

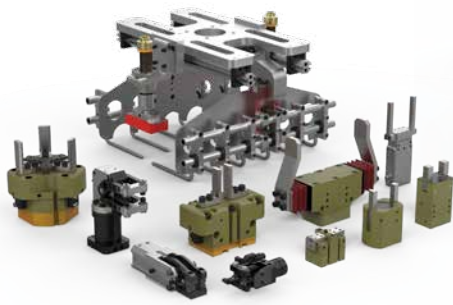
Visual Selection Guide

End Effectors | End-of-Arm Tooling, Vacuum Products



ABOUT DESTACO

Built on a Strong Foundation



Gripping Solutions



Linear Positioning Solutions



Rotary Positioning Solutions



Clamping Solutions



CRL Central Research Laboratories
a DESTACO company

CRL Remote Handling Solutions



Robotic Tooling Solutions

Destaco, a Dover company, is a global leader in the design and manufacture of high-performance automation, workholding and remote-handling solutions. The company serves customers in a variety of end-markets, including the automotive, life sciences, consumer packaged goods, aerospace, industrial and nuclear sectors.

Built on a legacy of more than 100 years, Destaco offers a comprehensive portfolio of products designed to engineer precise movement, placement and control solutions that drive productivity and uptime for manufacturers around the world. The Destaco family of products consists of industry-leading brands such as Destaco Manual Clamps, Power Clamps, and End Effectors; CAMCO™ and Ferguson™ Indexers; Robohand™ Grippers; and CRL™ Manipulators and Transfer Ports.

Destaco is based in Auburn Hills, Michigan, U.S.A. The company has more than 800 employees with 13 locations, in 9 countries, across the Americas, Europe and Asia.

Destaco is part of Dover Corporation, a diversified global manufacturer with annual revenues of \$7 billion. The company delivers innovative equipment and components, specialty systems and support services through four major operating segments: Energy, Engineered Systems, Fluids, and Refrigeration & Food Equipment. Headquartered in Downers Grove, IL, (NYSE: DOV)

More information is available at destaco.com and dovercorporation.com

Focusing all our Resources

New Product Development

DESTACO has dedicated resources to design and build the next generation of products and solutions

Customer and Technical Service

DESTACO has industry leading global support to address any product and application concerns you may have

Design Tools

DESTACO provides an extensive CAD library, sizing software, and online tools to support our global customers



Our Insight Working for You

Application Engineering

We utilize our expertise and complete portfolio of products to create solutions that fit our customers' needs and applications

Custom Solutions

If our off-the-shelf solutions don't fit, we will partner with our customers to develop products that will



End Effector Solutions

Speed Matters

DESTACO end effectors are designed to help you move parts faster in today's production line by using high strength, lightweight aluminum modular components, durable vacuum cups and the fastest venturis on the market.

- Robotic load and unload
- Geo-docking and fixture
- Tri-axis press transfer
- Tandem press transfer
- High-speed and traditional crossbar press transfer
- Bag and box palletizing
- Molding part unload



Markets



Transportation



Aerospace



Industrial



Food & Packaging



Consumer Goods

Applications



Press Room/Stamping



Assembly



Welding



Hot Forming

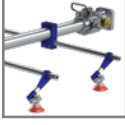


Plastic Injection Molding



CNC/Machining

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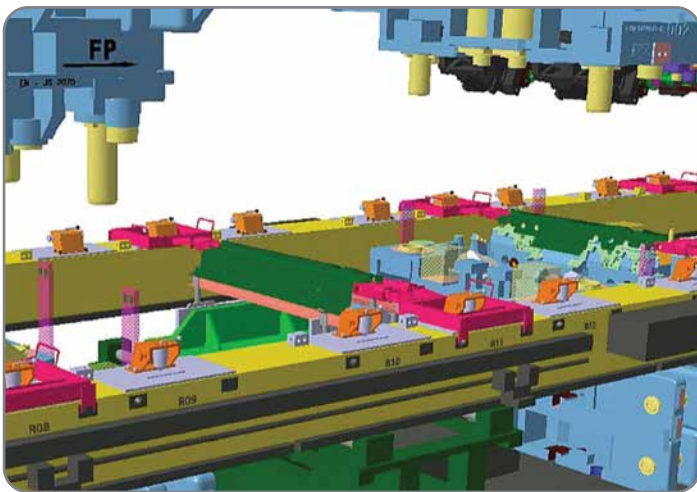
CONCEPT-TO-COMMISSION SOLUTIONS AND SUPPORT

The launch of our new accelerate light weight tooling in 2013 was specific for the new generation fast press lines but usable as backwards retrofit to all older standards. Today, more customers are asking for an integrated digital supply package. Digital build allows us to manufacture tools without a stage sample or 2D drawings.



We partner with our customers to provide designs for all press types:

- Servo press
- Robot crossbar
- Feeder crossbar
- Speedbar
- Robot tandem
- Tri-axis transfer



Digital Press Shop and Virtual Assembly

- 3D model design and collision checking of die, press, automation, and tooling
- Digital simulation using Delmia
- Precise build capability using robot technology^①
- Tool qualification using metrology^①
- Installation using own physical simulation and install teams

① Where Available



ROBOT ADAPTOR MOUNTS

CLICK OR SCAN
QR code for Robot
Adaptor Mounts



Robot Automation Adaptors

250 Series Robot Adaptor										
Adaptor Mounts		Mounting Pattern			Dowels			Pilot		Dwg Page
STYLE (Model)	Type Avail.	BOLT CIRCLE	BOLT SIZE	BOLTS QTY	BOLT CIRCLE	DWL SIZE	DWL QTY	DIAMETER (Ø)	DEPTH	
STYLE 1 (ACMX58)	DM/90	Ø90mm [Ø3.54"]	M8	8	Ø80mm [Ø3.15"]	10mm	4	N/A	N/A	19
STYLE 2 (FA500)	DM/90	Ø90mm [Ø3.54"]	M10	8	Ø90mm [Ø3.54"]	10mm	4	Ø59.5mm [Ø2.34"]	4.8 [.19]	19
STYLE 3 (KW150)	DM/90	Ø92mm [Ø3.62"]	M10	6	Ø92mm [Ø3.62"]	9mm	2	Ø54mm [Ø2.13"]	6.4 [.25]	19
STYLE 4 (FA900)	DM/90	Ø125mm [Ø4.92"]	M10	6	Ø125mm [Ø4.92"]	10mm	2	Ø79.5mm [Ø3.13"]	6.4 [.25]	19
STYLE 5 (KA760)	DM/90	Ø160mm [Ø6.30"]	M10	6	Ø160mm [Ø6.30"]	10mm	2	Ø99.9mm [Ø3.94"]	6.4 [.25]	19
STYLE 6 (MMNY300)	DM	Ø200mm [Ø7.87"]	M12	6	Ø200mm [Ø7.87"]	12mm	1	N/A	N/A	20
STYLE 7 (FA430I)	DM/90	Ø125mm [Ø4.92"]	M10	6	Ø125mm [Ø4.92"]	10mm	2	Ø79.5mm [Ø3.13"]	6.4 [.25]	20
STYLE 8 (FA420)	DM	Ø92mm [Ø3.62"]	M10	8	Ø92mm [Ø3.62"]	10mm	4	Ø79.5mm [Ø3.13"]	4.8 [.19]	20
STYLE 9 (ABB44)	DM/90	Ø100mm [Ø3.94"]	M10	6	Ø100mm [Ø3.94"]	8mm	2	Ø61.9mm [Ø2.44"]	6.4 [.25]	20
STYLE 10 (KWZ165)	DM/90	Ø125mm [Ø4.92"]	M10	10	Ø125mm [Ø4.92"]	10mm	2	Ø79.5mm [Ø3.13"]	6.4 [.25]	20
STYLE 11 (KWUT120)	90	Ø120mm [Ø4.72"]	M8	8	Ø120mm [Ø4.92"]	8mm	2	N/A	N/A	21
STYLE 12 (FA710)	DM	Ø100mm [Ø3.94"]	M8	6	Ø100mm [Ø3.94"]	8mm	2	N/A	N/A	21
STYLE 14 (MMK100)	90	Ø125mm [Ø4.92"]	M10	6	Ø125mm [Ø4.92"]	10mm	2	Ø61mm [Ø2.40"]	6.4 [.25]	21
STYLE 15 (KA660)	DM/90	Ø160mm [Ø6.30"]	M12	6	Ø160mm [Ø6.30"]	12mm	1	Ø99mm [Ø3.90"]	6.4 [.25]	21
STYLE 16 (FA2000)	DM	Ø125mm [Ø4.92"]	M10	10	Ø125mm [Ø4.92"]	10mm	2	Ø79.5mm [Ø3.13"]	6.4 [.25]	21
STYLE 18 (MMHP165)	DM/90	Ø125mm [Ø4.92"]	M10	6	Ø125mm [Ø4.92"]	10mm	2	Ø62.5mm [Ø2.46"]	6.4 [.25]	21
STYLE 19 (MMHP165)	90	Ø92mm [Ø3.62"]	M10	6	Ø125mm [Ø4.92"]	9mm	2	Ø62.5mm [Ø2.46"]	6.4 [.25]	22
STYLE 21 (EOAMC30)	DM	Ø127mm [Ø5.00"]	3/8-16	6	Ø108mm [Ø4.25"]	.25"(in)	2	N/A	N/A	22
STYLE 22 (FA900-SSM)	DM	Ø125mm [Ø4.92"]	M10	6	Ø125mm [Ø4.92"]	10mm	2	Ø79.5mm [Ø3.13"]	4.8 [.19]	22
STYLE 23 (MD350)	DM/90	Ø187.3mm [Ø7.38"]	3/8-16	4	Ø187.3mm [Ø7.38"]	3/8	2	N/A	N/A	22
STYLE 24 (SA000)	DM	Ø69.5mm [Ø2.74"]	M10	4	N/A	N/A	N/A	N/A	N/A	22



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Adaptor Mounts

ROBOT ADAPTOR MOUNTS

Robot Automation Adaptors

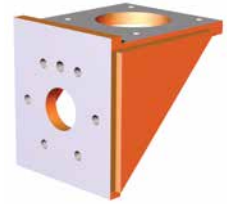
Style 01 **ACMX58** (Ø90mm Bolt Circle/Ø80mm Dowel Circle)

Robot Models
Supported
ACMA X58



Direct Mount Adaptor
CPI-**ACMX58-DM-RD25-(X)**

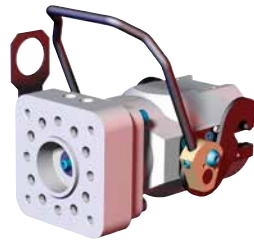
Direct Mount Porting		
(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)



90° Adaptor
CPI-**ACMX58-90-RD25-A36**

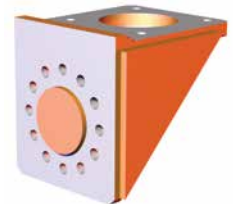
Style 02 **FA500** (Ø90mm Bolt Circle)

Robot Models
Supported
FANUC
M-400, M-500
S-420*
(*With FANUC Flange)



Direct Mount Adaptor
CPI-**FA500-DM-RD25-(X)**

Direct Mount Porting		
(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)



90° Adaptor
CPI-**FA500-90-RD25-A36**

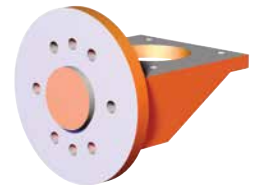
Style 03 **KW150** (Ø92mm Bolt Circle)

Robot Models
Supported
KAWASAKI
UX100, UX120
UX150



Direct Mount Adaptor
CPI-**KW150-DM-RD25-(X)**

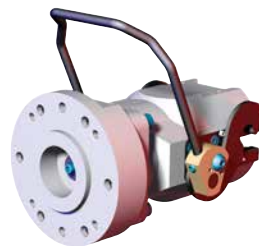
Direct Mount Porting		
(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)



90° Adaptor
CPI-**KW150-90-RD25-A36**

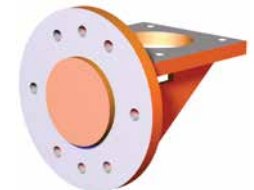
Style 04 **FA900** (Ø125mm Bolt Circle)

Robot Models
Supported
ABB IRB
60(00), 64(00)
FANUC
R-2000I(6-BOLT)
M-410, S-900
MOTOMAN
SP100X



Direct Mount Adaptor
CPI-**FA900-DM-RD25-(X)**

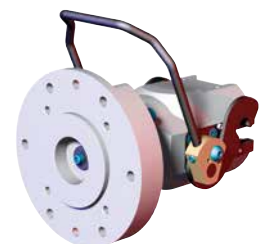
Direct Mount Porting		
(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)



90° Adaptor
CPI-**FA900-90-RD25-A36**

Style 05 **KA760** (Ø160mm Bolt Circle)

Robot Models
Supported
KUKA
IW 125, PL 150,
IW 150, PL 125
KR 125, ZH 125,
IR 760, ZH 150



Direct Mount Adaptor
CPI-**KA760-DM-RD25-(X)**

Direct Mount Porting		
(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)



90° Adaptor
CPI-**KA760-90-RD25-A36**

ROBOT ADAPTOR MOUNTS

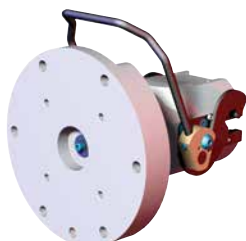
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Adaptor Mounts



Robot Automation Adaptors

Style 06 **MMNY300** (Ø200mm Bolt Circle)

Robot Models
Supported
MOTOMAN
SP100X
KUKA
KR 350



Direct Mount Adaptor
CPI-**MMNY300-DM-RD25-(X)**

Direct Mount Porting		
(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)

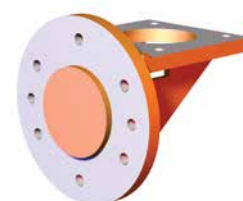
Style 07 **FA430I** (Ø125mm Bolt Circle)

Robot Models
Supported
FANUC S430I



Direct Mount Adaptor
CPI-**FA430I-DM-RD25-(X)**

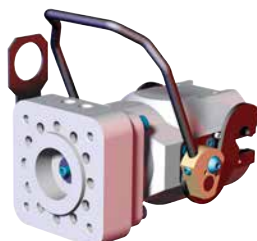
Direct Mount Porting		
(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)



90° Adaptor
CPI-**FA430I-90-RD25-A36**

Style 08 **FA420** (Ø92mm Bolt Circle)

Robot Models
Supported
FANUC S420
(WITH SPECIAL FLANGE)



Direct Mount Adaptor
CPI-**FA420-DM-RD25-(X)-SPC**

Direct Mount Porting		
(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)

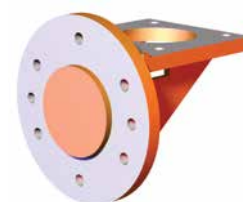
Style 09 **ABB44** (Ø100mm Bolt Circle)

Robot Models
Supported
ABB IRB
4400/S, 4400/60
4400/45,
4400/L30



Direct Mount Adaptor
CPI-**ABB44-DM-RD25-(X)**

Direct Mount Porting		
(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)



90° Adaptor
CPI-**ABB44-90-RD25-A36**

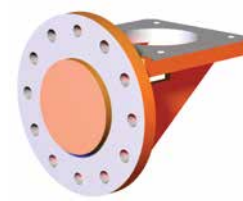
Style 10 **KWZ165** (Ø125mm Bolt Circle)

Robot Models
Supported
KAWASAKI Z165



Direct Mount Adaptor
CPI-**KWZ165-DM-RD25-(X)**

Direct Mount Porting		
(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)



90° Adaptor
CPI-**FKWZ165-90-RD25-A36**



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ROBOT ADAPTOR MOUNTS

Robot Automation Adaptors

Style 11 - **KWUT120-90**
(Ø120mm Bolt Circle)



90° Adaptor
CPI-KWUT120-90-RD25-A36

Robot Models
Supported
KAWASAKI UT120

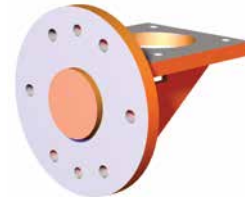
Style 12 - **FA710-DM**
(Ø100mm Bolt Circle)



Direct Mount Adaptor
CPI-FA710-DM-RD25-A6

Robot Models
Supported
FANUC M710

Style 14 - **MMK100-90**
(Ø125mm Bolt Circle)

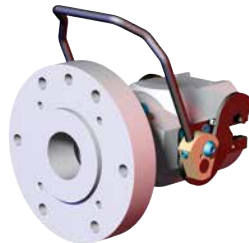


90° Adaptor
CPI-MMK100-90-RD25-A36

Robot Models
Supported
**COMAU CMH3.2
MOTOMAN K100, UP130**

Style 15 - **KA660** (Ø160mm Bolt Circle)

Robot Models
Supported
KUKA 660



Direct Mount Adaptor
CPI-KA660-DM-RD25-00



90° Adaptor
CPI-KA660-90-RD25-A36

Style 16 - **FA2000** (Ø125mm Bolt Circle)

Robot Models
Supported
FANUC R2000i



Direct Mount Adaptor
CPI-FA2000-DM-RD25-(X)

Direct Mount Porting

(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)



90° Adaptor
CPI-FA2000-90-RD25-A36

Style 18 - **MMHP165** (Ø125mm Bolt Circle)

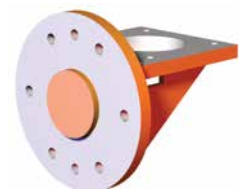
Robot Models
Supported
**MOTOMAN
ES165N
HP165**



Direct Mount Adaptor
CPI-MMHP165-125-RD25-(X)

Direct Mount Porting

(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)



90° Adaptor
CPI-MMHP165-125-90-RD25-A36

ROBOT ADAPTOR MOUNTS

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Adaptor Mounts



Robot Automation Adaptors

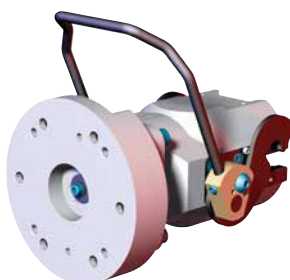
Style 19 - **MMHP165-92-90**
(Ø92mm Bolt Circle)



90° Adaptor
CPI-MMHP165-92-90-RD25-A36

Robot Models Supported
HP165, ES165N

Style 21 - **EOAMC30**
(Ø127mm Bolt Circle/
Ø108mm Dowel Circle)



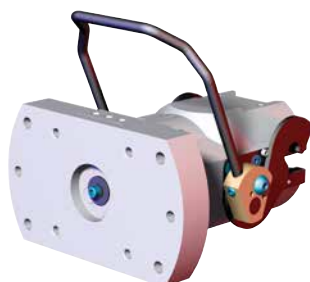
Direct Mount Adaptor
CPI-EOAMC30-DM-RD25-A6

Style 22 - **FA900-SSM**
(Ø125mm Bolt Circle)



Direct Mount Adaptor
CPI-FA900-SSM-RD25-A6

Style 23 - **MD350** (Ø187mm Bolt Circle)

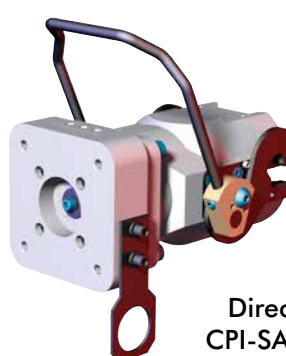


Direct Mount Adaptor
CPI-EOAMC30-DM-RD25-A6



90° Adaptor
CPI-MD350-90-RD25-A36

Style 24 - **SA000** (Ø69.5mm Bolt Circle)



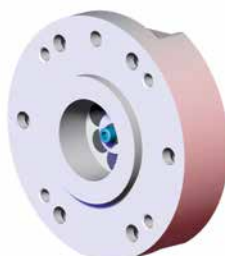
Direct Mount Adaptor
CPI-SA000-DM-RD25-A6

CM675XL (Ø76mm Bolt Circle)



Direct Mount Adaptor
CPI-**CM675XL-DM-RD25-A3**

CHM32 (Ø125mm Bolt Circle)



Direct Mount Adaptor
CPI-**CHM32-DM-RD25-(X)**

Direct Mount Porting

(X)	Porting	# of Ports
A3	3/8 NPT	3 (2/1)
A6	1/8 NPT	6 (3/3)

FA710 (Ø100mm Bolt Circle)



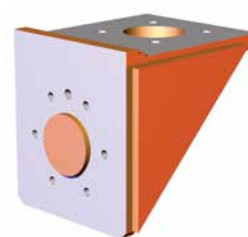
Direct Mount Adaptor
CPI-**FA710-DM-TT15-A3**

FA710IC (Ø100mm Bolt Circle)



90° Adaptor
CPI-**FA710IC-90-RD40-A3**

KWFS45N-90 (Ø100mm Bolt Circle)



90° Adaptor
CPI-**KWFS45N-90-TTN40-A3**



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Adaptor Mounts

ROBOT ADAPTOR MOUNTS

Robot Automation Adaptors

TDA-150F Adaptor Plate



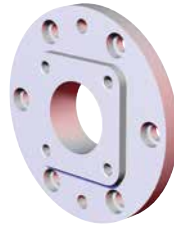
(Ø85mm Bolt Circle)
CPI-TDA-150F-312F

TDA-250F Adaptor Plate



(Ø125mm Bolt Circle)
CPI-TDA-250F-312F

FA900 Adaptor Plate



(Ø125mm Bolt Circle)
CPI-FA900-DM-238F

KW150 Adaptor Plate



(Ø92mm Bolt Circle)
CPI-KW150-25-312F



For Robot Adaptor
Mid-Mount Flanges

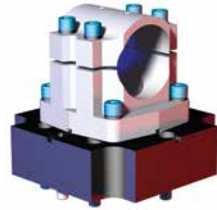
ROBOT ADAPTOR MID-MOUNT FLANGES

CL-LAN Adaptor Plate



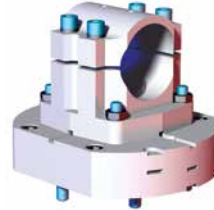
(Ø125mm Bolt Circle)
CPI-CL-LAN-EOL

ATI-151 90° Medium Duty



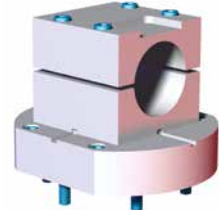
(Ø125mm Bolt Circle)
CPI-ATI-151-90-WT

ATI-90 Light Duty



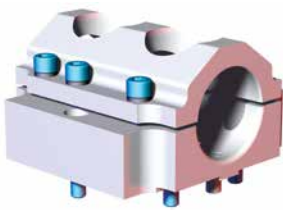
(Ø125mm Bolt Circle)
CPI-ATI-90

ATI-90-SP 90° Light Duty



(Ø125mm Bolt Circle)
CPI-ATI-90-SP

ATI-201 - Ø60mm



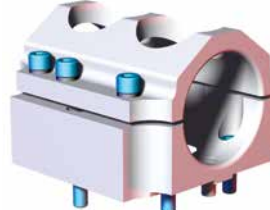
(Ø125mm Bolt Circle)
CPI-ATI-201-60

ATI-201 - 90 Ø2.50"



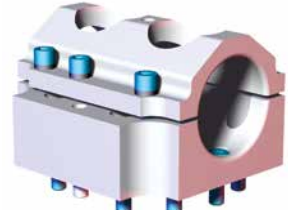
(Ø125mm Bolt Circle)
CPI-ATI-201-90-HD

ATI-201-90 Ø3.00"



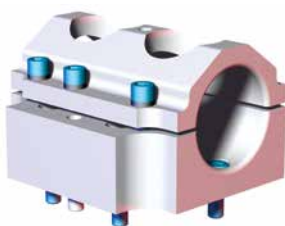
(Ø125mm Bolt Circle)
CPI-ATI-201-90-3HD

ATI 90° World Tool Ø2.50"



(Ø125mm Bolt Circle)
CPI-ATI-201-250-10S

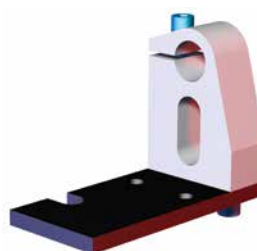
ATI-201 90°



(Ø125mm Bolt Circle)
CPI-ATI-201-(X)-90

ATI-201 90°	
(X)	Tube (Ø)
60	Ø60mm
250	Ø2.50"(in)

NAV Assembly and Block



CPI-NAV-(X)-CM

For NAV
Assembly and
Block



CPI-NAV-(X)-BL

NAV Series	
(X)	Tube (Ø)
25	Ø25mm
100	Ø1.00"(in)

MANUAL TOOL CHANGERS

CLICK OR SCAN
QR code for Manual
Tool Changers



RDN/RDC Series Manual Tool Changers

Change Tooling in a Snap

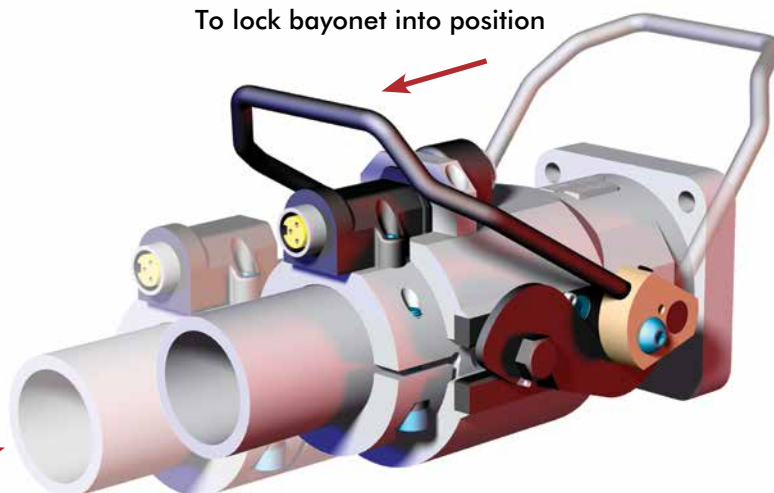
Our manual (shown) or fully automatic Quick Disconnect Tool Changers allow you to quickly switch between various tooling in seconds. Optional integral air ports provide immediate power to your system, eliminates manual re-connection of air lines, and reduces machine downtime.

Single Hand Handle Actuation

To lock into place and release bayonet.

Insert bayonet into housing

To lock bayonet into position



RDN/RDC Features

(Handle in release position)



**Base and Flange mounting
for RDN 10/40 Housing**

**RDN-40 Housing
RDC-40/15 Bayonet**
for Ø40mm/1.50"(in)
Tooling Boom/Tubes

Internal urethane bumpers

ensures a tight interface between the robot and tool sides

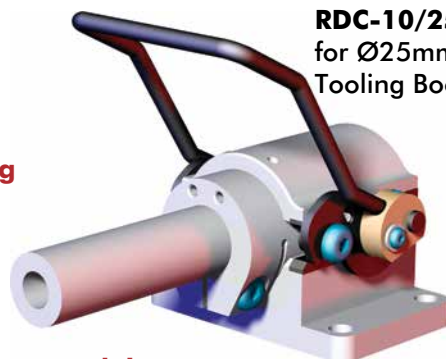
Air & electrical connections

stay properly sequenced when tool is removed.

Additional electrical connectors available

RDN-40 and RDH electrical connectors must be ordered separately from Housing/Bayonet.

(Handle in locking position)

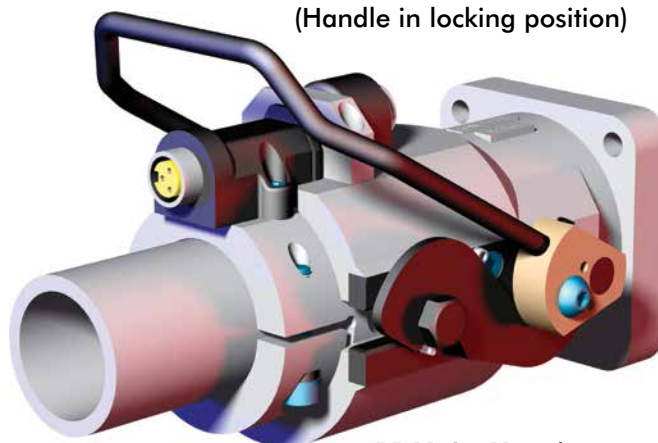


**RDN-10 Housing
RDC-10/25M Bayonet**
for Ø25mm/1.00"(in)
Tooling Boom/Tubes

Optional air port modules

auto disconnect when handle is released

(Handle in locking position)



**RDN-25 Housing
RDC-60/25 Bayonet**
for Ø60mm/2.50"(in)
Tooling Boom/Tubes



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MANUAL TOOL CHANGERS

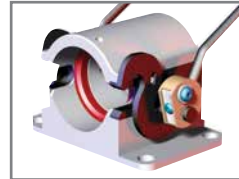
RDN/RDC Series Manual Tool Changers

Quick Disconnect Housing

Model	Mounting	Air Port Connection	Electrical Connection
CPI — RDN-10 —	1F —	4AS —	5E
 "RDN-10" Ø25mm/1.00" Qk. Disconnect Housing	 "1F" Flange Mount "1B" Base Mount	 "5A" (5-Port Connector) "A" (3-Port Connector) "4AS" (4-Port Connector) (Leave blank for No Options)	 "5E" (5-Pin Connector) (Only available for "4AS" Option)



"1F"
Flange Type



"1B"
Base Type

1A 3-Air Ports



5A 5-Air Ports



4AS 4-Air Ports with Shutoff



Air Fittings (4) needed
RDN-AS-U18

5E 5-Pin Micro Electric Connection



Replacement Part
RDN-10-8

Replacement Part
RDN-10-9

Replacement Part
CPI-RDN-10-4AS

Replacement Part
CPI-RDH-F5S-5MCM

Quick Disconnect Bayonet

Model	Boom/Tube (Ø) "D"	Air Port Connection	Electrical Connection
CPI — RDC —	10 —	4AS —	5E
 "RDC" Qk. Disconnect Bayonet	 "10" 1.00"(in) "25M" 25mm	 "1" No Options "1A" (3-Port Connector) "5A" (5-Port Connector) "4AS" (4-Port Connector-Imperial Only) "1-4AS" (4-Port Connector-Metric Only)	 "5E" (5-Pin Connector) (Only available for "4AS or 1-4AS" Options)



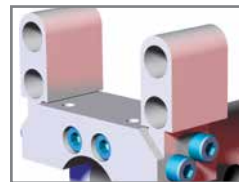
1A 3-Air Ports



5A 5-Air Ports

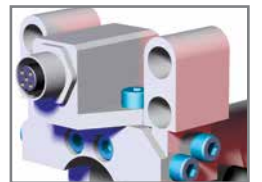


4AS 4-Air Ports with Shutoff



(2) Required

5E 5-Pin Micro Electric Connection



Replacement Part
RDC-10-3

Replacement Part
RDC-10-5

Replacement Part
RDC-10-4

Replacement Part
CPI-RDB-M5P-5MCF

MANUAL TOOL CHANGERS

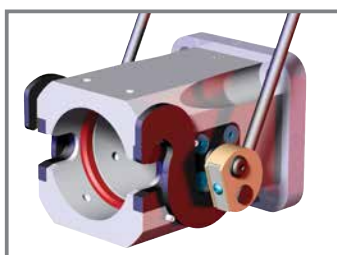
CLICK OR SCAN
QR code for Manual
Tool Changers



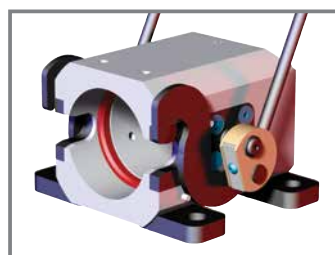
RDN/RDC Series Manual Tool Changers

Quick Disconnect Housing

	Model	Mounting	Air Port Connection	Key Position	Electrical Connection	Add for "E4" or "E6" Air Port Connection Only
CPI	RDN-40	1F	S4	K2	MC	HF
	"RDN-40" Ø40mm/1.50" Qk. Disconnect Housing	"1F" Flange Mount "1B" Base Mount	"S4" (4-Port Internal) "E4" (4-Port External) "E6" (6-Port External) "SE4" (4-Port Int & Ext) (Leave blank for No Options)	"K1 (1-4)" "VWK (1-16)" (Leave blank for No Options)	"MC" (Micro 5-Pin) "MN" (Mini 3-Pin) (Leave blank for No Options)	

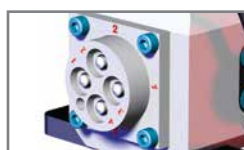


"1F"
Flange Type



"1B"
Base Type

S4 4-Port Internal Air Connection for Base Style Mounting



Replacement Part
RDN-40-10-IAB

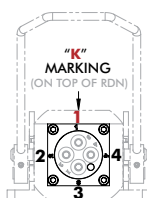
Dowels (1) Needed
M6 x 25mm
Air Fittings (4) needed
RDN-AS-U18



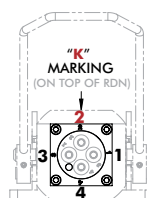
Replacement Part
RDN-40-10-IBK

Dowels (1) Needed
M6 x 25mm
Base Mount Ring (1) Needed
RDN-40-3-MR

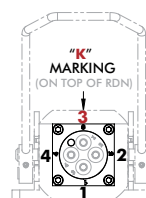
S4 and Kx Internal Key Position for Base Mount



"K1" POSITION



"K2" POSITION



"K3" POSITION



"K4" POSITION

Kx Locating Key for Base Style Mounting



Replacement Part
RDN-40-10-IAB

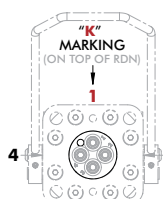
Dowels (1) Needed
M6 x 25mm
Air Fittings (4) needed
RDN-AS-U18



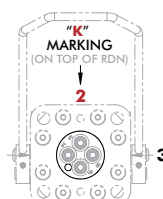
Replacement Part
RDN-40-10-IBK

Dowels (1) Needed
M6 x 25mm

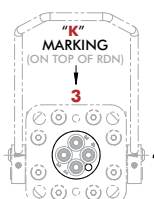
S4 and Kx Internal Key Position for Flange Mount



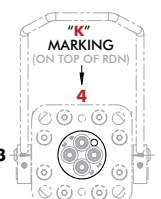
"K1" POSITION



"K2" POSITION



"K3" POSITION



"K4" POSITION

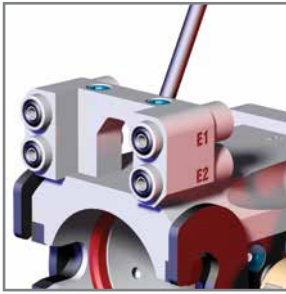


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MANUAL TOOL CHANGERS

RDN/RDC Series Manual Tool Changers

E4 4-Port External Air Connection



Order Option	Replacement Part	Air Fittings
"E4" (Standard High Flow)	CPI-RDN-40-4AS-HF	RDN-AS-U14-High Flow
(Replacement for "E4" Legacy Applications only)	CPI-RDN-40-4AS	RDN-AS-U18-Standard

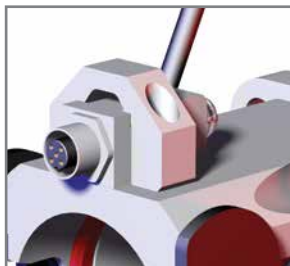
E6 6-Port External Air Connection



Order Option	Replacement Part	Air Fittings
"E6" (Standard High Flow)	CPI-RDN-40-10-6P-HF	RDN-AS-U14-High Flow
(Replacement for "E6" Legacy Applications only)	RDN-40-10-6AS	RDN-AS-U18-Standard

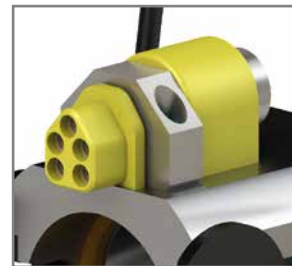
Electrical Connections - Housing Side

MC 5-Pin Micro



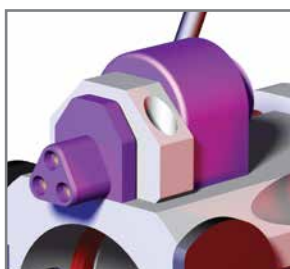
Replacement Part	
Plug & Strap	CPI-RDH-F5S-5MCM
Plug	RDH-F5S-5MCM
Strap	540-22005

MMN 5-Pin Mini



Replacement Part	
3 to 5 Pin	CPI-RDN-40-F5S-3MNM
4 to 5 Pin	CPI-RDN-40-F5S-4MNM
5 to 5 Pin	CPI-RDN-40-F5S-5MNM

MN 3-Pin Mini



Replacement Part
CPI-TTH-F3S-3B3

10-Pin Amphenol



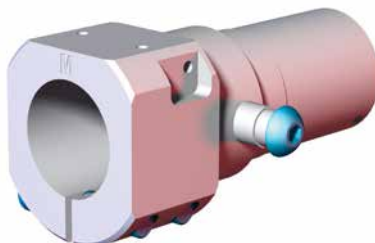
Replacement Part
CPI-RDN-40-5-10

MANUAL TOOL CHANGERS

RDN/RDC Series Manual Tool Changers

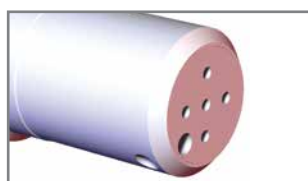
Quick Disconnect Bayonet

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QR code for Manual
Tool Changers

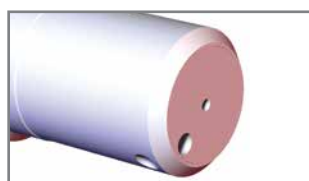


Model		Boom/Tube (Ø) "D"	Air Port Connection	Key Posi- tion	Electrical Connection	Add for "E4" or "E6" Air Port Connection Only
CPI	RDC	40	S4	K1	MC	HF
	"RDC" Quick Disconnect Bayonet	"1510" 1.00" (in) "15" 1.50" (in) "40" 40mm Add "-1" after Boom/Tube (Ø) for No Options	"S4" (4-Port Internal) "E4" (4-Port External) "E6" (6-Port External) "SE4" (4-Port Int & Ext) (Leave blank for No Options)	"K (1-4)" "VWK (1-16)" (Leave blank for No Options)	"MC" (Micro 5-Pin) "MN" (Mini 3-Pin) (Leave blank for No Options)	

S4 4-Port Internal Air Connection and Kx Locating Key

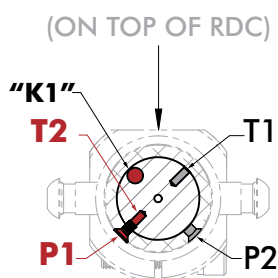


Replacement Part
RDN-40-10-IAB

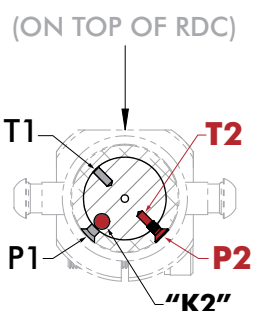


Replacement Part
RDN-40-10-IKB

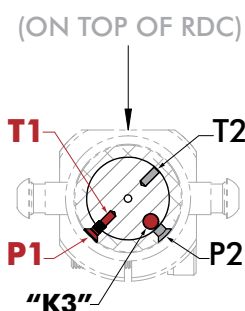
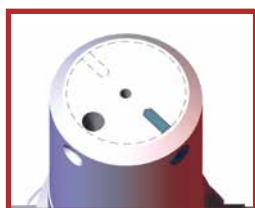
S4 and Kx Internal Key Position



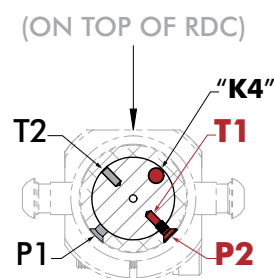
"K1" POSITION
FASTENER IN
(P1/T2)



"K2" POSITION
FASTENER IN
(P2/T2)



"K3" POSITION
FASTENER IN
(P1/T1)



"K4" POSITION
FASTENER IN
(P2/T1)



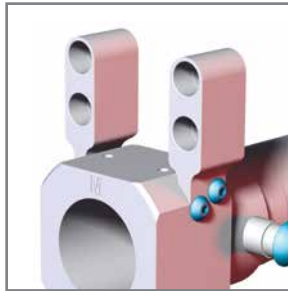


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Tool Changers

MANUAL TOOL CHANGERS

RDN/RDC Series Manual Tool Changers

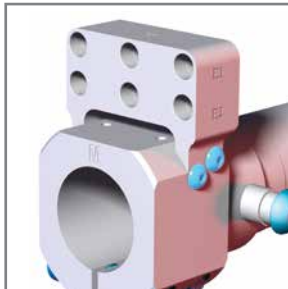
E4 4-Port External Air Connection



Order Option	Replacement Part
"E4" (Standard High Flow)	CPI-RDC-40-4-HF
(Replacement for "E4" Legacy Applications only)	CPI-RDC-40-4

(2) Required

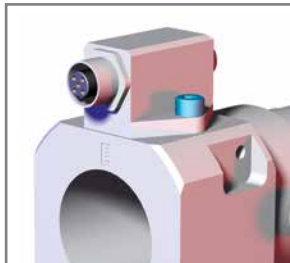
E6 6-Port External Air Connection



ORDER OPTION	REPLACEMENT PART
"E6" (Standard High Flow)	RDC-40-E6-HF
(Replacement for "E6" Legacy Applications only)	RDC-40-4-6PA

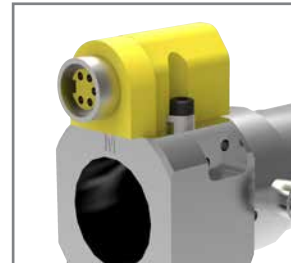
Electrical Connections - Tool Side

MC 5-Pin Micro



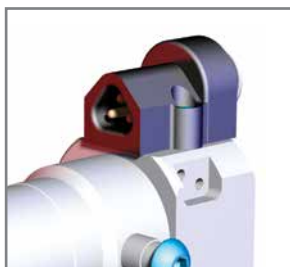
Replacement Part
CPI-RDB-M5P-5MCF

MNF 5-Pin Mini



Replacement Part	
3 to 5 Pin	CPI-RDC-40-M5P-3MNF
4 to 5 Pin	CPI-RDC-40-M5P-4MNF
5 to 5 Pin	CPI-RDC-40-M5P-5MNF

MN 3-Pin Mini



Replacement Part
CPI-TTB-M3P-3B3

10-Pin Amphenol



Replacement Part
CPI-RDC-40-5-10

MANUAL TOOL CHANGERS

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Tool Changers



RDN/RDC Series Manual Tool Changers

Quick Disconnect Housing

Model	Air Port Connection	Electrical Mounting
CPI — RDN-25-6 —	A3 (3 Port) or A6 (6-Port) "O(x)" = (Qty) of Open Ports / "S(x)" = (Qty) of Shutoff Ports	EL10
	A3-O1-S2	
 "RDN-25-6" Ø60mm/2.50" Quick Disconnect Housing	"A3-O0-S3" (0)Open-(3)Shutoff "A3-O1-S2" (1)Open-(2)Shutoff "A3-O2-S1" (2)Open-(1)Shutoff "A3-O3-S0" (3)Open-(0)Shutoff	"A6-O0-S6" (0)Open-(6)Shutoff "A6-O1-S5" (1)Open-(5)Shutoff "A6-O2-S4" (2)Open-(4)Shutoff "A6-O3-S3" (3)Open-(3)Shutoff "A6-O4-S2" (4)Open-(2)Shutoff "A6-O5-S1" (5)Open-(1)Shutoff "A6-O6-S0" (6)Open-(0)Shutoff
		 Mounting for Large Connectors (Leave blank for Standard Mounting)



Air and Electric Connections

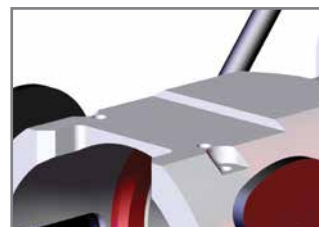
A3 3-Air Ports with
Shutoff Option



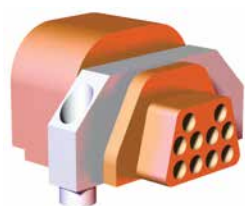
A6 6-Air Ports with
Shutoff Option



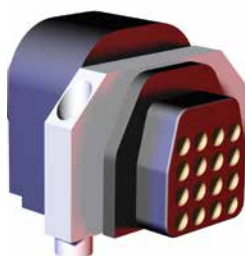
EL10 Mounting for
Large Electric Connection



Electrical Connections - Housing Side



Model Number	A-Side	B-Side
CPI-RDH-F10S-A10	10-Pin	10-Pin, Male Plug,
CPI-RDH-F10S-B10	10-Pin	Female Socket



Model Number	A-Side	B-Side
CPI-RDH-F16S-A19	19-Pin	16-Pin, Male Plug,
CPI-RDH-F16S-A14	14-Pin	Female Socket



Model Number	A-Side	B-Side
CPI-RDH-F19S-A19	19-Pin	19-Pin, Male Plug,
CPI-RDH-F19S-B19	19-Pin	Female Socket

Replacement Part	
3 to 5 Pin	CPI-RDH-F5S-3B5
4 to 5 Pin	CPI-RDH-F5S-4B5
5 to 5 Pin	CPI-RDH-F5S-5B5



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Tool Changers

MANUAL TOOL CHANGERS

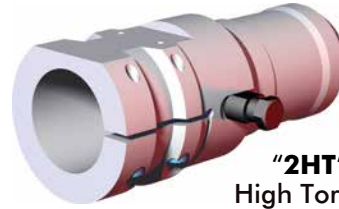
RDN/RDC Series Manual Tool Changers

Quick Disconnect Housing

	Model	Boom/Tube (Ø) "D"	Version	Air Port Connection	Electrical Mounting
CPI	RDC	25	2	A3	EL10
	"RDC" Quick Disconnect Bayonet	"25" 2.50" (in) "60" 60mm	"2" "2HT" High Torque	"A3" 3-Port "A6" 6-Port	Mounting for Large Connectors (Leave blank for Standard Mounting)



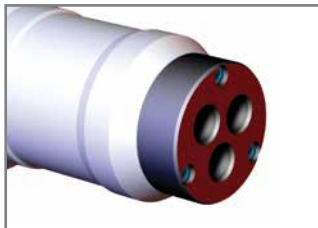
"2"
Version 2



"2HT"
High Torque

Air and Electric Connections

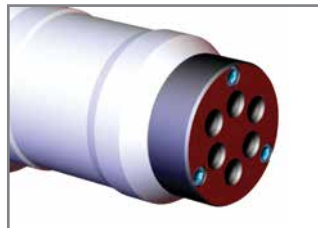
A3 3-Air Ports with Shutoff Option



REPLACEMENT PART

CPI-BC-250-3-U38 (3/8 NPT ports)
CPI-BC-60-3-G38 (G3/8 ports)

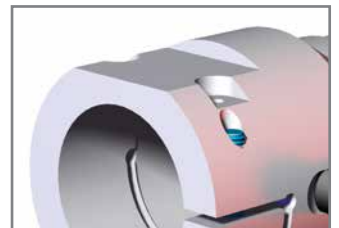
A6 6-Air Ports with Shutoff Option



REPLACEMENT PART

CPI-BC-250-6-U18 (1/8 NPT ports)
CPI-BC-60-6-G18 (G1/8 ports)

EL10 Mounting for Large Electric Connection



Electrical Connections - Tool Side



Model Number	A-Side	B-Side
CPI-RDB-M10P-A10	10-Pin	10-Pin, Male Pin,
CPI-RDB-M10P-B10	10-Pin	Female Plug



Model Number	A-Side	B-Side
CPI-RDB-M16P-A19	19-Pin	16-Pin, Male Pin,
CPI-RDB-M16P-A14	14-Pin	Female Plug

Model Number	A-Side	B-Side
CPI-RDB-M19P-A19	19-Pin	19-Pin, Male Pin,
CPI-RDB-M19P-B19	19-Pin	Female Plug



Replacement Part

3 to 5 Pin	CPI-RDB-M5P-3B3
4 to 5 Pin	CPI-RDB-M5P-4B4
5 to 5 Pin	CPI-RDB-M5P-5B5

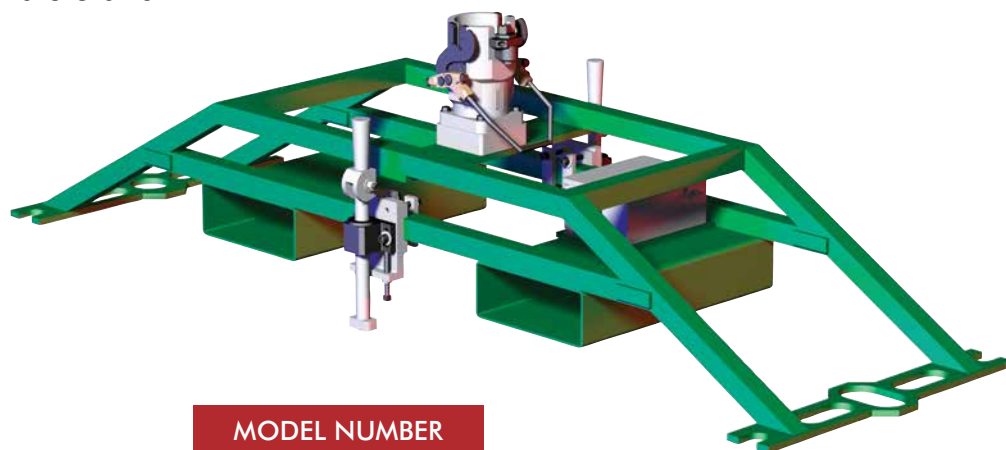
MANUAL TOOL CHANGERS

CLICK OR SCAN
QR code for Idle
Stations and Carts



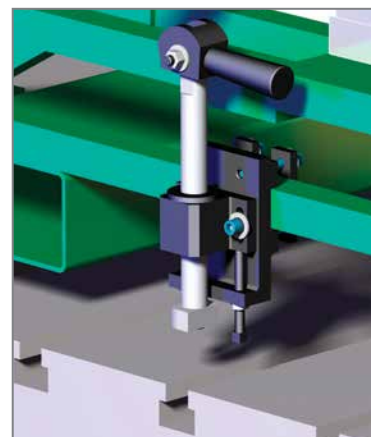
RDN/RDC Series Manual Tool Changer Accessories

Idle Station



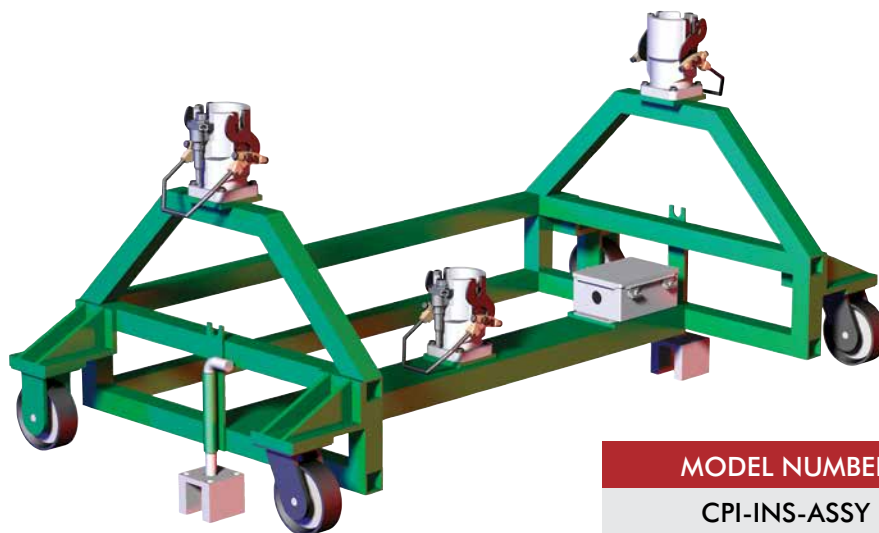
MODEL NUMBER
CPI-PNS-ASSY

Bolster Locking Clamp



MODEL NUMBER
CPI-BLC-100-15-6

Idle Station Cart



MODEL NUMBER
CPI-INS-ASSY



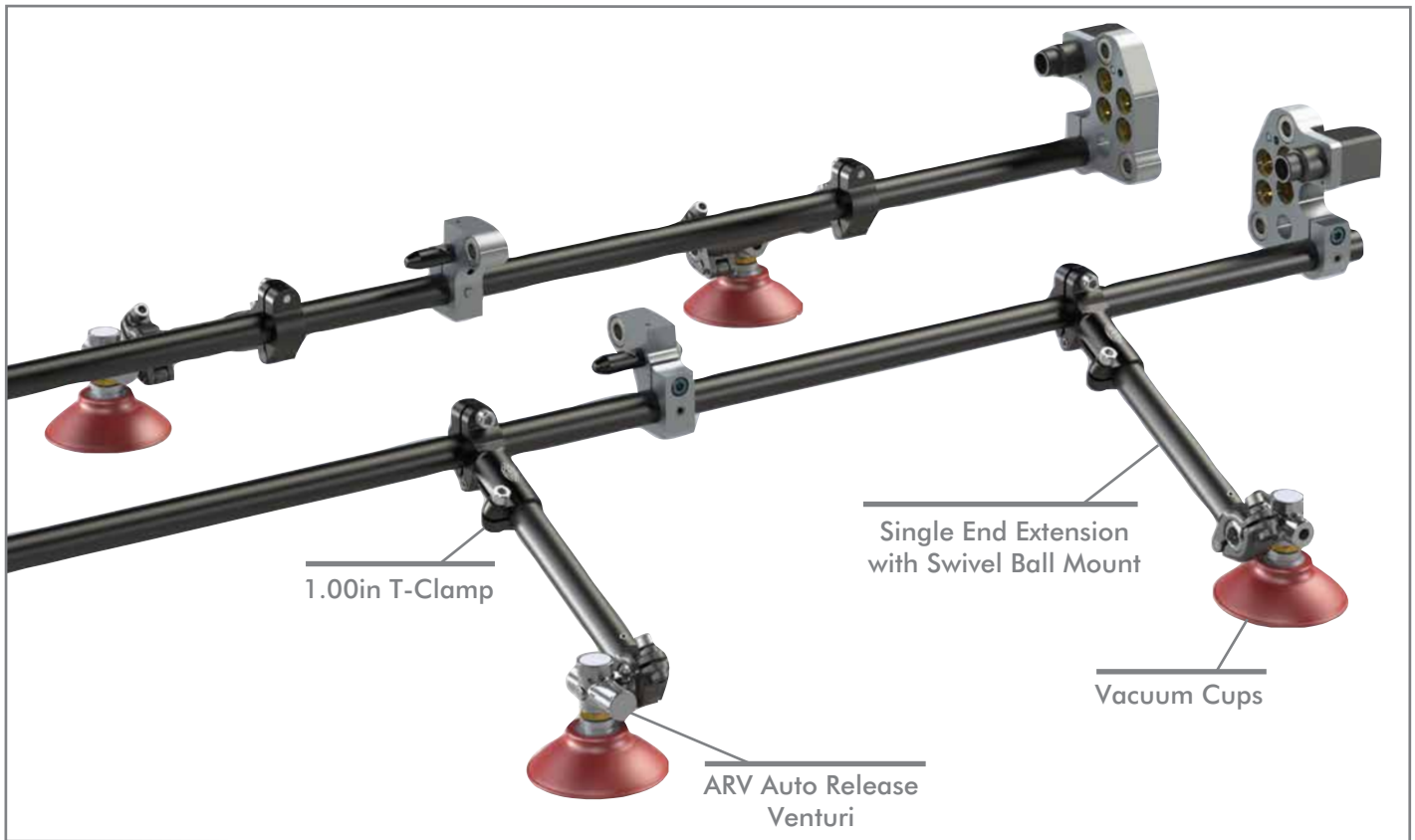
CLICK OR SCAN
QR code for Split
Saddle Tooling

ACCELERATE
COLLECTION

ACCELERATE® TOOLING COLLECTION

Split Saddle and Crossbar Tooling

SGM - Split Saddle Tooling 25mm/1 inch Crossbar Tooling

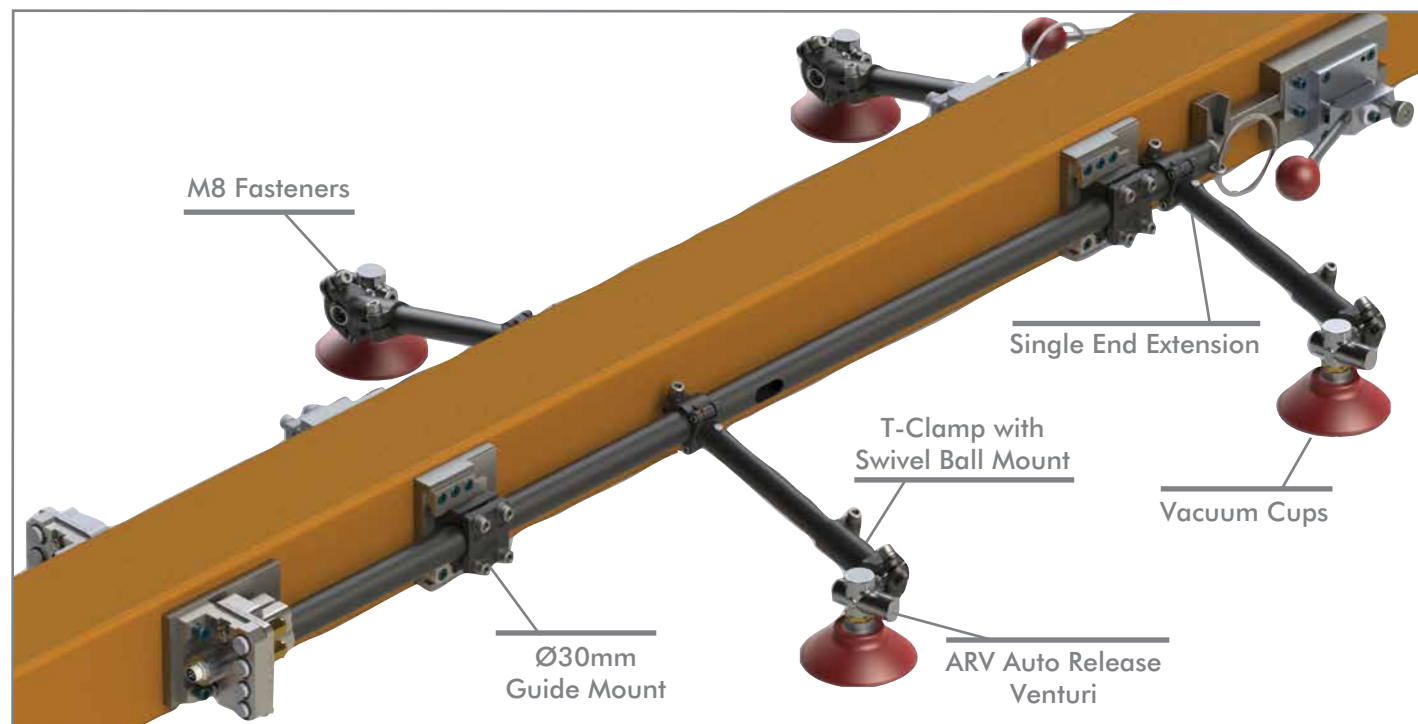


Model Number	Description	Tube Diameter	Tube Length
CPI-SGM-10-1260M-L	Left Assembly No Key	1.00 in	1260mm
CPI-SGM-10-1260M-LF	Left Front Assembly with Key		
CPI-SGM-10-1260M-LR	Left Rear Assembly with Key		
CPI-SGM-10-1260M-R	Right Assembly No Key		
CPI-SGM-10-1260M-RF	Right Front Assembly with Key	25mm	1450mm
CPI-SGM-10-1260M-RR	Right Rear Assembly with Key		
CPI-SGM-25M-1450M-L	Left Assembly No Key		
CPI-SGM-25M-1450M-LF	Left Front Assembly with Key		
CPI-SGM-25M-1450M-LR	Left Rear Assembly with Key		
CPI-SGM-25M-1450M-R	Right Assembly No Key		
CPI-SGM-25M-1450M-RF	Right Front Assembly with Key	25mm	1800mm
CPI-SGM-25M-1450M-RR	Right Rear Assembly with Key		
CPI-SGM-25M-1800M-L	Left Assembly No Key		
CPI-SGM-25M-1800M-LF	Left Front Assembly with Key		
CPI-SGM-25M-1800M-LR	Left Rear Assembly with Key		
CPI-SGM-25M-1800M-R	Right Assembly No Key		
CPI-SGM-25M-1800M-RF	Right Front Assembly with Key		
CPI-SGM-25M-1800M-RR	Right Rear Assembly with Key		



Split Saddle and Crossbar Tooling

SGM - Split Saddle Tooling 30mm Interpress Crossbar Tooling



Model Number	Description
CPI-SGM-ASSY-FLC	Interpress Tool, Front Left Side, No Electric
CPI-SGM-ASSY-FRC	Interpress Tool, Front Right Side, No Electric
CPI-SGM-ASSY-RLC	Interpress Tool, Rear Left Side, No Electric
CPI-SGM-ASSY-RRC	Interpress Tool, Rear Right Side, No Electric
CPI-SGM-ASSY-FLC-EL	Interpress Tool, Front Left Side, w/Electric Connector Installed
CPI-SGM-ASSY-FRC-EL	Interpress Tool, Front Right Side, w/Electric Connector Installed
CPI-SGM-ASSY-RLC-EL	Interpress Tool, Rear Left Side, w/Electric Connector Installed
CPI-SGM-ASSY-RRC-EL	Interpress Tool, Rear Right Side, w/Electric Connector Installed

SGM Blankload Crossbar Tooling



Model Number	Description
CPI-SGM-ASSY-BT-FL	Blankload Tool, Front Left Side, No Electric
CPI-SGM-ASSY-BT-FR	Blankload Tool, Front Right Side, No Electric
CPI-SGM-ASSY-BT-RL	Blankload Tool, Rear Left Side, No Electric
CPI-SGM-ASSY-BT-RR	Blankload Tool, Rear Right Side, No Electric
CPI-SGM-ASSY-BT-FL-EL	Blankload Tool, Front Left Side, w/Electric Connector Installed
CPI-SGM-ASSY-BT-FR-EL	Blankload Tool, Front Right Side, w/Electric Connector Installed
CPI-SGM-ASSY-BT-RL-EL	Blankload Tool, Rear Left Side, w/Electric Connector Installed
CPI-SGM-ASSY-BT-RR-EL	Blankload Tool, Rear Right Side, w/Electric Connector Installed



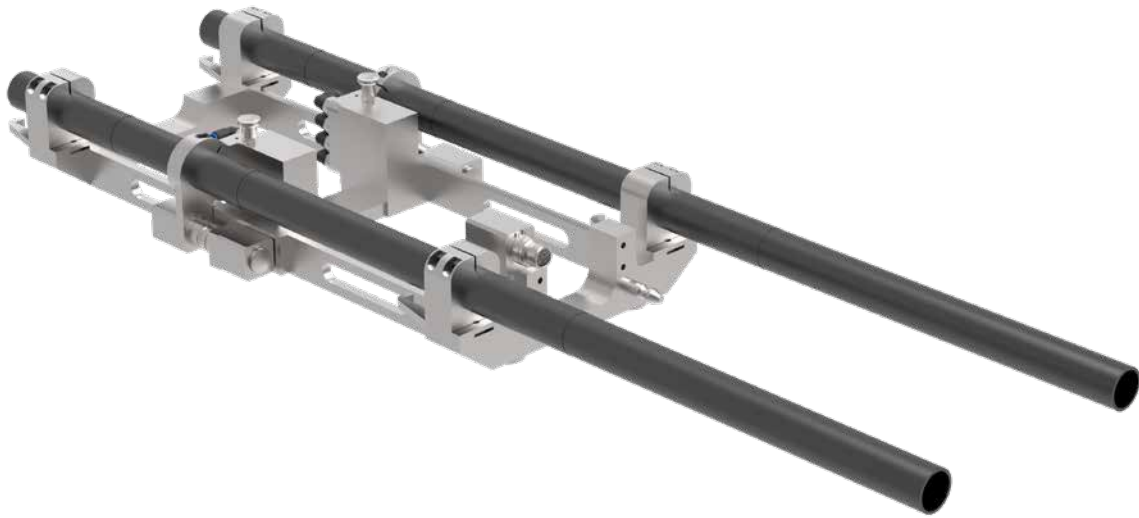
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Saddle Tooling

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Split Saddle Tooling | Booms | Crossbar Saddles

SGM Cross Bar Saddle Tooling 40mm (PXL/PL and PGB/PGA Press Tooling)



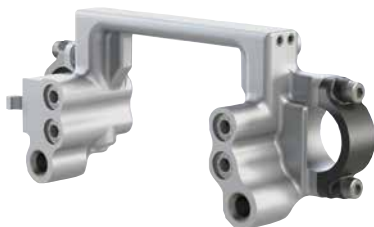
Model Number	Description
CPI-SGM-40-1200-RF-EL	Crossbar ASSY, SGM, 40mm Tube x 1200mm Length, Right Front, with Electric
CPI-SGM-40-1200-RR-EL	Crossbar ASSY, SGM, 40mm Tube x 1200mm Length, Right Rear, with Electric
CPI-SGM-40-1200-LF-EL	Crossbar ASSY, SGM, 40mm Tube x 1200mm Length, Left Front, with Electric
CPI-SGM-40-1200-LR-EL	Crossbar ASSY, SGM, 40mm Tube x 1200mm Length, Left Rear, with Electric

LWT Lightweight Boom/Tube (3mm Wall)

Model Number	Ø
LWT-40-1000	40mm
LWT-15E-1000	1.50 in
LWT-30-1000	30mm
LWT-10E-1000	1.00 in
LWT-25-1000	25mm
LWT-20-1000	20mm

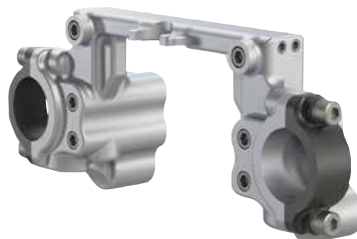


GRS-SD-40 Crossbar Saddles



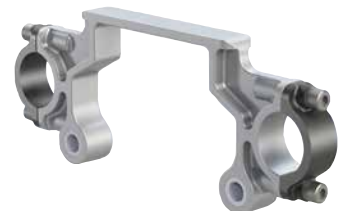
w/Air (Left Hand)

Model Number
GRS-SD-40-LHS-A



w/Air (Right Hand)

Model Number
GRS-SD-40-RHS-A



Idle

Model Number
GRS-SD-40-NA-A

Clamps and Brackets

TCLD T-Clamp



Model Number	ØD1	ØD2
TCLD-10E-10E-A	1.00 in	1.00 in
TCLD-10E-25M-A	1.00 in	25mm
TCLD-25M-25M-A	25mm	25mm
TCLD-12E-10E-A	1.25 in	1.00 in
TCLD-30M-25M-A	30mm	25mm

TCLD T-Clamp

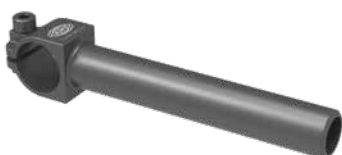


For T-Clamps
and Brackets



Model Number	ØD1	ØD2
TCLD-15E-10E-A	1.50 in	1.00 in
TCLD-40M-25M-A	40mm	25mm

TCA T-Clamp Transition Bracket



Model Number	ØD1	ØD2
TCA-25M-25M-150-A	25mm	25mm
TCA-30M-25M-150-A	30mm	25mm
TCA-20M-20M-400-A	20mm	20mm
TCA-30M-30M-400-A	30mm	30mm
TCA-20M-20M-400-S	20mm	20mm
TCA-30M-30M-400-S	30mm	30mm

TCLD Angled T-Clamp



Model Number	Angle
TCLD-40M-20M-30-L-A	30°
TCLD-40M-20M-30-R-A	30°
TCLD-40M-20M-45-L-A	45°
TCLD-40M-20M-45-R-A	45°
TCLD-40M-25M-30-L-A	30°
TCLD-40M-25M-30-R-A	30°
TCLD-40M-25M-45-L-A	45°
TCLD-40M-25M-45-R-A	45°

SEC Wrist Clamp



For Wrist
Clamp



Model Number
SEC-25M-25M-A

TCF Flange Clamp



For Flange
Clamp



Ø20 & Ø25mm

Model Number	ØD
TCF-20M-A	20mm
TCF-25M-A	25mm

TCL Ø32 Ball to Ø25



Ø32 Ball to Ø25

Model Number	ØD
TCL-32B-25M-90-A	Ø25
TCL-32B-20M-90-A	Ø20
TCL-32B-10E-90-A	1 in

TCL Ball Clamps Ø32



Ø32

Model Number
TCLD-10E-32B-A

For Ball Clamps



TCL Ø25mm/1 in to Ø32



Ø25mm/1 in to Ø32

Model Number	ØD
TCL-25M-32B-A	Ø25
TCL-20M-32B-A	Ø20
TCL-10E-32B-A	1 in



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Cross Clamps

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ACCELERATE® TOOLING COLLECTION

Cross Clamps

CL Cross Clamps



Ø20mm to Ø20mm

Model Number	Material
CL-20M-20M-A	Aluminum
CL-20M-20M-S	Steel



Ø25mm
to Ø20mm

Model Number
CL-25M-20M-A



Ø25mm/1.00 in
to Ø25mm/1.00 in

Model Number	ØD
CL-25M-25M-A	25mm
CL-10E-10E-A	1.00 in



Ø25mm to Apple Core

Model Number	ØD
CL-25M-19M-PA-A	19
CL-25M-20M-PA-A	20



Ø30mm to Ø20mm

Model Number
CL-30M-20M-A



Ø30mm to Ø25mm

Model Number
CL-30M-25M-A



Ø30mm to Ø30mm

Model Number	Material
CL-30M-30M-A	Aluminum
CL-30M-30M-S	Steel



Ø40mm to Ø20mm

Model Number
CL-40M-20M-A



Ø40mm/1.50 in
to Ø40mm/1.50 in

Model Number	ØD
CL-40M-40M-A	40mm
CL-15E-15E-A	1.50 in



Ø40mm/1.50 in
to Ø25mm/1.00 in

Model Number	ØD1	ØD2
CL-40M-25M-A	40mm	25mm
CL-15E-10E-A	1.50 in	1.00 in



Ø60mm/2.50 in to Ø40mm/1.50 in

Model Number	ØD1	ØD2
CL-60M-40M-A	60mm	40mm
CL-25E-15E-A	2.50 in	1.50 in



Ø60mm/2.50 in to Ø25mm/1.00 in

Model Number	ØD1	ØD2
CL-60M-25M-A	60mm	25mm
CL-25E-10E-A	2.50 in	1.00 in

Cross and Parallel Clamps | Extensions

CLD Cross Clamps

For Cross Clamps



Model Number	ØD1	ØD2
CLD-10E-10E-A	1.00 in	1.00 in
CLD-25M-25M-A	25 mm	25 mm
CLD-15E-10E-A	1.50 in	1.00 in
CLD-15E-15E-A	1.50 in	1.50 in
CLD-40M-25M-A	40 mm	25 mm
CLD-40M-40M-A	40 mm	40 mm

PC Parallel Clamps

For Parallel
Clamps



Model Number	ØD	Material
PC-10E-10E-A	1.00 in	Aluminum
PC-20M-20M-A	20 mm	Aluminum
PC-20M-20M-S	20 mm	Steel
PC-25M-25M-A	25.4 mm	Aluminum
PC-30M-30M-A	30 mm	Aluminum
PC-30M-30M-S	30 mm	Steel



Model Number	ØD1	ØD2
PC-15E-10E-A	1.00 in	1.50 in
PC-30M-20M-A	20 mm	30 mm
PC-30M-25M-A	25 mm	30 mm
PC-40M-25M-A	25 mm	40 mm

ES Single End Extensions



Model Number	ØD1	ØD2
ES-20M-25M-300-A	20mm	25mm
ES-19M-25M-300-A	19mm	25mm
ES-19M-10E-300-A	19mm	1.00 in

ESS Ball Extension 32mm

For Single
End and Ball
Extensions



Model Number	Clamp Ø	L1
ESS-32B-20M-300-S	20 mm	298 mm
ESS-32B-20M-600-S	20 mm	598 mm
ESS-32B-30M-300-S	30 mm	298 mm
ESS-32B-30M-600-S	30 mm	598 mm

ES Ball Extension 32mm



Model Number	Length
ES-32B-10E-300-A	300 mm
ES-32B-20M-300-A	300 mm
ES-32B-25M-300-A	300 mm
ES-32B-25M-600-A	600 mm

ES Ball Extension 28.58mm



Model Number	Clamp Ø
ES-B112-25M-300-A	[.98] 25
ES-B112-10E-300-A	[1.00] 25.4

ESS-90 Ball Extension 32mm



Model Number	Clamp Ø
ESS-32B-30M-90-300-S	30 mm

ES Ø20 to Ø20



Model Number
ES-20M-20M-A

Mounts and Extensions

GTA/LTP Tri Axis Adaptor Mounts

For Tri Axis
Adaptor Mounts



Model Number
GTA-30-150



Model Number
GTA-30-LTP



Model Number	Hole Ø
CPI-LTP-B-10	25.4 [1.00]
CPI-LTP-B-11	27.3 [1.07]

TPA Single and Double Flange Mounts

For TPA Mounts,
Clamps and
Extensions



Model Number	Clamp Ø
TPA-20-35-LWT-A	20 mm
TPA-25-35-LWT-A	25 mm
TPA-30-35-LWT-A	30 mm



Model Number	Clamp Ø
TPA-25-65-LWT-A	25 mm
TPA-30-65-LWT-A	30 mm



Model Number
TPA-25-25-65-LWT-A

TPA Base Mount

TPA 90° Base Clamp

TPA Flange Extension



Model Number	Shaft Ø
TPA-M-20M-75	20mm
TPA-M-25M-75	25mm



Model Number
TPA-G-25-35-A



Model Number	Shaft Ø
TPA-00-20-300-GD	20mm
TPA-00-25-300-GD	25mm
TPA-00-30-300-GD	30mm

Transfer Press Components

TPA 90° Slotted Flange Extension



Model Number	Shaft Ø
TPA-90-20-300-GD	20 mm
TPA-90-25-300-GD	25 mm
TPA-90-30-300-GD	30 mm

TPA 90° Slotted Flange Extension



For TPA
Extensions



Model Number	Shaft Ø
TPA-90-20-300	20 mm
TPA-90-25-300	25 mm
TPA-90-30-300	30 mm

TBS Ball Extension

For Ball Extension



Model Number
TBS-32B-25M-200-A
TBS-32B-25M-300-A

1T One Touch Finger Tool 25mm



Model Number	Material
CPI-1T-25F	Steel
CPI-1T-25F-A	Aluminum

1T One Touch Finger Tool 40mm



For One Touch
Finger Tool



Model Number	Material
CPI-1T-33M	Steel
CPI-1T-33M-A	Aluminum

TPB Transfer Press Bayonet

For Transfer
Press Bayonet



Model Number
CPI-TPB-HYU-10-1A-ST

LTP Double T-Clamp



For LPT T-Clamp,
Frame and Pin



Model Number	Clamp Ø	Shaft Ø
TCA-20M-20MD-400-A	20 mm	20 mm
TCA-25M-20MD-400-A	25 mm	20 mm
TCA-25M-25MD-400-A	25 mm	25 mm
TCA-30M-30MD-400-A	30 mm	30 mm

LTP Frame



Model Number
LTP-30M-25-30-1000-A

LTP Pin



Model Number	Shaft Ø
LTP-00-30-20-S	20 mm
LTP-00-30-25-S	25 mm
LTP-90-30-20-S	20 mm
LTP-90-30-25-S	25 mm

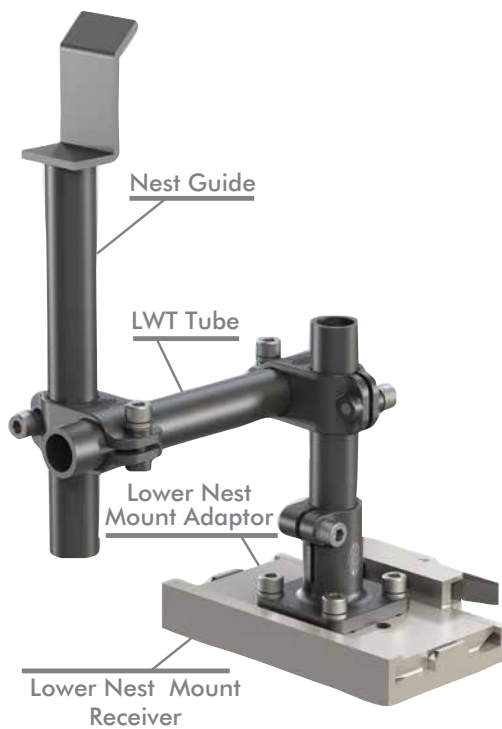


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Nest Guides



ACCELERATE® TOOLING COLLECTION

Nest Guides



CP Center Pin



Ø20/Ø25, 200mm Length

Model Number	Pin Ø
CP-20-200	20
CP-25-200	25

SGM Mount Receiver



Model Number	Material
CPI-SGM-TH-USR-AL	Aluminum
CPI-SGM-TH-USR	Steel

SGM Mount Adaptor



Model Number	Material
CPI-SGM-TH-USA-AL	Aluminum
CPI-SGM-TH-USA	Steel

GTS Shovel with Welded Post



Model Number	Shaft Ø
GTS-40-40-40-20M-A	Ø20 [0.79]
GTS-40-40-40-30M-A	Ø30 [1.18]
GTS-50-50-50-20M-A	Ø20 [0.79]
GTS-50-50-50-30M-A	Ø30 [1.18]

NPG Nest Guide



Ø20/Ø25, 200mm Length

Model Number	Shaft Ø
NPG-25-200	25
NPG-20-200	20



Ball Mounts | Side Mount Clamps and Extensions

GT-BGA 32mm Ball Gripper Mount



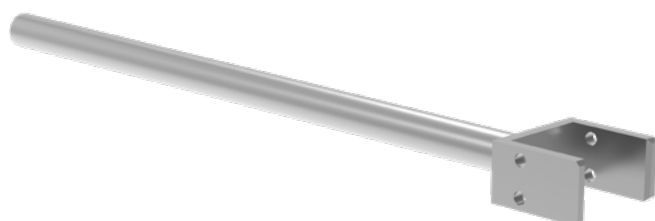
Model Number
GT-BGA-A

GT-BGA Paddle Gripper Mount



Model Number	Ball Ø
GT-BGA-B112	28.6 [1.12]
GT-BGA-32B	32 [1.26]

GT-UGA Side Mount Extension



Model Number	Shaft Ø
GT-UGA-84A2-20M-400-A	20 [0.79]
GT-UGA-84A2-25M-300-A	25 [0.98]
GT-UGA-84A2-30M-400-A	30 [1.18]
GT-UGA-84A3-20M-400-A	20 [0.79]
GT-UGA-84A3-25M-300-A	25 [0.98]
GT-UGA-84A3-30M-400-A	30 [1.18]

GT-UGA Angled Side Mount Extension



Model Number
GT-UGA-84A2-20M-300-30-A

GT-UGA Side Mount Clamp



Model Number
GT-UGA-84A2-20M-A
GT-UGA-84A2-25M-A
GT-UGA-84A2-30M-A
GT-UGA-84A3-20M-A
GT-UGA-84A3-25M-A
GT-UGA-84A3-30M-A

Sensor and Switch Mounts

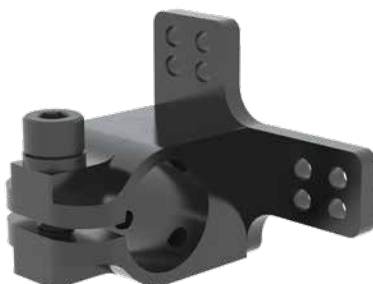
GT-OPS Jaw Sensor Mount



Model Number

GT-OPS-84A2-LH-A
GT-OPS-84A2-RH-A
GT-OPS-84A3-LH-A
GT-OPS-84A3-RH-A

SAP Sensor Clamp Mount



Model Number

SAP-OPS-25M-A

SAP Sensor Extension Mount

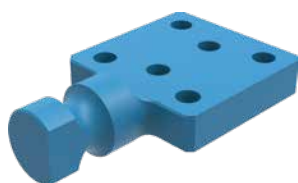
For Gripper Sensor
Mounts and Switches



Model Number

SAP-OPS-25M-300-LH-A
SAP-OPS-25M-300-RH-A

AB Proximity Switch Mounts Block Style

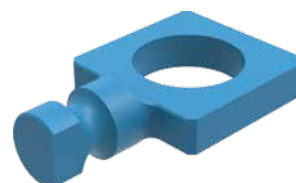
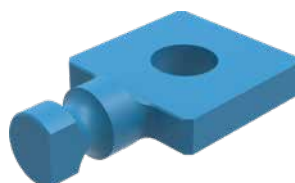


Model Number

CPI-AB-750-EF-BP

SAP Proximity Switch Mounts Barrel Style

For Proximity
Switch Mounts



Model Number

CPI-SAP-18-BP

Hole Ø

18 [0.71]

Model Number

CPI-SAP-30-BP

Hole Ø

30 [1.18]

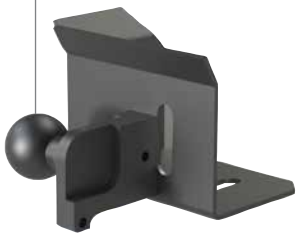
Ball Shovels

GTS-100 32mm Ball 80mm Shovel



Optional spare parts
28.58mm Ball
GTS-WB-B112-L
GTS-WB-B112-R

32mm Ball
GTS-WB-32B-L
GTS-WB-32B-R



Left Hand

Model Number

GTS-100-85-80LH-A



Right Hand

Model Number

GTS-100-85-80RH-A

GTS-100 32mm Ball 100mm Shovel



Left Hand

Model Number

GTS-100-85-100LH-A



Right Hand

Model Number

GTS-100-85-100RH-A

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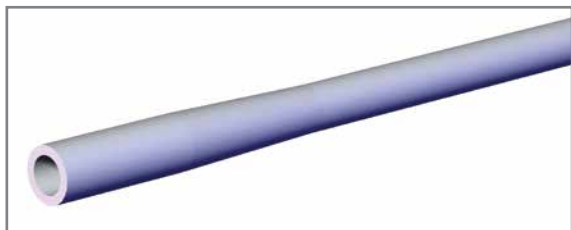
QR codes for full catalog
pages on products

ROUND TOOLING SYSTEMS

PAT and WTTB Series Booms and Tubing | CB Series Aluminum Bushing



For Booms
and Bushings



PAT Ø3.00" Tapered Aluminum Main Booms

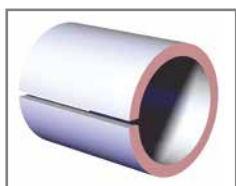
Model	"L"
CPI-PAT-30TP-0M-1600	[62.99] 1600.0
CPI-PAT-30TP-0M-30	[30.00] 762.0
CPI-PAT-30TP-0M-34	[34.00] 863.6
CPI-PAT-30TP-0M-36	[36.00] 914.4
CPI-PAT-30TP-0M-60	[60.00] 1524.0
CPI-PAT-30TP-1M-55	[55.00] 1397.0
CPI-PAT-30TP-1M-60	[60.00] 1524.0
CPI-PAT-30TP-1M-64	[64.00] 1625.6
CPI-PAT-30TP-2M-55	[55.00] 1397.0

WTTB World Tool Bayonet Boom



Part Number	ØD	Length
CPI-WTTB-RDC-A6-EL10-60-2000	60mm	2000mm
CPI-WTTB-RDC-A6-EL10-25-64	2.5 in	64 in

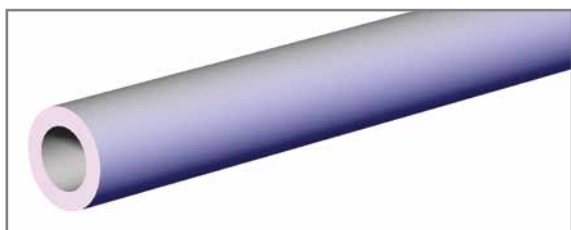
CB Aluminum Bushing



Model	(Ø)"O.D."	(Ø)"I.D."
CPI-CB-15-10	1.50"	1.00"
CPI-CB-20-15	2.00"	1.50"
CPI-CB-25-20	2.50"	2.00"



For Tubing and Rods



PAT Aluminum Tubing

Model	(Ø)"O.D."
CPI-PAT-1025-"L"	1.00"
CPI-PAT-12-"L"	1.25"
CPI-PAT-15-"L"	1.50"
CPI-PAT-40-"L" (Metric)	40mm
CPI-PAT-25-"L"	2.50"
CPI-PAT-60-"L" (Metric)	60mm
CPI-PAT-2538-"L"	2.50"

"L" = Specify Length

in 6.00" or 150mm Increments

English Example: CPI-PAT-15-06 (6.00")

Metric Example: CPI-PAT-40-150 (150mm)

ROUND TOOLING SYSTEMS

CLICK OR SCAN
QR code for
Tubing and Rods



PAT, PAB, and PST Series Tubes and Rods | CB Series Aluminum Bushing

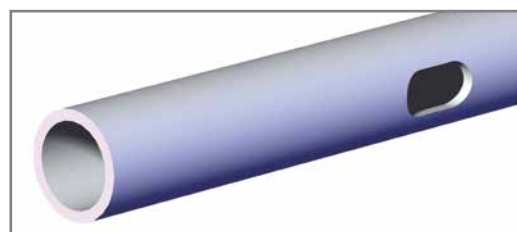
BT1 Slotted Aluminum Boom/Tubing

Model	(Ø) "O.D."
CPI-BT1-150-7S-"L"	1.50"
CPI-BT1-250-9S-"L"	2.50"
CPI-BT1-2538-9S-"L"	2.50"
CPI-BT1-60-9S-"L" (Metric)	60mm

"L" = Specify Length in 6.00" or 150mm Increments

English Example: CPI-BT1-150-7S-06 (6.00")

Metric Example: CPI-BT1-150-7S-150 (150mm)



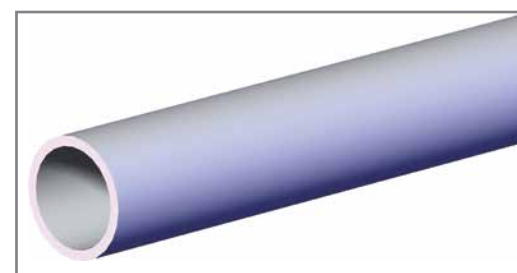
PAT Thin Wall Aluminum Tubing

Model	(Ø) "O.D."
CPI-PAT-50T-"L"	0.50"
CPI-PAT-75T-"L"	0.75"
CPI-PAT-10T-"L"	1.00"

"L" = Specify Length

Standard Lengths

04 (4.00") 08 (8.00") 12 (12.00") 36 (36.00")
06 (6.00") 10 (10.00") 24 (24.00")



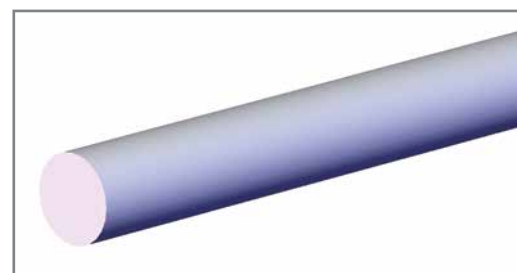
PAB Aluminum Rods

Model	(Ø) "O.D."
CPI-PAB-10-"L"	1.00"
CPI-PAB-25-"L" (Metric)	25.0mm

"L" = Specify Length in 6.00" or 150mm Increments

English Example: CPI-PAB-10-06 (6.00")

Metric Example: CPI-PAB-25-150 (150mm)



PST Steel Tubing

Model	(Ø) "O.D."
CPI-PST-10-"L"	1.00"
CPI-PST-1212-"L"	1.25"
M1512-"L"	1.00"

(L) = Specify Length

PST-10: 150, 200, 225, 250, 275, 300 [mm] (CPI-PST-10-150)

PST-1212: 6, 8, 10, 12, 14, 16, 18 [in] (CPI-PST-1212-6)

M1512: 125, 160, 300, 350, 350, 600, 900 [mm] (M1512-150)



Tolerance Specifications

(Ø) "D" vs. Actual (Ø) Bore Sizes (Micro)				(Ø) "D" vs. Actual (Ø) Bore Sizes (Typical)					
(Ø) "D"	Tolerance	(Ø) "D"	Tolerance	(Ø) "D"	Tolerance	(Ø) "D"	Tolerance	(Ø) "D"	Tolerance
.50"	±.002	12mm	±.13	1.00"	±.002	25mm	±.13	1.25"	±.002
.75"	±.002	20mm	±.13	1.50"	±.006	40mm	±.15	3.00"	±.006
1.00"	±.002	25mm	±.13	2.50"	±.006	60mm	±.15	30mm	±.13

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ROUND TOOLING SYSTEMS

THM Series Mushroom Tool Holder | WRW Wrist Rotate Assembly



For Single Mushroom
Tool Holder

Single Mushroom Tool Holder



Model Number	ØD
CPI-THM-250-POST	2.5 in
CPI-THM-60-POST	60mm



Model Number	
CPI-THM-250	
CPI-THM-250-WTTB	

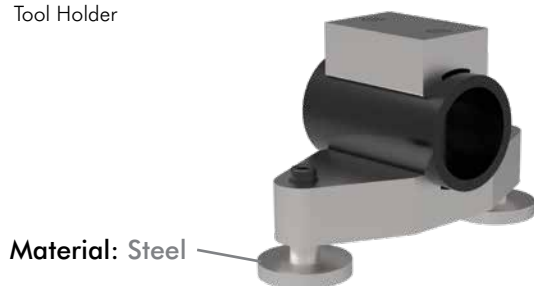


Model Number
CPI-THM-250-SVP

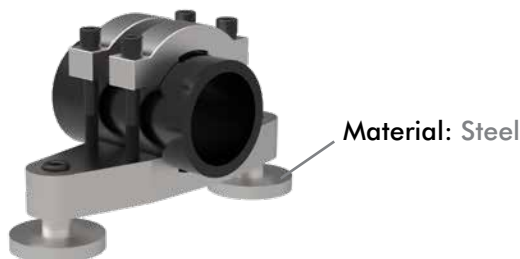


For Double Mushroom
Tool Holder

Double Mushroom Tool Holder



Model Number
CPI-THM-250-DBL

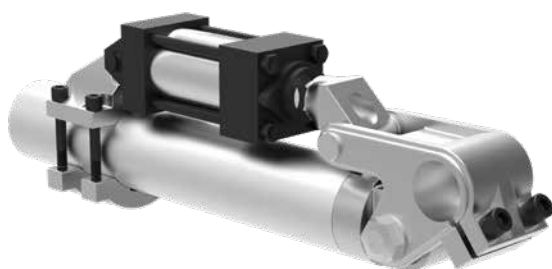


Model Number
CPI-THM-250-DBL-WTTB



For Wrist Rotate
Assembly

Wrist Rotate Assembly



CPI - **WRWM** - **60**

Base Model
WRWM
Wrist Rotate
Assembly
(Metric Version)

Rotation
45 0° - 45°
90 0° - 90°

Cylinder Bore
00 No Cylinder Provided
50 50 mm
60 60 mm

CPI - **WRW** - **25**

Base Model
WRW
Wrist Rotate
Assembly

Rotation
45 0° - 45°
90 0° - 90°

Cylinder Bore
00 No Cylinder Provided
20 2.00"
25 2.50"

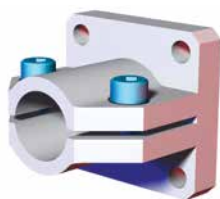
ROUND TOOLING SYSTEMS

CLICK OR SCAN
QR code for End
Flange Mounts



KL, CL and RJM Series End Flange Mounts

KL/CL End Flange Mount



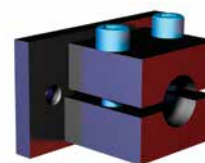
for 20mm/0.75" Tube (Micro)

Model Number	Tube (Ø)
CPI-CLM-20M-15F	20mm
CPI-CLM-75-15F-ATI	.75"



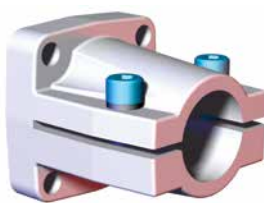
for Ø25mm/1.00" Tube (Micro)

Model Number	Tube (Ø)
CPI-CLM-25M-15F	25mm
CPI-CLM-10-15F	1.00"



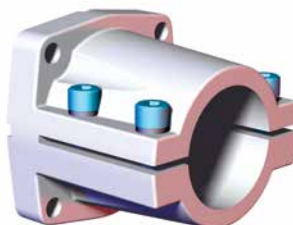
for Ø1.00" Tube

Model Number
M1511



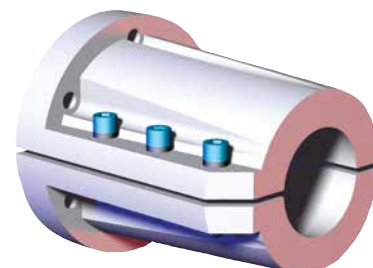
for Ø40mm/1.50" Tube

Model Number	Tube (Ø)
CPI-KL-40-60F	40mm
CPI-CL-15-238F	1.50"



for Ø60mm/2.50" Tube

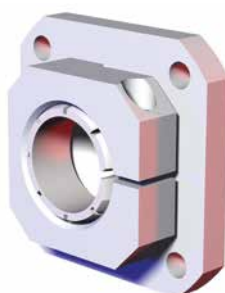
Model Number	Tube (Ø)
CPI-KL-60-78F	60mm
CPI-CL-25-312F	2.50"



with Ø125mm Bolt Pattern

Model Number	Tube (Ø)
CPI-CL-60-125F	60mm
CPI-CL-250-125F	2.50"
CPI-CL-300-125F	3.00"

RJM Ø40mm Spherical Flange End Mount



Model Number	Tube (Ø)
CPI-RJM-78F-40S	40mm

CLICK OR SCAN

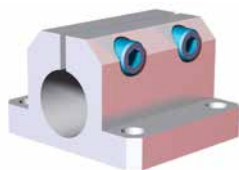
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pages on products

ROUND TOOLING SYSTEMS

CLM, KL, CL and M Series Mid Flange Mount

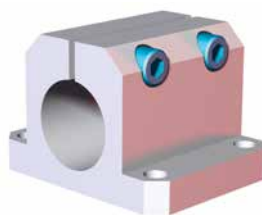


For Mid Flange
Mounts



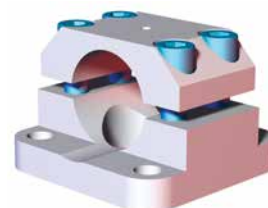
for 20mm/0.75" Tube (Micro)

Model Number	Tube (Ø)
CPI-CLM-20M-1517F-90	20mm
CPI-CLM-75-1517F-90	.75"



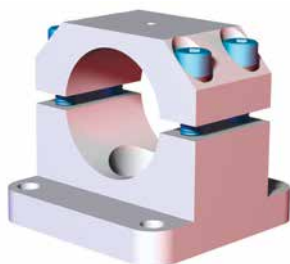
for Ø25mm/1.00" Tube (Micro)

Model Number	Tube (Ø)
CPI-CLM-25M-152F-90	25mm
CPI-CLM-10-152F-90	1.00"



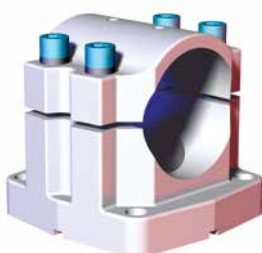
for Ø40mm/1.50" Tube

Model Number	Tube (Ø)
CPI-KL-40-60F-90	40mm
CPI-CL-15-238F-90	1.50"



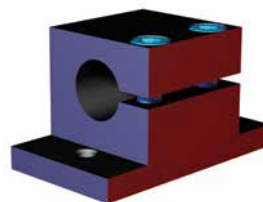
for Ø60mm Tube

Model Number
CPI-KL-60-78F-90
CPI-KL-60-80F-90



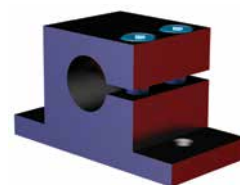
for Ø2.50" Tube

Model Number
CPI-CL-25-312F-90



for Ø1.00" Tube (Inline)

Model Number
M1509



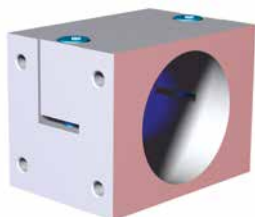
for Ø1.00" Tube

Model Number
M1510



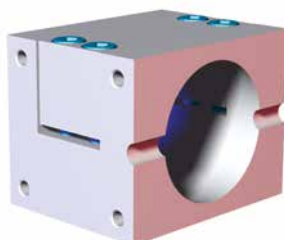
For World Tool
Direct Mounts

World Tool Direct Mounts



for 2.50" Tube

Model Number
CPI-CL-25-DM-10F



for Ø60mm/2.50" Tube

Model Number	Tube (Ø)
CPI-CL-60-DM-40F	60mm
CPI-CL-25-DM-15F	2.50"



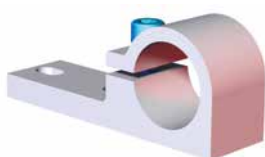
for 2.50" Tube

Model Number
CPI-CL-25-DM-15F-EXT



For Base
Mount Block

Offset Flange Mount



Model Number	Tube (Ø)
CPI-BC-00-25	25mm
CPI-BC-00-100	1.00"
CPI-BC-00-40	40mm
CPI-BC-00-150	1.50"

ROUND TOOLING SYSTEMS

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QR code for Cross Transition
Brackets and Blocks



Cross Transition Brackets and Blocks



Ø25mm/1.00" to Ø25mm/1.00" (Single Bolt)

Model Number	Tube (Ø)	Finish
CPI-SC-25-25	25mm	SILVER
CPI-SC-25-25-BL	25mm	BLUE
CPI-SC-1010	1.00"	SILVER



Ø12mm/.50" to Ø12mm/.50"

Model Number	Tube (Ø)
CPI-CLM-12M-12M	12mm
CPI-CLM-50-50	.50"



Ø1.00" to Ø1.00"

Model Number
M1513



Ø20mm/.75" to Ø12mm/.50"

Model Number	Tube 1 (Ø)	Tube 2 (Ø)
CPI-CLM-20M-12M	12mm	20mm
CPI-CLM-75-50	.50"	.75 in



Ø25mm/1.00" to Ø12mm/.50"

Model Number	Tube 1 (Ø)	Tube 2 (Ø)
CPI-CLM-25M-12M	12mm	25mm
CPI-CLM-10-50	.50"	1.00"



Ø20mm/.75" to Ø20mm/.75"

Model Number	Material	Tube (Ø)
CPI-CLM-20M-20M	Aluminum	20mm
CPI-CLM-20M-20M-ST	Steel	20mm
CPI-CLM-75-75	Aluminum	.75"



Ø25mm/1.00" to Ø20mm/.75"

Model Number	Tube 1 (Ø)	Tube 2 (Ø)
CPI-CLM-25M-20M	20mm	25mm
CPI-CLM-10-75	.75"	1.00"



Ø25mm/1.00" to Ø25mm/1.00" (Double Bolt)

Model Number	Tube (Ø)	Finish
M-25M-25M-M	25mm	BLUE
M-10E-10E-M	1.00"	BLACK



Ø40mm/1.25"/1.50" to Ø25mm/1.00" (Double Bolt)

Model Number	Tube 1 (Ø)	Tube 2 (Ø)	Finish
M-10E-12E-M	1.25"	1.00"	BLACK
M-10E-15E-M	1.50"	1.00"	BLACK
M-25M-40M-M	40mm	25mm	BLUE

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ROUND TOOLING SYSTEMS

Cross Transition Brackets and Blocks | T-Clamp Transition Blocks



For Cross Transition
Brackets and Blocks



Ø60mm/2.50" to Ø25mm/1.00" (Double Bolt)

Model Number	Tube 1 (Ø)	Tube 2 (Ø)	Finish
M-25M-60M-M	60mm	25mm	BLUE
M-10E-25E-M	2.50"	1.00"	BLACK



Ø40mm/1.25"/1.50" to Ø40mm/1.25"/1.50"
(Double Bolt)

Model Number	Tube 1 (Ø)	Tube 2 (Ø)	Finish
M-12E-12E-M	1.25"	1.25"	BLACK
M-12E-15E-M	1.25"	1.50"	BLACK
M-15E-15E-M	1.50"	1.50"	BLACK
M-40M-40M-M	40mm	40mm	BLUE



Ø60mm/2.50 to Ø40mm/1.50" (Double Bolt)

Model Number	Tube 1 (Ø)	Tube 2 (Ø)	Finish
M-40M-60M-M	60mm	40mm	BLUE
M-15E-25E-M	2.50"	1.50"	BLACK



Ø60mm/2.50" to Ø60mm/2.50" (Double Bolt)

Model Number	Tube (Ø)	FINISH
M-60M-60M-M	60mm	BLUE
M-25E-25E-M	2.50"	BLACK



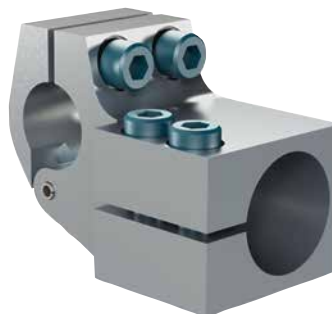
For T-Clamp
Transition Blocks

T-Clamp Transition Blocks



Ø30mm to Ø25mm

Model Number
CPI-TCAH30M-25M



Ø30mm to Ø40mm

Model Number
CPI-TCAH30M-40M

ROUND TOOLING SYSTEMS

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T-Clamp Bracket Assembly | Wrist Clamp | Wrist Bracket | Straight with Swivel

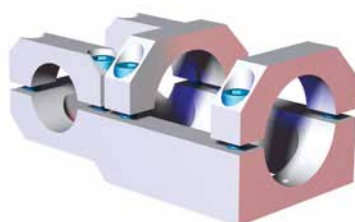
T-Clamp Bracket Assembly

For T-Clamp
Bracket Assembly



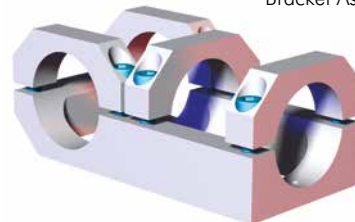
Ø2.50" to Ø1.50"

Model Number
CPI-TCA-250-150



Ø60mm/2.50" to Ø40mm

Model Number	Tube (Ø)
CPI-TCA-60M-40M	60mm



Ø60mm/2.50" to Ø60mm/2.50"

Model Number	Tube 1 (Ø)	Tube 2 (Ø)
CPI-TCA-60M-60M	60mm	60mm
CPI-TCA-250-250	2.50"	2.50"

Wrist Clamp

For Wrist
Clamps

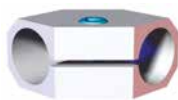


Ø20mm/.75" to Ø12mm/.50"



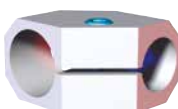
Model Number	(Ø)"D1"	(Ø)"D2"
CPI-SECM-2012M	12mm	20mm
CPI-SECM-7550	.50"	.75"

Ø20mm/.75" to Ø20mm/.75"



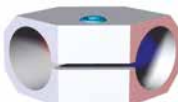
Model Number	(Ø)"D"
CPI-SECM-2020M	20mm
CPI-SECM-7575	.75"

Ø25mm/1.00" to Ø20mm/.75"



Model Number	(Ø)"D1"	(Ø)"D2"
CPI-SECM-2520M	25mm	20mm
CPI-SECM-1075	1.00"	.75"

Ø25mm/1.00" to Ø25mm/1.00"



Model Number	Tube (Ø)
CPI-SECM-2525M	25mm
CPI-SECM-1010	1.00"

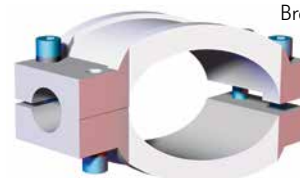
Ø60mm/2.50" to Ø25mm/1.00" Wrist Bracket



Model Number	(Ø)"D1"	(Ø)"D2"
CPI-SLK-4025	40mm	25mm
CPI-SEC-1510	1.50"	1.00"

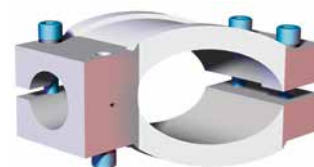
Wrist Bracket

For Wrist
Brackets



Ø60mm/2.50" to Ø25mm/1.00"

Model Number	(Ø)"D1"	(Ø)"D2"
CPI-SLK-6025	60mm	25mm
CPI-SEC-2510	2.50"	1.00"

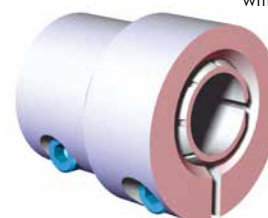


Ø2.50" to Ø1.50" Wrist Bracket

Model Number
CPI-SEC-2515

Straight with Swivel

For Straight
with Swivel



Ø25mm/1.00" to Ø25mm/1.00"

Model Number	Tube (Ø)	Swivel (Ø)
CPI-DC-2525S-8	25mm	25mm
CPI-DC-1010S-8	1.00"	1.00"

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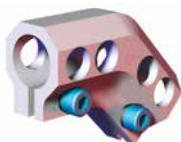
ROUND TOOLING SYSTEMS

Elbows | Accessory Mount Swivel Arms

Elbows

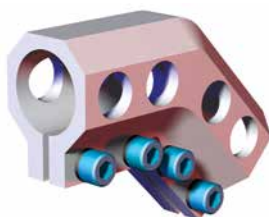


For Elbows



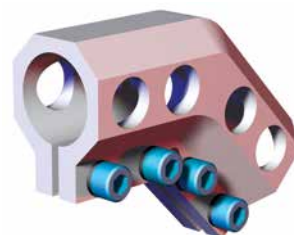
Ø25mm/1.00" to
Ø25mm/1.00" 45°

Model Number	Tube (Ø)
CPI-DC-2525M-45	25mm
CPI-DC-1010-45	1.00"



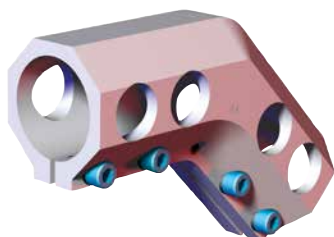
Ø40mm to Ø40mm 45°

Model Number
CPI-DC-40-40-45



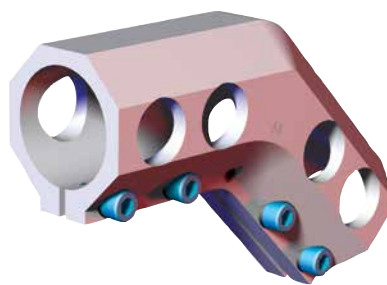
Ø1.50" to Ø1.50" 45°

Model Number
CPI-DC-1515-45



Ø60mm to Ø60mm 45

Model Number
CPI-DC-6060M-45



Ø2.50" to Ø2.50" 45°

Model Number
CPI-DC-2525-45



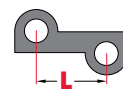
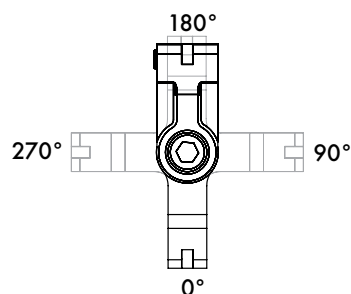
For Accessory Mount
Swivel Arms

Accessory Mount Swivel Arms



Secure Angle
Positioning

Adjusts in 90°
Increments



Ø25mm/1.00" to 1-1/8" (B112) Spherical Ball

Model Number	(L)	(Ø)"D"	Weight
AC-SA10-100-B112-02	[3.65]	1.00"(in)	[0.53 lb]
AC-SA25-25M-B112-50	92.8	25mm	0.24kg
AC-SA10-100-B112-03	[4.74]	1.00"(in)	[0.64 lb]
AC-SA25-25M-B112-75	120.3	25mm	0.29kg
AC-SA10-100-B112-04	[5.72]	1.00"(in)	[0.73 lb]
AC-SA25-25M-B112-100	145.3	25mm	0.33kg
AC-SA10-100-B112-05	[6.70]	1.00"(in)	[0.82 lb]
AC-SA25-25M-B112-125	170.3	25mm	0.37 kg
AC-SA10-100-B112-06	[7.69]	1.00"(in)	[0.93 lb]
AC-SA25-25M-B112-150	195.5	25mm	0.42kg

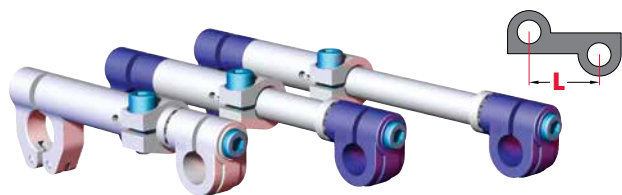
ROUND TOOLING SYSTEMS

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QR code for
Swivel Arms



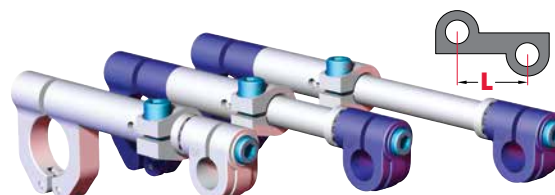
TSA and MSA Series Telescoping Swivel Arms

TSA Telescoping Swivel Arms for Apple Core and Swivel Ball Mount Accessories



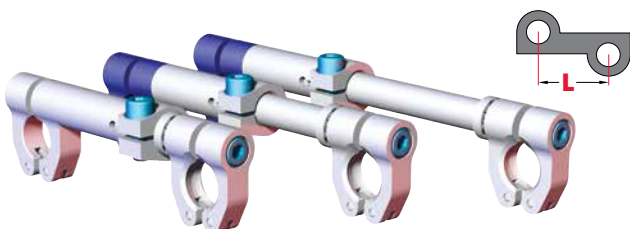
Ø25mm/1.00" for Ø0.75" Apple Core

Model	Tube (Ø)	(L)	Finish
CPI-55-1-TSA	1.00"	[5.66]	SILVER
CPI-140-25-TSA	25mm	143.7	BLUE
CPI-75-1-TSA	1.00"	[7.66]	SILVER
CPI-190-25-TSA	25mm	194.5	BLUE
CPI-95-1-TSA	1.00"	[9.66]	SILVER
CPI-240-25-TSA	25mm	245.3	BLUE



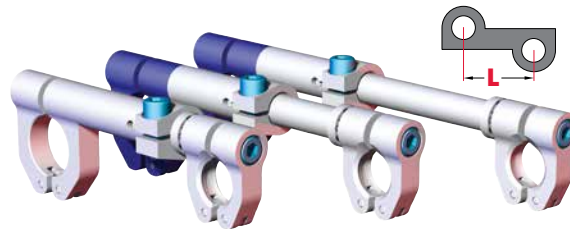
Ø40mm/1.50" for Ø0.75" Apple Core

Model	Tube (Ø)	(L)	Finish
CPI-55-150-TSA	1.50"	[5.94]	SILVER
CPI-140-40-TSA	40mm	150.9	BLUE
CPI-75-150-TSA	1.50"	[7.94]	SILVER
CPI-190-40-TSA	40mm	201.7	BLUE
CPI-95-150-TSA	1.50"	[12.00]	SILVER
CPI-240-40-TSA	40mm	304.8	BLUE



Ø25mm/1.00" for Ø1.125" Swivel Ball Mount

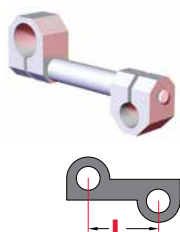
Model	Tube (Ø)	(L)	Finish
CPI-55-1-TSA-B112	1.00"	[5.65]	SILVER
CPI-140-25-TSA-B112	25mm	143.6	BLUE
CPI-75-1-TSA-B112	1.00"	[7.65]	SILVER
CPI-190-25-TSA-B112	25mm	194.4	BLUE
CPI-95-1-TSA-B112	1.00"	[9.65]	SILVER
CPI-240-25-TSA-B112	25mm	245.2	BLUE



Ø40mm/1.50" for Ø1.125" Swivel Ball Mount

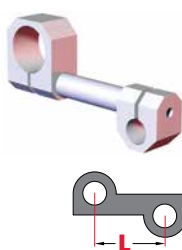
Model	Tube (Ø)	(L)	Finish
CPI-55-150-TSA-B112	1.50"	[5.93]	SILVER
CPI-140-40-TSA-B112	40mm	150.7	BLUE
CPI-75-150-TSA-B112	1.50"	[7.93]	SILVER
CPI-190-40-TSA-B112	40mm	201.5	BLUE
CPI-95-150-TSA-B112	1.50"	[9.93]	SILVER
CPI-240-40-TSA-B112	40mm	252.3	BLUE

MSA (Micro) Swivel Arms for Ø0.50" Apple Core Accessories



Ø20mm/0.75" for Ø.50 Apple Core

Model	Tube (Ø)	(L)
CPI-200-7550-MSA	.75"	[2.00]
CPI-200-20M50-MSA	20mm	50.8
CPI-300-7550-MSA	.75"	[3.00]
CPI-300-20M50-MSA	20mm	76.2
CPI-400-7550-MSA	.75"	[4.00]
CPI-400-20M50-MSA	20mm	101.7
CPI-500-7550-MSA	.75"	[5.00]
CPI-500-20M50-MSA	20mm	127.1
CPI-600-7550-MSA	.75"	[6.00]
CPI-600-20M50-MSA	20mm	152.5



Ø25mm/1.00" for Ø.50 Apple Core

Model	Tube (Ø)	(L)
CPI-200-1050-MSA	1.00"	[2.00]
CPI-200-25M50-MSA	25mm	50.7
CPI-300-1050-MSA	1.00"	[3.00]
CPI-300-25M50-MSA	25mm	76.1
CPI-400-1050-MSA	1.00"	[4.00]
CPI-400-25M50-MSA	25mm	101.6
CPI-500-1050-MSA	1.00"	[5.00]
CPI-500-25M50-MSA	25mm	127.0
CPI-600-1050-MSA	1.00"	[6.00]
CPI-600-25M50-MSA	25mm	152.4

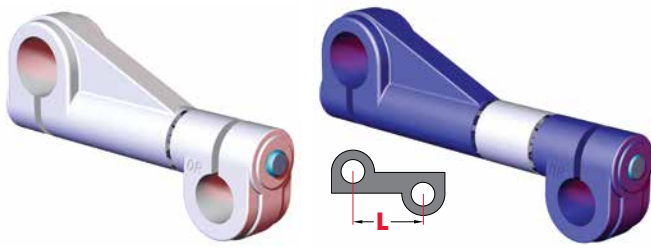


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QR code for
Swivel Arms

ROUND TOOLING SYSTEMS

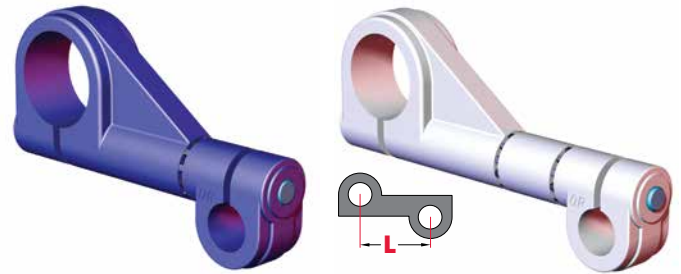
SA Series Telescoping Swivel Arms

SA Swivel Arms for Apple Core and Swivel Ball Mount Accessories



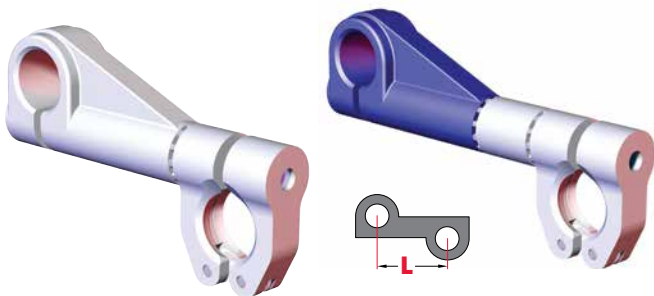
Ø25mm/1.00" for Ø0.75" Apple Core

Model	Tube (Ø)	(L)	Finish
CPI-400-1-SA	1.00"	[3.90]	SILVER
CPI-100-25-SA	25mm	99.1	BLUE
CPI-500-1-SA	1.00"	[5.12]	SILVER
CPI-140-25-SA	25mm	130.1	BLUE
CPI-600-1-SA	1.00"	[5.90]	SILVER
CPI-160-25-SA	25mm	149.9	BLUE
CPI-700-1-SA	1.00"	[6.67]	SILVER
CPI-180-25-SA	25mm	169.4	BLUE
CPI-800-1-SA	1.00"	[8.25]	SILVER
CPI-200-25-SA	25mm	209.6	BLUE



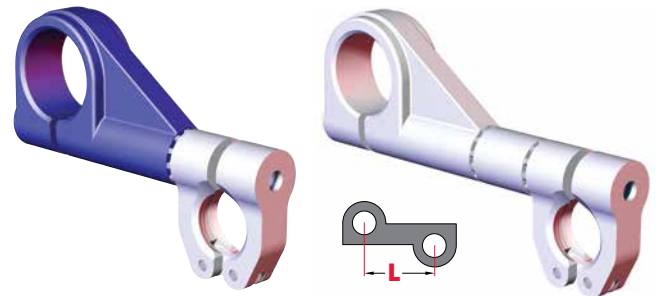
Ø40mm/1.50" for Ø0.75" Apple Core

Model	Tube (Ø)	(L)	Finish
CPI-400-15-SA	1.50"	[3.75]	SILVER
CPI-100-40-SA	40mm	95.2	BLUE
CPI-500-15-SA	1.50"	[4.97]	SILVER
CPI-140-40-SA	40mm	126.1	BLUE
CPI-600-15-SA	1.50"	[5.75]	SILVER
CPI-160-40-SA	40mm	146.0	BLUE
CPI-700-15-SA	1.50"	[6.52]	SILVER
CPI-180-40-SA	40mm	165.5	BLUE
CPI-800-15-SA	1.50"	[8.10]	SILVER
CPI-200-40-SA	40mm	205.6	BLUE



Ø25mm/1.00" for Ø1.125" Swivel Ball Mount

Model	Tube (Ø)	(L)	Finish
CPI-400-1-SA-B112	1.00"	[3.90]	SILVER
CPI-100-25-SA-B112	25mm	98.9	BLUE
CPI-500-1-SA-B112	1.00"	[5.12]	SILVER
CPI-140-25-SA-B112	25mm	129.9	BLUE
CPI-600-1-SA-B112	1.00"	[5.90]	SILVER
CPI-160-25-SA-B112	25mm	149.7	BLUE
CPI-700-1-SA-B112	1.00"	[6.67]	SILVER
CPI-180-25-SA-B112	25mm	169.3	BLUE
CPI-800-1-SA-B112	1.00"	[8.25]	SILVER
CPI-200-25-SA-B112	25mm	209.4	BLUE



Ø40mm/1.50" for Ø1.125" Swivel Ball Mount

Model	Tube (Ø)	(L)	Finish
CPI-400-15-SA-B112	1.50"	[3.74]	SILVER
CPI-100-40-SA-B112	40mm	95.0	BLUE
CPI-500-15-SA-B112	1.50"	[4.96]	SILVER
CPI-140-40-SA-B112	40mm	126.0	BLUE
CPI-600-15-SA-B112	1.50"	[5.74]	SILVER
CPI-160-40-SA-B112	40mm	145.8	BLUE
CPI-700-15-SA-B112	1.50"	[6.51]	SILVER
CPI-180-40-SA-B112	40mm	165.4	BLUE
CPI-800-15-SA-B112	1.50"	[8.09]	SILVER
CPI-200-40-SA-B112	40mm	205.5	BLUE

ROUND TOOLING SYSTEMS

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Swivel Arms



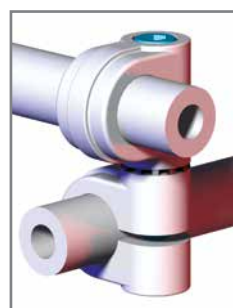
SAXx/EDxx Series Swivel Arms and Accessories

SAXx/EDxx Transition Swivel Arms for Apple Core



Ø25mm/1.00" for Ø0.75" Apple Core (Single-Bolt)

Model	Tube (Ø)	(L)	Finish
CPI-SA10-100-075-02	1.00"	[1.96] 49.8	SILVER
CPI-SA25-25-19-50	25mm		BLUE
CPI-SA10-100-075-03	1.00"	[3.02] 76.8	SILVER
CPI-SA25-25-19-75	25mm		BLUE



Transition Swivel Arms can be used in the same fashion as a Standard Swivel Arm or as a transition junction from tube to Single End Extensions or tube.

Double-Bolt Transition Swivel Arms allow individual adjustment at each end of the swivel arm for more flexibility.

Ø25mm/1.00" for Ø0.75" Apple Core (Double-Bolt)

Model	Tube (Ø)	(L)	Finish
CPI-ED10-100-075-04	1.00"	[4.05] 102.9	SILVER
CPI-ED25-25-19-100	25mm	[4.00] 101.6	BLUE
CPI-ED10-100-075-05	1.00"	[5.05] 128.3	SILVER
CPI-ED10-100-075-06	1.00"	[6.05] 153.7	SILVER
CPI-ED25-25-19-150	25mm	[5.98] 151.9	BLUE
CPI-ED10-100-075-07	1.00"	[7.05] 179.1	SILVER
CPI-ED10-100-075-08	1.00"	[8.05] 204.5	SILVER
CPI-ED25-25-19-200	25mm	[7.95] 201.9	BLUE
CPI-ED10-100-075-09	1.00"	[9.05] 229.9	SILVER
CPI-ED10-100-075-10	1.00"	[10.05] 255.3	SILVER
CPI-ED25-25-19-250	25mm	[9.92] 252.0	BLUE
CPI-ED10-100-075-11	1.00"	[11.05] 280.7	SILVER
CPI-ED10-100-075-12	1.00"	[12.05] 306.1	SILVER
CPI-ED25-25-19-300	25mm	[11.89] 302.0	BLUE
CPI-ED10-100-075-13	1.00"	[13.05] 331.5	SILVER
CPI-ED10-100-075-14	1.00"	[14.05] 356.9	SILVER
CPI-ED25-25-19-350	25mm	[13.85] 351.8	BLUE
CPI-ED10-100-075-15	1.00"	[15.05] 382.3	SILVER
CPI-ED10-100-075-16	1.00"	[16.05] 407.7	SILVER
CPI-ED25-25-19-400	25mm	[15.82] 401.8	BLUE



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QR code for
Swivel Arms

ROUND TOOLING SYSTEMS

SAXx/EDxx Series Swivel Arms and Accessories

SAXx/EDxx Transition Swivel Arms for Apple Core

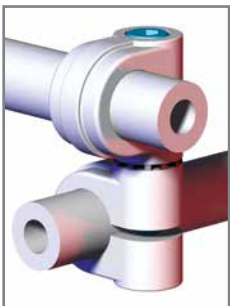


Ø40mm/1.50" for Ø0.75" Apple Core (Single-Bolt)

Model	Tube (Ø)	(L)	Finish
CPI-SA10-150-075-02	1.50"	[1.96] 49.8	SILVER
CPI-SA25-40-19-50	40mm		BLUE
CPI-SA10-150-075-03	1.50"	[3.03] 76.9	SILVER
CPI-SA25-40-19-75	40mm		BLUE

Ø40mm/1.50" for Ø0.75" Apple Core (Double-Bolt)

Model	Tube (Ø)	(L)	Finish
CPI-ED10-150-075-04	1.50"	[4.05] 102.9	SILVER
CPI-ED25-40-19-100	40mm	[4.00] 101.7	BLUE
CPI-ED10-150-075-05	1.50"	[5.05] 128.3	SILVER
CPI-ED10-150-075-06	1.50"	[6.05] 153.7	SILVER
CPI-ED25-40-19-150	40mm	[5.98] 152.0	BLUE
CPI-ED10-150-075-07	1.50"	[7.05] 179.1	SILVER
CPI-ED10-150-075-08	1.50"	[8.05] 204.5	SILVER
CPI-ED25-40-19-200	40mm	[7.95] 202.0	BLUE
CPI-ED10-150-075-09	1.50"	[9.05] 229.9	SILVER
CPI-ED10-150-075-10	1.50"	[10.05] 255.3	SILVER
CPI-ED25-40-19-250	40mm	[9.92] 252.0	BLUE
CPI-ED10-150-075-11	1.50"	[11.05] 280.7	SILVER
CPI-ED10-150-075-12	1.50"	[12.05] 306.1	SILVER
CPI-ED25-40-19-300	40mm	[11.89] 302.1	BLUE
CPI-ED10-150-075-13	1.50"	[13.05] 331.5	SILVER
CPI-ED10-150-075-14	1.50"	[14.05] 356.9	SILVER
CPI-ED25-40-19-350	40mm	[13.85] 351.9	BLUE
CPI-ED10-150-075-15	1.50"	[15.05] 382.3	SILVER
CPI-ED10-150-075-16	1.50"	[16.05] 407.7	SILVER
CPI-ED25-40-19-400	40mm	[15.82] 401.9	BLUE



Transition Swivel Arms can be used in the same fashion as a Standard Swivel Arm or as a transition junction from tube to Single End Extensions or tube.

Double-Bolt Transition Swivel Arms allow individual adjustment at each end of the swivel arm for more flexibility.

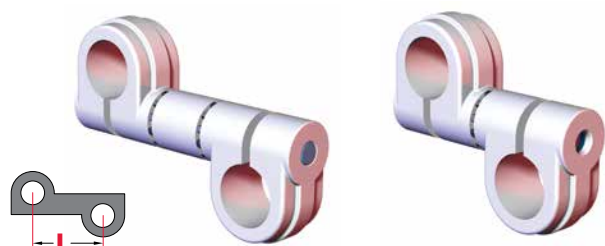
ROUND TOOLING SYSTEMS

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QR code for
Swivel Arms



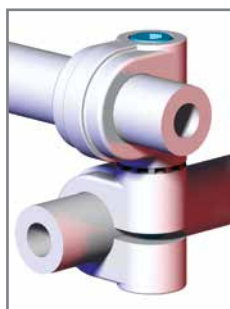
SAXx/EDxx Series Swivel Arms and Accessories

SAXx/EDxx Transition Swivel Arms for Apple Core



Ø25mm/1.00" to Ø25mm/1.00" (Single-Bolt)

Model	Tube (Ø)	(L)	Finish
CPI-SA10-100-100-02	1.00"	[2.00] 50.9	SILVER
CPI-SA25-25-25-50	25mm		BLUE
CPI-SA10-100-100-03	1.00"	[3.07] 77.9	SILVER
CPI-SA25-25-25-75	25mm		BLUE
CPI-SA10-100-100-04	1.00"	[4.04] 102.7	SILVER
CPI-SA25-25-25-100	25mm		BLUE
CPI-SA10-100-100-05	1.00"	[5.03] 127.9	SILVER
CPI-SA25-25-25-125	25mm		BLUE
CPI-SA10-100-100-06	1.00"	[6.02] 153.0	SILVER
CPI-SA25-25-25-150	25mm		BLUE
CPI-SA10-100-100-07	1.00"	[7.00] 177.9	SILVER
CPI-SA25-25-25-175	25mm		BLUE
CPI-SA10-100-100-08	1.00"	[7.99] 203.0	SILVER
CPI-SA25-25-25-200	25mm		BLUE



Transition Swivel Arms can be used in the same fashion as a Standard Swivel Arm or as a transition junction from tube to Single End Extensions or tube.

Double-Bolt Transition Swivel Arms allow individual adjustment at each end of the swivel arm for more flexibility.

Ø25mm/1.00" to Ø25mm/1.00" (Double-Bolt)

Model	Tube (Ø)	(L)	Finish
CPI-ED10-100-100-04	1.00"	[4.09] 104.0	SILVER
CPI-ED25-25-25-100	25mm	[4.04] 102.7	BLUE
CPI-ED10-100-100-05	1.00"	[5.09] 129.4	SILVER
CPI-ED10-100-100-06	1.00"	[6.09] 154.8	SILVER
CPI-ED25-25-25-150	25mm	[6.02] 153.0	BLUE
CPI-ED10-100-100-07	1.00"	[7.09] 180.2	SILVER
CPI-ED10-100-100-08	1.00"	[8.09] 205.6	SILVER
CPI-ED25-25-25-200	25mm	[7.99] 203.0	BLUE
CPI-ED10-100-100-09	1.00"	[9.09] 231.0	SILVER
CPI-ED10-100-100-10	1.00"	[10.09] 256.4	SILVER
CPI-ED25-25-25-250	25mm	[9.96] 253.1	BLUE
CPI-ED10-100-100-11	1.00"	[11.09] 281.8	SILVER
CPI-ED10-100-100-12	1.00"	[12.09] 307.2	SILVER
CPI-ED25-25-25-300	25mm	[11.93] 303.1	BLUE
CPI-ED10-100-100-13	1.00"	[13.09] 332.6	SILVER
CPI-ED10-100-100-14	1.00"	[14.09] 358.0	SILVER
CPI-ED25-25-25-350	25mm	[13.89] 352.9	BLUE
CPI-ED10-100-100-15	1.00"	[15.09] 383.4	SILVER
CPI-ED10-100-100-16	1.00"	[16.09] 408.8	SILVER
CPI-ED25-25-25-400	25mm	[15.86] 402.9	BLUE

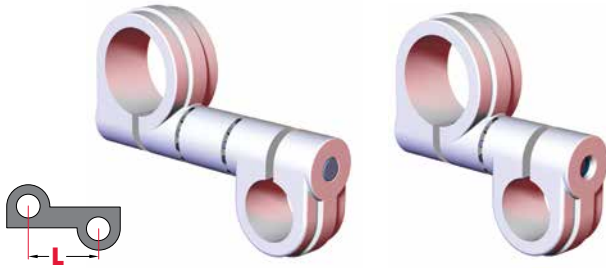


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ROUND TOOLING SYSTEMS

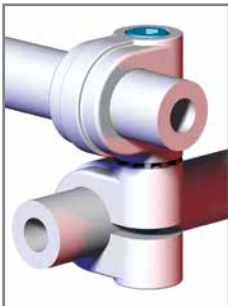
SAxx/EDxx Series Swivel Arms and Accessories

SAxx/EDxx Transition Swivel Arms for Apple Core



Ø40mm/1.50" to Ø25mm/1.00" (Single-Bolt)

Model	Tube (Ø)	(L)	Finish
CPI-SA10-150-100-02	1.50"	[2.01] 51.0	SILVER
CPI-SA25-40-25-50	40mm		BLUE
CPI-SA10-150-100-03	1.50"	[3.07] 78.0	SILVER
CPI-SA25-40-25-75	40mm		BLUE
CPI-SA10-150-100-04	1.50"	[4.05] 102.8	SILVER
CPI-SA25-40-25-100	40mm		BLUE
CPI-SA10-150-100-05	1.50"	[5.04] 127.9	SILVER
CPI-SA25-40-25-125	40mm		BLUE
CPI-SA10-150-100-06	1.50"	[6.03] 153.1	SILVER
CPI-SA25-40-25-150	40mm		BLUE
CPI-SA10-150-100-07	1.50"	[7.01] 178.0	SILVER
CPI-SA25-40-25-175	40mm		BLUE
CPI-SA10-150-100-08	1.50"	[8.00] 203.1	SILVER
CPI-SA25-40-25-200	40mm		BLUE



Transition Swivel Arms can be used in the same fashion as a Standard Swivel Arm or as a transition junction from tube to Single End Extensions or tube.

Double-Bolt Transition Swivel Arms allow individual adjustment at each end of the swivel arm for more flexibility.

Ø40mm/1.50" to Ø25mm/1.00" (Double-Bolt)

Model	Tube (Ø)	(L)	Finish
CPI-ED10-150-100-04	1.50"	[4.10] 104.1	SILVER
CPI-ED25-40-25-100	40mm	[4.05] 102.8	BLUE
CPI-ED10-150-100-05	1.50"	[5.10] 129.5	SILVER
CPI-ED10-150-100-06	1.50"	[6.10] 154.9	SILVER
CPI-ED25-40-25-150	40mm	[6.03] 153.1	BLUE
CPI-ED10-150-100-07	1.50"	[7.10] 180.3	SILVER
CPI-ED10-150-100-08	1.50"	[8.10] 205.7	SILVER
CPI-ED25-40-25-200	40mm	[8.00] 203.1	BLUE
CPI-ED10-150-100-09	1.50"	[9.10] 231.1	SILVER
CPI-ED10-150-100-10	1.50"	[10.10] 256.5	SILVER
CPI-ED25-40-25-250	40mm	[9.97] 253.2	BLUE
CPI-ED10-150-100-11	1.50"	[11.10] 281.9	SILVER
CPI-ED10-150-100-12	1.50"	[12.10] 307.3	SILVER
CPI-ED25-40-25-300	40mm	[11.94] 303.2	BLUE
CPI-ED10-150-100-13	1.50"	[13.10] 332.7	SILVER
CPI-ED10-150-100-14	1.50"	[14.10] 358.1	SILVER
CPI-ED25-40-25-350	40mm	[13.90] 353.0	BLUE
CPI-ED10-150-100-15	1.50"	[15.10] 383.5	SILVER
CPI-ED10-150-100-16	1.50"	[16.10] 408.9	SILVER
CPI-ED25-40-25-400	40mm	[15.87] 403.0	BLUE

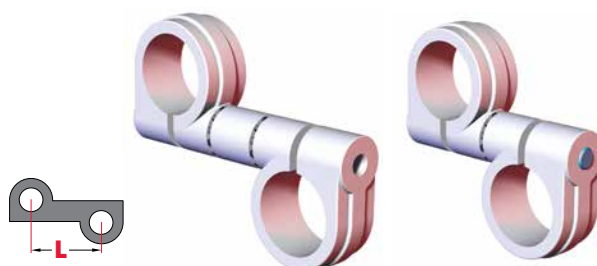
ROUND TOOLING SYSTEMS

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Swivel Arms



SAXx/EDxx Series Swivel Arms and Accessories

SAXx/EDxx Transition Swivel Arms for Apple Core

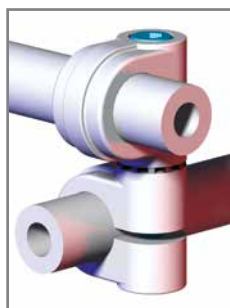


Ø40mm/1.50" to Ø40mm/1.50" (Single-Bolt)

Model	Tube (Ø)	(L)	Finish
CPI-SA10-150-150-02	1.50"	[2.01] 51.1	SILVER
CPI-SA25-40-40-50	40mm		BLUE
CPI-SA10-150-150-03	1.50"	[3.07] 78.1	SILVER
CPI-SA25-40-40-75	40mm		BLUE
CPI-SA10-150-150-04	1.50"	[4.05] 102.9	SILVER
CPI-SA25-40-40-100	40mm		BLUE
CPI-SA10-150-150-05	1.50"	[5.04] 128.0	SILVER
CPI-SA25-40-40-125	40mm		BLUE
CPI-SA10-150-150-06	1.50"	[6.03] 153.2	SILVER
CPI-SA25-40-40-150	40mm		BLUE
CPI-SA10-150-150-07	1.50"	[7.01] 178.1	SILVER
CPI-SA25-40-40-175	40mm		BLUE
CPI-SA10-150-150-08	1.50"	[8.00] 203.2	SILVER
CPI-SA25-40-40-200	40mm		BLUE

Ø40mm/1.50" to Ø40mm/1.50" (Double-Bolt)

Model	Tube (Ø)	(L)	Finish
CPI-ED10-150-150-04	1.50"	[4.10] 104.1	SILVER
CPI-ED25-40-40-100	40mm	[4.05] 102.9	BLUE
CPI-ED10-150-150-06	1.50"	[6.10] 154.9	SILVER
CPI-ED25-40-40-150	40mm	[6.03] 153.2	BLUE
CPI-ED10-150-150-08	1.50"	[8.10] 205.7	SILVER
CPI-ED25-40-40-200	40mm	[8.00] 203.2	BLUE
CPI-ED10-150-150-10	1.50"	[10.10] 256.4	SILVER
CPI-ED25-40-40-250	40mm	[9.97] 253.2	BLUE
CPI-ED10-150-150-12	1.50"	[12.10] 307.3	SILVER
CPI-ED25-40-40-300	40mm	[11.94] 303.3	BLUE
CPI-ED10-150-150-14	1.50"	[14.10] 358.1	SILVER
CPI-ED25-40-40-350	40mm	[13.90] 353.1	BLUE
CPI-ED10-150-150-16	1.50"	[16.10] 408.9	SILVER
CPI-ED25-40-40-400	40mm	[15.87] 403.1	BLUE



Transition Swivel Arms can be used in the same fashion as a Standard Swivel Arm or as a transition junction from tube to Single End Extensions or tube.

Double-Bolt Transition Swivel Arms allow individual adjustment at each end of the swivel arm for more flexibility.

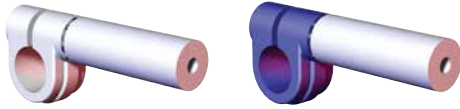


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QR code for
Swivel Arms

ROUND TOOLING SYSTEMS

ES and MSE Series Rod Extensions

ES Rod End Extensions



Ø25mm/1.00" Tube to Ø25mm/1.00" Rod

Model	Tube (Ø)	Rod (Ø)	Finish
CPI-ES10-100-(L)	1.00"	1.00"	SILVER
CPI-ES25-25-(L)	25mm	25mm	BLUE

"L" = Specify Length from Below

English Lengths:

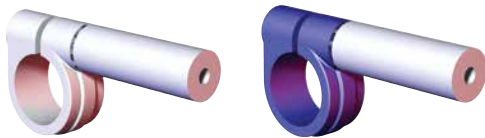
From 03(3.00") to 19(19.00") in 1.00" Increments

Order Example: CPI-ES10-100-06 (6.00" Length)

Metric Lengths:

From 50(50mm) to 400(400mm) in 50mm Increments

Order Example: CPI-ES25-25-250 (250mm Length)



Ø40mm/1.50" Tube to Ø25mm/1.00" Rod

Model	Tube (Ø)	Rod (Ø)	Finish
CPI-ES10-150-(L)	1.50"	1.00"	SILVER
CPI-ES25-40-(L)	40mm	25mm	BLUE

"L" = Specify Length from Below

English Lengths:

From 03(3.00") to 16(16.00") in 1.00" Increments

Order Example: CPI-ES10-150-06 (6.00" Length)

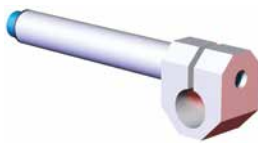
Metric Lengths:

From 50(50mm) to 400(400mm) in 50mm Increments

Order Example: CPI-ES25-40-250 (250mm Length)

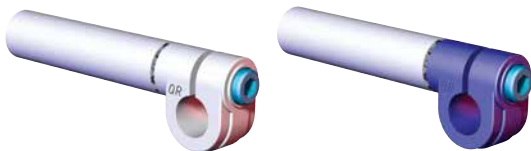
MSE (Micro) Mounting End Extensions

Ø0.50" Rod for Ø0.50" Apple Core



Model	Rod (Ø)	(L)
CPI-MSE-50-50-03	[.50]	[3.48] 88.3
CPI-MSE-50-50-06	12.7	[6.23] 158.2

ES Mounting End Extensions



Ø25mm/1.00" for Ø0.75" Apple Core

Model	Rod (Ø)	Finish
CPI-ES10-075-(L)	1.00"	SILVER
CPI-ES25-19-(L)	25mm	BLUE

"L" = Specify Length from Below

English Lengths:

From 03(3.00") to 28(28.00") in 1.00" Increments

Order Example: CPI-ES10-075-06 (6.00" Length)

Metric Lengths:

From 50(50mm) to 400(400mm) in 50mm Increments

Order Example: CPI-ES25-19-250 (250mm Length)

ES Spherical Swivel Ball Extension



Ø25mm/1.00" for Ø1.125" Swivel Ball Mount

Model	Rod (Ø)	Finish
CPI-ES10-B112-(L)	1.00"	SILVER
CPI-ES25-B112-(L)	25mm	BLUE

"L" = Specify Length from Below

English Lengths:

From 03(3.00") to 18(18.00") in 1.00" Increments

Order Example: CPI-ES10-B112-06 (6.00" Length)

Metric Lengths:

From 50(50mm) to 400(400mm) in 50mm Increments

Order Example: CPI-ES25-B112-250 (250mm Length)

ROUND TOOLING SYSTEMS

EST, AB and SAP Series Nest Pad Brackets

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pages on products

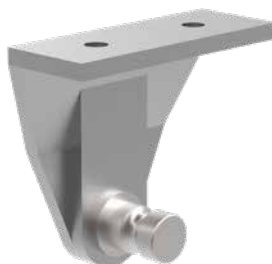
EST Series Nest Pad Brackets

For Nest Pad
Brackets



Ø60mm to Ø60mm 45

Model Number	Pin Ø
CPI-EST-00-1E-24	1 in
CPI-EST-00-25-410	25mm



Apple Core Version

Model Number	
CPI-EST-00-075-24	
CPI-EST-00-19-410	



90° Version

Model Number	Pin Ø
CPI-EST-90-1E-24	1 in
CPI-EST-90-25E-410	25mm



90° Apple Core Version

Model Number	
CPI-EST-90-075-24	
CPI-EST-90-19-410	

AB Series Nest Pad Brackets



Ø60mm to Ø60mm 45

Model Number	Pin Ø
CPI-AB-00-1E-24	1 in
CPI-AB-25-410	25mm



Apple Core Version

Model Number	
CPI-AB-750-24	
CPI-AB-19-410	



90° Version

Model Number	Pin Ø
CPI-AB-90-1E-24	1 in
CPI-AB-90-25-410	25mm



90° Apple Core Version

Model Number	
CPI-AB-90-24	
CPI-AB-90-19-410	

SAP Series Proximity Switch Mounts

For Proximity
Switch Mounts



with 1" Extension

Model Number	Hole (Ø)
CPI-SAP-18-1E	[0.39] 10
CPI-SAP-30-1E	[1.18] 30



with Apple Core

Model Number	Hole (Ø)
CPI-SAP-00	NA
CPI-SAP-10	[0.39] 10
CPI-SAP-18	[0.71] 18
CPI-SAP-30	[1.18] 30
CPI-SAP-36	[1.42] 36
CPI-SAP-42	[1.65] 42
CPI-SAP-47	[1.85] 47
CPI-SAP-54	[2.13] 54

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ROUND TOOLING SYSTEMS

Round Tooling Accessories



For Proximity
Switch Bumpers

PSM Spring-Loaded Bumper



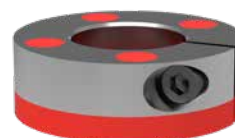
Model Number	I.D. (Ø)
CPI-PSM-18-75	[18] 0.71"
CPI-PSM-30-75	[30] 1.18"

PB Friction Style Bumper



Model Number	I.D. (Ø)	O.D. (Ø)
CPI-PB-18-I	[18] 0.71	[38.1] 1.50
CPI-PB-30-I	[30] 1.18	[50.8] 2.00

PB Locking Collar Style Bumper



Model Number	I.D. (Ø)	O.D. (Ø)
CPI-PB-30M	[57.2] 2.25	[30] 1.18
CPI-PB-36M	[63.5] 2.50	[36] 1.42
CPI-PB-42M	[69.9] 2.75	[42] 1.65
CPI-PB-47M	[76.2] 3.00	[47] 1.85
CPI-PB-54M	[85.9] 3.38	[54] 2.13

Blue Slice Nest Tooling



For Blue Slice
Nest Tooling



Model Number	Material
CPI-SGM-TH-12	Steel

Nest Pad Guide

For Nest Pad Guides



CPI - NPG - 10

Base Model
NPG
Steel Nest
Pad Guides

Length

04	4.00"
06	6.00"
08	8.00"
10	10.00"
12	12.00"
14	14.00"



Nest Pad Guide - Single



CPI - NPG - 24E

Base Model
NPG
Steel Nest
Pad Guides
Single

Length

05	5.00"
06	6.00"
07	7.00"
08	8.00"

Height

04	4.00"
06	6.00"
08	8.00"

Nest Pad Guide - Wide



CPI - NPG - 24S

Base Model
NPG
Steel Nest
Pad Guides
Wide

Length

3.5	3.50"
4.5	4.50"
5.5	5.50"
6.5	6.50"

Height

04	4.00"
06	6.00"
08	8.00"

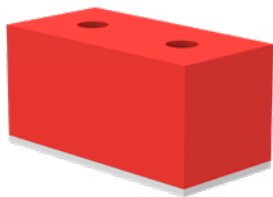
ROUND TOOLING SYSTEMS

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QR code for Urethane
and Neoprene Pads



Urethane and Neoprene Pads

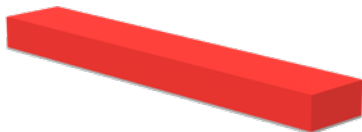
Urethane Pads



Model	Height	Length
CPI-UT-1-4-85	1.00"	4.00"
CPI-UT-2-4-85	2.00"	4.00"
CPI-UT-2-6-85	2.00"	6.00"

85 Durometer (Shore A) Urethane

Bar Stock Urethane



CPI - BS - **24** — **Length L 24 24.00" 609.6 mm**

Base Model BS	Overall Height H	Backing Plate Height P	Width W
Bar Stock	1 1.00" 25.4 mm	1/8 0.13" 3.2 mm	1 1.00" 25.4 mm
85 Durometer	2 2.00" 50.8 mm	1/4 0.25" 6.4 mm	2 2.00" 50.8 mm
(Shore A) Urethane	3 3.00" 76.2 mm	3/8 0.38" 9.6 mm	3 3.00" 76.2 mm
	4 4.00" 101.6 mm	1/2 0.50" 12.7 mm	4 4.00" 101.6 mm
	5 5.00" 127 mm	1* 1.00" 25.4 mm	
	6 6.00" 152.4 mm	*Not available for 1" Overall Height.	

Ribbed Pads Neoprene



CPI - RT - **24**

Base Model RT	Overall Height H	Length L	Durometer (Shore A)
Ribbed Pads	1/2 0.50" 12.7 mm	4 4.00" 101.6 mm	15 Tan
Neoprene	1 1.00" 25.4 mm	6 6.00" 152.4 mm	30 Teal
	2 2.00" 50.8 mm	8 8.00" 203.2 mm	45 Red
	3 3.00" 76.2 mm	12 12.00" 304.8 mm	60 Black
	4 4.00" 101.6 mm		



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QR code for Tool
Storage Accessories

ROUND TOOLING SYSTEMS

Tool Storage Accessories

Tool Storage Cart



	CPI	TC			DP	FP	
	Base Model		Width		Length		
Tool Storage Carts	TC	36	36.00"	0.9 m	48	48.00"	1.2 m
		48	48.00"	1.2 m	60	60.00"	1.5 m
					72	72.00"	1.8 m
					84	84.00"	2.1 m
					96	96.00"	2.4 m

Tool Hanger



Model Number
CPI-THR-516

Tool Holder Strap



Model Number
CPI-SGM-TH-CABLE-08

Tool Storage Can

	Base Model		Bayonet Size		Height		
Tool Holder	TH	150	1.5"	40 mm	6.5	6.5"	165 mm
		250	2.5"	60 mm	12.5	12.5"	318 mm
					18.5	18.5"	470 mm



ROUND TOOLING SYSTEMS

Notes

[illegible]



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QR code for
Vacuum Cups

VACUUM PRODUCTS

Vacuum Products | Durometer and Mounting Options

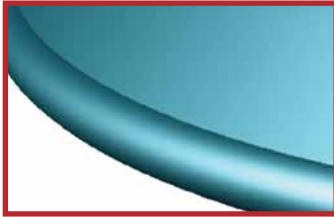
DESTACO Vacuum Cups are offered in different families, and may be offered in different durometers. Vacuum cups are also offered in Imperial and Metric mounting options which may vary according to the size and type of the vacuum cup.

Vacuum cups can be ordered as follows:

CPI-"MODEL"-"Mounting"-"Durometer"



Vacuum Cup Durometers ("**DR**") (Color equals Durometer (Shore A Scale))



30

This soft durometer is useful for dryer, contoured panels. However, this durometer has less life.



45

This medium hard durometer will seal and adapt to contours well and is good for all around usage. This durometer has a longer life than the 30 durometer.



60

This hard durometer is helpful for extremely oily panels and flat surfaces such as a destacker operation. This durometer has a longer life than the 45 durometer.



PU55

This durable long-lasting polyurethane material is resistant to oils, UV light and oxygen. No dry rotting or cracking with better elastic memory.

= Durometer not available in cup style.

Imperial Vacuum Cup Mounting Options ("**M**")



1/4" NPT



3/8" NPT



1.25" SQUARE



1/2" NPT



1/8" NPT MALE



QUICK DISCONNECT

Metric Vacuum Cup Mounting Options ("**M**")



1/4" G



3/8" G



1.25" SQUARE

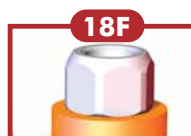
= Mount only available in this cup size.

= Mount not available in this cup size.

Micro Industrial Mounting Options ("**M**")



10-32 MALE



1/8" G FEMALE



1/8" G MALE

Specialty Vacuum Cup Mounting Options ("**M**")



M10 MALE



M8 FEMALE



SMOOTH BORE

Polyurethane Mounting Options ("**M**")



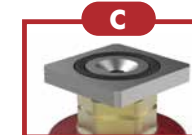
3/8 NPT



Nylon G3/8



G3/8



1.25 in. Square

CHOOSE THE RIGHT VACUUM CUP

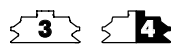
CLICK OR SCAN
QR code for
Vacuum Cups



Vacuum Products | Application, Characteristics and Usage Chart for Vacuum Cups

Vacuum Cup Family	DESTACKER APPLICATION	FLAT CONTOURS	MILD CONTOURS	HIGH CONTOURS	SLICK/OILY SURFACES	DRY SURFACES	HOT FORMING	Application Direction
 US Patents #7,309,089 7,712,807 Destacker Vacuum Cups	5	5	N/A	N/A	3	5	N/A	VERTICAL
 Round Traction Vacuum Cups	N/A	N/A	N/A	N/A	N/A	N/A	N/A	HORIZONTAL
 Round Flatfoot Vacuum Cups	4	5	4	2	5	5	N/A	VERTICAL
 Round Belcup Vacuum Cups	N/A	5	3	1	5	5	N/A	HORIZONTAL
 Round Deepdish Vacuum Cups	4	4	5	3	4	4	N/A	VERTICAL
 Oval Deepdish Vacuum Cups	N/A	4	5	3	4	4	N/A	HORIZONTAL
 Oval Flatfoot Vacuum Cups	4	5	4	2	3	4	N/A	VERTICAL
 Hot Forming Vacuum Cups	N/A	3	3	1	2	4	N/A	HORIZONTAL
 Hot Forming Vacuum Cups	N/A	3	3	1	2	4	5	VERTICAL
 Hot Forming Vacuum Cups	N/A	3	2	1	2	3	5	HORIZONTAL

Worst Cup for the Job



Best Cup for the Job

N/A

Not Advised for the application

This chart is a guide to aid in selecting the right family of cup for general surfaces, contours, and applications.



CLICK OR SCAN
QR code for
Vacuum Cups

CHOOSE THE RIGHT VACUUM CUP

Vacuum Products | Application, Characteristics and Usage Chart for Vacuum Cups

Polyurethane Vacuum Cups		DESTACKER APPLICATION	FLAT CONTOURS	MILD CONTOURS	HIGH CONTOURS	SLICK/OILY SURFACES	DRY SURFACES	HOT FORMING	Application Direction
	Round Bellows Vacuum Cups	4	5	4	2	5	5	N/A	VERTICAL
		N/A	5	3	1	5	5	N/A	HORIZONTAL
	Round Flat Foot Vacuum Cups	4	4	5	2	4	5	N/A	VERTICAL
		N/A	4	5	2	4	5	N/A	HORIZONTAL
	Round Deepdish Vacuum Cups	3	4	5	5	4	5	N/A	VERTICAL
		3	4	5	5	4	5	N/A	HORIZONTAL
	Oval Bellows Vacuum Cups	3	4	4	2	4	5	N/A	VERTICAL
		N/A	4	3	2	3	5	N/A	HORIZONTAL
	Oval Flat Foot Vacuum Cups	3	4	3	2	3	5	N/A	VERTICAL
		N/A	3	3	2	2	5	N/A	HORIZONTAL

Worst Cup for the Job **1** **2** **3** **4** **5** Best Cup for the Job **N/A** Not Advised for the application

This chart is a guide to aid in selecting the right family of cup for general surfaces, contours, and applications.

VACUUM PRODUCTS

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Vacuum Cups



Vacuum Cups

DC Destacker Stress Relieving



US Patents #7,309,089
7,712,807

Imperial

Ø3.00" CPI-30DC-(M)-60
Ø4.00" CPI-40DC-(M)-60

(DR) = Durometer



(M) = Mounts Available



Metric

Ø75 mm CPI-75DC-(M)-60
Ø100 mm CPI-100DC-(M)-60

(DR) = Durometer



(M) = Mounts Available



TC/HT Round Traction



Imperial

Ø2.00" CPI-20TC-(M)-(DR)
Ø3.50" CPI-35TC-(M)-(DR)
Ø4.50" CPI-45TC-(M)-(DR)
Ø5.50" CPI-55TC-(M)-(DR)

(M) = Mounts Available



(DR) = Durometer



Metric

Ø50mm CPI-50HT-(M)-(DR)
Ø90mm CPI-90HT-(M)-(DR)
Ø115mm CPI-115HT-(M)-(DR)
Ø140mm CPI-140HT-(M)-(DR)

(DR) = Durometer



(M) = Mounts Available



FF/PF Round Flatfoot



Imperial

Ø2.00" CPI-20FF-(M)-(DR)
Ø3.00" CPI-30FF-(M)-(DR)
Ø4.00" CPI-40FF-(M)-(DR)
Ø5.00" CPI-50FF-(M)-(DR)

(DR) = Durometer



(M) = Mounts Available



Metric

Ø50mm CPI-50PF-(M)-(DR)
Ø75mm CPI-75PF-(M)-(DR)
Ø100mm CPI-100PF-(M)-(DR)
Ø125mm CPI-125PF-(M)-(DR)

(DR) = Durometer



(M) = Mounts Available





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Vacuum Cups

VACUUM PRODUCTS

Vacuum Cups

AC/BT Round Belcup



Imperial

Ø1.50"	CPI-15AC-(M)-(DR)
Ø2.00"	CPI-20AC-(M)-(DR)
Ø3.00"	CPI-30AC-(M)-(DR)
Ø4.00"	CPI-40AC-(M)-(DR)
Ø5.00"	CPI-50AC-(M)-(DR)

(DR) = Durometer

~~30~~ 45 60

(M) = Mounts Available

M8F 20AC

K B C D ~~15AC~~ ~~20AC~~ E1 ~~15AC~~

Metric

Ø40mm	CPI-40BT-(M)-(DR)
Ø50mm	CPI-50BT-(M)-(DR)
Ø75mm	CPI-75BT-(M)-(DR)
Ø100mm	CPI-100BT-(M)-(DR)
Ø125mm	CPI-125BT-(M)-(DR)

(DR) = Durometer

~~30~~ 45 60

(M) = Mounts Available

A B C M10

DD/DM Round Deepdish



Imperial

Ø2.00"	CPI-20DD-(M)-(DR)
Ø3.00"	CPI-30DD-(M)-(DR)
Ø4.00"	CPI-40DD-(M)-(DR)

(DR) = Durometer

30 45 ~~60~~

(M) = Mounts Available

K B C

Metric

Ø50mm	CPI-50DM-(M)-(DR)
Ø75mm	CPI-75DM-(M)-(DR)
Ø100mm	CPI-100DM-(M)-(DR)

(DR) = Durometer

30 45 ~~60~~

(M) = Mounts Available

A B C

FF/PF Oval FlatFoot



Imperial

1.50" x 3.00"	CPI-153FF-(M)-(DR)
2.00" x 4.00"	CPI-24FF-(M)-(DR)
2.50" x 5.00"	CPI-255FF-(M)-(DR)
3.00" x 6.00"	CPI-36FF-(M)-(DR)

(DR) = Durometer

30 45 ~~60~~

(M) = Mounts Available

K B C D 24FF E1 24FF

Metric

40 x 75mm	CPI-40-75PF-(M)-(DR)
50 x 100mm	CPI-50-100PF-(M)-(DR)
60 x 125mm	CPI-60-125PF-(M)-(DR)
75 x 150mm	CPI-75-150PF-(M)-(DR)

(DR) = Durometer

30 45 ~~60~~

(M) = Mounts Available

A B C ~~63-125PF~~

VACUUM PRODUCTS

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QR code for
Vacuum Cups



Vacuum Cups

DD/DM Oval Deepdish



Imperial

1.00" x 5.00" CPI-15DD-(M)-(45)
3.00" x 6.00" CPI-36DD-(M)-(45)

(DR) = Durometer



(M) = Mounts Available



Metric

25 x 125mm CPI-25-125DM-(M)-(45)
75 x 150mm CPI-75-150DM-(M)-(45)

(DR) = Durometer



(M) = Mounts Available



MFF Round Flat



Metric

Ø30mm CPI-30MFF-B-HT
Ø40mm CPI-40MFF-B-HT
Ø50mm CPI-50MFF-B-HT
Ø60mm CPI-60MFF-B-HT

MTC Round Bellows



Metric

Ø22mm CPI-22MTC-B-HT
Ø30mm CPI-30MTC-B-HT
Ø40mm CPI-40MTC-B-HT
Ø50mm CPI-50MTC-B-HT
Ø60mm CPI-60MTC-B-HT

MFF Oval Flat



Metric

Ø60x23mm CPI-6023MFF-B-HT
Ø90x30mm CPI-9030MFF-B-HT
Ø80x40mm CPI-8040MFF-B-HT
Ø100x50mm CPI-10050MFF-B-HT



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QR code for
Vacuum Cups

VACUUM PRODUCTS

Vacuum Cups

MAC Oval Bellows



Ø60x30mm	CPI-6030MAC-B-HT
Ø80x40mm	CPI-8040MAC-B-HT

VC-F Round Flat



Ø15mm	VC-F15(DR)-(M)
Ø20mm	VC-F20(DR)-(M)
Ø30mm	VC-F30(DR)-(M)
Ø40mm	VC-F40(DR)-(M)
Ø50mm	VC-F50(DR)-(M)

(DR) = Durometer/Material

V S N

Not Available in
Ø15 and Ø20mm

(M) = Mounts Available

10M 18M 18F

Only Available in
Ø15 and Ø20mm

VC-B Micro Series Round Bellows



Ø05mm	VC-B05(DR)-(M)
Ø10mm	VC-B10(DR)-(M)
Ø15mm	VC-B15(DR)-(M)
Ø20mm	VC-B20(DR)-(M)
Ø30mm	VC-B30(DR)-(M)
Ø40mm	VC-B40(DR)-(M)
Ø50mm	VC-B50(DR)-(M)

(DR) = Durometer/Material

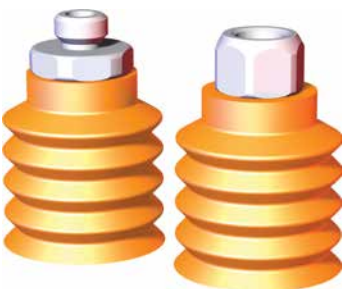
V S N

(M) = Mounts Available

10M 18M 18F

Only Available in
Ø5, Ø10, Ø15, Ø20mm

VC-BM Micro Series Round Multi-Bellows



Ø20mm	VC-BM20(DR)-(M)
Ø30mm	VC-BM30(DR)-(M)
Ø40mm	VC-BM40(DR)-(M)
Ø50mm	VC-BM50(DR)-(M)

(DR) = Durometer/Material

X S N

(M) = Mounts Available

10M 18M 18F

Only Available in
Ø20mm



Vacuum Cups

TC Polyurethane Round Bellows



Metric	
Ø30mm.....	VC-30TC-(M)-PU55
Ø45mm.....	VC-40TC-(M)-PU55
Ø61mm.....	VC-60TC-(M)-PU55
Ø85mm.....	VC-80TC-(M)-PU55
Ø85mm.....	VC-80TCT-(M)-PU55
Ø115mm.....	VC-110TC-(M)-PU55
Ø115mm.....	VC-110TCT-(M)-PU55

FF Polyurethane Round Flat



Metric	
Ø25mm.....	VC-25FF-(M)-PU55
Ø35mm.....	VC-35FF-(M)-PU55
Ø50mm.....	VC-50FF-(M)-PU55
Ø75mm.....	VC-75FF-(M)-PU55
Ø100mm.....	VC-100FF-(M)-PU55
Ø125mm.....	VC-125FF-(M)-PU55

DD Polyurethane Deepdish Round



Metric	
Ø67.5mm.....	VC-65DD-(M)-PU60
Ø92.5mm.....	VC-90DD-(M)-PU60
Ø112.5mm.....	VC-110DD-(M)-PU60

TC Polyurethane Oval Bellows



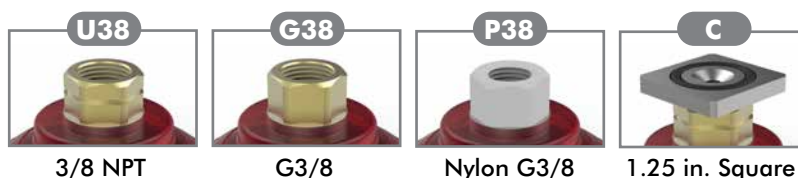
Metric	
Ø50x105mm	VC-35-90TC-(M)-PU55
Ø67x157mm	VC-50-140TC-(M)-PU55
Ø82x187mm	VC-65-170TC-(M)-PU55

FF Polyurethane Oval Flat



Metric	
Ø24x84mm	VC-20-80FF-(M)-PU55
Ø33x93mm	VC-30-90FF-(M)-PU55
Ø43x113mm	VC-40-110FF-(M)-PU55

Mounting Options ("M")



EcoCup Series Electric Vacuum Cup | Magnetic Grippers

EcoCup™ EC40 Electric Vacuum Cup

Robot Mount

For EcoCup Electric
Vacuum Cups



US Patent #9108319

Model
VC-EC40-45N



Model
VC-EC40-SRM50

Optional Apple Core Mounting

M12 4-Pin Connector with Rotating Coupling



Model
VC-EC40-ACM50



Model
Turck #FKM 4.4-0.5

(Contact DESTACO for Custom Solutions)

TPLP Mag-Lift Part Lifting Magnets

For Mag-Lift Part
Lifting Magnets



1.50" Diameter Mag-Lift Magnet

Mount	Model	Pad Only
3/8 NPT	CPI-TPLP15RB	RB15-CPI



3.00" Diameter Mag-Lift Magnet

Mount	Model	Pad Only
3/8 NPT G3/8	CPI-TPLP50373 CPI-TPLP30BS	RB30-CPI

VACUUM PRODUCTS

CLICK OR SCAN
QR code for
Vacuum Generation



ARV® Series Auto-Release Venturi Cup Mount | VSA Series Vacuum Cup Mount

ARV® Series Auto-Release Venturi Cup Mount

US Patents #7,540,309
7,681,603



Left Hand Apple Core
CPI-VSA-ARVL-750-(X)



Right Hand Apple Core
CPI-VSA-ARVR-750-(X)



Without Apple Core
CPI-VSA-ARVR-000-(X)



RH/LH Spherical Ball
CPI-VSA-ARV(R/L)-B112-(X)
CPI-VSA-ARV(R/L)-B32-(X)



(X)
Mounting Thread
U38 = 3/8" NPT Male
G38 = 3/8" G Male



Vacuum Sensor Option
Add "-VS" to end of
"ARV" order code



B112-01
28.58mm ball only



B112-32-01
32mm ball only

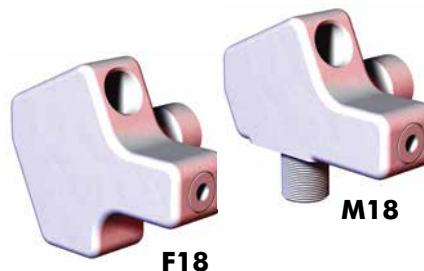
ARV® Block Style



Model Number
CPI-VSA-ARVR-312-(X)

Description	(X)
3/8" NPT Female	U38
3/8" G Female	G38

VSA 500 Series MicroTool Apple Core



M18

Model Number
CPI-VSA-500-(A)

Description	Port A
Female 1/8" NPT to Female 1/8" NPT	F18
Female 1/8" NPT to Male 1/8" NPT	M18

VSA Low-Profile 750/19 Series Apple-Core with Blow-Off



Low-Profile 750/19
Blow Off No Options



Low-Profile 750/19
Blow Off with
Detector Option



Low-Profile 750/19
Blow Off with
"VS" Option



For Silencer Option;
add "ST2" to the end
of order code (as shown).

Model Number	Model Number	Model Number	Model Number
CPI-VSA-(X)-BO-LP	CPI-VSA-(X)-BO-LP-DET	CPI-VSA-(X)-BO-LP-VS	CPI-VSA-(X)-BO-LP-VS-ST2

Version	Mount Thread "M"	Vacuum Port "V"	(X)
Metric	3/8" G Male	1/4" G	19
Imperial	3/8" NPT Male	1/4" NPT	750



CLICK OR SCAN
QR code for
Vacuum Generation

VACUUM PRODUCTS

PA Series Port Only Adaptor | PAT Series Vacuum Extension Tube

PA Series

Apple Core Mount



PA-19M

PA-20M

Model Number	ØD	Port
PA-19M-G38-A	19	G1/4 (side)
PA-19M-U38-A	19	1/4 NPT (side)
PA-20M-G38-AC-A	20	G1/4 (core)



CPI-LNA-VSA-19
G1/4 Locking Nut

CPI-LNB-VSA-19
G3/8 Locking Nut

Ball Mount



PA-B32-G38-T-A

PA-B32/B112

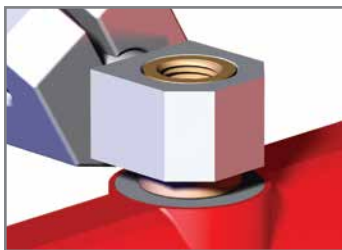
Model Number	ØD	Mount	Port
PA-B32-G38-A	32 mm	G3/8	G1/4 (side)
PA-B32-G38-T-A		G3/8	G1/4 (top)
PA-B32-U38-A		3/8 NPT	1/4 NPT (side)
PA-B32-G14-A	1.12 in.	G1/4	G1/4 (side)
PA-B112-G38-A		G3/8	G1/4 (side)
PA-B112-U38-A		1/4 NPT	1/4 NPT (side)

PA 28mm - 32mm Ball for C-Mount

Model Number	ØD
CPI-PA-B112-CM	[1.13] 28.5
CPI-PA-B32-CM	[1.26] 32



PA 500 Series

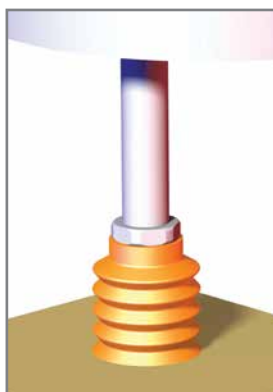


Model Number

CPI-PA-500-"A"-"B"

Description	A (top)	B (bot)
Female 1/8" NPT/Female 1/8" NPT	F18	F18
Female 1/8" G/Female 1/8" G	FG18	FG18
Female M5/Female M5	FM5	FM5
Female 1/8" NPT/Male 1/8" NPT	F18	M18
Female 1/8" G/Male 1/8" G	FG18	MG18
Female M5/Male M5	FM5	MM5

PAT 1/8 NPT Vacuum Extension

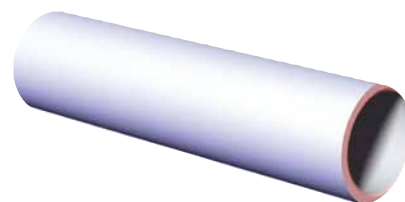


"L" Standard Lengths

02 = 2.00"
03 = 3.00"
04 = 4.00"
05 = 5.00"
06 = 6.00"

Model Number

CPI-PAT-50T-"L"-U18



VACUUM PRODUCTS

CLICK OR SCAN
QR code for
Spring Cup Mounts



LC, RCM and SCM Series Level Compensators

LC Bulk Head Style Micro Series Level Compensators



0.30" Travel
Micro Series
Level Compensator
CPI-LC10

Mounting Tread
G1/8" BSPP

Ports
Vacuum = M5 Female
Mounting = M5 Female



0.75" Travel
Micro Series
Level Compensator
CPI-LC18

Mounting Tread
M16 x 1

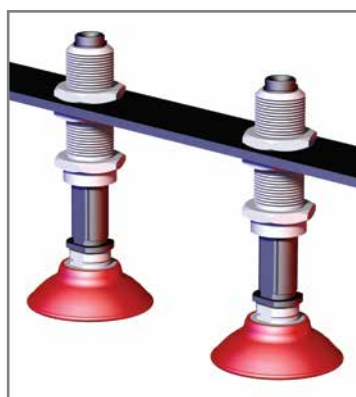
Ports
Vacuum = G1/8" NPS Female
Mounting = G1/8" NPS Male



Micro Series
Level Compensator Mount
CPI-LCM-10-"D"

"D" = (Ø) Diameter
16 (Ø16mm [.63"])
10 (Ø10mm [.39"])

RCM Standard Travel - Bulkhead Style



CPI-RCM-150-U14-NR
Shown with CPI-SAP-30

Imperial Travel

0.75"	CPI-RCM-30
1.50"	CPI-RCM-150-U14-NR
3.00"	CPI-RCM-300-U14-NR

Version	Mount Thread	Vacuum Port
Imperial	3/8" NPT Male	1/4" NPT

SCM Standard Travel - Apple Core Style



CPI-SCM-075-U14-NR
Shown



CPI-SCM-150-U14-NR
Shown

Imperial Travel

0.75"	CPI-SCM-075-U14-NR
1.50"	CPI-SCM-150-U14-NR
3.00"	CPI-SCM-300-U14-NR

Metric Travel

19mm	CPI-SCM-19-G14-NR
40mm	CPI-SCM-40-G14-NR
75mm	CPI-SCM-75-G14-NR

CPI-SCM-(19/075)-(X)-NR

(X)	Mount Thread	Vacuum Port	Version
G14	3/8" G	1/4" G	Metric
U14	3/8" NPT	1/4" NPT	Imperial

CPI-SCM-(40/150 & 75/300)-(X)-NR

(X)	Mount Thread	Vacuum Port	Version
G14	3/8" G	3/8" G	Metric
U14	3/8" NPT	3/8" NPT	Imperial

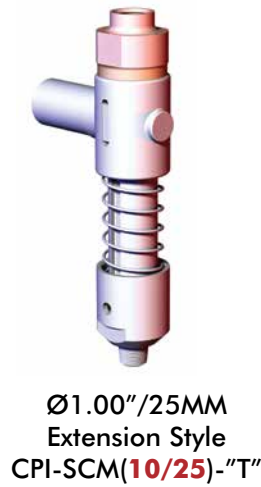
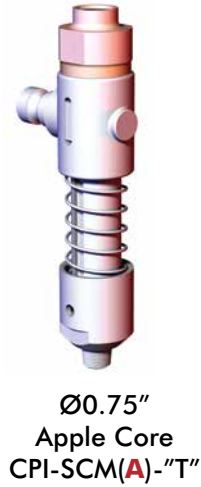
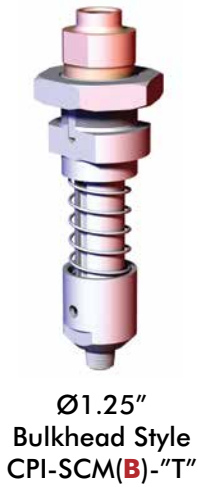


CLICK OR SCAN
QR code for
Spring Cup Mounts

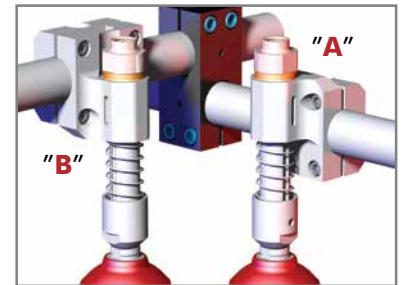
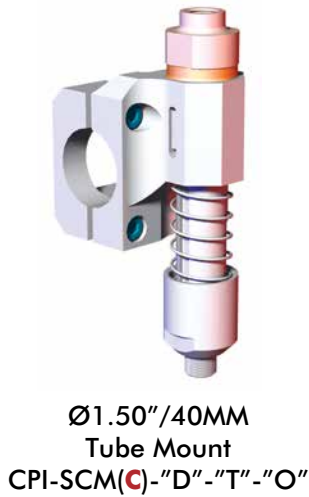
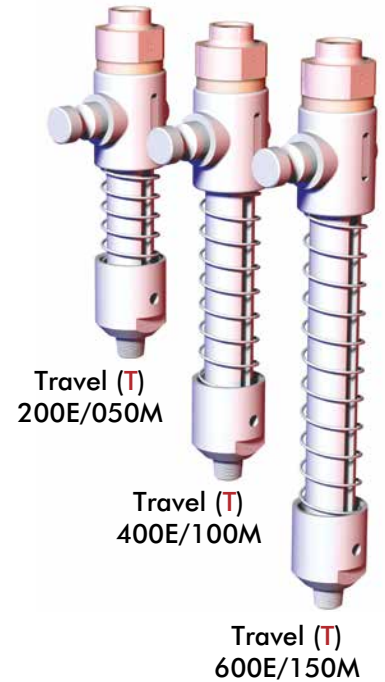
VACUUM PRODUCTS

SCM Series Spring-Load Level Compensator | SAP and DBD Mounts

SCM Spring-Loaded Cup Mounts - Extended Travel



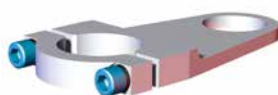
SCM Vertical Travel Length for SCM (A,B,C, S,10/25)



(O)=SCMC Mnt. Orientation
A (Raised Position)
B (Lowered Position)

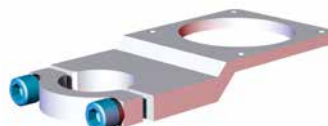
Version	Travel (T)	Mounting/Vacuum	(D)
Imperial	200E (2.00")	3/8" NPT	150 (Ø1.50")
	400E (4.00")	3/8" NPT	150 (Ø1.50")
	600E (6.00")	3/8" NPT	150 (Ø1.50")
Metric	050M (50mm)	3/8" G	40M (Ø40mm)
	100M (100mm)	3/8" G	40M (Ø40mm)
	150M (150mm)	3/8" G	40M (Ø40mm)

SAP Proximity Switch Mounts - for SCM (A,B,C, S,10/25)



30mm Barrel Style

Model	ØD
CPI-SAP-30-PM-150	[1.25] 31.8
CPI-SAP-18-PM-150	[.75] 19



50mm Square Style

Model
CPI-SAP-NI50-PM-150

DBD Quick-Change Mount



Model	ØD
DBD-19-QC-A	19mm
DBD-20-QC-A	20mm

VACUUM PRODUCTS

CLICK OR SCAN
QR code for Double
Blank Detector Mounts



DBD Series Double Blank Detector

DBD Series Double Blank Detector Quick-Change Mount

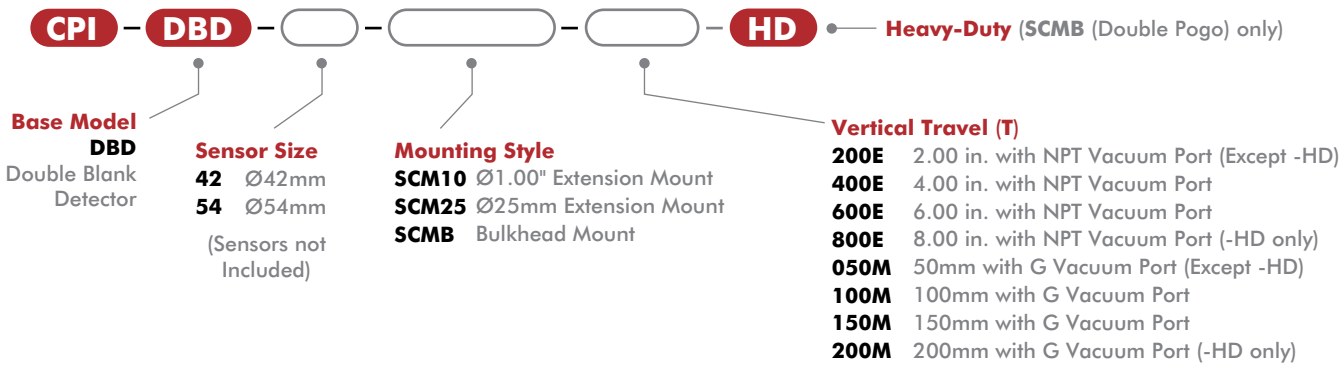
CPI-DBD-(X)-SCMB-(T)
Ø1.25" Thru Hole
Bulkhead Mount



CPI-DBD-(X)-SCM10/25-(T)
Ø1.00"/25mm
Extension Mount



CPI-DBD-(X)-SCMB-(T)-HD
Ø1.00"/25mm Tube Mount
Heavy-Duty (Double Pogo)



CPI-DBD-(X)-(T)-SCMC
Ø1.25"/40mm
Tube Mount



X=Sensor Size
42 Ø42mm
54 Ø54mm
(Sensors not Included)

T=Vertical Travel
200E 2.00 in. with NPT Vacuum Port
400E 4.00 in. with NPT Vacuum Port
600E 6.00 in. with NPT Vacuum Port
050M 50mm with G Vacuum Port
100M 100mm with G Vacuum Port
150M 150mm with G Vacuum Port

CPI-DBD-42-200E-SCMS
Ø45mm
BodyBuilder Mount





CLICK OR SCAN
QR code for
Air Port Manifolds

VACUUM PRODUCTS

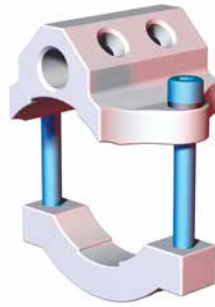
MBC/MLK and GDA/MBB Air Port Manifolds

MBC/MLK Boom Mounted Single 4-Port and 8-Port



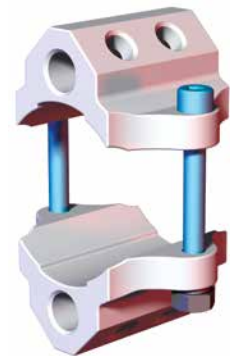
Boom Mounted Single
4-Port - 30° Angled Input Port

Model	T
CPI-MLK-60-G44-30 [CPI-MBC-250-4-4-30]	Ø60mm [Ø2.50"]



Boom Mounted
Single 4-Port

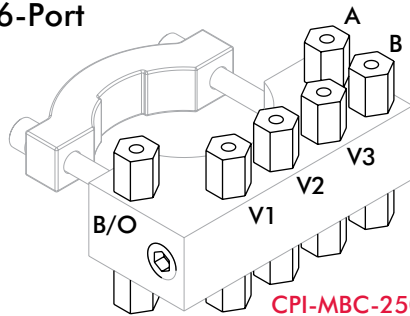
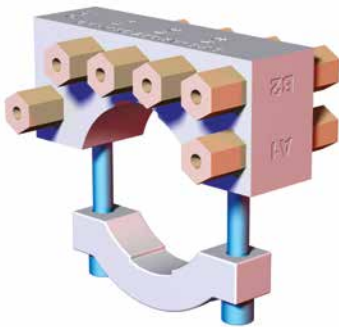
Model	T
CPI-MLK-40-G44 [CPI-MBC-150-4-4]	Ø40mm [Ø1.50"]
CPI-MLK-60-G44 [CPI-MBC-250-4-4]	Ø60mm [Ø2.50"]



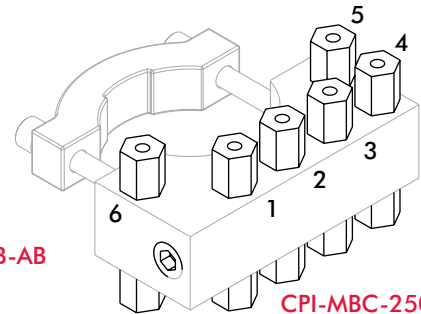
Boom Mounted
Double 8-Port

Model	T
CPI-MLK-40-G88 [CPI-MBC-150-8-8]	Ø40mm [Ø1.50"]
CPI-MLK-60-G88 [CPI-MBC-250-8-8]	Ø60mm [Ø2.50"]

MBC Boom Mounted Single 6-Port



CPI-MBC-250-3V1B-AB



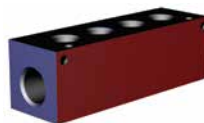
CPI-MBC-250-4V2B

GDA/MBB Block Style for Remote Mounting



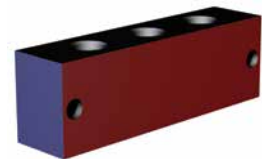
(2) in/(4) Out

Model
CPI-GDA-M24-37327



(1) in/(4) Out

Model
CPI-MMB-4P



(3) in/(6) Out

Model
CPI-MMB-4V2B-LG



(5) in/(7) Out

Model
CPI-MMB-4VSP-AB



(4) in/(5) Out

Model
CPI-MMB-3V1B-AB

BODYBUILDER™ END EFFECTOR SYSTEM



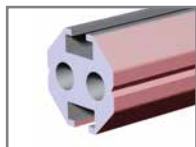
CLICK OR SCAN
QR codes for full catalog
pages on products

Booms | Mid Mount Assembly

Extruded Aluminum Octagonal Booms



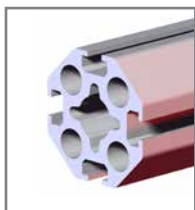
For Boom
Structures and
Accessories



30mm Boom

Model

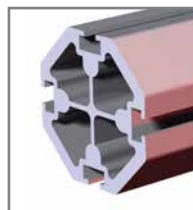
B-30-(L)-0



45mm Boom

Model

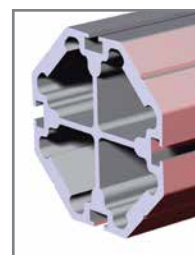
B-45-(L)-0



60mm Boom

Model

B-60-(L)-0



90mm Boom

Model

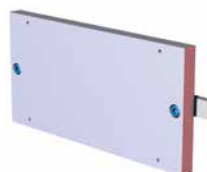
B-90-(L)-0

(L) = Specify Length in 50mm Increments starting from 150mm to 3000mm Ex: B-60-450-0 = 450mm Length



Boom End Caps

Boom	Model
45mm	CPI-EC-45B
60mm	CPI-EC-60B
90mm	CPI-EC-90B



Extrusion

Accessory Mount

Model

CPI-ETP-35

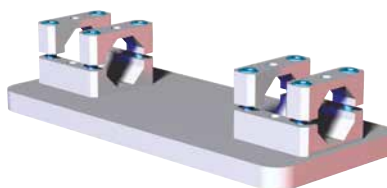
RMM-30B 30mm Mid Mount Assembly



30mm Single
Extrusion Mid Mount
with 40mm Bolt Circle

Model

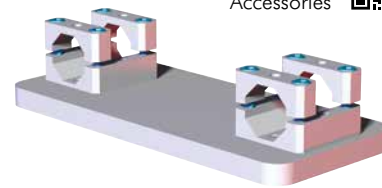
CPI-RMM-30B-40BC-08-90



30mm **Single** Extrusion
Robot Adaptor Mid Mount

Model

CPI-RMM-30B-SE



30mm **Double** Extrusion
Robot Adaptor Mid Mount

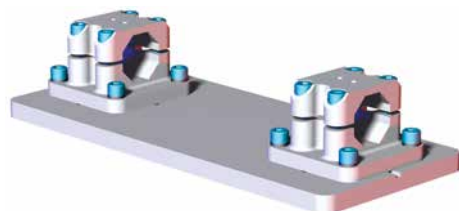
Model

CPI-RMM-30B-DE

For Mid-Mount
Assemblies and
Accessories



BM1 45mm Mid Mount Assembly

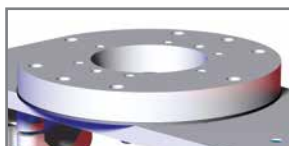


45mm **Single** Extrusion
Robot Adaptor Mid Mount
(Blank Plate)

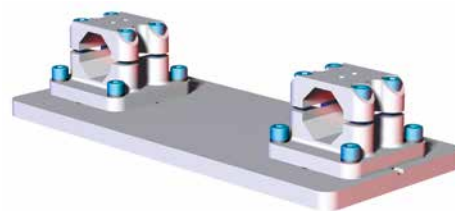
Model

BM1-45-SE

For Standard Robot
Interface Mounting
Patterns, Add -R(xx)
Ex: BM1-45-SE-R01
(See Catalog for Details)



All Ø200mm mounting
patterns includes an
Adaptor Plate.



45mm **Double** Extrusion
Robot Adaptor Mid Mount
(Blank Plate)

Model

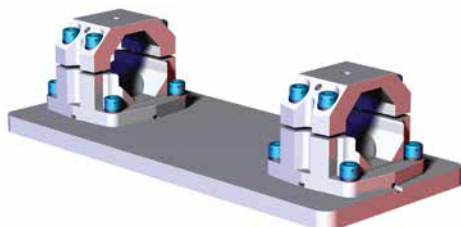
BM1-45-DE

BM1-60 60mm Mid Mount Assembly



ALIGNMENT NUTS
INCLUDED

For Mid-Mount
Assemblies and
Accessories

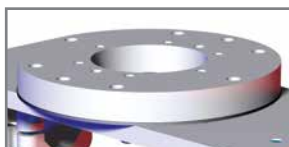


60mm **Single** Extrusion
Robot Adaptor Mid Mount
(Blank Plate)

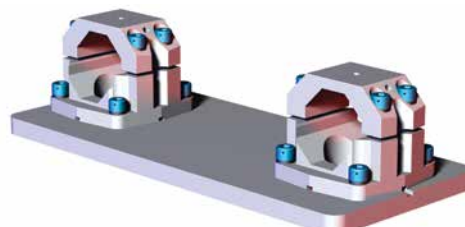
Model

BM1-60-SE

For Standard Robot
Interface Mounting
Patterns, Add -R(xx)
Ex: BM1-60-SE-R01
(See Catalog for Details)



All Ø200mm mounting
patterns includes an
Adaptor Plate.



60mm **Double** Extrusion
Robot Adaptor Mid Mount
(Blank Plate)

Model

BM1-60-DE

RM4/BM3 Heavy Duty Mid Mount Assembly

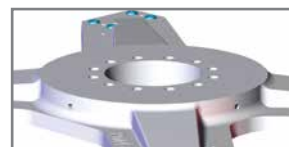


"RM4-45/60"

"BM3-90"

Heavy Duty Mid Mount Assembly

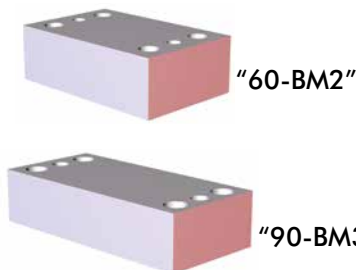
Boom	Model
45mm	RM4-45
60mm	RM4-60
90mm	BM3-90



For Standard Robot Interface Mounting Patterns,
Spacers and Accessory Plate,
Add to end of Model as shown below.
Ex: RM4-60-R01-S-EPM-01 (See pages 72-74 for Details)

Model	-	RXX	-	S	-	A
		Robot Interface Pattern		Spacer (Skip if NONE)		Accessory (e.g. EPM-01) (Leave Blank if NONE)

Risers and Accessory Plates

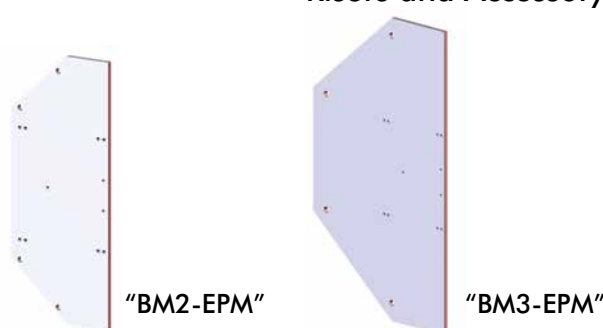


"60-BM2"

"90-BM3"

(S) = 1.00" Riser Spacers for
Heavy Duty Mid Mount Assembly

Riser for	Model
RM4-45/60	TPMS-60-BM2-10R
BM3-90	TPMS-90-BM3-10R



"BM2-EPM"

"BM3-EPM"

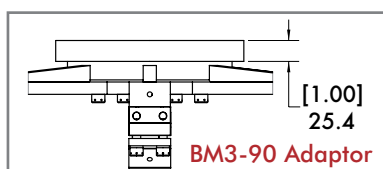
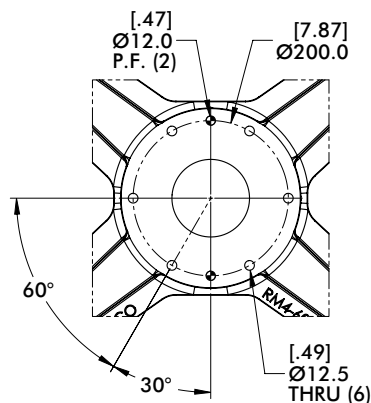
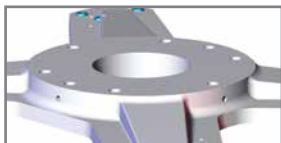
Accessory Plate for Heavy Duty Mid Mount Assembly

(A)	Pattern	Model RM4-45/60	Model BM3-90
EPM-01	Standard	CPI-BM2-EPM-01	CPI-BM3-EPM-01
EPM-BLK	Blank	CPI-BM2-EPM-BLK	CPI-BM3-EPM-BLK

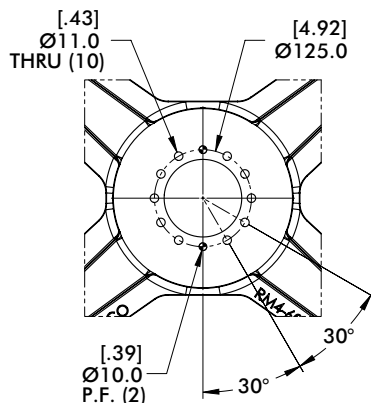
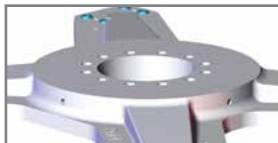


Standard Robot Interfaces

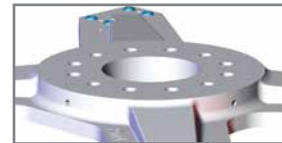
R01 (Ø200mm Bolt Circle)



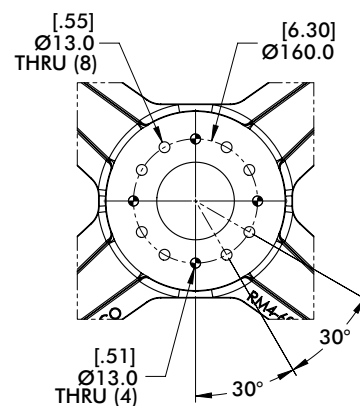
R02 (Ø125mm Bolt Circle)



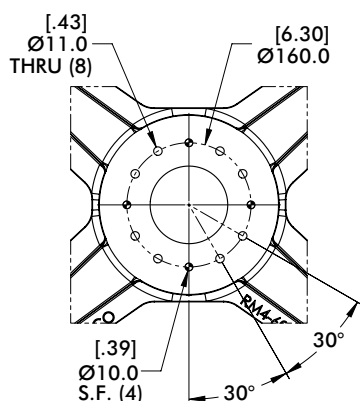
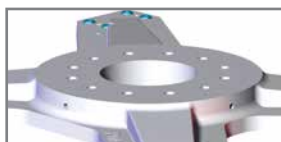
R03 (Ø160mm Bolt Circle)



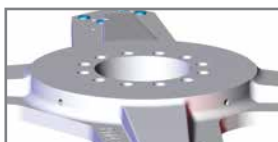
Includes Insulation
Add 1.5mm to Height Dim "A"/"AS"



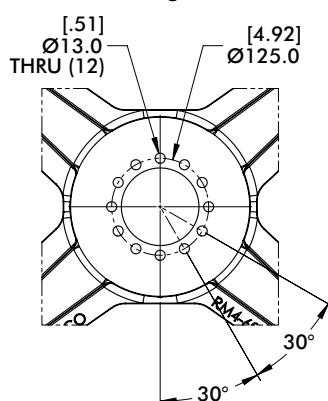
R04 (Ø160mm Bolt Circle)



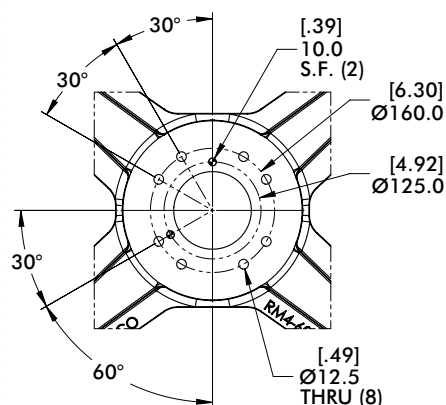
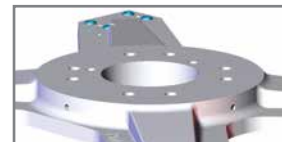
R05 (Ø125mm Bolt Circle)



Includes Insulation
Add 1.5mm to Height Dim "A"/"AS"



R06 (Ø125/160mm Bolt Circle)





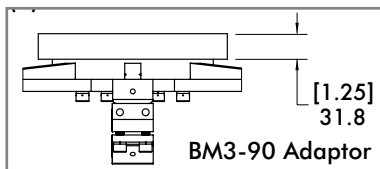
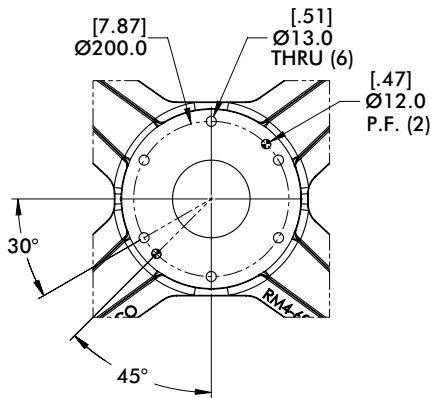
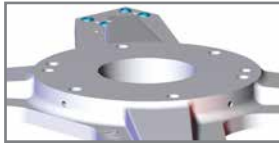
For Mid-Mount
Assemblies and
Components



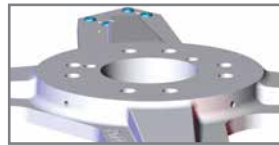
BODYBUILDER™ END EFFECTOR SYSTEM

Standard Robot Interfaces

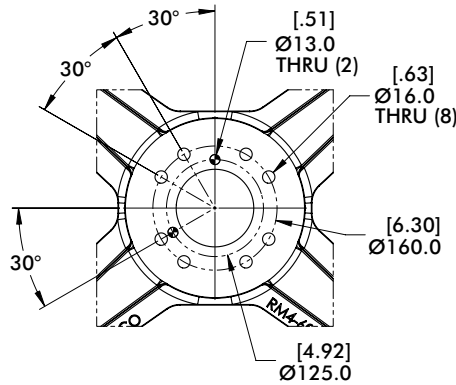
R07 (Ø200mm Bolt Circle)



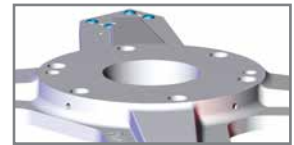
R08 (Ø125/160mm Bolt Circle)



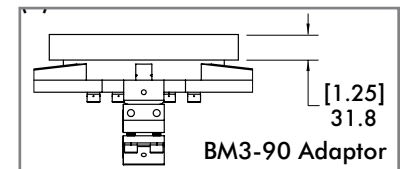
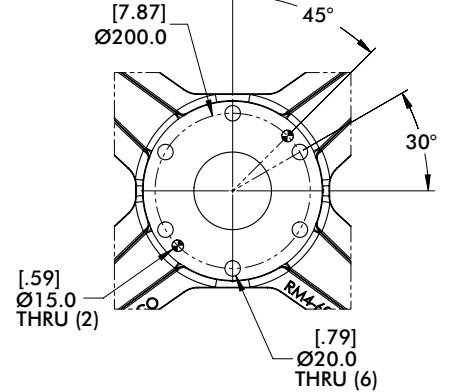
Includes Insulation
Add 1.5mm to Height Dim "A"/"AS"



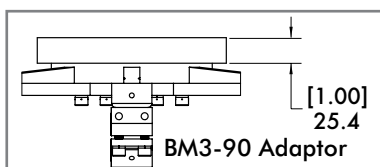
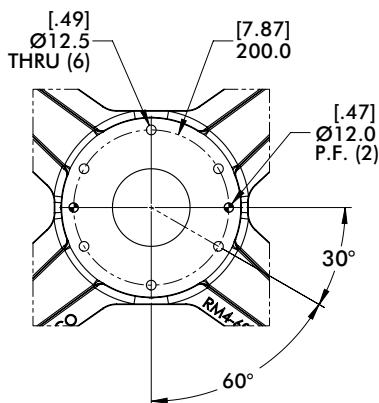
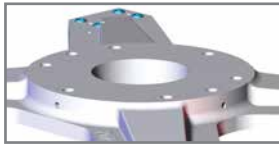
R09 (Ø200mm Bolt Circle)



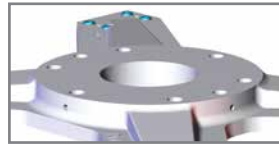
Includes Insulation
Add 1.5mm to Height Dim "A"/"AS"



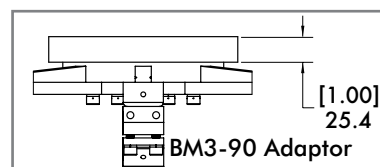
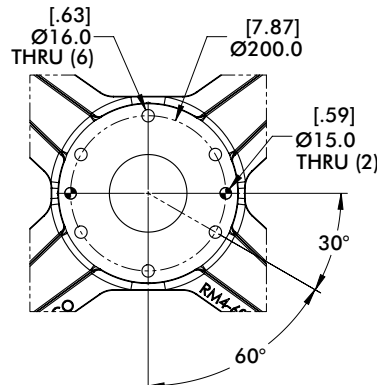
R10 (Ø200mm Bolt Circle)



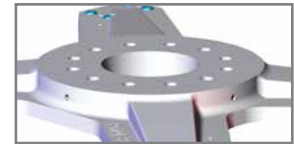
R11 (Ø200mm Bolt Circle)



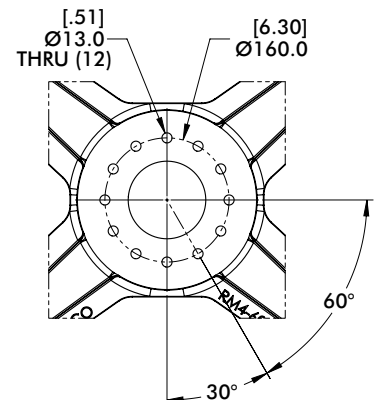
Includes Insulation
Add 1.5mm to Height Dim "A"/"AS"



R12 (Ø160mm Bolt Circle)



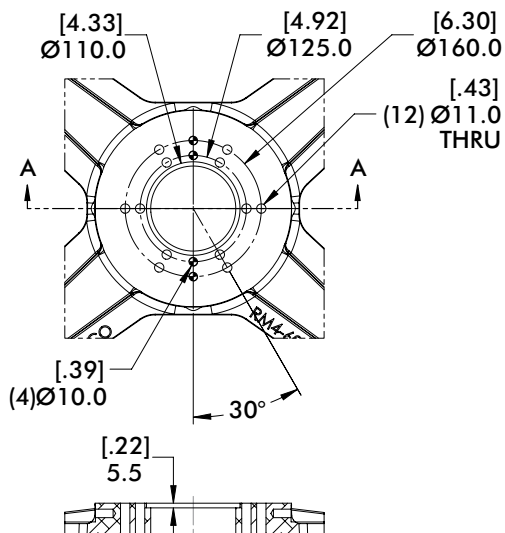
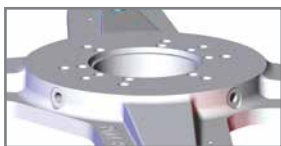
Includes Insulation
Add 1.5mm to Height Dim "A"/"AS"



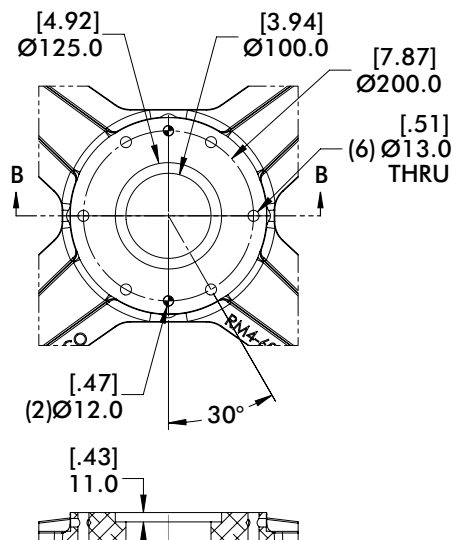
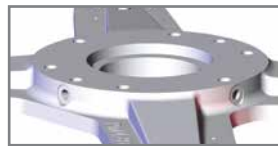


Standard Robot Interfaces

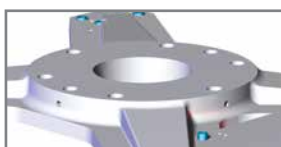
**R13 (Ø125/160mm Bolt Circle)
(Ø110mm Pilot, 5.5mm Deep)**



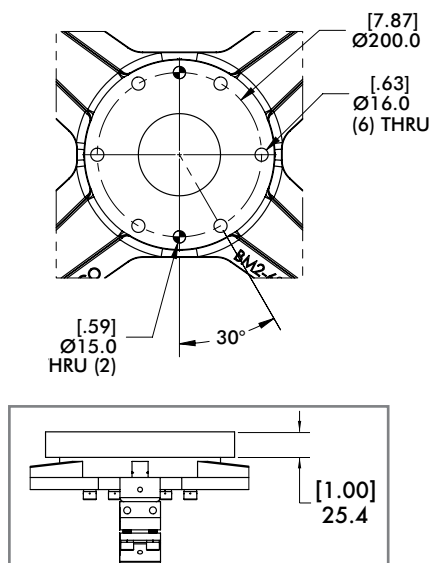
**R14 (Ø200mm Bolt Circle)
(Ø125mm Pilot, 11mm Deep)**



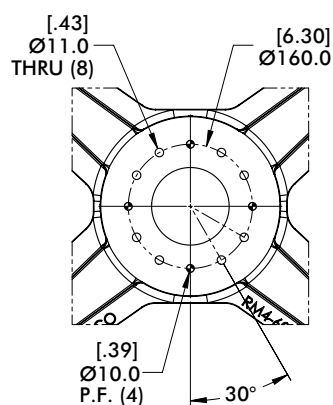
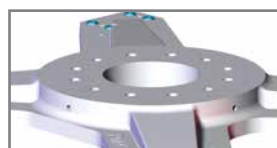
R16 (Ø200mm Bolt Circle)



Includes Insulation
Add 1.5mm to Height Dim "A"/"AS"



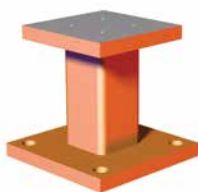
R17 (Ø160mm Bolt Circle)





6" SQ Pedestal Hold Table
(6) M10 on Ø160 Bolt Circle

Model
CPI-HTW-(H)

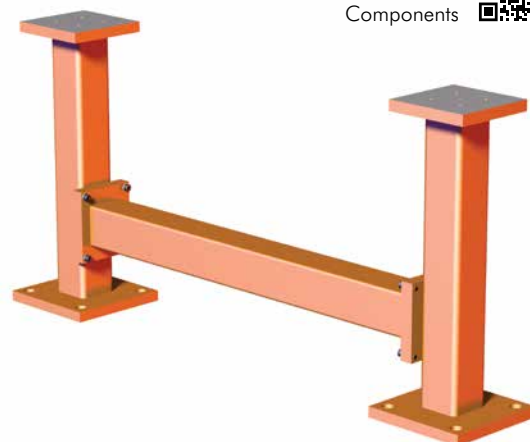


4" SQ Pedestal Hold Table
(4) M10 on 3.125 SQ Pattern

Model
CPI-HTW-(H)-4

Pedestal Hold Table Weldments

For Mid-Mount
Assemblies and
Components



Pass-Thru Hold Table Weldment
(2) 4" SQ Pedestal Hold Tables with Bridge

Center to Center	Model
1200mm [47.24]	CPI-HTW-1200-(H)
1400mm [55.12]	CPI-HTW-1400-(H)

(H) = Specify Height

4" and 6" SQ Pedestal Hold Tables:

From **250** (250mm) to **900** (900mm) in 50mm Increments

Order Example: CPI-HTW-**250** (250mm Height)

1200mm and 1400mm Pass-Thru Hold Table Weldments:

350 (350mm) and from **400** (400mm) up to **900** (900mm) in 100mm Increments

Order Example: CPI-HTW-1200-**350** (350mm Height)

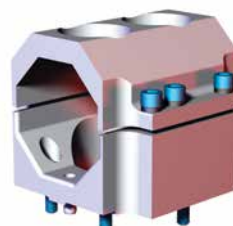
ATI Mid Mount Assemblies



60mm Mid Mount
(6) M10 on Ø125 Bolt Circle

Model
CPI-ATI-151-90HD-60BB

Only SHCS Fasteners included



90mm Mid Mount
(6) M10 on Ø125 Bolt Circle

Model
CPI-ATI-151-90HD-90BB

Fasteners and Dowels Included

ATI End Mount Assemblies



For End Mount
Assemblies and
Quick Disconnects



90mm End Mount
Ø160 Bolt Circle

Model
CPI-CL-90B-160F



ALIGNMENT NUTS
INCLUDED



60mm End Mount
(Used with RDN-25-6 Housing)

Model
CPI-RDCF-60B-00-00-X

Manual Quick Disconnect Housing



(Used with RDCF-60B Bayonet)

Model
CPI-RDN-25-6

BodyBuilder™ Octagonal Tooling

Transition Bracket Assembly



For Transition Brackets
and Octagon to Round
Cross Brackets and Blocks



30mm to 30mm

Model

M-30B-30B-M



45mm to 30mm

Model

M-30B-45B-M



60mm to 30mm

Model

M-30B-60B-M



90mm to 30mm

Model

M-30B-90B-M



45mm to 45mm

Model

M-45B-45B-M



60mm to 45mm

Model

M-45B-60B-M



90mm to 45mm

Model

M-45B-90B-M



60mm to 60mm

Model

M-60B-60B-M



90mm to 60mm

Model

M-60B-90B-M



90mm to 90mm

Model

M-90B-90B-M



Alignment Nut(s)
Included with
all M-Series Cross
Bracket Assemblies

M-Series Octagon to Round Cross Brackets and Blocks



30mm to Ø0.50

Model

CPI-CLM-30B-50-TR



30mm to Ø25mm

Model

M-30B-25M-M



45mm to
Ø25mm or 1.0"

Model

M-45B-25M-M
M-45B-10E-M



60mm to Ø25mm

Model

M-45B-25M-M



60mm to
Ø40mm or 1.5"

Model

M-60B-40M-M
M-60B-15E-M

T-Clamp Bracket Assembly

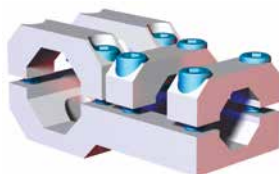
For T-Clamp Bracket
Assemblies and Angular
Boom Transition Brackets



30mm to 30mm

Model

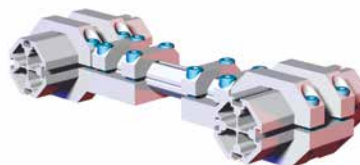
CPI-TCAM-30B-30B-M



45mm to 30mm

Model

CPI-TCA-30B-45B



Can be configured
as a connector between
booms for added stability



60mm to 30mm

Model

CPI-TCA-30B-60B



30mm to 45mm

Model

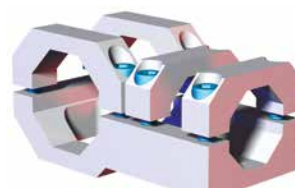
CPI-TCA-45B-30B



45mm to 45mm

Model

CPI-TCA-45B-45B



60mm to 45mm

Model

CPI-TCA-45B-60B



Ø25mm to 45mm

Model

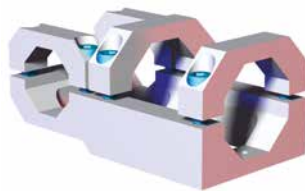
CPI-TCA-45B-25M



30mm to 60mm

Model

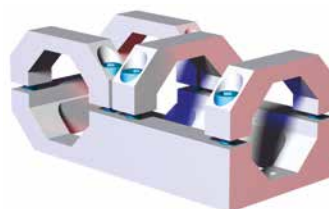
CPI-TCA-60B-30B



45mm to 60mm

Model

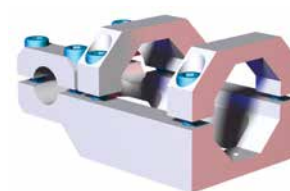
CPI-TCA-60B-45B



60mm to 60mm

Model

CPI-TCA-60B-60B



Ø25mm to 60mm

Model

CPI-TCA-60B-25M



45mm to Ø25mm

Model

CPI-TCA-25M-45B



Can be configured
as a connector between
booms for added stability



60mm to Ø25mm

Model

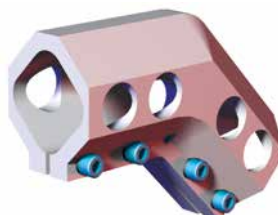
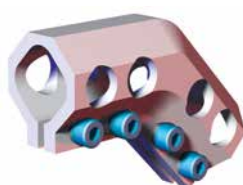
CPI-TCA-25M-60B



Alignment Nut(s)
Included with
all TCA Series ex-
cept TCAM

DC 45° Angular Boom Transition Bracket

45° Angular Boom



Boom	Model
30mm	CPI-DC-3030B-45
45mm	CPI-DC-4545B-45
90mm	CPI-DC-6060B-45

BODYBUILDER™ END EFFECTOR SYSTEM



CLICK OR SCAN
QR codes for full catalog
pages on products

Mid, Parallel and End Mounts

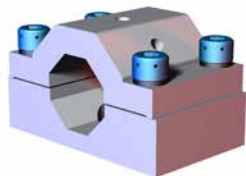
Accessory Mounts



For Accessory Mounts
and Mid/End Flanges



Alignment Nut(s) Included
with all Accessory Mounts



30mm Accessory Mount

Model
TPM-30



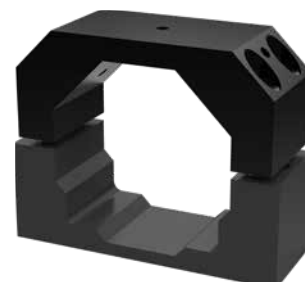
45mm Accessory Mount

Material	Model
Aluminum	TPM-45
Steel	TPMS-45



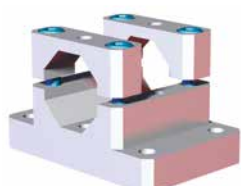
60mm Accessory Mount

Model
TPMS-60



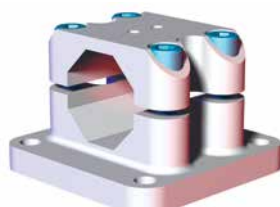
90mm Accessory Mount

Model
TPMS-90



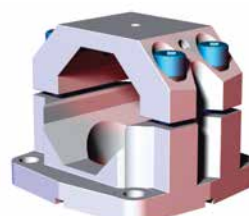
30mm Mid Flange

Model
CPI-CLM-30B-152F-90



45mm Mid Flange

Model
TBC-45-00



60mm Mid Flange

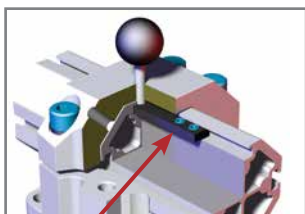
Model
TBC-60-00

Cross Key
Sold Separately:
(2) x 540-25388



Alignment Nut(s)
Included with
all Flange Mounts
except CLM Series

Alignment Pin
Model: 505311

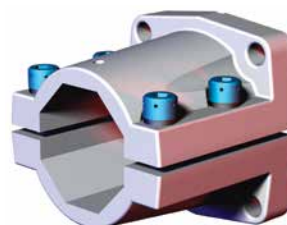


Alignment Nut
Model: 505264



30mm End Flange

Model
CPI-CLM-30B-20F



60mm End Flange

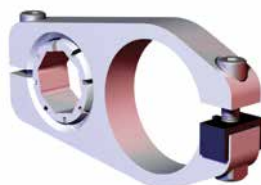
Model
BECC-60-00

Cross Key
Sold Separately:
(2) x 540-25388

Parallel and Rear End Gripper Mounts for 150 Series Grippers

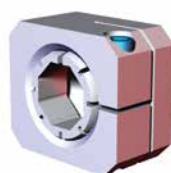


For Parallel and Rear
End Gripper Mounts



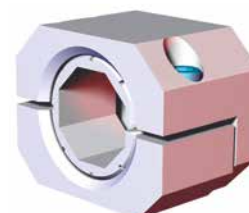
30mm Parallel Mount

Model
CPI-GPC-150-30BBS-DC



30mm End Mount

Model
CPI-RJM-150-30BBS

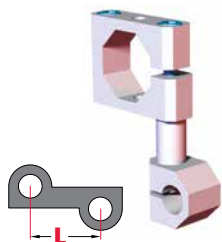


45mm End Mount

Model
CPI-RJM-150-45BBS

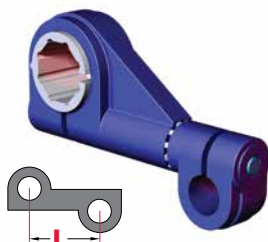
Swivel Arms Mounts

For Apple Core
and Ball Swivel
Arm Mounts



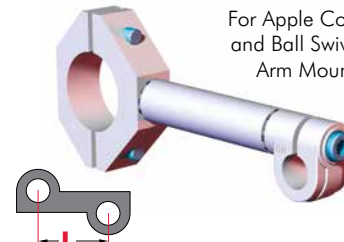
30mm for Ø.50" Apple Core

Model	(L)
CPI-200-30B50-MSA	[2.05] 52.1
CPI-300-30B50-MSA	[3.04] 77.2
CPI-400-30B50-MSA	[4.02] 102.1
CPI-500-30B50-MSA	[5.01] 127.3
CPI-600-30B50-MSA	[5.79] 147.1



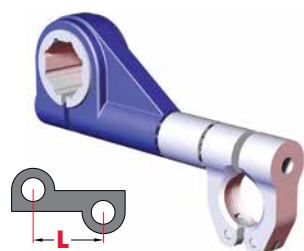
30mm for Ø.75" Apple Core

Model	(L)
CPI-400-30-SA	[3.74] 95.1
CPI-500-30-SA	[4.96] 126.0
CPI-600-30-SA	[5.75] 146.0
CPI-700-30-SA	[6.51] 165.4
CPI-800-30-SA	[8.09] 205.5



45mm for Ø.75" Apple Core

Model	(L)
CPI-130-45B-CSA	[4.68] 118.8
CPI-180-45B-CSA	[6.66] 169.1
CPI-230-45B-CSA	[8.63] 219.1
CPI-280-45B-CSA	[10.60] 269.2

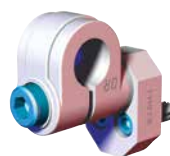


30mm for Swivel Ball Mounts

Model	(L)
CPI-400-30-SA-B112	[3.74] 95.0
CPI-500-30-SA-B112	[4.96] 126.0
CPI-600-30-SA-B112	[5.74] 145.8
CPI-700-30-SA-B112	[6.51] 165.4
CPI-800-30-SA-B112	[8.09] 205.5

Swivel Arm Accessories

For Swivel
Arm Accessories



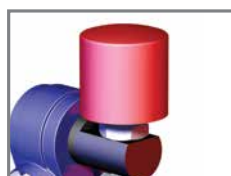
Swivel End Mount

Model
BC-19



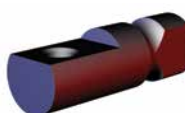
Part Present Switch Mount

Model
CPI-AB-750-SL



Nest Bumper Mount

Model
240208-M



Nest Bumper Mount

Model
CPI-SAP-BM10



Rough Locator

Model
CPI-NPG-15RL-400

SPIDERGRIP END EFFECTOR SYSTEM



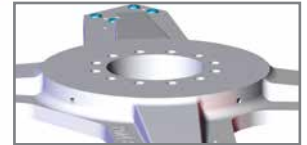
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pages on products

Spidergrip Geometric Tooling Components

Heavy-Duty Mid-Mounts



For Heavy-Duty
Mid-Mounts



RM4-ST5

RXX

A

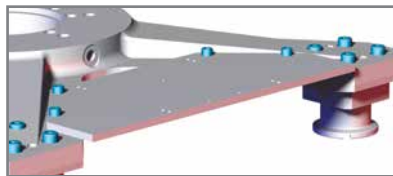
**Robot
Interface
Pattern**

**Accessory
(e.g. EPM-01)
(Leave Blank
if NONE)**

For Standard Robot
Interface Mounting
Patterns & Accessory Plate,
Add to end of Model
as shown here in red.

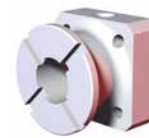
Ex: RM4-60-R01-EPM-01

(See Pages 72-74 Bodybuilder
Section for mounting patterns)



Accessory Plate for Heavy Duty Mid Mount

(A)	Pattern	Model
EPM-01	Standard	CPI-BM2-EPM-01
EPM-BLK	Blank	CPI-BM2-EPM-BLK



Mid Mount Anchor
40 x 40mm M.P. 50mm Offset

Model
STS0013-BM2

Anchors, Collar and Key Assemblies, and Tether Assemblies

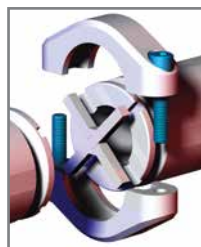
For Anchors, Collar and
Key Assemblies, and
Tether Assemblies



Base Anchor
Engineered Breakaway
80 x 40mm M.P.
50mm Face Offset

Model

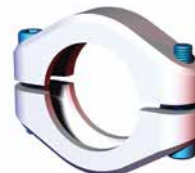
STS0016-NA-2P



Key & Collar Assembly

Model

STCCLR-X-NA



Collar Assembly

Model

STCCLR2-NA



X-Kex Assembly

Model

STCXKEY-NA



HD Anchor Mount
(3) Hole, Ø190mm M.P.
50mm Face Offset

Model

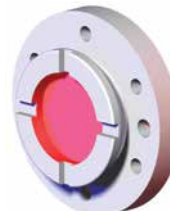
STP0001-NA



25mm Anchor Mount
(6) Hole, Ø70mm M.P.
25mm Face Offset

Model

STS0025-NA



25mm Anchor Mount
Engineered Breakaway
(6) Hole, Ø70mm M.P.
25mm Face Offset

Model

STS0025-NA-BA-1500



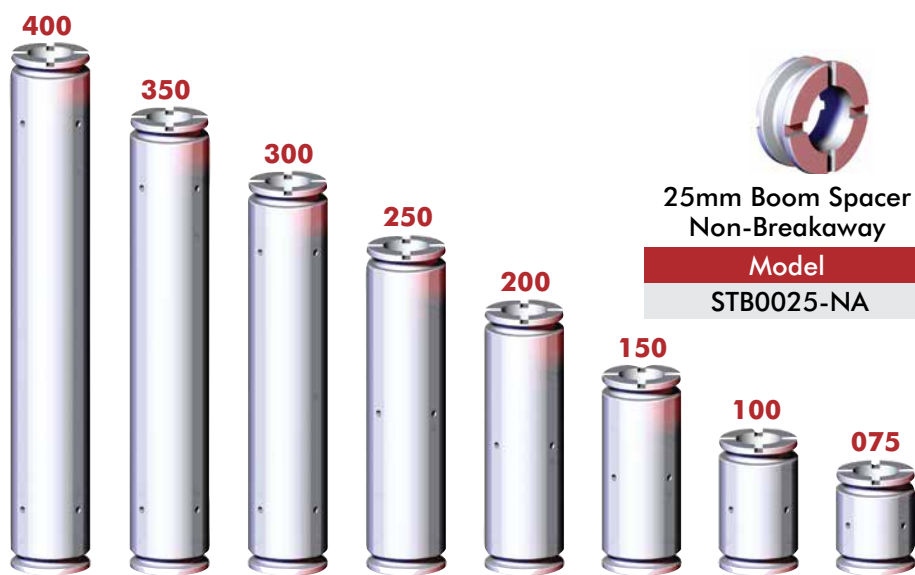
Tether Assembly

Length	Model
9.00"	STS-TETHER-09
16.00"	STS-TETHER-16

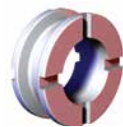


SPIDERGRIP END EFFECTOR SYSTEM

Spidergrip Geometric Tooling Components



"L" = length (± 0.02) in [mm] Ex: STB0200-NA = 200mm Length



25mm Boom Spacer
Non-Breakaway

Model

STB0025-NA



25mm Boom Spacer
Engineered Breakaway

Model

STB0025-NA-800



Ø60mm Boom

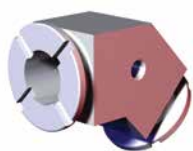
Model

STB0(L)-NA

For Booms,
Adaptors, and
Spacers



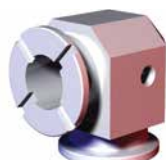
Junction Components



2-Face 45° Corner

Model

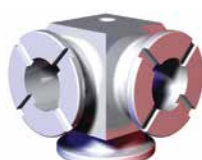
STN0C45-NA



2-Face 90° Corner

Model

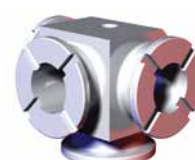
STN0C90-NA



3-Face 90° Corner

Model

STN0C3F-NA

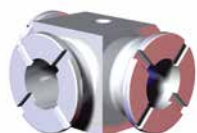


4-Face 90° Corner

Model

STN0C4F-NA

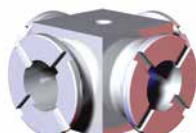
For Junction
Components



3-Face Transition

Model

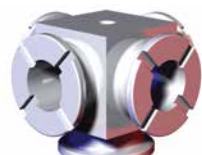
STN0T3F-NA



4-Face Transition

Model

STN0T4F-NA



5-Face Transition

Model

STN0T5F-NA

Single End Extension



For Single
End Extension



Offset

100mm

200mm

Model

STV0100-NA

STV0200-NA



90° Mount with
15mm Center Offset

Model

STS0010-NA
STS0010-NA-2P



90° Mount with
Center Offset

Offset

25mm

50mm

Model

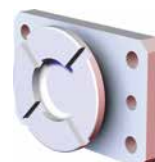
STS0011-NA-2P
STS0012-NA-2P



Offset Mount with
25mm Face Offset

Model

STS0014-NA-2P



Inline Mount with
80 x 40mm M.P.
25mm Face Offset

Model

STS0015-NA-2P



Inline Mount with
80 x 40mm M.P.
50mm Face Offset

Model

STS0019-NA-2P

For Edge
Components

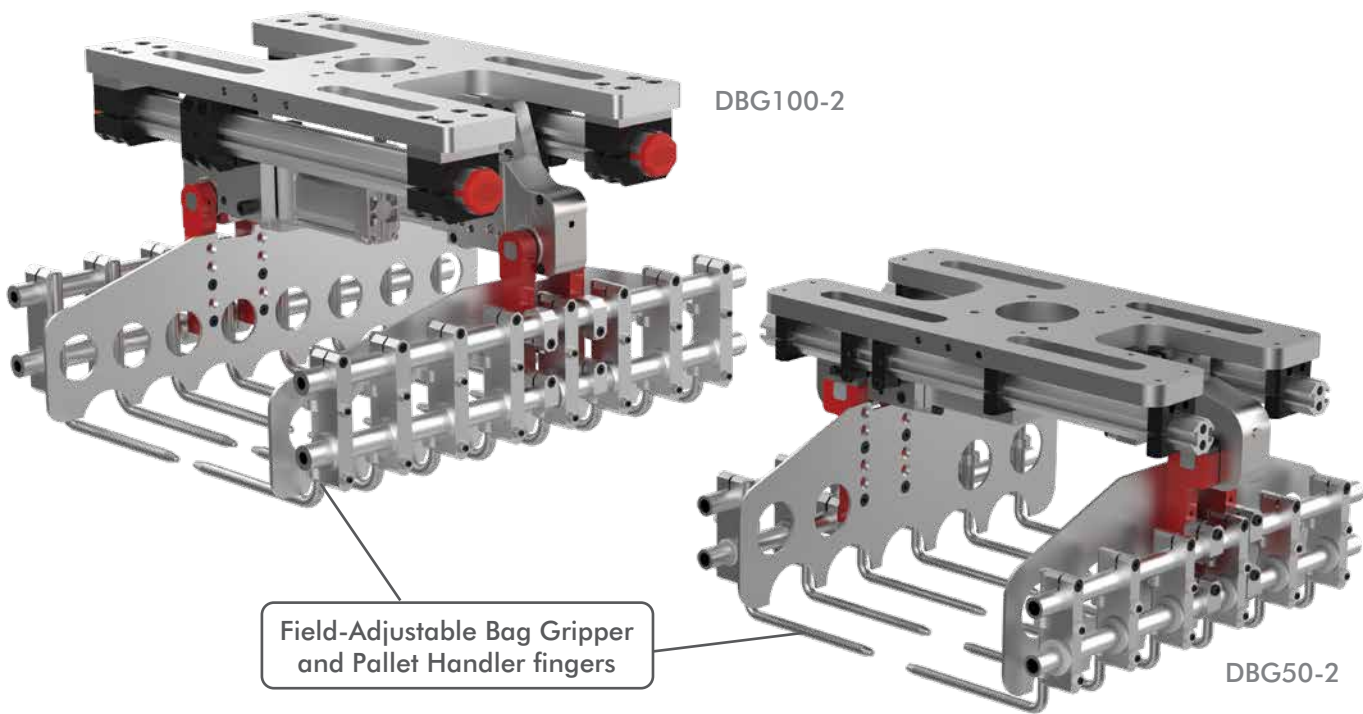


Edge Components

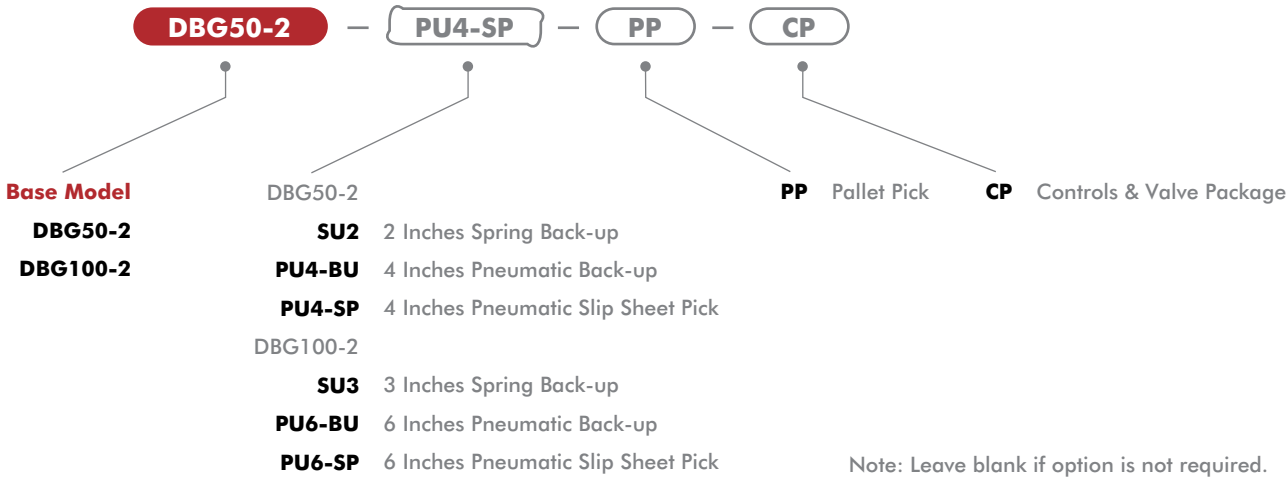
BAG GRIPPER

DBG Series Bag Gripper

CLICK OR SCAN
QR code for
Bag Grippers



DBG Series Bag Grippers		
Specifications	DBG50-2	DBG100-2
Unit Weight:	17kg [38 lbs]	43kg [95 lbs]
Maximum Payload:	23Kg [50 lbs]	45Kg [100 lbs]
Maximum Bag Size:	432 x 711 x 122mm [17 x 28 x 5 in]	610 x 1016 x 170mm [24 x 40 x 6.7 in]



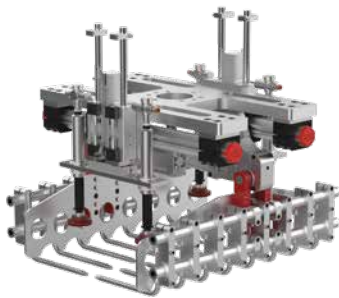


CLICK OR SCAN
QR code for
Bag Grippers

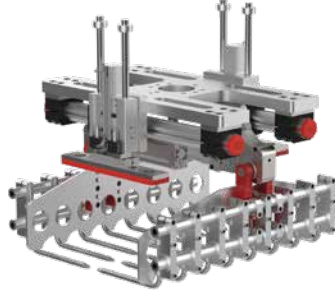
BAG GRIPPER

DBG Series Bag Gripper

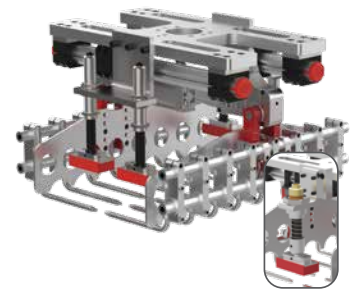
PU(x)-SP Pneumatic Slip
Sheet Pick Option



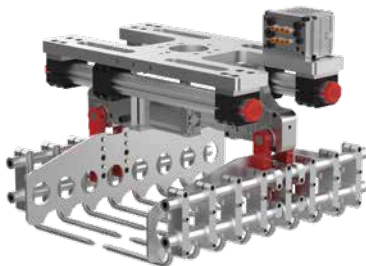
PU(x)-BU Pneumatic
Back-Up Option



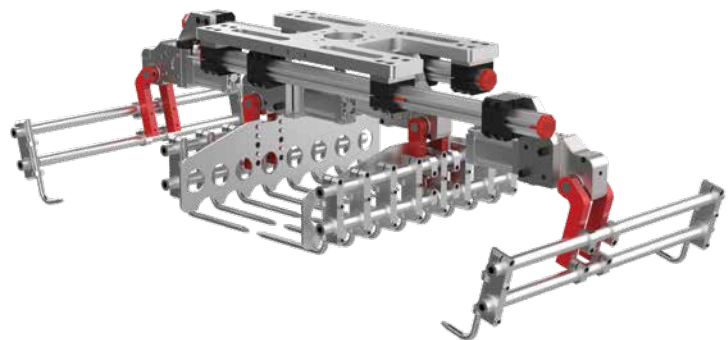
SU(x) Spring
Back-Up Option



CP Controls Option



PP Pallet Pick Option



For Robot Stand-off
Adaptors

ROBOT STAND-OFF ADAPTORS



Model Number

DBG50-2-S04-100BC-KIT

DBG50-2-S06-100BC-KIT



Model Number

DBG50-2-S04-125BC-KIT

DBG50-2-S06-125BC-KIT



Model Number

DBG50-2-S04-200BC-KIT

DBG50-2-S06-200BC-KIT



Model Number

DBG100-2-S04-125BC-KIT

DBG100-2-S06-125BC-KIT



Model Number

DBG100-2-S04-160BC-KIT

DBG100-2-S06-160BC-KIT



Model Number

DBG100-2-S04-200BC-KIT

DBG100-2-S06-200BC-KIT

DIE STORAGE BLOCKS, BASES AND ROLLERS

Die Components

DESTACO has developed special urethane compounds that have been incorporated into die storage blocks that were previously made using all steel construction. The use of DESTACO Urethane Die Storage Blocks greatly reduces scratching and damage to parts and die surfaces. Our Storage Blocks can mount directly to the die or, as an option, use our steel, double-hinge, swing-away bases.



Ball Bearing Cushion Rollers

DESTACO Rollers are designed to meet the high performance needs of the industrial market. Available in cushion design where maximum protection from shock loads is required and noise, scratch and dent free service is a necessity. Rollers are made of oil and cut resistant neoprene and nitrile material, molded in four color coded durometers and are offered with or without stud mounting. DESTACO rollers protect your products!



Standard
Roller



Roller with
Stud Mount

DIE STORAGE BLOCKS, BASES AND ROLLERS

Die Components

Die Storage Blocks

Model Number	T	Load Measured [T]
CPI-50-400-20M	M20-2.5	4.5 [5.0]
CPI-55-450-A	5/8-11	6.8 [7.5]
CPI-65-350-20M	M20-2.5	4.5 [5.0]
CPI-65-450-20M		
CPI-65-450-A	5/8-11	6.8 [7.5]
CPI-M-1443	M16-2	Data Not Available
CPI-M-1444		

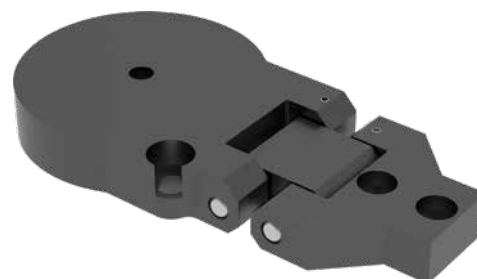


For Die Storage
Blocks and Base



Die Storage Base

Model Number	Thread
CPI-65-450-BASE-DH	5/8-11
CPI-65-450-BASE-DH-20M	M20-2.5



Ball Bearing Cushion Rollers

For Ball Bearing
Cushion Rollers



with Stud Mount

Model Number	Durometer	Color	Material Hardness
CA-250-15	15	Tan	Soft
CA-250-30	30	Green	↑
CA-250-45	45	Red	↓
CA-250-60	60	Black	Hard

Model Number	Durometer	Color	Material Hardness
CPI-CA-250-15	15		
CPI-CA-250-15-ME	15	Tan	Soft
CPI-CA-250-15-NB	15		↑
CPI-CA-250-30	30	Green	
CPI-CA-250-45	45	Red	↓
CPI-CA-250-60	60	Black	Hard

DIE STORAGE BLOCKS, BASES AND ROLLERS

Notes

[illegible]

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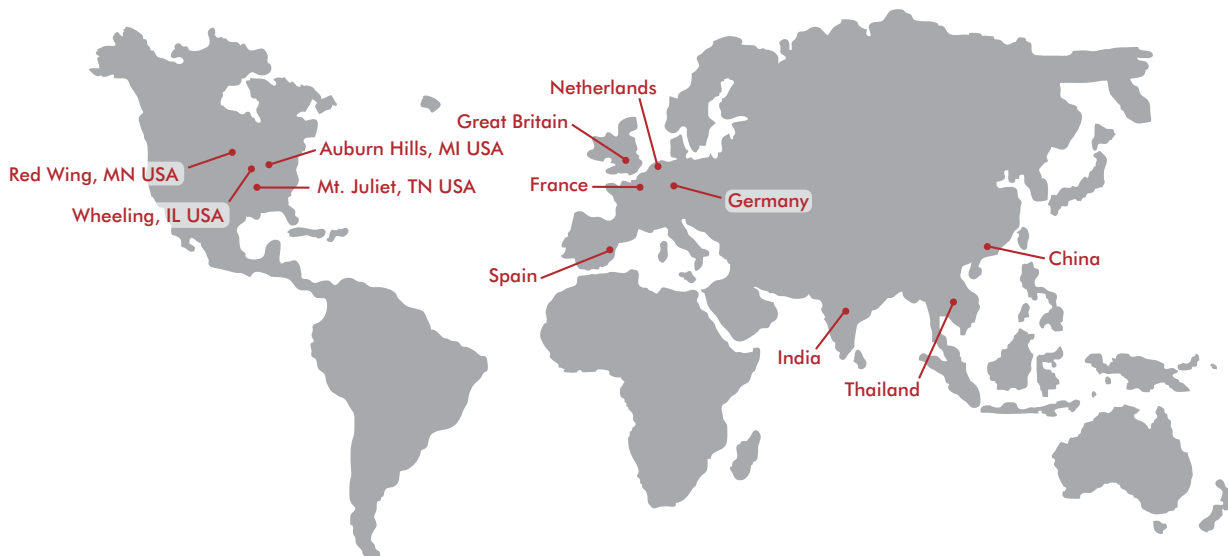
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END EFFECTORS | End-of-Arm Tooling | Vacuum Products | March 2020 VISUAL SELECTION GUIDE

