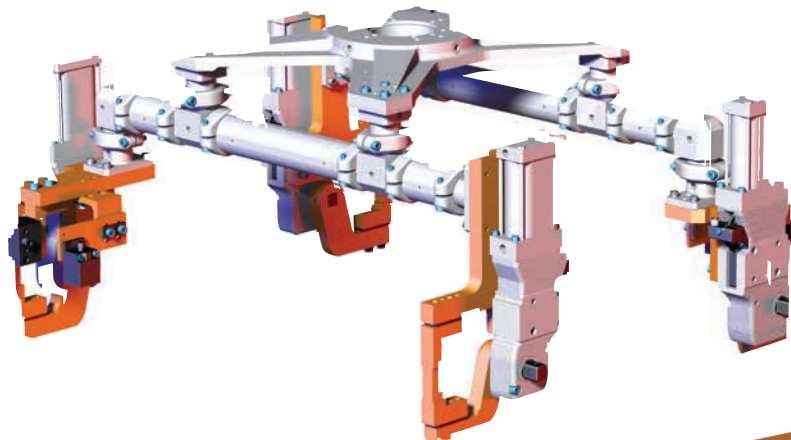


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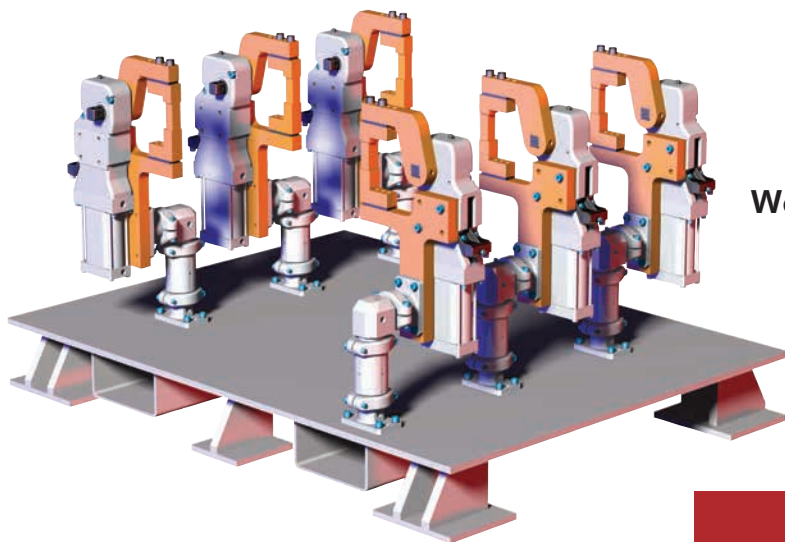
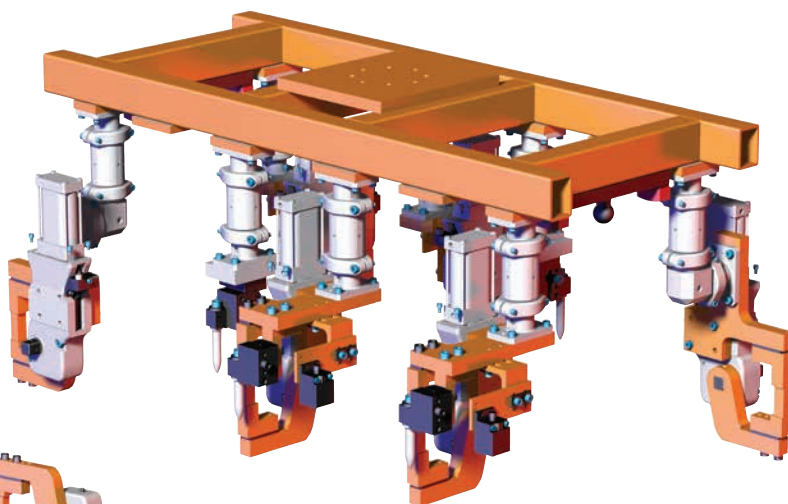
# SPIDERGRIP GEOMETRIC END EFFECTOR SYSTEM

Spidergrip Tooling Components | Typical Application Build Examples

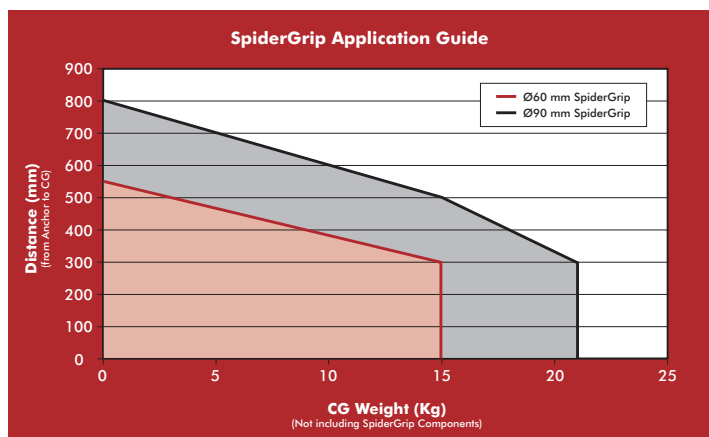


**Materials Handling End Effector Tooling System with RM4 Heavy Duty Mid-Mount Assembly (RM4-ST5).**

**Geometric End Effector Tooling System with Steel Frame Backbone.**



**Weld Fixture Tooling System**



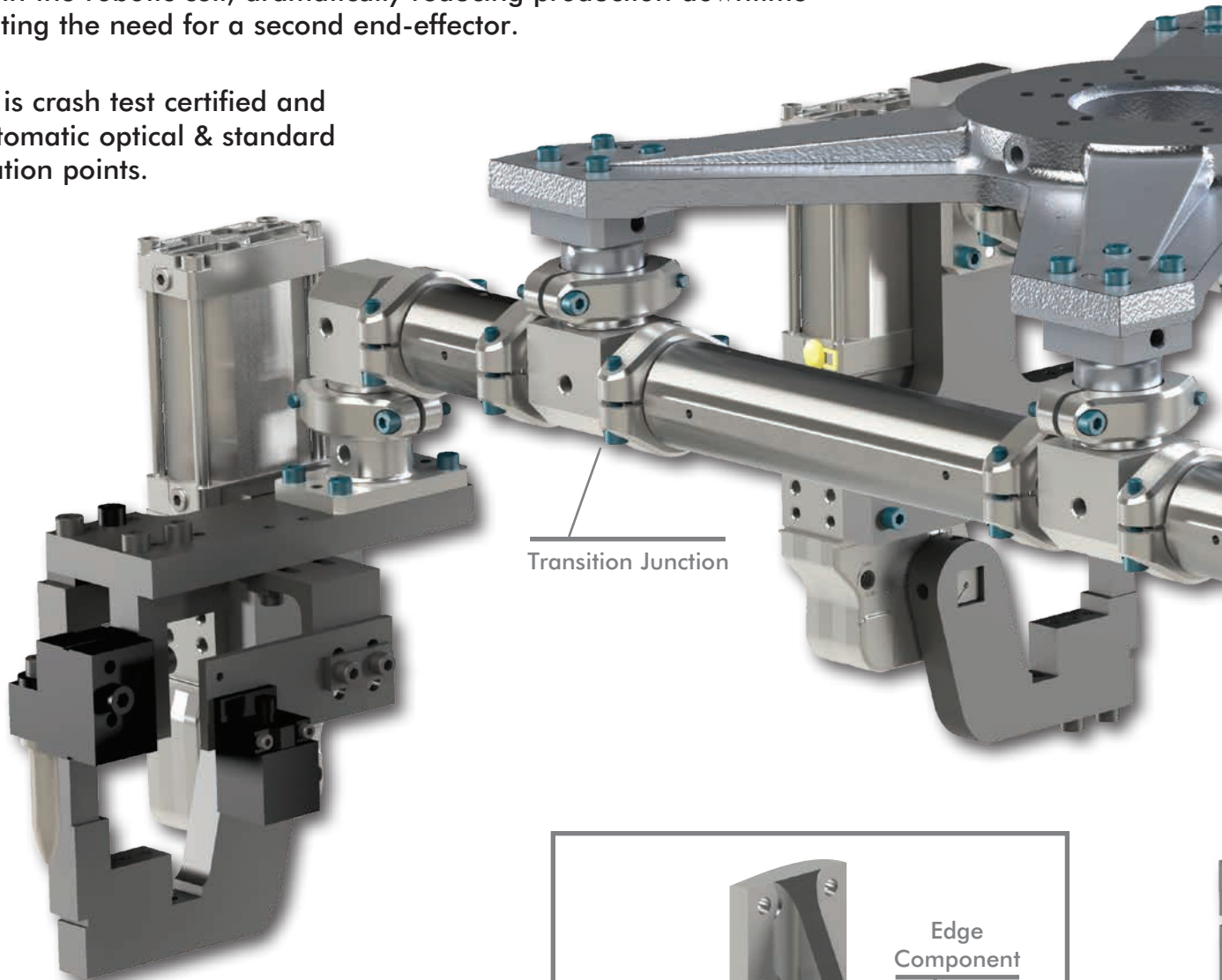
# SPIDERGRIP GEOMETRIC END EFFECTOR SYSTEM

## Product Overview

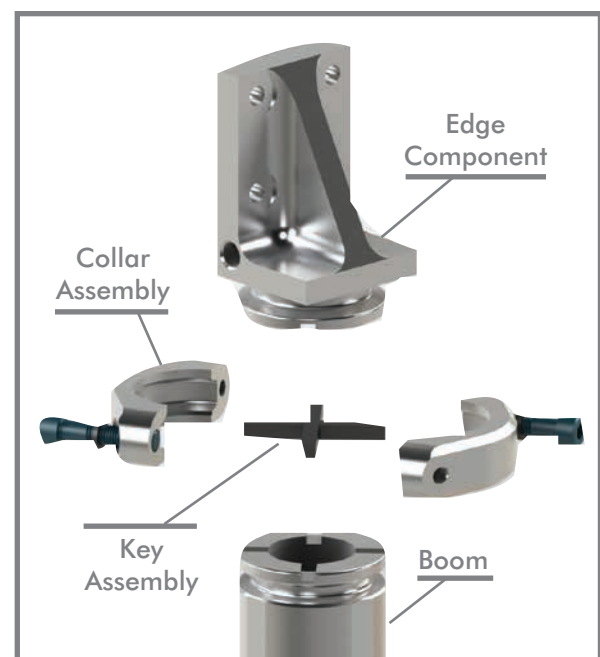


SpiderGrip Geometric End Effector Tooling System offers a standard cost effective solution by making it easy for each component to be replaced individually in the robotic cell, dramatically reducing production downtime and eliminating the need for a second end-effector.

This system is crash test certified and features automatic optical & standard CMM validation points.



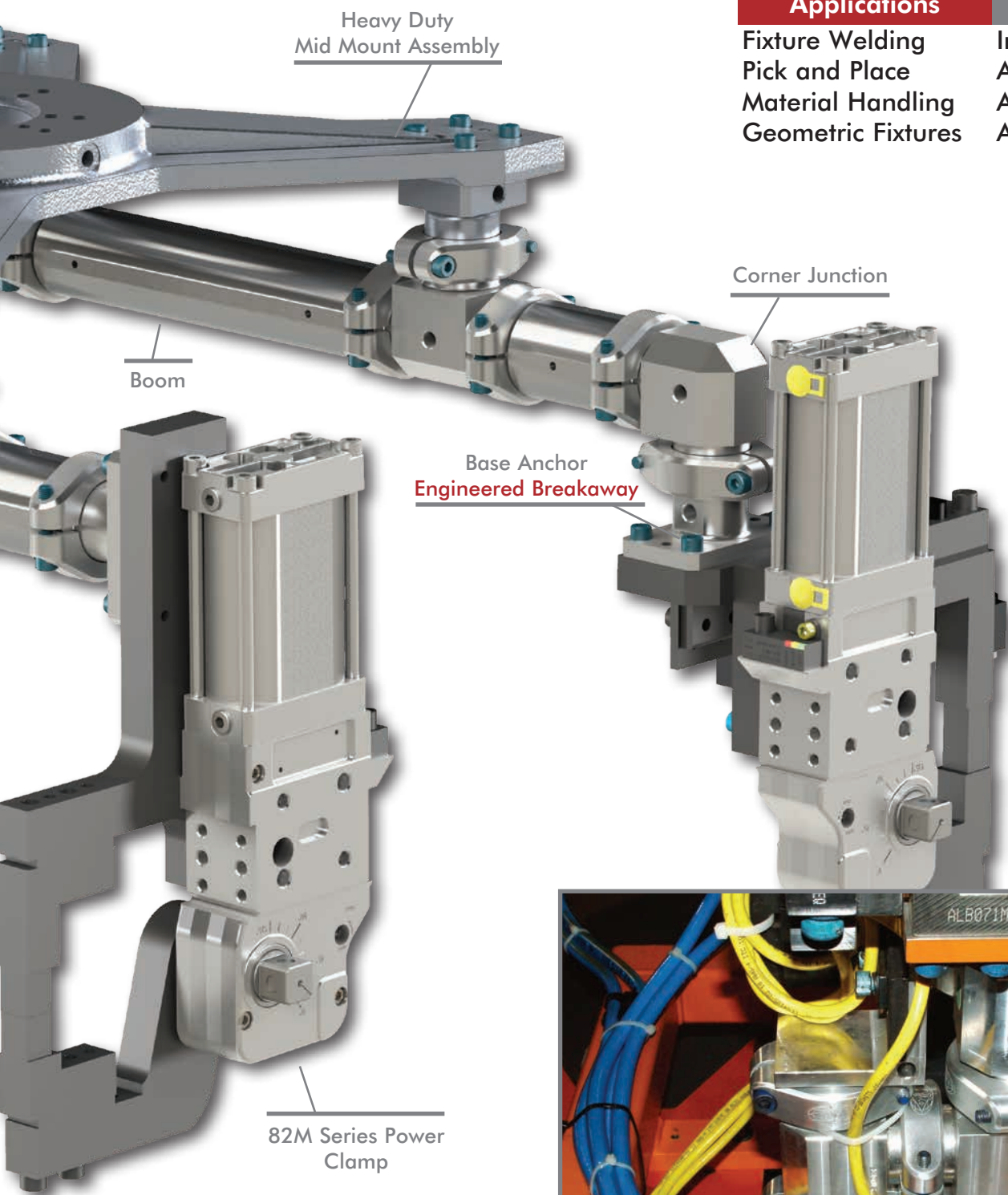
Spidergrip modular components are easily configurable and offer high strength to weight ratios while maintaining dimensional accuracy after continuous minor collisions. The patented collar/key design and engineered breakaway base anchor provides quick crash recovery.





# SPIDERGRIP GEOMETRIC END EFFECTOR SYSTEM

Product Overview



Most commonly used in:	
Applications	Markets
Fixture Welding	Industrial
Pick and Place	Automotive
Material Handling	Aerospace
Geometric Fixtures	Appliance

