

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

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:			
<input type="checkbox"/> Assembly	<input type="checkbox"/> Handling	<input type="checkbox"/> Quality check	<input type="checkbox"/> Other

Short description of the application	
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<input type="checkbox"/> Integration into existing system	<input type="checkbox"/> New workstation
<input type="checkbox"/> Replaces previous workstation	

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

HRC type of collaboration	
<input type="checkbox"/> Safe hold	<input type="checkbox"/> Hand guiding
<input type="checkbox"/> Speed and separation monitoring	<input type="checkbox"/> Force and power limiting

Required gripping force	
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<p>Note: For collisions with a hand, exact limits of 140 N of applied force and ~200 N/cm² 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).</p>	
Type of gripping:	<input type="checkbox"/> Form-fit gripping
	<input type="checkbox"/> Friction
	<input type="checkbox"/> 2 fingers
	<input type="checkbox"/> 3 fingers
	<input type="checkbox"/> Parallel

Preliminary gripper selection	
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<input type="checkbox"/> Collision protection cover required	

Finger design	
<input type="checkbox"/> Supplied by the customer	<input type="checkbox"/> SCHUNK
Material of the attached fingers	<input type="checkbox"/> Steel
	<input type="checkbox"/> Alu
	<input type="checkbox"/> Plastic
	<input type="checkbox"/> Other _____
Accuracy at the fingers	_____
Are interfering contours to be taken into consideration when removing workpieces?	<input type="checkbox"/> Yes
	<input type="checkbox"/> No
3D data of point of removal available	<input type="checkbox"/> Yes
	<input type="checkbox"/> No

Actuation	
Robot via	
<input type="checkbox"/> PROFIBUS	<input type="checkbox"/> CAN
<input type="checkbox"/> PROFINET	<input type="checkbox"/> Ethernet
<input type="checkbox"/> Other _____	
Gripper via	
<input type="checkbox"/> Pneumatics	<input type="checkbox"/> Digital I/O
<input type="checkbox"/> PROFINET	<input type="checkbox"/> Ethernet
<input type="checkbox"/> Other _____	

Safety	
<input type="checkbox"/> FT sensor in gripper necessary for collision detection (no redundant FT sensor available)	
<input type="checkbox"/> Support from SCHUNK desired for safety concept	

Pictures available		
<input type="checkbox"/> Workpiece	<input type="checkbox"/> Workpiece deposit and mounting	<input type="checkbox"/> Existing system

Drawings available		
<input type="checkbox"/> Workpiece	<input type="checkbox"/> Workpiece deposit and mounting	<input type="checkbox"/> 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 You can reach the Co-act team under the following number: +49-7133-103-3444