



Robotiq Product List

Version 1.7 – September 15, 2015

- Product images are for illustrative purposes only.

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Revisions

Version 1.7 - September 2015

<u>Modifications</u>	<u>Previous</u>	<u>New</u>
Addition of 2-Finger 140 Adaptive Gripper and its accessories	-	-
Addition of FTS-150-CPL-111	-	-

Version 1.6 - June 2015

<u>Modifications</u>	<u>Previous</u>	<u>New</u>
Removal of the 2-Finger 200 Adaptive Gripper	-	-
Addition of Gripper/Sensor packages	-	-
Addition of Coupling and Adapter plates for all products	-	-

Version 1.5 - November 2014

<u>Modifications</u>	<u>Previous</u>	<u>New</u>
Updated version of the 2-Finger 85 Adaptive Gripper	Previous Revision	Complete update of the design
Update for all accessories		
Product name updates	2-Finger Adaptive Gripper – 85 2-Finger Adaptive Gripper – 200 FT150 Sensor	2-Finger 85 Adaptive Gripper 2-Finger 200 Adaptive Gripper FT 150 Force Torque Sensor

Version 1.4 - September 2014

<u>Modifications</u>	<u>Previous</u>	<u>New</u>
Addition of a new product line (FT 150 Sensor). See pp. 28-29.	-	-
Removal of 2-Finger Gripper - 85 controller	AGC-CTR-001-XXXX	UNI-CTR-001-XXXX
Removal of 2-Finger Gripper - 85 communication cable	CBL-COM-2053-XX	CBL-COM-2063-XX
Addition of AGB-APL-074, AGS-CPL-104, AGS-APL-167, AGS-APL-168	-	-

Version 1.3 - May 2014

<u>Modifications</u>	<u>Previous</u>	<u>New</u>
Price update for all products	-	-
Product addition	-	UR and Baxter kit, etc.
Product withdrawal	-	-
Layout modifications	-	-
Discontinuation of 2-Finger Gripper - 85 controller	AGC-CTR-001-XXXX	UNI-CTR-001-XXXX
Discontinuation of 2-Finger Gripper- 85 communication cable	CBL-COM-2053-XX	CBL-COM-2063-XX

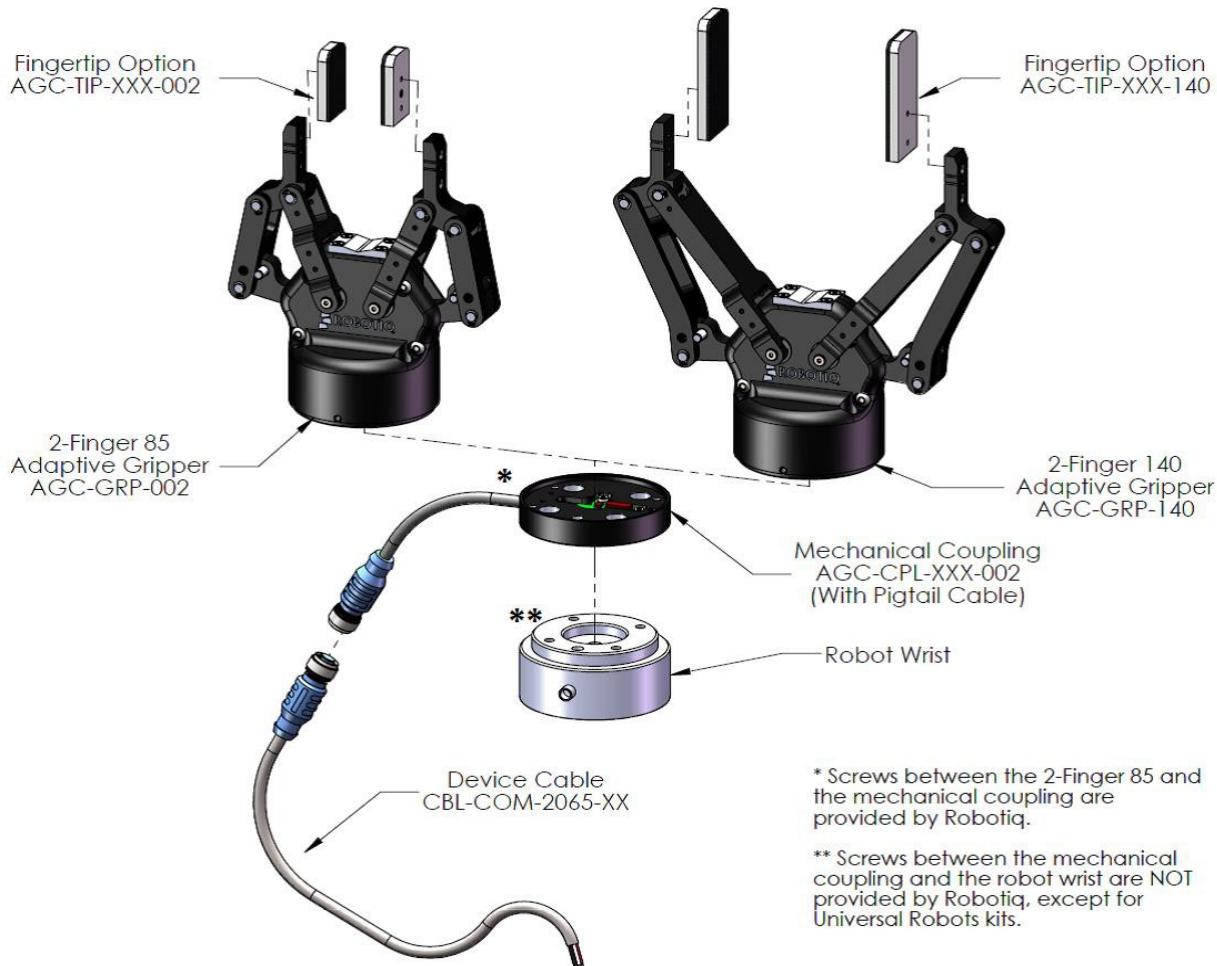
Version 1.2 - July 2013

<u>Modifications</u>	<u>Previous</u>	<u>New</u>
Vocabulary used to describe mechanical interface	Faceplate	Coupling
Mechanical connection number: example	AGS-FPL-060	AGS-CPL-060
Cable number: example	CBL-COM-2053	CBL-COM-2053-10
2-Finger Gripper - 200 controller number	AGB-CTR-001-XXXX	UNI-CTR-001-XXXX
Minor price updates on accessories	-	-

Version 1.1 - February 2013

Initial version

2-Finger Adaptive Gripper



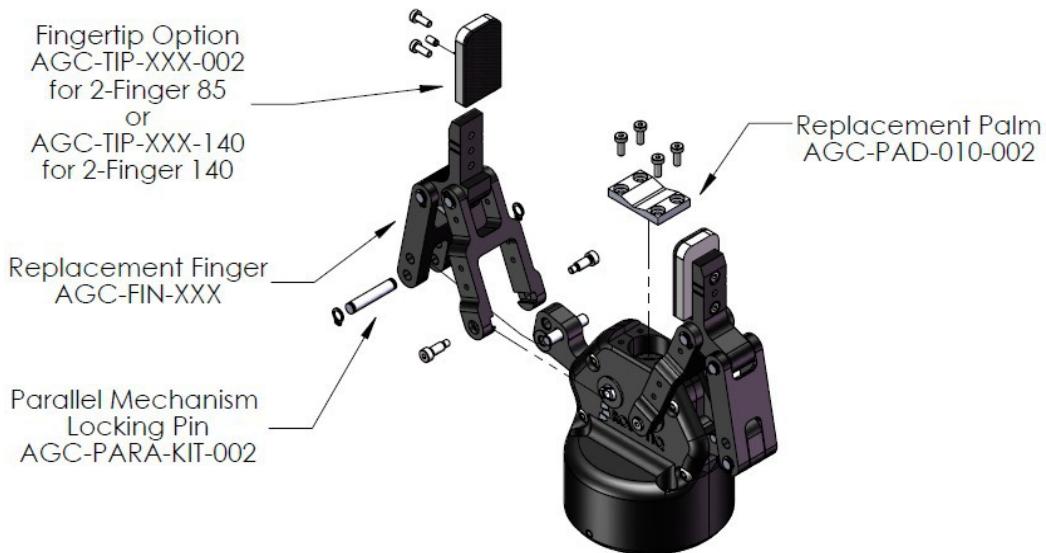
2 Options depending on your set up

 Adapter ACC-ADT-USB-RS485	OR	 Universal Controller UNI-CTR-001-XXXX
<p>USB to RS485 converter used for Universal Robots and PC</p> <p>Refer to the Robot Compatibility Chart to determine which communication option suits your robot controller.</p>		<p>Enable fieldbus communication between 2-Finger 85 and robot controller. Available options: Ethernet IP, CANopen, DeviceNet, etc.</p> <p>Refer to the Robot Compatibility Chart to determine which communication option suits your robot controller.</p> <p>Power supply and associated cable, communication cable and fuse are not supplied by Robotiq.</p> <p>Requires CBL-COM-2067-XX</p>

Images are for illustrative purposes only

2-Finger Adaptive Gripper

Spare Parts and Options



Robot Compatibility Chart

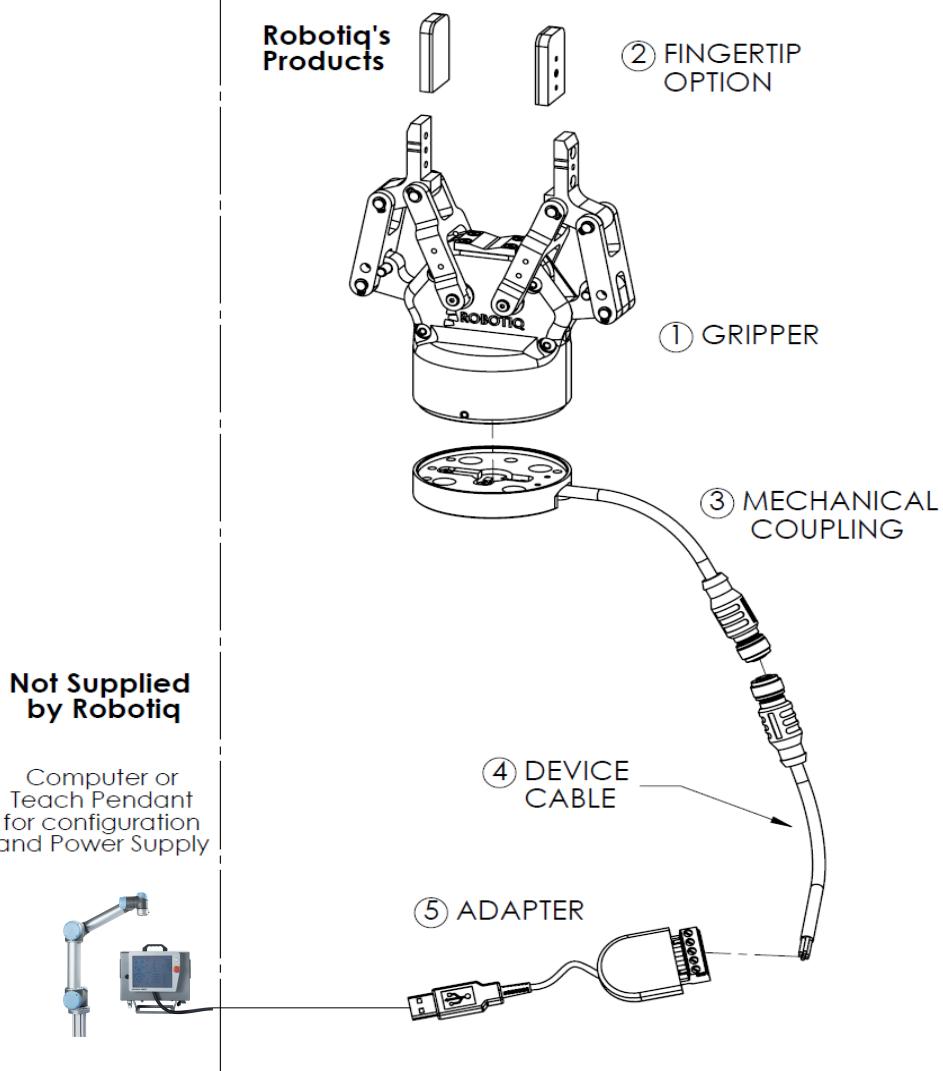
		Requires	
Robot Brand / Platform	Robot Controller	Adapter	Universal Controller*
Universal Robots	CB1	NOT COMPATIBLE	
	CB2	ACC-ADT-USB-RS485	
	CB3	ACC-ADT-USB-RS485	
Most Other Brands	-	-	X

This is not an exhaustive list. Please contact your Robotiq vendor to get more information.

* Select your Universal Controller communication protocol option (Ethernet/IP, DeviceNet, etc.).

2-Finger Adaptive Gripper

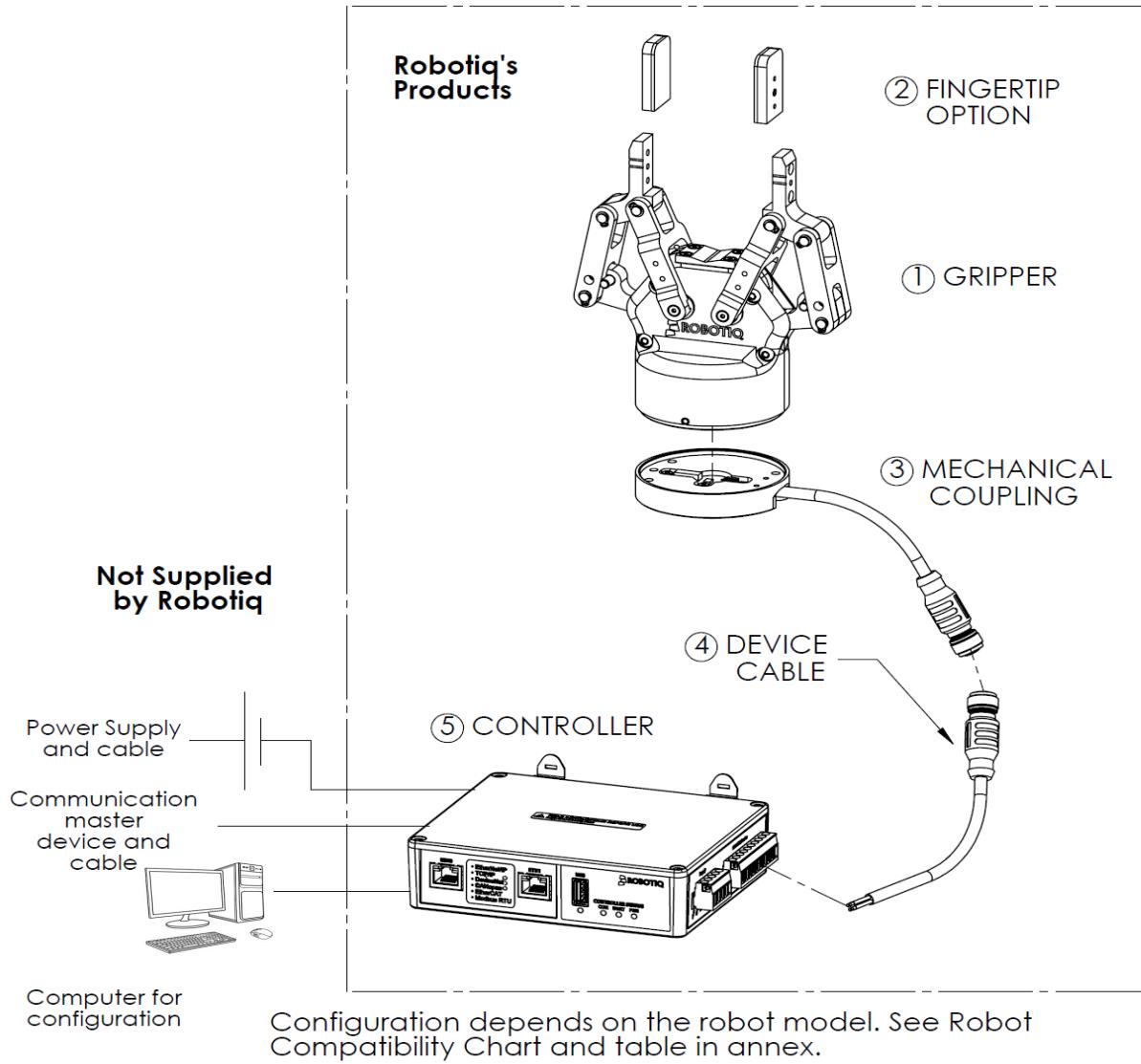
How to Order For Universal Robots


AGC-UR-KIT-002 or AGC-UR-KIT-140 INCLUDE ALL THE LISTED ITEMS BELOW

Number in the figure	Item	Description
1	1 x AGC-GRP-XXX	2-Finger 85 or 140 Adaptive Gripper basic unit
2	2 x AGC-TIP-204-002 or 2 x AGC-TIP-221-140	Silicone Fingertips
3	1 x AGC-CPL-062-002	Mechanical Coupling (fits UR bolt pattern)
4	1 x CBL-COM-2065-10	Device Cable (10 m)
5	1 x ACC-ADT-USB-RS485	USB to RS485 Adapter
6	1 x ACC-SCREW-KIT	All necessary screws for UR-3-5-10 mounting

2-Finger Adaptive Gripper

How to Order For Industrial Robots



Number in the figure	Item	Description
1	1 x AGC-GRP-XXX	2-Finger Adaptive Gripper
2	2 x AGC-TIP-204-002 or 2 x AGC-TIP-221-140	Silicone Fingertips
3	1 x AGC-CPL-061-002 (or other)	Blank Mechanical Coupling*
4	1 x CBL-COM-2067-XX	Device Cable (5 or 10m)
5	1 x UNI-CTR-001-ENIP	Universal Controller (Ethernet/IP)

* The Blank Mechanical Coupling must be machined to fit your robot. Other pre-drilled couplings are available.

2-Finger Adaptive Gripper			
Image	Item		Description
Gripper			
	2F-85	2F-140	
AGC-GRP-002	AGC-GRP-140		<p>2-Finger Adaptive Gripper Basic Unit *Fingertips and Mechanical Coupling not included</p>
Controller			
 	UNI-CTR-001-XXXX		<p>External Controller for 2-Finger Adaptive Grippers Included: - 1 x Controller - 1 x USB Cable for Configuration - 1 x Controller Supply Connector - 1 x Communication Connector (if DeviceNet)</p> <p>Replace XXXX by one of the following communication protocol options (example: UNI-CTR-001-ECAT):</p> <ul style="list-style-type: none"> ENIP - Ethernet/IP MTCP - Modbus TCP ECAT - EtherCAT DNET - DeviceNet CANO - CANopen PNET - Profinet PBUS - Profibus
Kits			
	2F-85	2F-140	<p>2-Finger Adaptive Gripper kit for Universal Robots Included:</p> <ul style="list-style-type: none"> - 1 x Basic Gripper Unit - 2 x Flat Silicone Fingertips - 1 x End Effector Coupling for Bolt Pattern ISO 9409-1-50-4-M6 (with 1 m Pigtail Cable) - 1 x 10 m Robotiq Device Cable - 1 x USB to RS485 Adapter - 1 x Screw Kit for Fixing End Effector Coupling on UR Robots - 1 x USB Stick <p>Software package available at support.robotiq.com</p>
AGC-UR-KIT-002	AGC-UR-KIT-140		

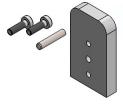
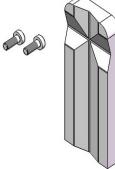
	AGC-FTS-UR-KIT AGC-FTS-UR-KIT-140	<p>2-Finger Adaptive Gripper and FT 150 Force Torque Sensor kit for Universal Robots</p> <p>Included:</p> <p>Gripper Parts</p> <ul style="list-style-type: none"> - 1 x Basic Gripper Unit - 2 x Flat Silicone Fingertips - 1 x End Effector Coupling for Bolt Pattern ISO 9409-1-56-6-M4 (with 1 m Pigtail Cable) - 1 x 10 m Robotiq Device Cable - 1 x USB to RS485 Adapter - 1 x Screw Kit for FT 150 Sensor - 1 x USB Hub Splitter <p>Sensor Parts</p> <ul style="list-style-type: none"> - 1 x FT 150 Force Torque Sensor - 1 x 10m FT 150 Device cable - 1 x USB to RS485 Adapter - 1 x Mechanical Coupling for Universal Robots (FTS-150-CPL-103) - 1 x USB Stick <p>Software package available at support.robotiq.com</p> <p>Does not include the coupling to fix the gripper directly onto the robot wrist.</p>
	AGC-DEMO-KIT-002	<p>2-Finger 85 Adaptive Gripper demo kit for Distributors</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Basic Gripper Unit - 2 x Flat Silicone Fingertips - 1 x End Effector Coupling for Bolt Pattern ISO 9409-1-50-4-M6 (with 1 m Pigtail Cable) - 1 x 5 m Robotiq Device Cable - 1 x USB to RS485 Adapter - 1 x Screw Kit for Fixing End Effector Coupling on UR Robots - 1 x USB Stick with Software Packages - 2 x Parallel Mechanism Locking Pins - 1 x Power Supply - 1 x Joystick - 1 x Wrist Podium - 1 x Carrying Case <p>Not Intended for Resale (For Distributors Only)</p>
End Effector Mechanical Couplings		
	AGC-CPL-061-002	<p>End Effector Blank Coupling for 2-Finger Adaptive Gripper</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x Screws (M5-0.8 x 35 mm SHCS) - 4 x Lock Washers (M5) - 1 x Pigtail Device Cable (CBL-COM-2066-01) - 1 x Cable Clamp - 2 x Screws (M3-0.5 x 5 mm LHCS)
	AGC-CPL-062-002	<p>End Effector Coupling for 2-Finger Adaptive Gripper</p> <p>For Bolt Pattern ISO 9409-1-50-4-M6</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x Screws (M5-0.8 x 35 mm SHCS) - 4 x Lock Washers (M5) - 1 x Pigtail Device Cable (CBL-COM-2066-01) - 1 x Cable Clamp - 2 x Screws (M3-0.5 x 5 mm LHCS) <p>Used for robots:</p> <ul style="list-style-type: none"> - Universal Robots (UR5 and UR10) - Kuka LWR 4+ - Kuka KR 16 - Kuka IIWA - Mabi MR-S10

	AGC-CPL-063-002	<p>End Effector Coupling for 2-Finger Adaptive Gripper For Bolt Pattern ISO 9409-1-31.5-4-M5</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x Screws (M5-0.8 x 35 mm SHCS) - 4 x Lock Washers (M5) - 1 x Pigtail Device Cable (CBL-COM-2066-01) - 1 x Cable Clamp - 2 x Screws (M3-0.5 x 5 mm LHCS) <p>Used for robots:</p> <ul style="list-style-type: none"> - ABB IRB 120 - Adept Viper S650 - Denso VS-050 - Denso VS-060 - Fanuc LR Mate 200iB/C/D - Mitsubishi RV-3S - Motoman DIA10 - Motoman HP3J - Motoman MHS
	AGC-CPL-064-002	<p>End Effector Coupling for 2-Finger Adaptive Gripper For Bolt Pattern ISO 9409-1-40-4-M6</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x Screws (M5-0.8 x 35 mm SHCS) - 4 x Lock Washers (M5) - 1 x Pigtail Device Cable (CBL-COM-2066-01) - 1 x Cable Clamp - 2 x Screws (M3-0.5 x 5 mm LHCS) <p>Used for robots:</p> <ul style="list-style-type: none"> - ABB IRB 140 - ABB IRB 1600 6kg - Fanuc M-6iB - Kuka KR6 - Motoman HP6 - Motoman HP20D
	AGC-CPL-065-002	<p>End Effector Coupling for 2-Finger Adaptive Gripper for For Bolt Pattern 56-8-M4</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x Screws (M5-0.8 x 35 mm SHCS) - 4 x Lock Washers (M5) - 1 x Pigtail Device Cable (CBL-COM-2066-01) - 1 x Cable Clamp - 2 x Screws (M3-0.5 x 5 mm LHCS) <p>Used for robots:</p> <ul style="list-style-type: none"> - Fanuc M-10iA - Fanuc M20iA/10L - Motoman MA1440

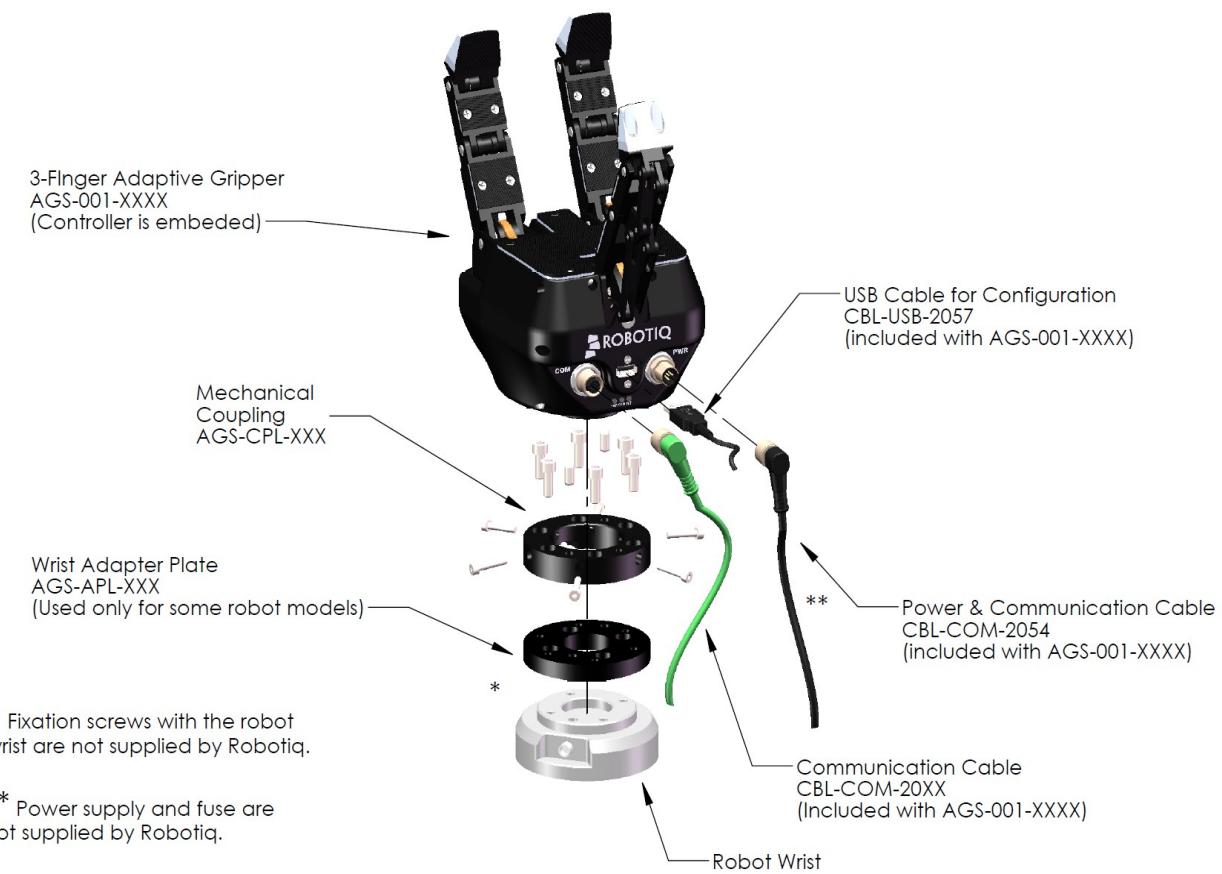
	AGC-CPL-066-002	<p>End Effector Coupling for 2-Finger Adaptive Gripper For Bolt Pattern 56-6-M4</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x Screws (M5-0.8 x 35 mm SHCS) - 4 x Lock Washers (M5) - 1 x Pigtail Device Cable (CBL-COM-2066-01) - 1 x Cable Clamp - 2 x Screws (M3-0.5 x 5 mm LHCS) <p>Used for robots:</p> <ul style="list-style-type: none"> - Motoman MA1400
	AGC-CPL-067-002	<p>End Effector Coupling for 2-Finger Adaptive Gripper For Bolt Pattern 60-4Ø5-1D5</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x Screws (M5-0.8 x 35 mm SHCS) - 4 x Lock Washers (M5) - 1 x Pigtail Device Cable (CBL-COM-2066-01) - 1 x Cable Clamp - 4 x Screws (M3-0.5 x 5 mm LHCS) <p>Used for robots:</p> <ul style="list-style-type: none"> - Denso HS Series
	AGC-CPL-068-002	<p>End Effector Coupling for 2-Finger Adaptive Gripper For Bolt Pattern 63-6M6-2D6</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x Screws (M5-0.8 x 35 mm SHCS) - 4 x Lock Washers (M5) - 1 x Pigtail Device Cable (CBL-COM-2066-01) - 1 x Cable Clamp - 4 x Screws (M3-0.5 x 5 mm LHCS) <p>Used for robots:</p> <ul style="list-style-type: none"> - Motoman SDA5D - Motoman SIA5D
	AGC-CPL-070-002	<p>End Effector Coupling for 2-Finger Adaptive Gripper For Bolt Pattern 40-4M5-1D3</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x Screws (M5-0.8 x 35 mm SHCS) - 4 x Lock Washers (M5) - 1 x Pigtail Device Cable (CBL-COM-2066-01) - 1 x Cable Clamp - 4 x Screws (M3-0.5 x 5 mm LHCS) <p>Used for robots:</p> <ul style="list-style-type: none"> - ATI QC-11 TOOL SIDE

Wrist Adapter Plates		
	AGC-APL-151-002	<p>Wrist Adapter Plate For Bolt Pattern 63-4M6-71-2D3 Included: - 1 x Wrist Adapter Plate - 4 x M6-1.0 x 10 mm - Low Head Cap Screws - 1 x M6 x 12 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Wacoh WEF-6A200-R-RG24 (requires AGC-CPL-064-002)</p>
	AGC-APL-152-002	<p>Wrist Adapter Plate For Bolt Pattern 63-4M6-71_4-2D6 Included: - 1 x Wrist Adapter Plate - 4 x M6-1.0 x 10 mm - Low Head Cap Screws - 1 x M6 x 12 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Motoman SDA10D - Motoman SIA10D / SIA10F (requires AGC-CPL-064-002)</p>
	AGC-APL-153-002	<p>Wrist Adapter Plate For Bolt Pattern 80-6M8-2D8 Included: - 1 x Wrist Adapter Plate - 4 x M6-1.0 x 10 mm - Low Head Cap Screws - 1 x M6 x 12 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Motoman SIA20D (requires AGC-CPL-064-002)</p>
Cables		
	CBL-COM-2065-05	<p>5 m Robotiq Device Cable for 2-Finger Adaptive Gripper Straight M12 5-pin female on one side, single ended on the other side. Shielded.</p>
	CBL-COM-2065-10	<p>10 m Robotiq Device Cable for 2-Finger Adaptive Gripper Straight M12 5-pin female on one side, single ended on the other side. Shielded.</p>
	CBL-COM-2066-01	<p>1 m Replacement Robotiq Pigtail Device Cable for 2-Finger Adaptive Gripper Straight M12 5-pin male on one side, Electrical Connection PCB on the other side. Shielded. Also includes mounting screws for fixing PCB on Mechanical Coupling.</p>

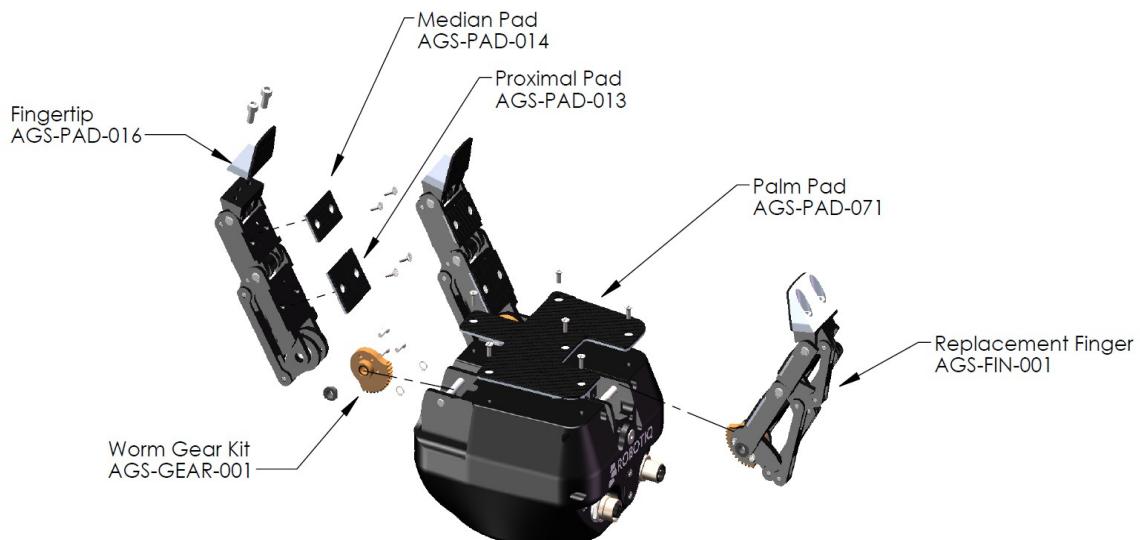
	CBL-COM-2067-05	5 m Robotiq Device Cable for Universal Controller - Straight M12 5-pin female connector - Combicon 10-pin connector
	CBL-COM-2067-10	10 m Robotiq Device Cable for Universal Controller - Straight M12 5-pin female connector - Combicon 10-pin connector
	ACC-ADT-USB-RS485	USB to RS485 Adapter
	ACC-USB-2-HUB	USB 2.0 Hub Splitter 2 ports

Spare Parts and Options			
	2F-85	2F-140	
	AGC-TIP-203-002	AGC-TIP-225-140	<p>Blank Aluminum Fingertip for 2-Finger Adaptive Gripper Included: - 1 x Fingertip - 1 x Dowel Pin (dia. 3 x 10 mm) - 2 x Screws (M3-0.5 x 8 mm LHCS)</p> <p>Note: Two (2) Fingertips are required per Gripper.</p>
	AGC-TIP-204-002	AGC-TIP-220-140	<p>Flat Silicone Fingertip for 2-Finger Adaptive Gripper Included: - 1 x Fingertip - 1 x Dowel Pin (dia. 3 x 10 mm)* - 2 x Screws (M3-0.5 x 8 mm LHCS)</p> <p>Note: Two (2) fingertips are required per Gripper. *: The Dowel pin is not included for the 140 mm stroke version</p>
	AGC-TIP-205-002	AGC-TIP-221-140	<p>Grooved fingertip for 2-Finger Adaptive Gripper. Meant to pick cylindrical objects. Pad is 65 mm long x 27 mm wide, aluminium 6061-T6. Included : - 1 x Fingertip - 1 x Dowel Pin (dia. 3 x 10 mm) - 2 x Screws (M3-0.5 x 8 mm LHCS)</p> <p>Note : Two (2) fingertips are required per Gripper.</p>
	AGC-FIN-002	AGC-FIN-140	<p>Replacement Finger for 2-Finger Adaptive Gripper Included: - 1 x Replacement Finger - 2 x Replacement Screws (shoulder screw 4 mm x 8 mm) - 3 x Replacement Snap Rings (external 5 mm)</p>
	AGC-FIN-KIT-002	AGC-FIN-KIT-140	<p>2 fingers upgrade kit for 2-Finger Gripper. Included : - 2 x Replacement fingers (with Silicone Fingertips) - 2 x Finger Shafts - 4 x Replacement Screws (shoulder screw 4 mm x 8 mm) - 4 x Replacement Snap Rings (external 5 mm) - 1 x 2mm Allen Key</p>
	AGC-PAD-010-002		<p>Replacement Palm Pad for 2-Finger Adaptive Gripper Included: - 1 x Palm Pad - 4 x Screws (M3-0.5 x 8 mm LHCS)</p>
	AGC-PARA-KIT-002		<p>Parallel Mechanism Locking Pin for 2-Finger Adaptive Gripper Included: - 1 x Locking Pin - 3 x Snap Rings (external 5 mm)</p> <p>Note: Two (2) Locking Pins are required per Gripper.</p>

3-Finger Adaptive Gripper



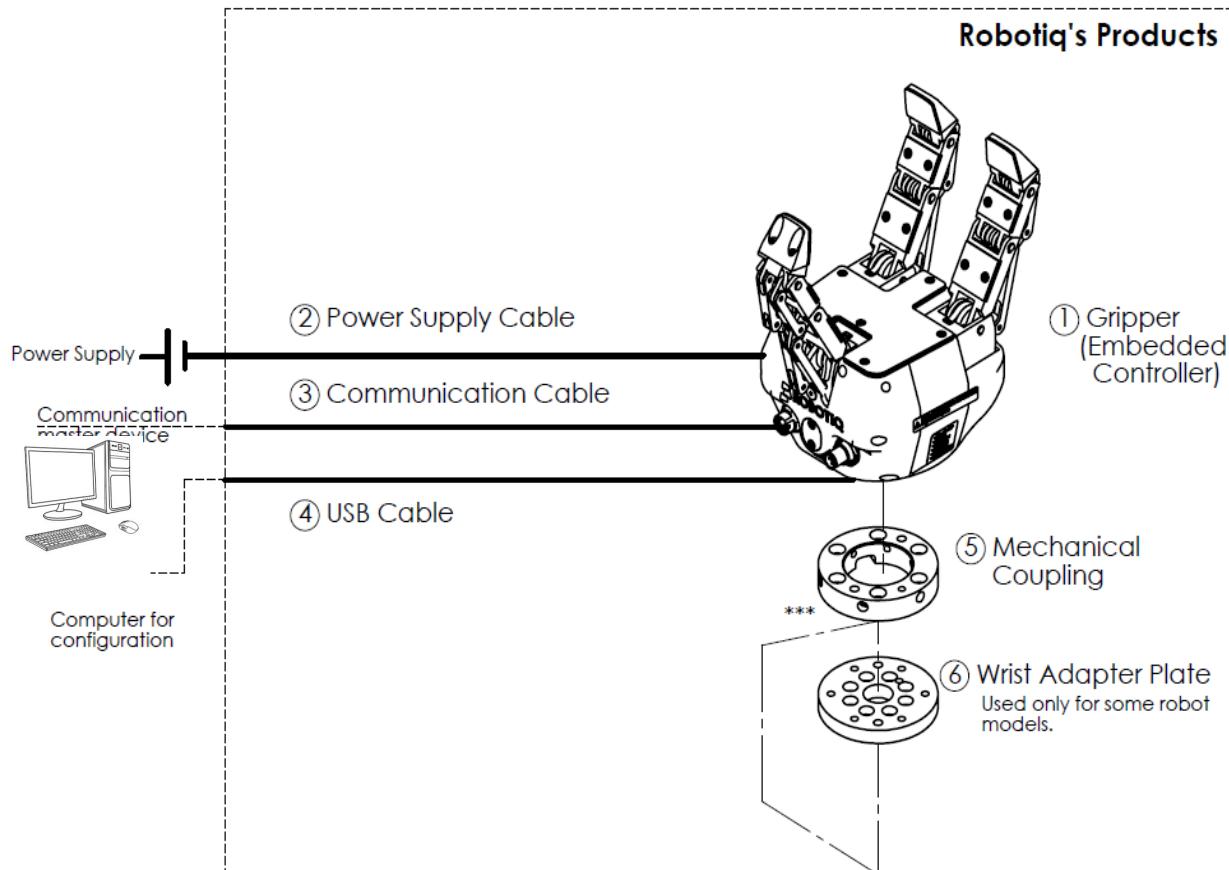
Spare parts and options



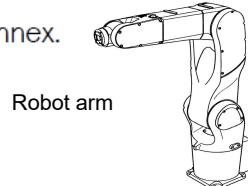
Images are for illustrative purposes only

3-Finger Adaptive Gripper

How to Order



***Configuration depends on the robot model. See the table in annex.



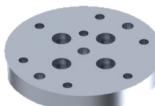
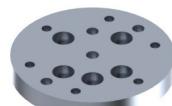
Here is an example of what should be ordered for the 3-Finger Adaptive Gripper – (example for Kuka LWR with EtherCAT):

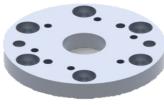
Number in the figure	Item	Description
1 - 2 - 3 - 4	1 x AGS-001-ECAT	Gripper with EtherCAT Communication protocol, Supply Cable, Communication Cable, USB Cable
5	1 x AGS-CPL-101	Mechanical Coupling (fits UR bolt pattern)
6*	1 x AGS-APL-157	Wrist Adapter Plate for Kuka LWR robot – requires AGS-CPL-101

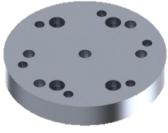
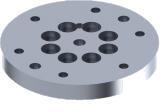
*KUKA LWR 4+ robot requires a wrist adapter plate. See table in annex for more information.

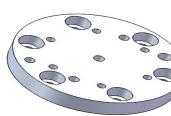
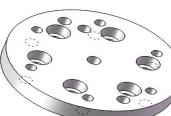
3-Finger Adaptive Gripper								
Image	Item	Description						
Gripper								
	AGS-001-XXXX	<p>3-Finger Adaptive Gripper with embedded controller Included:</p> <ul style="list-style-type: none"> - 1 x Complete Gripper Unit: finger pads, palm pad - 1 x 5 m Power Supply Cable - 1 x 5 m Communication Cable - CBL-COM-2056-XXXX Or CBL-COM-2055 - 1 x USB Cable - 1 x Grease syringe <p>Note that the CBL-COM-2056-XXXX can only be used for DeviceNet and CANopen communication protocols</p> <p>Replace XXXX by one of the following communication protocol options (example: AGS-001-ECAT):</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>ENIP - Ethernet/IP</td></tr> <tr><td>MTCP - Modbus TCP</td></tr> <tr><td>ECAT - EtherCAT</td></tr> <tr><td>DNET - DeviceNet</td></tr> <tr><td>CANO - CANopen</td></tr> <tr><td>PNET - Profinet</td></tr> </table>	ENIP - Ethernet/IP	MTCP - Modbus TCP	ECAT - EtherCAT	DNET - DeviceNet	CANO - CANopen	PNET - Profinet
ENIP - Ethernet/IP								
MTCP - Modbus TCP								
ECAT - EtherCAT								
DNET - DeviceNet								
CANO - CANopen								
PNET - Profinet								
Kits								
	AGS-UR-KIT	<p>3-Finger Adaptive Gripper kit for Universal Robots Included:</p> <ul style="list-style-type: none"> - 1 x Complete Gripper Unit (Modbus Communication protocol), includes: finger pads, palm pad - 1 x Mechanical Coupling (AGS-CPL-101) - 1 x Adapter Plate (AGS-APL-157) - 1 x 10 m Power Supply Cable - 1 x 10 m Communication Cable - 1 x USB Cable - 1 x Screw Kit for fixing End Effector Coupling on UR Robots - 1 x USB Stick - 1 x Grease Syringe <p>Software package available at support.robotiq.com</p>						
	AGS-FTS-UR-KIT	<p>3-Finger Adaptive Gripper and FT 150 Force Torque Sensor kit for Universal Robots Included:</p> <p>Gripper Parts</p> <ul style="list-style-type: none"> - 1 x Complete Gripper Unit: finger pads, palm pad - 1 x Mechanical Coupling (AGS-CPL-104) - 1 x 10 m Power Supply Cable - 1 x 10 m Communication Cable - 1 x USB Cable - 1 x USB Stick - 1 x Grease Syringe <p>Sensor Parts</p> <ul style="list-style-type: none"> - 1 x FT 150 Force Torque Sensor - 1 x 10 m FT 150 Device Cable - 1 x USB to RS485 Adapter - 1 x Mechanical Coupling for Universal Robots (FTS-150-CPL-103) - 1 x Screw Kit for Fixing Sensor Coupling on UR Robots <p>Software package available at support.robotiq.com</p> <p>Does not include the coupling to fix the Gripper directly onto the robot wrist.</p>						

	AGS-DEMO-KIT	<p>3-Finger Adaptive Gripper with Modbus TCP/IP communication protocol, 5m power and communication cable, USB configuration cable, joystick, Pelican case, 24V power supply with cord set, grease syringe.</p> <p>(For Distributors Only)</p>
End Effector Mechanical Couplings		
	AGS-CPL-175	<p>Coupling Blank Included: - 1 x Coupling - 6 x 6-32 x 0.750" - Socket Head Cap Screws - 1 x 3/16 x 0.625" - Dowel Pin (for fixation with the Gripper)</p>
	AGS-CPL-101	<p>Coupling Included: - 1 x Coupling - 6 x 6-32 x 0.750" - Socket Head Cap Screws - 1 x 3/16 x 0.625" - Dowel Pin (for fixation with the Gripper)</p> <p>Used for robots: - Motoman SDA5D - Motoman SIA5D Also required for all Wrist Adapter Plates</p>
	AGS-CPL-102	<p>Coupling Included: - 1 x Coupling - 6 x 6-32 x 0.500" - Socket Head Cap Screws (for fixation with the Gripper) - 4 x M6-1.0 x 10 mm - Low Head Socket Cap Screws - 1 x M6 x 12 - Dowel Pin (for fixation with the tool changer device)</p> <p>Used for: - Schunk FWA Tool Changer</p>
	AGS-CPL-103	<p>Coupling Included: - 1 x Coupling - 6 x 6-32 x 0.750" - Socket Head Cap Screws - 1 x 3/16 x 0.625" - Dowel Pin (for fixation with the Gripper)</p> <p>Used for : - ATI QC-21 Tool Changer</p>
	AGS-CPL-104	<p>Coupling Included: - 1 x Coupling - 6 x 6-32 x 0.750" - Socket Head Cap Screws - 1 x 3/16 x 0.625" - Dowel Pin (for fixation with the Gripper)</p> <p>Used for : - Robotiq FT 150 Sensor</p>

Wrist Adapter Plates		
	AGS-APL-151	<p>Wrist Adapter Plate For Bolt Pattern ISO 9409-1-31.5-4-M5 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - ABB IRB 120 - Adept VIPER S650 - Motoman MH5 - Motoman HP3J - Motoman DIA10 - Fanuc LR MATE 200iC</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-152	<p>Wrist Adapter Plate Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - FANUC M-10ia - FANUC M20iA/10L</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-153	<p>Wrist Adapter Plate For Bolt Pattern ISO 9409-1-40-4-M6 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - KUKA KR6</p> <p>(requires AGS-CPL-101)</p>

	AGS-APL-155	<p>Wrist Adapter Plate For Bolt Pattern ISO 9409-1-40-4-M6 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Motoman HP6 - Fanuc M-6iB - ABB IRB 140</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-156	<p>Wrist Adapter Plate For Bolt Pattern ISO 9409-1-80-6-M8 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Motoman SIA 20D - Motoman SDA 20D - ATI QC-60 TOOL CHANGER</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-157	<p>Wrist Adapter Plate For Bolt Pattern ISO 9409-1-50-4-M6 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Kuka LWR 4+ - Universal Robots UR5 - Universal Robots UR10</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-158	<p>Wrist Adapter Plate For Bolt Pattern ISO 9409-1-50-4-M6 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-159	<p>Wrist Adapter Plate For Bolt Pattern ISO 9409-1-100-6-M8 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Fanuc M-710iC - Fanuc M-420iA - Fanuc M-421iA - Kuka KR 30 - Kuka KR 60 - Comau SMART NM</p> <p>(requires AGS-CPL-101)</p>

	AGS-APL-160	<p>Wrist Adapter Plate For Bolt Pattern 55-4M4-2D6 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - SCHUNK PW 70</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-161	<p>Wrist Adapter Plate For Bolt Pattern ISO 9409-1-63-4-M6 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Motoman SDA10D - Motoman SIA10D</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-163	<p>Wrist Adapter Plate For Bolt Pattern ISO 9409-1-31.5-4-M5 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Kuka KR6 R900 sixx</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-164	<p>Wrist Adapter Plate For Bolt Pattern 31,33-8M5-1D5 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Kuka MA KR AGILUS six V3</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-165	<p>Wrist Adapter Plate For Bolt Pattern 33-3M3-2D3 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - ATI MINI 40 F/T Sensor</p> <p>(requires AGS-CPL-101)</p>

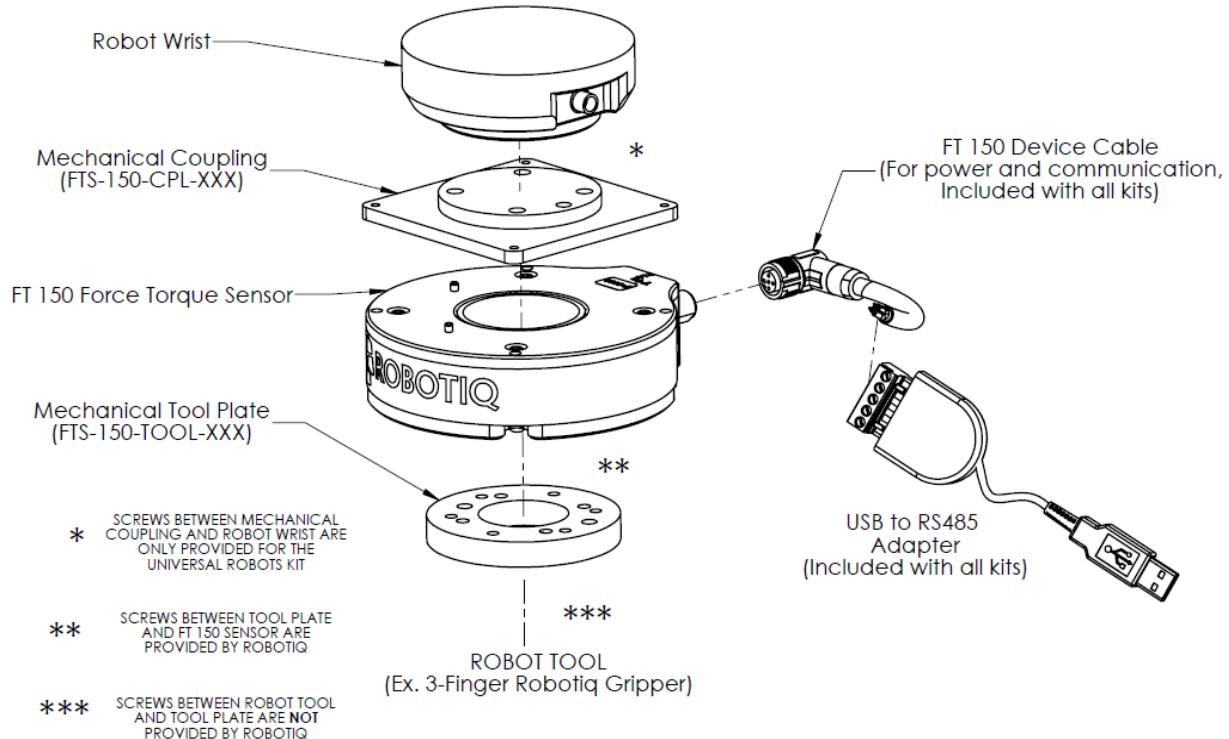
	AGS-APL-166	<p>Wrist Adapter Plate For Bolt Pattern 39-6M5-2D4 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - ATI MINI 58 F/T Sensor - Boston Dynamic ATLAS</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-167	<p>Wrist Adapter Plate For Bolt Pattern 35x35-6M5-1D20 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - Dowel Pins (for fixation with the coupling)</p> <p>Used for: - Gimatic QC90-B Tool Changer</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-168	<p>Wrist Adapter Plate For Bolt Pattern ISO 9409-1-31.5-4-M4 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - m6 Dowel Pins (for fixation with the coupling)</p> <p>Used for robots: - Epson C4 serie robot</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-169	<p>Wrist Adapter Plate For Bolt Pattern 80-6M8-1D8-84-1D6 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - m6 Dowel Pins (for fixation with the coupling)</p> <p>Used for: - Motoman MH50</p> <p>(requires AGS-CPL-101)</p>
	AGS-APL-170	<p>Wrist Adapter Plate For Bolt Pattern 50-6M6-6H7 Included: - 1 x Wrist Adapter Plate - 6 x M6-1.0 x 14 mm - Socket Head Cap Screws - 2 x M6 x 18 mm - m6 Dowel Pins (for fixation with the coupling)</p> <p>Used for: - ABB IRB 2600-20</p> <p>(requires AGS-CPL-101)</p>

Cables						
	CBL-COM-2054-XX	<p>Supply Cable for 3-Finger Adaptive Gripper:</p> <p>Right angle M12 5-pin female Single ended, can be used for serial communication</p> <p>Replace XX by one of the following connector options (cable length):</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>05 – 5 m</td></tr> <tr><td>10 – 10 m</td></tr> <tr><td>20 – 20 m</td></tr> <tr><td>05-HF – 5 m High Flex</td></tr> </table>	05 – 5 m	10 – 10 m	20 – 20 m	05-HF – 5 m High Flex
05 – 5 m						
10 – 10 m						
20 – 20 m						
05-HF – 5 m High Flex						
	CBL-COM-2056-XXX	<p>5 m Fieldbus and Serial Communication Cable for 3-Finger Adaptive Gripper:</p> <p>Straight M12 5-pin female, shielded</p> <p>Replace XXX by one of the following connector options (related to communication protocols):</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>CB5 - DeviceNet</td></tr> <tr><td>DB9 - CANopen</td></tr> </table> <p>Note: CB5 stands for Combicon 5-pin and DB9 for D-Sub 9-pin</p>	CB5 - DeviceNet	DB9 - CANopen		
CB5 - DeviceNet						
DB9 - CANopen						
	CBL-COM-2055-05	<p>5 m Real-time Ethernet Communication Cable for 3-Finger Adaptive Gripper:</p> <p>Right angle M12 4-pin, male RJ45, shielded, continuous flex</p> <p>Used with EtherNet/IP, EtherCAT and Modbus TCP/IP</p>				
	CBL-COM-2055-10	<p>10 m Real-time Ethernet Communication Cable for 3-Finger Adaptive Gripper:</p> <p>Right angle M12 4-pin, male RJ45, shielded, continuous flex</p> <p>Used with EtherNet/IP, EtherCAT and Modbus TCP/IP</p>				
	CBL-USB-2057	<p>5 m USB 2.0 Cable A-A male</p> <p>For configuration of the 2-Finger Adaptive Gripper Controller and the 3-Finger Adaptive Gripper</p>				

Spare Parts and Options		
	AGS-PAD-013	<p>Proximal Pad Aluminium body with black silicone surface Included:</p> <ul style="list-style-type: none"> - 1 x Proximal Pad - 2 x 4-40 x 0.250" - Flat Head Machine Screws
	AGS-PAD-014	<p>Median Pad Aluminium body with black silicone surface Included:</p> <ul style="list-style-type: none"> - 1 x Median Pad - 2 x 4-40 x 0.250" - Flat Head Machine Screws
	AGS-PAD-016	<p>Fingertip Aluminium body with black silicone surface Included:</p> <ul style="list-style-type: none"> - 1 x Finger Tip - 2 x 8-32 x 0.375" - Socket Head Cap Screws
	AGS-PAD-071	<p>Palm Pad Aluminium body with black silicone surface Included:</p> <ul style="list-style-type: none"> - 1 x Palm Pad - 4 x 4-40 x 0.250" - Flat Head Machine Screws - 2 x 4-40 x 0.312" - Flat Head Machine Screws
	AGS-FIN-001	<p>Replacement Finger for the 3-Finger Adaptive Gripper Included:</p> <ul style="list-style-type: none"> - 1 x Finger - 1 x Proximal Pad - AGS-PAD-013 - 1 x Median Pad - AGS-PAD-014 - 1 x Fingertip - AGS-PAD-016
	AGS-FIN-002	<p>Self-rotating Fingertip Included:</p> <ul style="list-style-type: none"> - 1 x Distal Pivot - 3 x Bushings - 1 x Spring Casing - 1 x Torsion Spring - 2 x 3/16" x 0.750" - Socket Head Shoulder Screws
	AGS-GEAR-001	<p>Replacement Bronze Worm Gear Kit. This gear drives the finger. This kit is for one finger for the 3-Finger Adaptive Gripper model. Included:</p> <ul style="list-style-type: none"> - 1 x Bronze Worm Gear - 1 x Worm Bushing - 3 x 4-40 x 5/16" - Flat Head Machine Screws - 2 x External Retaining Rings

	ACC-LUB-SHC1500	1g Grease Syringe For worm gears of the 3-Finger Adaptive Gripper
Accessories		
	ACC-JOY-001	Wireless Joystick To control a Gripper using the User Interface

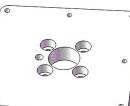
FT 150 Force Torque Sensor

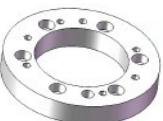
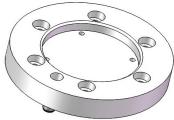


FT 150 Force Torque Sensor

Image	Item	Description
	FTS-150-KIT-001	<p>FT 150 Force Torque Sensor Standard Kit</p> <p>Included :</p> <ul style="list-style-type: none"> - 1 x FT 150 Force Torque Sensor - 1 x 5 m FT 150 Device Cable - 1 x USB to RS485 Adapter
	FTS-150-UR-KIT	<p>FT 150 Force Torque Sensor Kit for Universal Robots</p> <p>Included :</p> <ul style="list-style-type: none"> - 1 x FT 150 Force Torque Sensor - 1 x 10 m FT 150 Device Cable - 1 x USB to RS485 Adapter - 1 x Mechanical Coupling for Universal Robots (FTS-150-CPL-103) - 1 x Screw kit for fixing the Sensor on UR Robots - 1 x Software package - 1 x USB Stick <p>Software package available at support.robotiq.com</p>

	2F-85	2F-140	
	AGC-FTS-UR-KIT	AGC-FTS-UR-KIT-140	<p>2-Finger Adaptive Gripper and FT 150 Force Torque Sensor kit for Universal Robots</p> <p>Included:</p> <p>Gripper Parts</p> <ul style="list-style-type: none"> - 1 x Basic Gripper Unit - 2 x Flat Silicone Fingertips - 1 x End Effector Coupling for Bolt Pattern ISO 9409-1-56-6 M4 (with 1 m Pigtail Cable) - 1 x 10 m Robotiq Device Cable - 1 x USB to RS485 Adapter - 1 x Screw Kit for FT 150 Sensor - 1 x USB Hub Splitter <p>Sensor Parts</p> <ul style="list-style-type: none"> - 1 x FT 150 Force Torque Sensor - 1 x 10m FT 150 Device cable - 1 x USB to RS485 Adapter - 1 x Mechanical Coupling for Universal Robots (FTS-150-CPL-103) - 1 x USB Stick <p>Software package available at support.robotiq.com</p> <p>Does not include the coupling to fix the gripper directly onto the robot wrist.</p>
	AGS-FTS-UR-KIT		<p>3-Finger Adaptive Gripper and FT 150 Force Torque Sensor kit for Universal Robots</p> <p>Included:</p> <p>Gripper Parts</p> <ul style="list-style-type: none"> - 1 x Complete Gripper Unit: finger pads, palm pad - 1 x Mechanical Coupling (AGS-CPL-104) - 1 x 10 m Power Supply Cable - 1 x 10 m Communication Cable - 1 x USB Cable - 1 x USB Stick - 1 x Grease Syringe <p>Sensor Parts</p> <ul style="list-style-type: none"> - 1 x FT 150 Force Torque Sensor - 1 x 10 m FT 150 Device Cable - 1 x USB to RS485 Adapter - 1 x Mechanical Coupling for Universal Robots (FTS-150-CPL-103) - 1 x Screw Kit for Fixing Sensor Coupling on UR Robots <p>Software package available at support.robotiq.com</p> <p>Does not include the coupling to fix the Gripper directly onto the robot wrist.</p>
	FTS-150-KIT-DEMO		<p>FT 150 Force Torque Sensor Demo Kit</p> <p>Included :</p> <ul style="list-style-type: none"> - 1 x FT 150 Force Torque Sensor - 1 x Device Cable with integrated USB to RS485 adapter - 1 x Portable Power Supply - 1 x Portable Case <p>(For Distributors Only)</p>

Mechanical Couplings for FT Sensor		
	FTS-150-CPL-101	<p>Mechanical Coupling for FT 150 Force Torque Sensor For Bolt Pattern 56-6M4-1D6</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x M4-0.7 x 35mm - Socket Head Cap Screws
	FTS-150-CPL-102	<p>Mechanical Coupling for FT 150 Force Torque Sensor For Bolt Pattern 56-8M4-1D4</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x M4-0.7 x 35mm - Socket Head Cap Screws <p>Used for robots:</p> <ul style="list-style-type: none"> - Motoman 144
	FTS-150-CPL-103	<p>Mechanical Coupling for FT 150 Force Torque Sensor For Bolt Pattern 50-4M6-1D6</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x M4-0.7 x 35mm - Socket Head Cap Screws <p>Used for robots:</p> <ul style="list-style-type: none"> - Universal Robots UR5 - Universal Robots UR10
	FTS-150-CPL-106	<p>Mechanical Coupling for FT 150 Force Torque Sensor For Bolt Pattern 31.5-4M5-1D5</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x M4-0.7 x 35mm - Socket Head Cap Screws <p>Used for robots:</p> <ul style="list-style-type: none"> - ABB IRB 1200-5/0.9 - ABB IRB 120 - Fanuc LR Mate 200 iB/C/D
	FTS-150-CPL-107	<p>Mechanical Coupling for FT 150 Force Torque Sensor For Bolt Pattern 80-6M8-2D8</p> <p>Included :</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x M4-0.7 x 35mm - Socket Head Cap Screws <p>Used for robots:</p> <ul style="list-style-type: none"> - Motoman SIA20-F
	FTS-150-CPL-108	<p>Mechanical Coupling for FT 150 Force Torque Sensor For Bolt Pattern 50-6M6-1D6</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x M4-0.7 x 35mm - Socket Head Cap Screws - 1 x M6 x 12mm – Dowel Pin <p>Used for robots:</p> <ul style="list-style-type: none"> - ABB IRB 2600-20
	FTS-150-CPL-110	<p>Mechanical Coupling for FT 150 Force Torque Sensor For Bolt Pattern 63-4M6-61_4-1D6</p> <p>Included:</p> <ul style="list-style-type: none"> - 1 x Mechanical Coupling - 4 x M4-0.7 x 35mm - Socket Head Cap Screws - 1 x M6 x 12mm – Dowel Pin <p>Used for robots:</p> <ul style="list-style-type: none"> - Motoman SIA10D/SIA10F

	FTS-150-CPL-111	<p>Mechanical Coupling for FT 150 Force Torque Sensor ISO 9409-1-40-4-M6 bolt pattern</p> <p>Included: - 1 x Mechanical Coupling - 4 x M4-0.7 x 35mm - Socket Head Cap Screws</p> <p>Used for robots: - ABB IRB 140 - ABB IRB 1600 6kg - Fanuc M-16iB - Motoman HP6 - Motoman HP20D - Motoman MH50-20</p>
Mechanical Tool Plates for FT Sensor		
	FTS-150-TOOL-104	<p>Mechanical Tool Plate for FT 150 Force Torque Sensor For conversion between FT 150 and 50-4M6-1D6 ISO 9409-1 bolt pattern.</p> <p>Included : - 1 x Mechanical Tool Plate - 6 x M4-0.7 x 12mm – Socket Head Cap Screws - 1 x M6 x 12mm – Dowel Pin</p> <p>Note that 50-4M6-1D6 ISO 9409-1 bolt pattern is the wrist bolt pattern for the following robots: - Universal Robots UR5 - Universal Robots UR10</p> <p>Does not include tool side screws</p>
	FTS-150-TOOL-105	<p>Mechanical Tool Plate for FT 150 Force Torque Sensor For conversion between FT 150 and 56-8M4-1D4 ISO 9409-1 bolt pattern.</p> <p>Included : - 1 x Mechanical Tool Plate - 6 x M4-0.7 x 12mm – Socket Head Cap Screws - 1 x M6 x 12mm – Dowel Pin</p> <p>Used to fit: - Robotiq 3-Finger Adaptive Gripper Tool side screws not included</p>
	FTS-150-TOOL-109	<p>Mechanical Tool Plate for Robotiq FT 150 Force Torque Sensor For conversion between FT 150 and 40-4M3-1D3 bolt pattern.</p> <p>Included : - 1 x Mechanical Tool Plate - 6 x M4-0.7 x 12mm – Socket Head Cap Screws - 1 x M6 x 12mm – Dowel Pin</p> <p>Used to fit: - ATI QC-11 Master Side</p>
Spare Parts and Options		
N/A	FTS-150-PRO-001	<p>Mechanical Protector for FT 150 Force Torque Sensor</p> <p>Included: - 1 x Protector - 4 x M4-0.7 x 12mm – Socket Head Cap Screws</p> <p>Should be mounted on all FTS-150-CPL-XXX</p>

Annex A – Robot Table				
2-Finger 85 & 2-Finger 140 Adaptive Gripper				
Company	Robot	Mechanical Coupling	Wrist Adapter Plate*	Suggested Protocol
ABB	IRB 120	AGC-CPL-063-002	-	DeviceNet
	IRB 1200-5/0.9	AGC-CPL-063-002	-	
	IRB 140	AGC-CPL-064-002	-	
	IRB 1600 6kg	AGC-CPL-064-002	-	
Adept	VIPER S650	AGC-CPL-063-002	-	DeviceNet
ATI	QC-11 TOOL SIDE	AGC-CPL-070-002	-	-
Denso	HS SERIES	AGC-CPL-067-002	-	DeviceNet
	VS-050	AGC-CPL-063-002	-	
	VS-060	AGC-CPL-063-002	-	
Fanuc	LR MATE 200iC	AGC-CPL-063-002	-	Use Adapter ACC-ADT-HONDA-RS485 Or EtherNet/IP
	M-10iA	AGC-CPL-065-002	-	
	M-16iB	AGC-CPL-064-002	-	
	M20iA/10L	AGC-CPL-065-002	-	
KUKA	IIWA	AGC-CPL-062-002	-	EtherCAT
	KR 16	AGC-CPL-062-002	-	
	KR5	AGC-CPL-064-002	-	
	KR6	AGC-CPL-064-002	-	
	LWR 4+	AGC-CPL-062-002	-	
Mabi	MR-S10	AGC-CPL-062-002	-	-
Mitsubishi	RV-3S	AGC-CPL-063-002	-	-
Robotiq	FT 150 Sensor	AGC-CPL-066-002	-	-
	FT 150 Sensor (Legacy Gripper)	AGC-CPL-FT150-KIT	-	
Staubli	RX160	AGC-CPL-062-002	-	-
Universal Robots	UR10	AGC-CPL-062-002	-	Use Adapter ACC-ADT-USB-RS485
	UR5	AGC-CPL-062-002	-	
	UR3	AGC-CPL-062-002	-	

Yaskawa – Motoman	DIA10	AGC-CPL-063-002	-	EtherNet/IP
	HP20D	AGC-CPL-064-002	-	
	HP3J	AGC-CPL-063-002	-	
	HP6	AGC-CPL-064-002	-	
	MA1400	AGC-CPL-066-002	-	
	MA1440	AGC-CPL-065-002	-	
	MH5	AGC-CPL-063-002	-	
	SDA10D	AGC-CPL-064-002	AGC-APL-152-002	
	SDA5D	AGC-CPL-068-002	-	
	SIA10D / SIA 10F	AGC-CPL-064-002	AGC-APL-152-002	
	SIA20D	AGC-CPL-064-002	AGC-APL-153-002	
	SIA5D	AGC-CPL-068-002	-	
WACOH	WEF-6A200-R-RG24	AGC-CPL-064-002	AGC-APL-151-002	-
Other**	Other	AGC-CPL-061-002 (blank)	-	-
		AGC-CPL-NEW (drilled)	-	

*When a Wrist Adapter Plate is needed, AGC-CPL-601 is also required.

**This list is not exhaustive. If your robot is not listed, please contact a Robotiq representative.

3-Finger Adaptive Gripper				
Company	Robot	Mechanical Coupling	Wrist Adapter Plate*	Suggested Protocol
ABB	IRB 120	AGS-CPL-101	AGS-APL-151	DeviceNet
	IRB 1200-5/0.9	AGS-CPL-101	AGS-APL-151	
	IRB 140	AGS-CPL-101	AGS-APL-155	
	IRB 1600 6kg	AGS-CPL-101	AGS-APL-155	
	IRB 2600-20	AGS-CPL-101	AGS-APL-170	
Adept	VIPER S650	AGS-CPL-101	AGS-APL-151	DeviceNet
ATI	MINI 40	AGS-CPL-101	AGS-APL-165	-
	MINI 58	AGS-CPL-101	AGS-APL-166	
	QC-21 TOOL CHANGER	AGS-CPL-103	-	
	QC-60 TOOL CHANGER	AGS-CPL-101	AGS-APL-156	
Boston Dynamics	Atlas	AGS-CPL-101	AGS-APL-166	Modbus-TCP (ROS)
Comau	SMART NM	AGS-CPL-101	AGS-APL-159	DeviceNet
Denso	VS-050	AGS-CPL-101	AGS-APL-151	DeviceNet
	VS-060	AGS-CPL-101	AGS-APL-151	
Epson	C4 Serie	AGS-CPL-101	AGS-APL-168	-

Fanuc	LR MATE 200iC	AGS-CPL-101	AGS-APL-151	EtherNet/IP
	M-10iA	AGS-CPL-101	AGS-APL-152	
	M-16iB	AGS-CPL-101	AGS-APL-155	
	M20iA/10L	AGS-CPL-101	AGS-APL-152	
	M-420iA	AGS-CPL-101	AGS-APL-159	
	M-421iA	AGS-CPL-101	AGS-APL-159	
	M-710iC	AGS-CPL-101	AGS-APL-159	
	M20iA/10L	AGS-CPL-101	AGS-APL-152	
Gimatic	QC90-B Tool Changer	AGS-CPL-101	AGS-APL-167	-
Kawasaki	RS050N	AGS-CPL-101	AGS-APL-156	-
KUKA	KR 16	AGS-CPL-101	AGS-APL-157	EtherCAT
	KR 30	AGS-CPL-101	AGS-APL-159	
	KR 60	AGS-CPL-101	AGS-APL-159	
	KR5	AGS-CPL-101	AGS-APL-153	
	KR6	AGS-CPL-101	AGS-APL-153	
	KR6 R900 sixx	AGS-CPL-101	AGS-APL-163	
	KR AGILUS sixx V7	AGS-CPL-101	AGS-APL-163	
	IIWA	AGS-CPL-101	AGS-APL-157	
	LWR 4+	AGS-CPL-101	AGS-APL-157	
	MA KR AGILUS sixx V3	AGS-CPL-101	AGS-APL-164	
Mabi	MR-S10	AGS-CPL-101	AGS-APL-157	-
Mitsubishi	RV-3S	AGS-CPL-101	AGS-APL-151	-
Robotiq	FT 150 Sensor	AGS-CPL-104	-	-
Schunk	FWA	AGS-CPL-102	-	CANOpen
	PW 70	AGS-CPL-101	AGS-APL-160	
Staubli	RX 160	AGS-CPL-101	AGS-APL-157	-
Universal Robots	UR10	AGS-CPL-101	AGS-APL-157	Modbus-TCP
	UR5	AGS-CPL-101	AGS-APL-157	

Yaskawa - Motoman	DIA10	AGS-CPL-101	AGS-APL-151	EtherNet/IP
	HP20D	AGS-CPL-101	AGS-APL-155	
	HP3J	AGS-CPL-101	AGS-APL-151	
	HP6	AGS-CPL-101	AGS-APL-155	
	MA1400	AGS-CPL-104	-	
	MA1440	AGS-CPL-101	AGS-APL-152	
	MH5	AGS-CPL-101	AGS-APL-151	
	MH50	AGS-CPL-101	AGS-APL-169	
	MH50-35	AGS-CPL-101	AGS-APL-169	
	SDA10D	AGS-CPL-101	AGS-APL-161	
	SDA20D	AGS-CPL-101	AGS-APL-156	
	SDA5D	AGS-CPL-101	-	
	SIA20D	AGS-CPL-101	AGS-APL-156	
	SIA50D	AGS-CPL-101	AGS-APL-156	
	SIA10D	AGS-CPL-101	AGS-APL-161	
	SIA5D	AGS-CPL-101	-	
Other**	Other	AGS-CPL-175 (blank)	-	-
		AGS-CPL-NEW (drilled)	-	
		AGS-CPL-101	AGS-APL-NEW (drilled)	

*When a Wrist Adapter Plate is needed, AGS-CPL-101 is also required.

**This list is not exhaustive. If your robot is not listed, please contact a Robotiq representative.

FT 150 Force Torque Sensor			
Company	Robot	Mechanical Coupling	Tool Plate*
ABB	IRB 120	FTS-150-CPL-106	-
	IRB 1200-5/0.9	FTS-150-CPL-106	-
	IRB 140	FTS-150-CPL-111	-
	IRB 1600 6kg	FTS-150-CPL-111	-
	IRB 2600-20	FTS-150-CPL-108	-
ATI	QC-11 MASTER SIDE	-	FTS-150-TOOL-109
Fanuc	ARC Mate 100 iC	FTS-150-CPL-101	-
	LR MATE 200iC	FTS-150-CPL-106	-
	M-10iA	FTS-150-CPL-102	FTS-150-TOOL-105
	M-16iB	FTS-150-CPL-111	-
	M20iA/10L	FTS-150-CPL-102	FTS-150-TOOL-105
Mabi	MR-S10	FTS-150-CPL-103	FTS-150-TOOL-104
Robotiq	2-Finger 85	-	AGC-CPL-066-002
	2-Finger 85 (Legacy Gripper)	-	AGC-CPL-FT150-KIT
	3-Finger	-	AGS-CPL-104
Staubli	RX 160	FTS-150-CPL-103	FTS-150-TOOL-104
Universal Robots	UR5	FTS-150-CPL-103	FTS-150-TOOL-104
	UR10	FTS-150-CPL-103	FTS-150-TOOL-104
Yaskawa – Motoman	HP20D	FTS-150-CPL-111	-
	HP6	FTS-150-CPL-111	-
	MA 1400	FTS-150-CPL-101	-
	MA 1440	FTS-150-CPL-102	FTS-150-TOOL-105
	MH50-20	FTS-150-CPL-111	-
	SIA10D	FTS-150-CPL-110	-
	SIA20-F	FTS-150-CPL-107	-
Other**	Other	FTS-150-CPL-100	-

* The tool plate is reproducing the robot bolt pattern.

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