

To determine the optimum SCHUNK Co-act Gripper, we recommend completing the following checklist and sending it to the SCHUNK Co-act team. This checklist is also available online at: [schunk.com/checklist-co-act](http://schunk.com/checklist-co-act)

Contact data				
Company	Name		Department	
Street	ZIP Code		City and country	
Phone	Fax		Email	
Date	Consultant			
Order number	Offer number			

  

Application				
Field of application of the Co-act Gripper:				
Assembly	Handling	Quality check	Other	

  

Short description of the application		
Integration into existing system	New workstation	Replaces previous workstation

  

Robot type				
Specified by the customer	Suggestion desired		Industrial robot, type _____	
FANUC CR 35iA	KUKA iiwa 7	COMAU Racer5 Collabor	UR 3	Rethink Robotics Sawyer
FANUC CR 7iA	KUKA iiwa 14	COMAU AURA 110	UR 5	BOSCH APAS Assistant
	ABB YuMi	COMAU AURA 60	UR 10	Other
Portable robot version	Yes	No		

  

HRC type of collaboration			
Safe hold	Hand guiding	Speed and separation monitoring	Force and power limiting

  

Required gripping force				
Note: For collisions with a hand, exact limits of 140 N of applied force and ~200 N/cm <sup>2</sup> pressure are valid; other safety aspects are to be observed for higher forces (e.g. sensor system in gripper fingers, actuation of grippers in a separate area).				
Type of gripping:	Form-fit gripping	Friction	2 fingers	3 fingers
	Parallel			

**Preliminary gripper selection**

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\_\_\_\_\_

\_\_\_\_\_

Collision protection cover required

**Finger design**

Supplied by the customer      SCHUNK

Material of the attached fingers      Steel                      Alu                      Plastic                      Other \_\_\_\_\_

Accuracy at the fingers \_\_\_\_\_

Are interfering contours to be taken into consideration when removing workpieces?      Yes                      No

3D data of point of removal available                      Yes                      No

**Actuation**

Robot via

PROFIBUS                      CAN                      PROFINET                      Ethernet                      Other \_\_\_\_\_

Gripper via

Pneumatics                      Digital I/O                      PROFINET                      Ethernet                      Other \_\_\_\_\_

**Safety**

FT sensor in gripper necessary for collision detection (no redundant FT sensor available)

Support from SCHUNK desired for safety concept

**Pictures available**

Workpiece                                      Workpiece deposit and mounting                                      Existing system

**Drawings available**

Workpiece                                      Workpiece deposit and mounting                                      Existing system

**Notes**

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We would be happy to advise you on the optimum SCHUNK Co-act Gripper for your application. Please copy the checklist, complete and email it to: [co-act-team@de.schunk.com](mailto:co-act-team@de.schunk.com) You can reach the Co-act team under the following number: +49-7133-103-3444