

# Gripper (EOAT) Parts

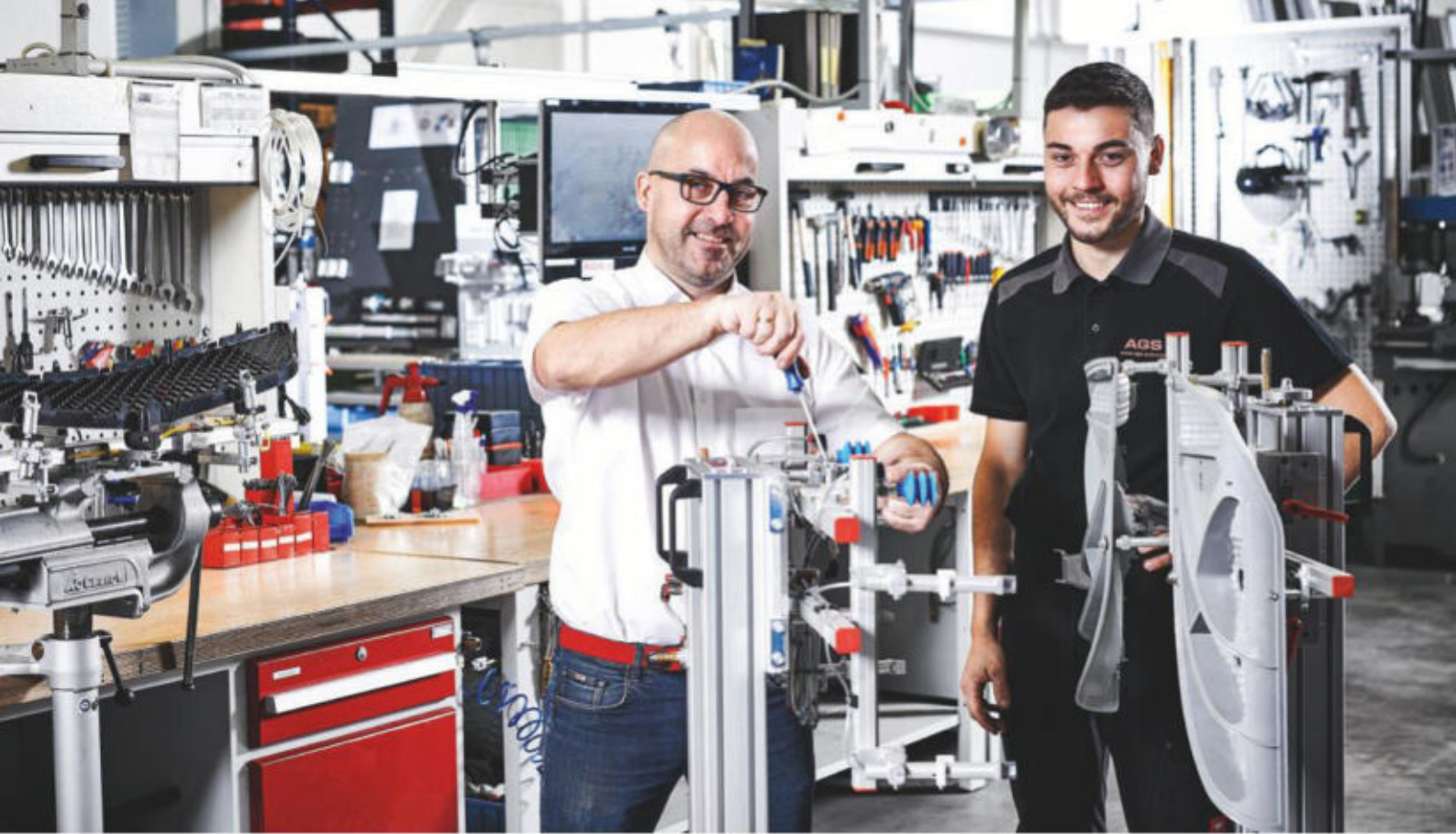


**Gripper (EOAT) Kit**

**Gripper (EOAT) Solutions**

**Standard Automation**

**AGS >K**  
AUTOMATION GREIFSYSTEME SCHWOPE GMBH



# EVERYTHING INGENIOUS IS SIMPLE

We deal with the development and production of innovative gripper parts, complete EOAT grippers and individual customer solutions. Among others with intelligent feeding systems, sprue cutting stations or robots.

Our target is to offer you a solution that is created according to our motto **„Everything ingenious is simple“**.

Three generations of Schwöpe - main location in Herkenrath central near Cologne and service network all over the world.

The entire value chain is available in-house. This gives us a lot of flexibility and gives you the necessary security for your projects with us.

**MADE IN GERMANY**



The fastest way to your Gripper (EOAT) solution  
Phone: 022 04/96 810-0 | [info@ags-automation.de](mailto:info@ags-automation.de)

# GRIPPER (EOAT) KIT

- Availability
- Possible combinations of the individual components
- Flexibility of the modular system
- Short assembly times (reduce machine downtimes)
- Since 30 years in close cooperation with production managers and maintenance staff on site



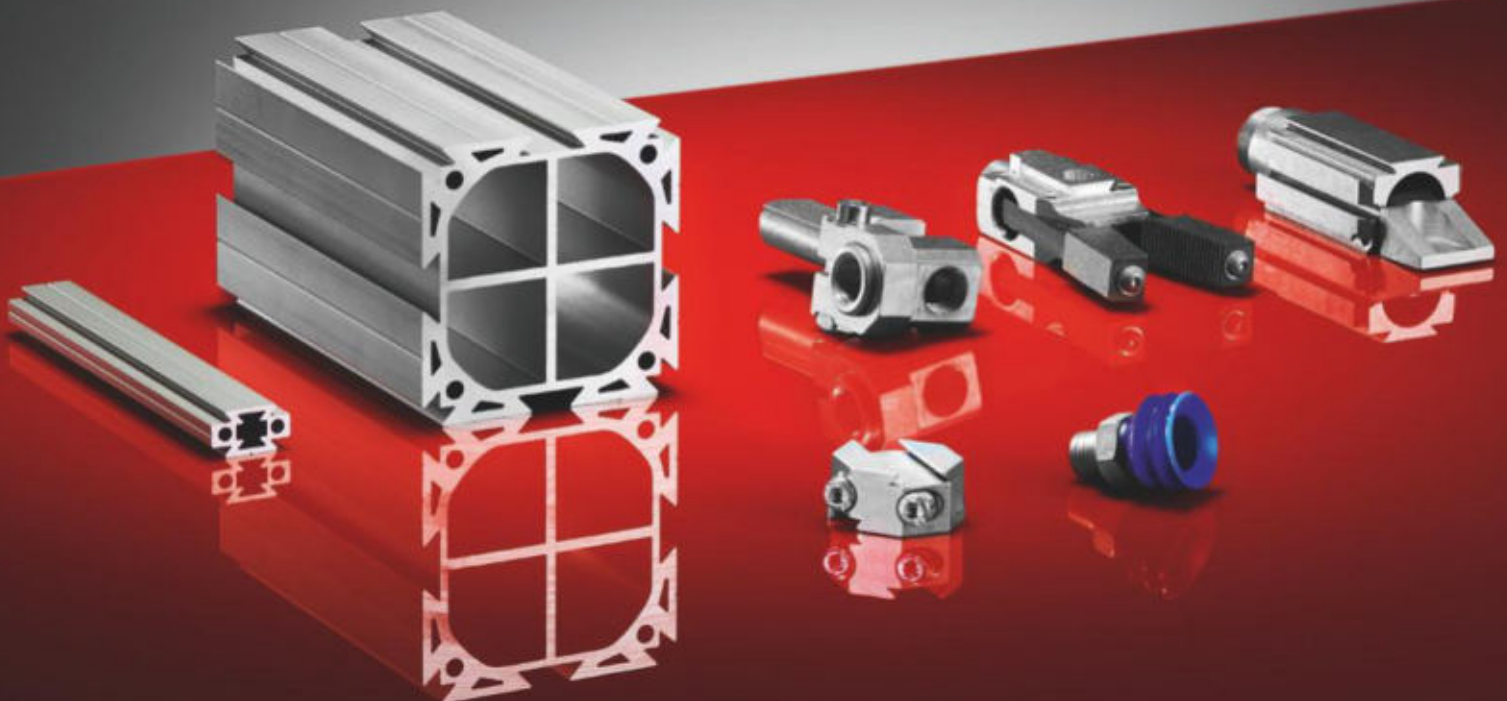
## AGS-SHOP.DE

Easy access to your customer portal and combined shop system

- All prices visible
- Weight addition
- 3D CAD Data
- 3D preview
- More than 2.500 components

## CADGrip 2.0

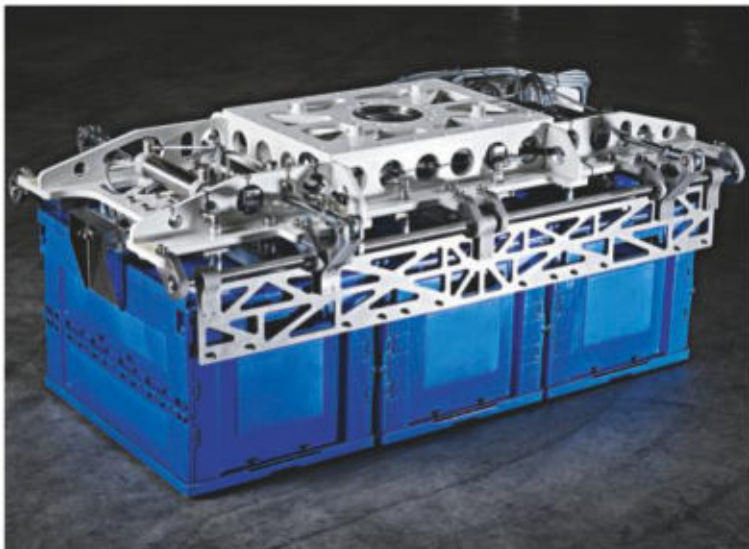
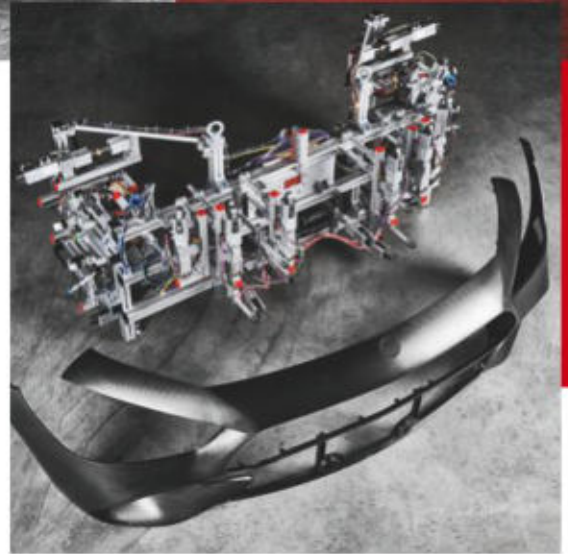
- Independent configuration
- Weight addition
- Creation of documentation
- Excel list export - import into AGS Shop for easy ordering





# GRIPPER (EOAT) SOLUTION

- Safe component removal (handling)
- Suitable for all robot systems
- Efficient design thanks to the AGS gripper construction kit
- Service for the entire life cycle of the gripper (development-assembly-maintenance)
- Custom solutions possible
- Special solutions (cobot gripper, lightweight construction, etc.)
- Adaptation of existing gripping systems EOAT (optimization)



## SOLUTIONS

With our team of application technicians, automation engineers and engineers we develop from our wealth of experience to develop the best gripping solution for you.

- Standard gripper / Special gripper
- Insertion / removal gripper
- Transfer gripper
- Gripper with sprue trim
- Gripper with additional functions
- Gripper with sensors

# STANDARD AUTOMATION

- Draw on existing, proven solutions and concepts
- On-site communication at eye level through technical contact persons and project managers
- The right gripper solution for your process
- Interfaces programming
- Integrated solutions from pneumatics, electrics and sensors
- Everything from one source
- On request commissioning on site



## INTEGRATION

We offer the mix of proven standard concepts and individual gripper solutions

- **Sprue separation stations**  
knife blade, cutting insert, punch, cutter etc.
- **Manual workstations**  
Assembly, sprue trimming, inspection, testing etc.
- **Feeding systems**  
Vibratory bowl, magazine, sliding table, IZS Intelligent Feeding System etc.



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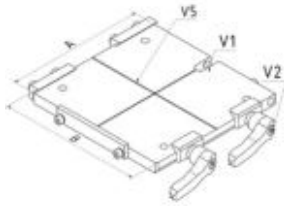
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## 10 GRIPPER / EOAT Quick Change System

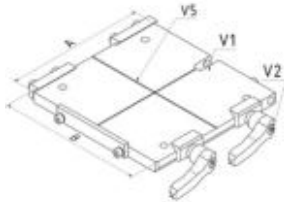
GWS / EOAT Quick Change System - Aluminum



Desc.	Article Nr.	A	B	C	D	PU*
GWS-01	1-10-10-02-00-GWS	40	40	1	-	1
GWS-0	1-10-10-04-00-GWS	60	60	1	-	1
GWS-1	1-10-10-06-00-GWS	100	100	1	-	1
GWS-2	1-10-10-08-00-GWS	160	160	2	-	1
GWS-3	1-10-10-10-00-GWS	250	250	2	-	1

\*packing unit

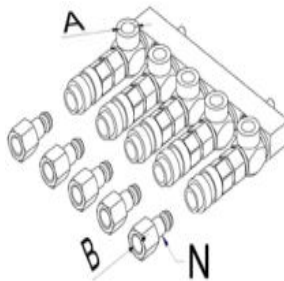
GWS-S / EOAT Quick Change System - Steel



Desc.	Article Nr.	A	B	C	D	PU*
GWS-3-HAL	1-10-11-24-00-GWS	250	250	-	-	1

\*packing unit

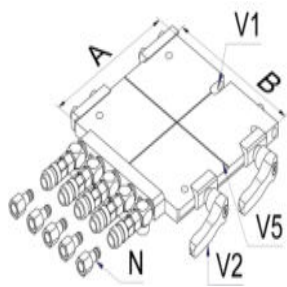
LAL / Air Connection Part for EOAT Quick Change System



Desc.	Article Nr.	A	B	C	D	PU*
LAL-5-1	1-10-13-10-00-LAL	M5	M5	-	-	1
LAL-7-1	1-10-13-12-00-LAL	M5	M5	-	-	1
LAL-5-2	1-10-13-20-00-LAL	G1/8	G1/8	-	-	1
LAL-7-2	1-10-13-22-00-LAL	G1/8	G1/8	-	-	1
LAL-6-3	1-10-13-30-00-LAL	G1/4	G1/4	-	-	1
LAL-8-3	1-10-13-32-00-LAL	G1/4	G1/4	-	-	1

\*packing unit

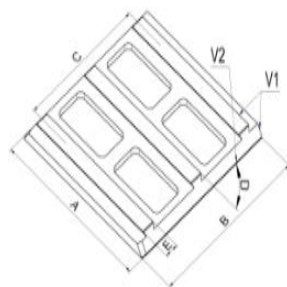
GWS-LU / EOAT Quick Change System - with air connection



Desc.	Article Nr.	A	B	C	D	PU*
GWS-1-LU-5	1-10-11-40-00-GWS	100	100	-	-	1
GWS-2-LU-5	1-10-11-42-00-GWS	160	160	-	-	1
GWS-2-LU-7	1-10-11-43-00-GWS	160	160	-	-	1
GWS-3-LU-6	1-10-11-44-00-GWS	250	250	-	-	1

\*packing unit

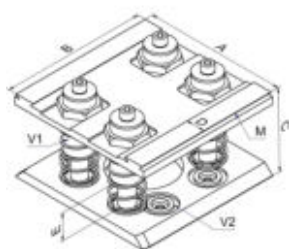
GGP-P / EOAT Groundplate Prism - Aluminum



Desc.	Article Nr.	A	B	C	D	PU*
GGP-0-P13-0-1	1-10-50-00-00-GGP	60	60	-	0°	1
GGP-01-P13-0-1	1-10-50-01-00-GGP	40	40	-	0°	1
GGP-0-P13-0-2	1-10-50-02-00-GGP	60	60	35	0°	1
GGP-0-P13-90-2	1-10-50-03-00-GGP	60	60	35	90°	1
GGP-0-P22-0-1	1-10-50-04-00-GGP	60	60	-	0°	1
GGP-1-P13-0-3-E	1-10-50-09-00-GGP	100	100	60	0°	1
GGP-1-P13-0-3	1-10-50-10-00-GGP	100	100	60	0°	1
GGP-1-P13-90-3-E	1-10-50-11-00-GGP	100	100	70	90°	1
GGP-1-P13-90-3	1-10-50-12-00-GGP	100	100	70	90°	1
GGP-1-P22-0-1	1-10-50-13-00-GGP	100	100	-	0°	1
GGP-1-P22-0-2	1-10-50-14-00-GGP	100	100	60	0°	1
GGP-1-P22-0-2-E	1-10-50-15-00-GGP	100	100	60	0°	1
GGP-2-P22-0-3-E	1-10-50-19-00-GGP	160	160	120	0°	1
GGP-2-P22-0-3	1-10-50-20-00-GGP	160	160	120	0°	1
GGP-2-P22-90-3-E	1-10-50-21-00-GGP	160	160	120	90°	1
GGP-2-P22-90-3	1-10-50-22-00-GGP	160	160	120	90°	1
GGP-3-P22-0-3-E	1-10-50-29-00-GGP	250	250	200	0°	1
GGP-3-P22-0-3	1-10-50-30-00-GGP	250	250	200	0°	1
GGP-3-P22-90-3	1-10-50-32-00-GGP	250	250	200	90°	1

\*packing unit

GGP-GF-P / EOAT Ground Plate spring loaded with Prism



Desc.	Article Nr.	A	B	C	D	PU*
GGP-1-GF-P13-2	1-10-11-60-00-GGP	100	100	50	P13	1
GGP-2-GF-P22-2	1-10-11-64-00-GGP	160	160	85	P22	1
GGP-3-GF-P22-3	1-10-11-68-00-GGP	250	250	85	P22	1

\*packing unit

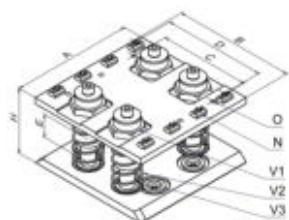
GGP / EOAT Ground Plate - Aluminum



Desc.	Article Nr.	A	B	C	D	PU*
GGP-01	1-10-40-02-00-GGP	40	40	-	-	1
GGP-0	1-10-40-04-00-GGP	60	60	35	35	1
GGP-0-X	1-10-40-05-00-GGP	60	60	35	35	1
GGP-1	1-10-40-10-00-GGP	100	100	70	70	1
GGP-1-X	1-10-40-11-00-GGP	100	100	70	70	1
GGP-2	1-10-40-20-00-GGP	160	160	120	120	1
GGP-2-X	1-10-40-21-00-GGP	160	160	120	120	1
GGP-3	1-10-40-30-00-GGP	250	250	200	200	1
GGP-3-X	1-10-40-31-00-GGP	250	250	200	200	1

\*packing unit

GGP-GF / EOAT Ground Plate spring loaded

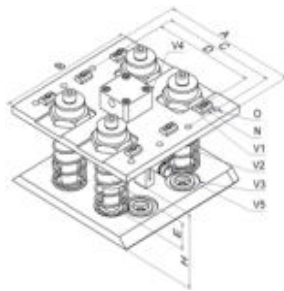


Desc.	Article Nr.	A	B	C	D	PU*
GGP-1-GF-S-X	1-10-11-10-00-GGP	100	100	-	75	1
GGP-2-GF-X	1-10-11-12-00-GGP	160	160	-	120	1
GGP-2-GF-L	1-10-11-13-00-GGP	160	160	135	-	1
GGP-3-GF-X	1-10-11-14-00-GGP	250	250	-	200	1
GGP-3-GF-L	1-10-11-15-00-GGP	250	250	215	-	1

\*packing unit



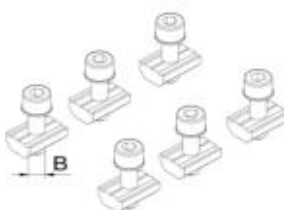
GGP-GF-SA / EOAT Ground Plate spring loaded - Stop Cylinder



Desc.	Article Nr.	A	B	C	D	PU*
GGP-1-GF-SA-S-X	1-10-12-10-00-GGP	100	100	-	75	1
GGP-2-GF-SA-X	1-10-12-12-00-GGP	160	160	-	120	1
GGP-2-GF-SA-L	1-10-12-13-00-GGP	160	160	135	-	1
GGP-3-GF-SA-X	1-10-12-14-00-GGP	250	250	-	200	1
GGP-3-GF-SA-L	1-10-12-15-00-GGP	250	250	215	-	1

\*packing unit

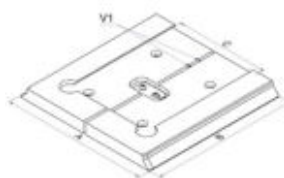
BP-GGP / Fastening Kit for Ground Plate spring loaded



Desc.	Article Nr.	A	B	C	D	PU*
BP-GGP-1-S-X	1-99-99-00-01-000	-	M5	-	-	1
BP-GGP-2-X	1-99-99-00-02-000	-	M5	-	-	1
BP-GGP-2-L	1-99-99-00-03-000	-	M6	-	-	1
BP-GGP-3-X	1-99-99-00-04-000	-	M5	-	-	1
BP-GGP-3-L	1-99-99-00-05-000	-	M6	-	-	1

\*packing unit

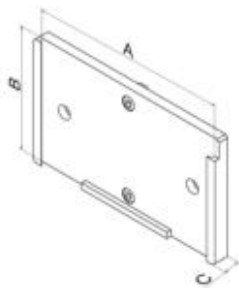
GGR / Ground Plate Reduction



Desc.	Article Nr.	A	B	C	D	PU*
GGR-1-0	1-10-12-50-00-GGR	100	100	60	-	1
GGR-2-1	1-10-12-52-00-GGR	160	160	100	-	1
GGR-3-2	1-10-12-54-00-GGR	250	250	160	-	1

\*packing unit

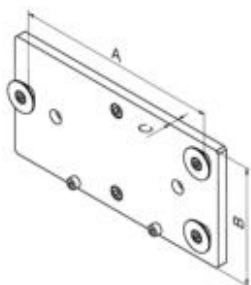
GWH / EOAT Wall Mount



Desc.	Article Nr.	A	B	C	D	PU*
GWH-01	1-10-60-16-00-GWH	40	40	10	-	1
GWH-0	1-10-60-18-00-GWH	60	50	10	-	1
GWH-1	1-10-60-20-00-GWH	100	60	10	-	1
GWH-2	1-10-60-22-00-GWH	160	100	12	-	1
GWH-3	1-10-60-24-00-GWH	250	120	12	-	1

\*packing unit

GWH-E / EOAT Wall Mount



Desc.	Article Nr.	A	B	C	D	PU*
GWH-01-E	1-10-60-30-00-GWH	40	40	6	-	1
GWH-0-E	1-10-60-32-00-GWH	60	50	8	-	1
GWH-1-E	1-10-60-34-00-GWH	100	60	8	-	1
GWH-2-E	1-10-60-36-00-GWH	160	105	8	-	1
GWH-3-E	1-10-60-38-00-GWH	250	150	8	-	1

\*packing unit

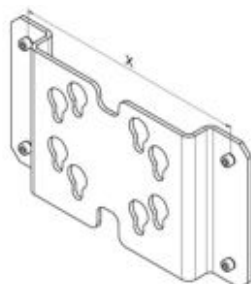
GWH-VA / EOAT Wall Mount Stainless



Desc.	Article Nr.	A	B	C	D	PU*
GWH-1-VA	1-10-60-06-00-GWH	100	100	-	-	1
GWH-2-VA	1-10-60-08-00-GWH	160	160	-	-	1
GWH-3-VA	1-10-60-10-00-GWH	250	250	-	-	1

\*packing unit

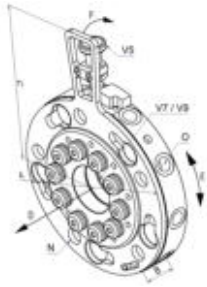
GWH-R / EOAT Wall Mount for EOAT Quick Change System Rd - Loose side



Desc.	Article Nr.	A	B	C	D	PU*
GWH-R-10	1-10-60-80-00-GWH	161	-	-	-	1
GWH-R-20	1-10-60-90-00-GWH	236	-	-	-	1

\*packing unit

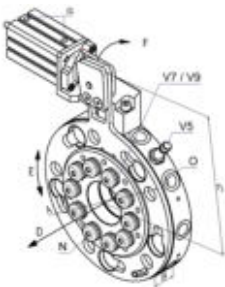
GWS-R-K / EOAT Quick Change System Round - Fixed



Desc.	Article Nr.	A	B	C	D	PU*
GWS-R-5-K	1-10-81-10-00-GWS	50	19	60	5kg	1
GWS-R-10-K	1-10-81-20-00-GWS	90	18	100	40Kg	1
GWS-R-20-K	1-10-81-30-00-GWS	150	26	137	100Kg	1

\*packing unit

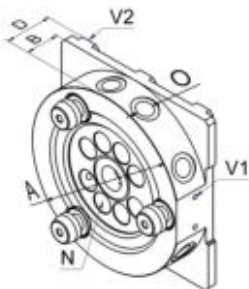
GWS-R-K-V / EOAT Quick Change System Round - Fixed Automatic Lock



Desc.	Article Nr.	A	B	C	D	PU*
GWS-R-10-K-V	1-10-82-20-00-GWS	90	21	100	40Kg	1
GWS-R-20-K-V	1-10-82-30-00-GWS	150	26	137	1000N	1

\*packing unit

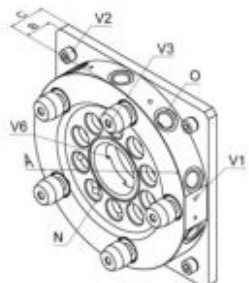
GGP-R-P / EOAT Quick Change System Round with Prism



Desc.	Article Nr.	A	B	C	D	PU*
GGP-R-5-P13	1-10-81-66-00-GGP	50	18	P13	25	1
GGP-R-10-P13	1-10-81-70-00-GGP	90	18	P13	25	1
GGP-R-10-P22	1-10-81-72-00-GGP	90	18	P22	25	1
GGP-R-20-P22	1-10-81-80-00-GGP	150	22	P22	30	1

\*packing unit

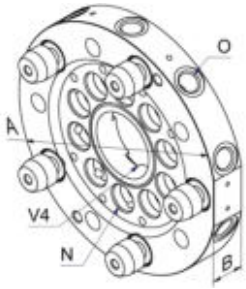
GGP-R-X / EOAT Quick Change System Round for X-Profil



Desc.	Article Nr.	A	B	C	D	PU*
GGP-R-5-X	1-10-81-40-00-GGP	50	18	24	-	1
GGP-R-10-X	1-10-81-50-00-GGP	90	18	24	-	1
GGP-R-20-X	1-10-81-60-00-GGP	150	22	30	-	1

\*packing unit

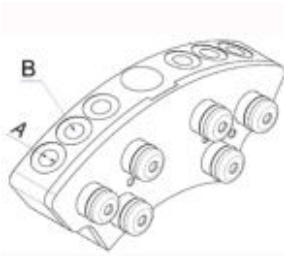
GGP-R-K / EOAT Quick Change System Round - Loose side



Desc.	Article Nr.	A	B	C	D	PU*
GGP-R-5-K	1-10-79-40-00-GGP	50	15	-	-	1
GGP-R-10-K	1-10-79-50-00-GGP	90	16	-	-	1
GGP-R-20-K	1-10-79-60-00-GGP	150	21	-	-	1

\*packing unit

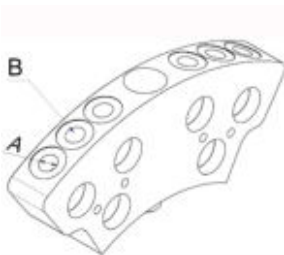
LAE-GWS-R-K / Air connection extension for GWS-R-K



Desc.	Article Nr.	A	B	C	D	PU*
LAE-15-GWS-R-20-K	1-10-82-70-00-LAE	G1/4	15	-	-	1

\*packing unit

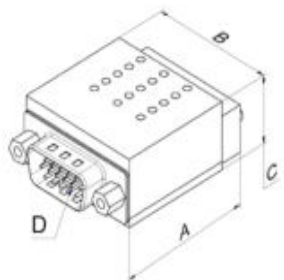
LAE-GGP-R-K / Air connection extension for GGP-R-K



Desc.	Article Nr.	A	B	C	D	PU*
LAE-15-GGP-R-20-K	1-10-82-50-00-LAE	G1/4	15	-	-	1

\*packing unit

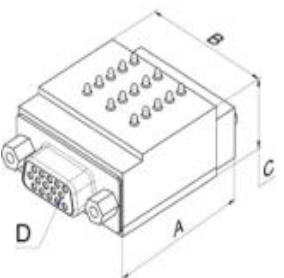
EST-GWS-R-K / Electro Connector for EOAT Quick Change



Desc.	Article Nr.	A	B	C	D	PU*
EST-GWS-R-K	1-10-81-86-00-EST	35	31	16	15	1

\*packing unit

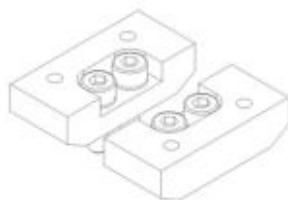
EST-GGP-R-K / Electro Connector for EOAT Quick Change GGP



Desc.	Article Nr.	A	B	C	D	PU*
EST-GGP-R-K	1-10-81-96-00-EST	35	31	16,5	15	1

\*packing unit

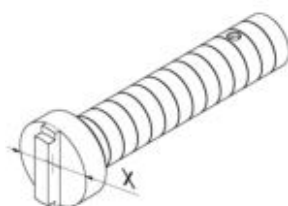
ANP-EST-R-5-K / Adaptation EST-R-K to GGP-R-5-K+GWS-R-5-K



Desc.	Article Nr.	A	B	C	D	PU*	
ANP-EST-R-5-K Set	1-10-81-99-00-ANP	EST-GGP-R-K	EST-GWS-R-K	GGP-R-5-K	GWS-R-5-K	2	

\*packing unit

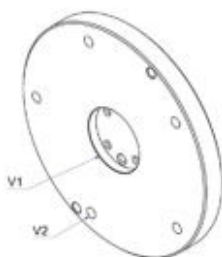
WZG-GGP-R-K / Tool for EOAT Groundplate GGP-R-K



Desc.	Article Nr.	A	B	C	D	PU*	
WZG-GGP-R-10-K	1-10-98-10-00-WZG	-	-	-	-	1	
WZG-GGP-R-20-K	1-10-98-12-00-WZG	-	-	-	-	1	

\*packing unit

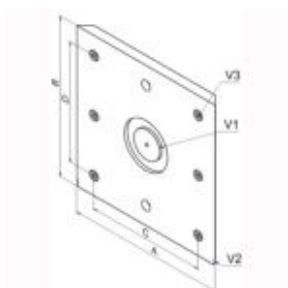
ADA-GWS-R-K-BAR / Adapter for GWS-R-K with hole pattern adaption for Robot



Desc.	Article Nr.	A	B	C	D	PU*	
ADA-GWS-R-10-K-BAR	1-10-83-20-00-ADA					1	
ADA-GWS-R-20-K-BAR	1-10-83-30-00-ADA					1	

\*packing unit

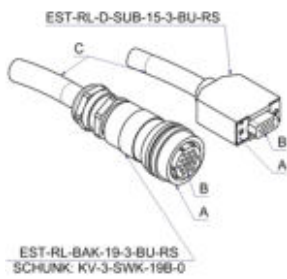
GGP-CO / EOAT Ground Plate Coded RFID-Responder



Desc.	Article Nr.	A	B	C	D	PU*	
GGP-1-X-CO	1-10-40-16-00-GGP	100	100	70	70	1	
GGP-2-X-CO	1-10-40-26-00-GGP	160	160	120	120	1	
GGP-3-X-CO	1-10-40-36-00-GGP	250	250	200	200	1	

\*packing unit

EST-RL-BU-RS / Plug Connection Female with Robot Cable, Robot side



Desc.	Article Nr.	A	B	C	D	PU*
EST-RL-D-SUB-15-3-BU-RS	1-97-99-30-00-EST	D-SUB	15	3m		1
EST-RL-BAK-19-3-BU-RS	1-97-99-40-00-EST	BAK	19	3m		1

\*packing unit

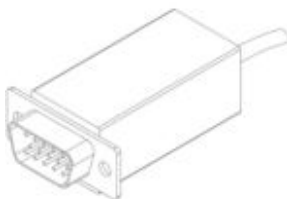
EST-RL-ST-GS / Plug Connection Male with Robot Cable, EOAT side



Desc.	Article Nr.	A	B	C	D	PU*
EST-RL-D-SUB-15-3-ST-GS	1-97-99-70-00-EST	D-SUB	15	3m		1
EST-RL-BAK-19-3-ST-GS	1-97-99-80-00-EST	BAK	19	3m		1

\*packing unit

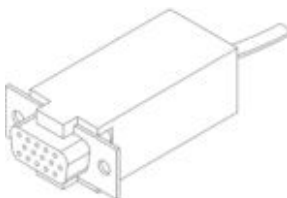
EST-K-ST / Electro Connector Male with cable



Desc.	Article Nr.	A	B	C	D	PU*
EST-K-ST-GGP-11-15	1-97-00-40-00-EST	-	-	-	-	1
EST-K-ST-GGP-20-19	1-97-00-50-00-EST	-	-	-	-	1

\*packing unit

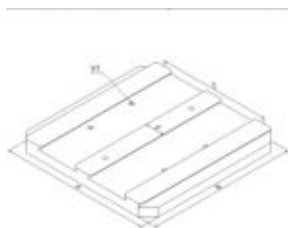
EST-K-BU / Electro Connector Female with cable



Desc.	Article Nr.	A	B	C	D	PU*
EST-K-BU-GWS-11-15	1-97-00-42-00-EST	-	-	-	-	1
EST-K-BU-GWS-20-19	1-97-00-52-00-EST	-	-	-	-	1

\*packing unit

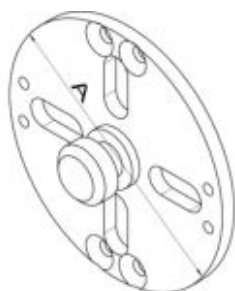
GGP-P-S / Gripper Ground Plate with SEPRO hole pattern



Desc.	Article Nr.	A	B	C	D	PU*	
GGP-1-P13-3-SEG-90	1-10-95-34-00-GGP	100	100	70		1	
GGP-2-P22-3-SEG-120	1-10-95-42-00-GGP	160	160	120		1	
GGP-2-P22-3-SEG-135	1-10-95-48-00-GGP	160	160	120		1	
GGP-3-P22-3-SEG-146	1-10-95-50-00-GGP	250	250	200		1	

\*packing unit

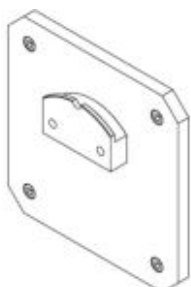
SEG / SEPRO Ground plate



Desc.	Article Nr.	A	B	C	D	PU*	
SEG-90	1-10-95-02-00-SEG	90				1	
SEG-120	1-10-95-04-00-SEG	120				1	
SEG-135	1-10-95-06-00-SEG	135				1	
SEG-146	1-10-95-08-00-SEG	146				1	

\*packing unit

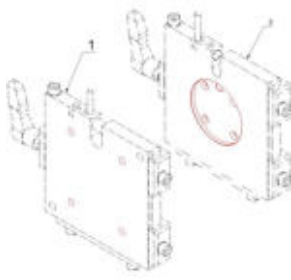
GWH-SEG / EOAT Wall Mount for SEPRO Groundplate



Desc.	Article Nr.	A	B	C	D	PU*	
GWH-SEG-135	1-10-95-96-00-GWH	-	-	-	-	1	

\*packing unit

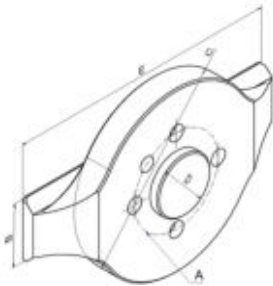
## BAR / Hole Pattern Adaptation to Robot



Desc.	Article Nr.	A	B	C	D	PU*
BAR-01-0-1-E	1-10-99-02-00-BAR	-01,-0,-1				1
BAR-01-0-1-K	1-10-99-02-02-BAR	-01,-0,-1				1
BAR-2-3-E	1-10-99-02-10-BAR	-2,-3				1
BAR-2-3-K	1-10-99-02-12-BAR	-2,-3				1

\*packing unit

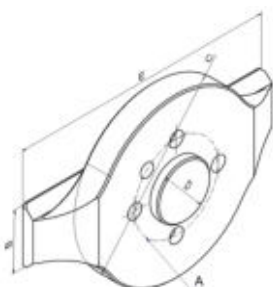
## ADP-ISO-P / Adapter Plate with ISO Flange Pattern and Prism



Desc.	Article Nr.	A	B	C	D	PU*
ADP-ISO31.5-P13	1-10-64-09-00-ADP	31,5	P13	Ø60	20	1
ADP-ISO31.5-P22	1-10-64-10-00-ADP	31,5	P22	Ø60	20	1
ADP-ISO40-P13	1-10-64-17-00-ADP	40	P13	Ø80	25	1
ADP-ISO40-P22	1-10-64-18-00-ADP	40	P22	Ø80	25	1
ADP-ISO50-P13	1-10-64-25-00-ADP	50	P13	Ø100	31,5	1
ADP-ISO50-P22	1-10-64-26-00-ADP	50	P22	Ø100	31,5	1
ADP-ISO63-P13	1-10-64-33-00-ADP	63	P13	Ø120	40	1
ADP-ISO63-P22	1-10-64-34-00-ADP	63	P22	Ø120	40	1

\*packing unit

## ADP-DFB-P / Adapter plate with various Flange Pattern and Prism



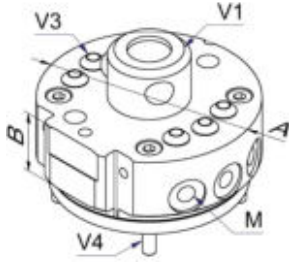
Desc.	Article Nr.	A	B	C	D	PU*
ADP-DFB-31,5-5-12-P22	1-10-66-20-00-ADP	31,5	P22	60	12	1
ADP-DFB-56-4-62-P22	1-10-66-40-00-ADP	56	P22	114	62	1

\*packing unit



## 11 SCHUNK GRIPPER / EOAT Quick Change System

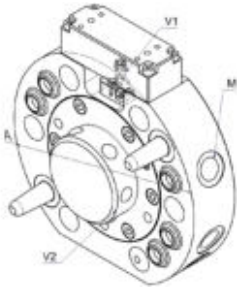
SWK (SWS) / Quick Change System - Robot side



Desc.	Article Nr.	A	B	C	D	PU*
SWK-011-000-000	1-11-10-06-00-SWK	50	16	-	-	1
SWK-021-000-000	1-11-10-11-00-SWK	95	22,1	-	-	1
SWK-040-000-000	1-11-10-14-00-SWK	115	35	-	-	1
SWK-060-000-000	1-11-10-20-00-SWK	130	24	-	-	1

\*packing unit

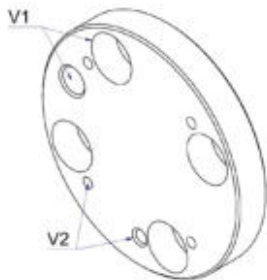
SWK-ABF (SWS) / Quick Change System Piston Stroke Control



Desc.	Article Nr.	A	B	C	D	PU*
SWK-011-000-000-SIP-IN041	1-11-10-56-00-SWK	50	16			1
SWK-021-000-000-SIP-IN041	1-11-10-60-00-SWK	95	22			1
SWK-040Q-000-000-SG	1-11-10-66-00-SWK	115	35			1
SWK-076-000-000-SG	1-11-10-74-00-SWK	160	37			1

\*packing unit

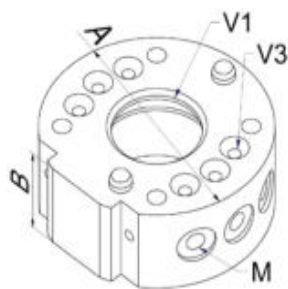
ADA-SWK-BAR / Adapter for SWK with hole pattern adaptation to robot



Desc.	Article Nr.	A	B	C	D	PU*
ADA-SWK-011-BAR	1-11-14-56-00-ADA					1
ADA-SWK-040-BAR	1-11-14-66-00-ADA					1
ADA-SWK-060-BAR	1-11-14-70-00-ADA					1

\*packing unit

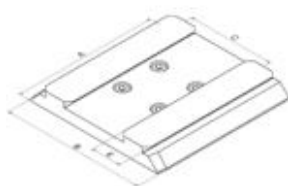
SWA (SWS) / Quick-Change-System - EOAT side



Desc.	Article Nr.	A	B	C	D	PU*	
SWA-011-000-000	1-11-12-06-00-SWA	50	21	-	-	1	
SWA-021-000-000	1-11-12-10-00-SWA	95	24	-	-	1	
SWA-040-000-000	1-11-12-14-00-SWA	115	27	-	-	1	
SWA-060-000-000	1-11-12-20-00-SWA	130	23	-	-	1	
SWA-076-000-000	1-11-12-24-00-SWA	160	31	-	-	1	

\*packing unit

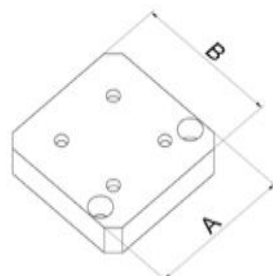
ADA-SWA-P / Adapterplate for SWA with Prism



Desc.	Article Nr.	A	B	C	D	PU*	
ADA-SWA-011-P13-2	1-11-14-06-00-ADA	100	100	60	0°	1	
ADA-SWA-021-P22-3	1-11-14-10-00-ADA	160	160	120	0°	1	
ADA-SWA-040-P22-3	1-11-14-16-00-ADA	160	160	120	0°	1	
ADA-SWA-060-P22-3	1-11-14-20-00-ADA	250	250	200	0°	1	
ADA-SWA-076-P22-3	1-11-14-24-00-ADA	250	250	200	0°	1	

\*packing unit

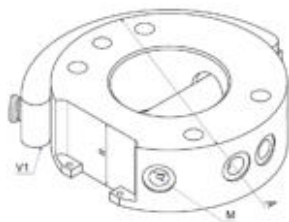
AGR-SWA-X / Adapter for SWA with X-Profile



Desc.	Article Nr.	A	B	C	D	PU*	
AGR-SWA-011-X	1-10-80-60-00-AGR	50	50	-	-	1	
AGR-SWA-021-X	1-10-80-64-00-AGR	90	90	-	-	1	
AGR-SWA-040-X	1-10-80-68-00-AGR	115	115	-	-	1	
AGR-SWA-060-L	1-10-80-72-00-AGR	160	160	-	-	1	

\*packing unit

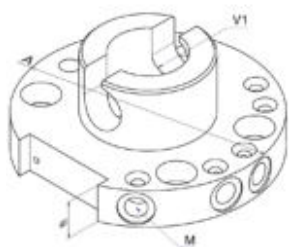
HWK (HWS) / Quick Change Manual - Robot side



Desc.	Article Nr.	A	B	C	D	PU*
HWK-063-000-000	1-11-16-10-00-HWK	80	30,5			1
HWK-080-000-000	1-11-16-12-00-HWK	100	32			1
HWK-100-000-000	1-11-16-14-00-HWK	125	38			1
HWK-125-000-000	1-11-16-16-00-HWK	160	50			1

\*packing unit

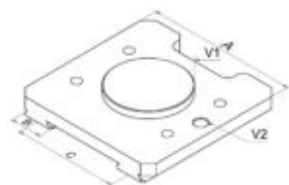
HWA (HWS) / Quick Change Manual - EOAT side



Desc.	Article Nr.	A	B	C	D	PU*
HWA-063-000-000	1-11-18-10-00-HWA	80	16			1
HWA-080-000-000	1-11-18-12-00-HWA	100	16			1
HWA-100-000-000	1-11-18-14-00-HWA	125	28			1
HWA-125-000-000	1-11-18-16-00-HWA	160	28			1

\*packing unit

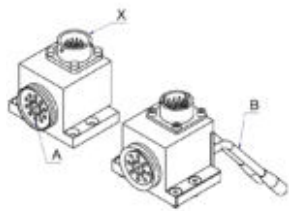
ADA-HWA / Adapterplate for Quick Change System - EOAT side



Desc.	Article Nr.	A	B	C	D	PU*
ADA-HWA-063-P13-2	1-11-20-10-00-ADA	80	P13	60		1
ADA-HWA-080-P22-2	1-11-20-12-00-ADA	100	P22	70		1
ADA-HWA-100-P22-3	1-11-20-14-00-ADA	125	P22	100		1
ADA-HWA-125-P22-3	1-11-20-16-00-ADA	160	P22	125		1

\*packing unit

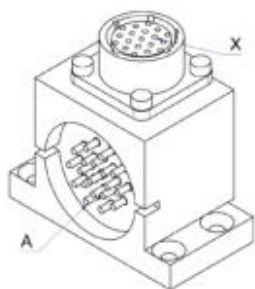
SWO-K / Electric plug for Quick Change System



Desc.	Article Nr.	A	B	C	D	PU*	
SWO-A15-K	1-11-98-10-00-SWO	15	---			1	
SWO-K19-K	1-11-98-20-00-SWO	19	---			1	
SWO-R19-K	1-11-98-30-00-SWO	19	---			1	
SWO-R19W-K	1-11-98-32-00-SWO	15(19)	2			1	

\*packing unit

SWO-A / Electric plug for Quick Change System

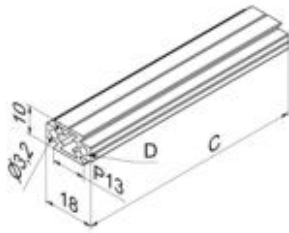


Desc.	Article Nr.	A	B	C	D	PU*	
SWO-A15-A	1-11-98-11-00-SWO	15				1	
SWO-K19-A	1-11-98-21-00-SWO	19				1	
SWO-R19-A	1-11-98-31-00-SWO	19				1	

\*packing unit

## 15 Profile

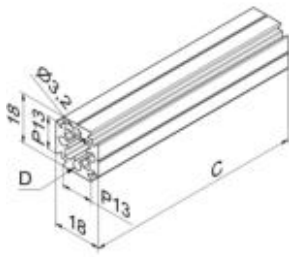
### SPP-18-10 / Small Prism Profile



Desc.	Article Nr.	A	B	C	D	PU*
SPP-18-10-P13-0001	1-15-80-00-01-SPP	-	-	1	M4	1
SPP-18-10-P13-500	1-15-80-00-05-SPP	-	-	500	M4	1
SPP-18-10-P13-1000	1-15-80-00-10-SPP	-	-	1000	M4	1
SPP-18-10-P13-1500	1-15-80-00-15-SPP	-	-	1500	M4	1
SPP-18-10-P13-2000	1-15-80-00-20-SPP	-	-	2000	M4	1
SPP-18-10-P13-6000	1-15-80-00-39-SPP	-	-	6000	M4	1
SPP-18-10-P13-50	1-15-81-02-05-SPP	-	-	50	M4	1
SPP-18-10-P13-100	1-15-81-02-10-SPP	-	-	100	M4	1
SPP-18-10-P13-150	1-15-81-02-15-SPP	-	-	150	M4	1
SPP-18-10-P13-200	1-15-81-02-20-SPP	-	-	200	M4	1
SPP-18-10-P13-250	1-15-81-02-25-SPP	-	-	250	M4	1
SPP-18-10-P13-300	1-15-81-02-30-SPP	-	-	300	M4	1
SPP-18-10-P13-350	1-15-81-02-35-SPP	-	-	350	M4	1
SPP-18-10-P13-400	1-15-81-02-40-SPP	-	-	400	M4	1
SPP-18-10-P13-450	1-15-81-02-45-SPP	-	-	450	M4	1
SPP-18-10-P13-550	1-15-81-02-55-SPP	-	-	550	M4	1
SPP-18-10-P13-600	1-15-81-02-60-SPP	-	-	600	M4	1
SPP-18-10-P13-650	1-15-81-02-65-SPP	-	-	650	M4	1
SPP-18-10-P13-700	1-15-81-02-70-SPP	-	-	700	M4	1
SPP-18-10-P13-750	1-15-81-02-75-SPP	-	-	750	M4	1
SPP-18-10-P13-800	1-15-81-02-80-SPP	-	-	800	M4	1
SPP-18-10-P13-850	1-15-81-02-85-SPP	-	-	850	M4	1
SPP-18-10-P13-900	1-15-81-02-90-SPP	-	-	900	M4	1
SPP-18-10-P13-950	1-15-81-02-95-SPP	-	-	950	M4	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

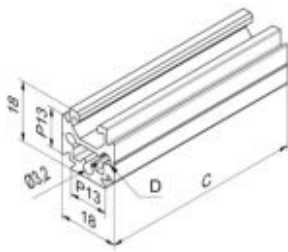
SPP-18-18 / Small Prism Profile



Desc.	Article Nr.	A	B	C	D	PU*
SPP-18-18-P13-0001	1-15-80-00-23-SPP	-	-	1	M4	1
SPP-18-18-P13-500	1-15-80-00-25-SPP	-	-	500	M4	1
SPP-18-18-P13-1000	1-15-80-00-30-SPP	-	-	1000	M4	1
SPP-18-18-P13-1500	1-15-80-00-35-SPP	-	-	1500	M4	1
SPP-18-18-P13-2000	1-15-80-00-40-SPP	-	-	2000	M4	1
SPP-18-18-P13-6000	1-15-80-00-49-SPP	-	-	6000	M4	1
SPP-18-18-P13-50	1-15-81-05-05-SPP	-	-	50	M4	1
SPP-18-18-P13-100	1-15-81-05-10-SPP	-	-	100	M4	1
SPP-18-18-P13-150	1-15-81-05-15-SPP	-	-	150	M4	1
SPP-18-18-P13-200	1-15-81-05-20-SPP	-	-	200	M4	1
SPP-18-18-P13-250	1-15-81-05-25-SPP	-	-	250	M4	1
SPP-18-18-P13-300	1-15-81-05-30-SPP	-	-	300	M4	1
SPP-18-18-P13-350	1-15-81-05-35-SPP	-	-	350	M4	1
SPP-18-18-P13-400	1-15-81-05-40-SPP	-	-	400	M4	1
SPP-18-18-P13-450	1-15-81-05-45-SPP	-	-	450	M4	1
SPP-18-18-P13-550	1-15-81-05-55-SPP	-	-	550	M4	1
SPP-18-18-P13-600	1-15-81-05-60-SPP	-	-	600	M4	1
SPP-18-18-P13-650	1-15-81-05-65-SPP	-	-	650	M4	1
SPP-18-18-P13-700	1-15-81-05-70-SPP	-	-	700	M4	1
SPP-18-18-P13-750	1-15-81-05-75-SPP	-	-	750	M4	1
SPP-18-18-P13-800	1-15-81-05-80-SPP	-	-	800	M4	1
SPP-18-18-P13-850	1-15-81-05-85-SPP	-	-	850	M4	1
SPP-18-18-P13-900	1-15-81-05-90-SPP	-	-	900	M4	1
SPP-18-18-P13-950	1-15-81-05-95-SPP	-	-	950	M4	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

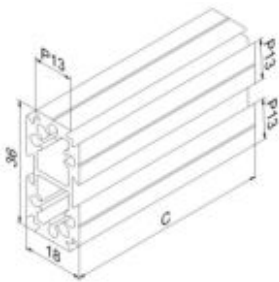
SPP-18-18-N / Small Prism Profile



Desc.	Article Nr.	A	B	C	D	PU*
SPP-18-18-P13-N-0001	1-15-80-00-43-SPP	-	-	1	M4	1
SPP-18-18-P13-N-0500	1-15-80-00-45-SPP	-	-	500	M4	1
SPP-18-18-P13-N-1000	1-15-80-00-50-SPP	-	-	1000	M4	1
SPP-18-18-P13-N-1500	1-15-80-00-55-SPP	-	-	1500	M4	1
SPP-18-18-P13-N-2000	1-15-80-00-60-SPP	-	-	2000	M4	1
SPP-18-18-P13-N-6000	1-15-80-00-69-SPP	-	-	6000	M4	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

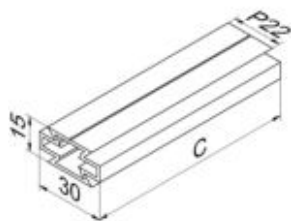
SPP-36-18 / PreciGrip Profile



Desc.	Article Nr.	A	B	C	D	PU*
SPP-36-18-P13-1000	1-15-80-01-30-SPP	-	-	1000	M4	1
SPP-36-18-P13-2000	1-15-80-01-50-SPP	-	-	2000	M4	1
SPP-36-18-P13-0001	1-15-81-50-01-SPP	-	-	1	M4	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

MPP-30-15 / Middle Prism Profile

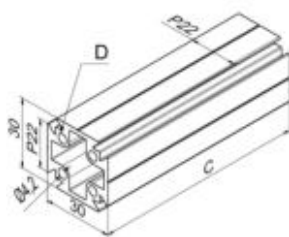


Desc.	Article Nr.	A	B	C	D	PU*
MPP-30-15-P22-0001	1-15-80-02-01-MPP	-	-	1	-	1
MPP-30-15-P22-500	1-15-80-02-05-MPP	-	-	500	-	1
MPP-30-15-P22-1000	1-15-80-02-10-MPP	-	-	1000	-	1
MPP-30-15-P22-1500	1-15-80-02-15-MPP	-	-	1500	-	1
MPP-30-15-P22-2000	1-15-80-02-20-MPP	-	-	2000	-	1
MPP-30-15-P22-6000	1-15-80-02-29-MPP	-	-	6000	-	1
MPP-30-15-P22-50	1-15-81-08-05-MPP	-	-	50	-	1
MPP-30-15-P22-100	1-15-81-08-10-MPP	-	-	100	-	1
MPP-30-15-P22-150	1-15-81-08-15-MPP	-	-	150	-	1
MPP-30-15-P22-200	1-15-81-08-20-MPP	-	-	200	-	1
MPP-30-15-P22-250	1-15-81-08-25-MPP	-	-	250	-	1
MPP-30-15-P22-300	1-15-81-08-30-MPP	-	-	300	-	1
MPP-30-15-P22-350	1-15-81-08-35-MPP	-	-	350	-	1
MPP-30-15-P22-400	1-15-81-08-40-MPP	-	-	400	-	1
MPP-30-15-P22-450	1-15-81-08-45-MPP	-	-	450	-	1
MPP-30-15-P22-550	1-15-81-08-55-MPP	-	-	550	-	1
MPP-30-15-P22-600	1-15-81-08-60-MPP	-	-	600	-	1
MPP-30-15-P22-650	1-15-81-08-65-MPP	-	-	650	-	1
MPP-30-15-P22-700	1-15-81-08-70-MPP	-	-	700	-	1
MPP-30-15-P22-750	1-15-81-08-75-MPP	-	-	750	-	1
MPP-30-15-P22-800	1-15-81-08-80-MPP	-	-	800	-	1
MPP-30-15-P22-850	1-15-81-08-85-MPP	-	-	850	-	1
MPP-30-15-P22-900	1-15-81-08-90-MPP	-	-	900	-	1
MPP-30-15-P22-950	1-15-81-08-95-MPP	-	-	950	-	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit



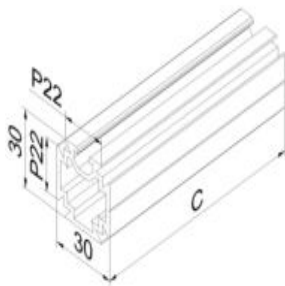
MPP-30-30 / Middle Prism Profile



Desc.	Article Nr.	A	B	C	D	PU*
MPP-30-30-P22-0001	1-15-80-02-23-MPP	-	-	1	M5	1
MPP-30-30-P22-0500	1-15-80-02-25-MPP	-	-	500	M5	1
MPP-30-30-P22-1000	1-15-80-02-30-MPP	-	-	1000	M5	1
MPP-30-30-P22-1500	1-15-80-02-35-MPP	-	-	1500	M5	1
MPP-30-30-P22-2000	1-15-80-02-40-MPP	-	-	2000	M5	1
MPP-30-30-P22-6000	1-15-80-02-49-MPP	-	-	6000	M5	1
MPP-30-30-P22-50	1-15-81-11-05-MPP	-	-	50	M5	1
MPP-30-30-P22-100	1-15-81-11-10-MPP	-	-	100	M5	1
MPP-30-30-P22-150	1-15-81-11-15-MPP	-	-	150	M5	1
MPP-30-30-P22-200	1-15-81-11-20-MPP	-	-	200	M5	1
MPP-30-30-P22-250	1-15-81-11-25-MPP	-	-	250	M5	1
MPP-30-30-P22-300	1-15-81-11-30-MPP	-	-	300	M5	1
MPP-30-30-P22-350	1-15-81-11-35-MPP	-	-	350	M5	1
MPP-30-30-P22-400	1-15-81-11-40-MPP	-	-	400	M5	1
MPP-30-30-P22-450	1-15-81-11-45-MPP	-	-	450	M5	1
MPP-30-30-P22-550	1-15-81-11-55-MPP	-	-	550	M5	1
MPP-30-30-P22-600	1-15-81-11-60-MPP	-	-	600	M5	1
MPP-30-30-P22-650	1-15-81-11-65-MPP	-	-	650	M5	1
MPP-30-30-P22-700	1-15-81-11-70-MPP	-	-	700	M5	1
MPP-30-30-P22-750	1-15-81-11-75-MPP	-	-	750	M5	1
MPP-30-30-P22-800	1-15-81-11-80-MPP	-	-	800	M5	1
MPP-30-30-P22-850	1-15-81-11-85-MPP	-	-	850	M5	1
MPP-30-30-P22-900	1-15-81-11-90-MPP	-	-	900	M5	1
MPP-30-30-P22-950	1-15-81-11-95-MPP	-	-	950	M5	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

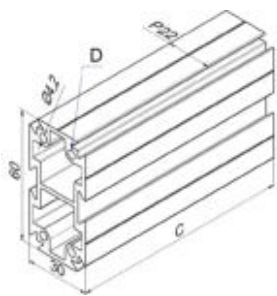
MPP-30-30-N / Middle Prism Profile



Desc.	Article Nr.	A	B	C	D	PU*
MPP-30-30-P22-N-0001	1-15-80-02-43-MPP	-	-	1	-	1
MPP-30-30-P22-N-0500	1-15-80-02-45-MPP	-	-	500	-	1
MPP-30-30-P22-N-1000	1-15-80-02-50-MPP	-	-	1000	-	1
MPP-30-30-P22-N-1500	1-15-80-02-55-MPP	-	-	1500	-	1
MPP-30-30-P22-N-2000	1-15-80-02-60-MPP	-	-	2000	-	1
MPP-30-30-P22-N-6000	1-15-80-02-69-MPP	-	-	6000	-	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

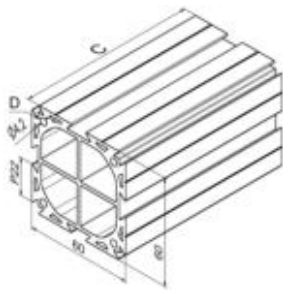
MPP-60-30 / Middle Prism Profile



Desc.	Article Nr.	A	B	C	D	PU*
MPP-60-30-P22-0001	1-15-80-02-73-MPP	-	-	1	M5	1
MPP-60-30-P22-500	1-15-80-02-75-MPP	-	-	500	M5	1
MPP-60-30-P22-1000	1-15-80-02-80-MPP	-	-	1000	M5	1
MPP-60-30-P22-1500	1-15-80-02-85-MPP	-	-	1500	M5	1
MPP-60-30-P22-2000	1-15-80-02-90-MPP	-	-	2000	M5	1
MPP-60-30-P22-6000	1-15-80-02-99-MPP	-	-	6000	M5	1
MPP-60-30-P22-50	1-15-81-14-05-MPP	-	-	50	M5	1
MPP-60-30-P22-100	1-15-81-14-10-MPP	-	-	100	M5	1
MPP-60-30-P22-150	1-15-81-14-15-MPP	-	-	150	M5	1
MPP-60-30-P22-200	1-15-81-14-20-MPP	-	-	200	M5	1
MPP-60-30-P22-250	1-15-81-14-25-MPP	-	-	250	M5	1
MPP-60-30-P22-300	1-15-81-14-30-MPP	-	-	300	M5	1
MPP-60-30-P22-350	1-15-81-14-35-MPP	-	-	350	M5	1
MPP-60-30-P22-400	1-15-81-14-40-MPP	-	-	400	M5	1
MPP-60-30-P22-450	1-15-81-14-45-MPP	-	-	450	M5	1
MPP-60-30-P22-550	1-15-81-14-55-MPP	-	-	550	M5	1
MPP-60-30-P22-600	1-15-81-14-60-MPP	-	-	600	M5	1
MPP-60-30-P22-650	1-15-81-14-65-MPP	-	-	650	M5	1
MPP-60-30-P22-700	1-15-81-14-70-MPP	-	-	700	M5	1
MPP-60-30-P22-750	1-15-81-14-75-MPP	-	-	750	M5	1
MPP-60-30-P22-800	1-15-81-14-80-MPP	-	-	800	M5	1
MPP-60-30-P22-850	1-15-81-14-85-MPP	-	-	850	M5	1
MPP-60-30-P22-900	1-15-81-14-90-MPP	-	-	900	M5	1
MPP-60-30-P22-950	1-15-81-14-95-MPP	-	-	950	M5	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

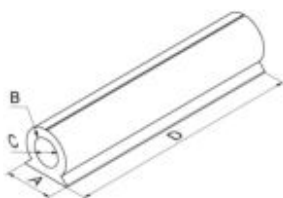
MPP-60-60 / Middle Prism Profile



Desc.	Article Nr.	A	B	C	D	PU*
MPP-60-60-P22-0001	1-15-80-04-03-MPP	-	-	1	M5	1
MPP-60-60-P22-0500	1-15-80-04-05-MPP	-	-	500	M5	1
MPP-60-60-P22-1000	1-15-80-04-10-MPP	-	-	1000	M5	1
MPP-60-60-P22-1500	1-15-80-04-20-MPP	-	-	1500	M5	1
MPP-60-60-P22-2000	1-15-80-04-25-MPP	-	-	2000	M5	1
MPP-60-60-P22-6000	1-15-80-04-29-MPP	-	-	6000	M5	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

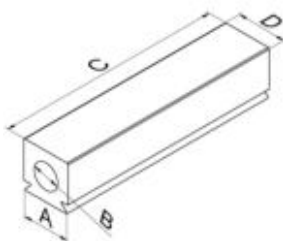
GGP-P-1000 / Gripperarm Profile Prism



Desc.	Article Nr.	A	B	C	D	PU*
GGP-P13-5-1000	1-40-50-70-00-GGS	P13	M5	4,2	1000	1
GGP-P22-14-1000	1-40-50-74-00-GGS	P22	G1/4	11,8	1000	1

\*packing unit

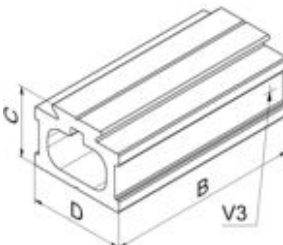
RGP-P-1000 / Tube grip profile Prism



Desc.	Article Nr.	A	B	C	D	PU*
RGP-P13-18-1000	1-40-51-10-00-RGP	P13	8,8	1000	18	1
RGP-P22-P22-14-1000	1-40-51-12-00-RGP	2x P22	11,8	1000	22	1

\*packing unit

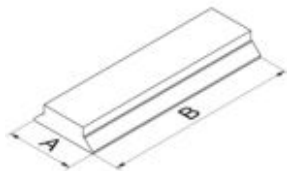
KSV-P-P / Clamp Profile Prism



Desc.	Article Nr.	A	B	C	D	PU*
KSV-P13-1000	1-30-51-60-00-KSV	P13	1000	14,5	20	1
KSV-P22-1000	1-30-51-70-00-KSV	P22	1000	19	26	1

\*packing unit

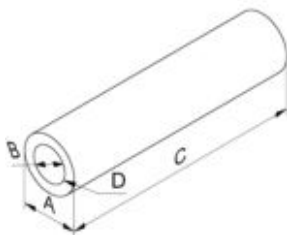
PRP / Prism Profile



Desc.	Article Nr.	A	B	C	D	PU*
PRP-P13-100	1-20-50-10-00-PRP	13	100	-	-	1
PRP-P22-120	1-20-50-12-00-PRP	22	120	-	-	1

\*packing unit

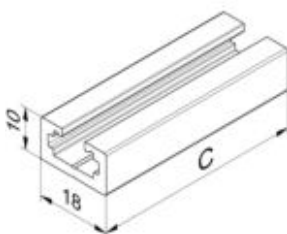
GAR / Gripper Arm Tube



Desc.	Article Nr.	A	B	C	D	PU*
GAR-10-4,2-1000	1-40-14-90-00-GAR	10	4,2	1000	M5	1
GAR-14-8,7-1000	1-40-14-92-00-GAR	14	8,8	1000	G1/8	1
GAR-20-11,8-1000	1-40-14-94-00-GAR	20	11,8	1000	G1/4	1
GAR-20-16-1000	1-40-14-95-00-GAR	20	16	1000	M17 x1	1
GAR-30-26-1000	1-40-14-96-00-GAR	30	26	1000	M27 x1	1

\*packing unit

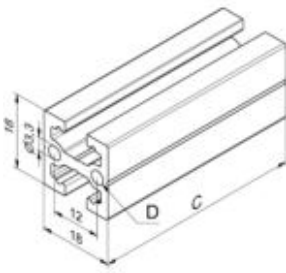
SPR-18-10 / Small C Profile



Desc.	Article Nr.	A	B	C	D	PU*
SPR-18-10-0001	1-15-10-08-01-SPR	-	-	1	-	1
SPR-18-10-0500	1-15-10-08-05-SPR	-	-	500	-	1
SPR-18-10-1000	1-15-10-08-10-SPR	-	-	1000	-	1
SPR-18-10-1500	1-15-10-08-15-SPR	-	-	1500	-	1
SPR-18-10-2000	1-15-10-08-20-SPR	-	-	2000	-	1
SPR-18-10-6000	1-15-10-08-60-SPR	-	-	6000	-	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

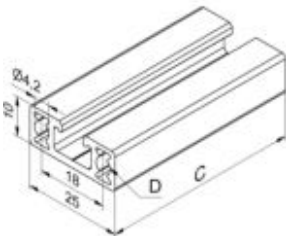
SPR-18-18 / Small C Profile



Desc.	Article Nr.	A	B	C	D	PU*
SPR-18-18-0001	1-15-10-08-30-SPR	-	-	1	M4	1
SPR-18-18-0500	1-15-10-08-35-SPR	-	-	500	M4	1
SPR-18-18-1000	1-15-10-08-40-SPR	-	-	1000	M4	1
SPR-18-18-1500	1-15-10-08-45-SPR	-	-	1500	M4	1
SPR-18-18-6000	1-15-10-08-49-SPR	-	-	6000	M4	1
SPR-18-18-2000	1-15-10-08-50-SPR	-	-	2000	M4	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

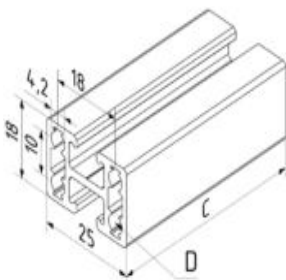
XPR-25-10 / X Profile



Desc.	Article Nr.	A	B	C	D	PU*
XPR-25-10-0001	1-15-10-08-51-XPR	-	-	1	M5	1
XPR-25-10-0500	1-15-10-08-55-XPR	-	-	500	M5	1
XPR-25-10-1000	1-15-10-08-60-XPR	-	-	1000	M5	1
XPR-25-10-1500	1-15-10-08-65-XPR	-	-	1500	M5	1
XPR-25-10-2000	1-15-10-08-70-XPR	-	-	2000	M5	1
XPR-25-10-6000	1-15-10-08-79-XPR	-	-	6000	M5	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

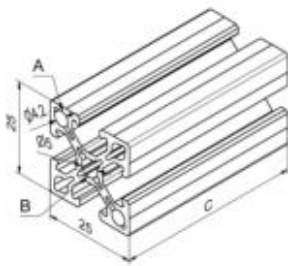
XPR-25-18 / X Profile



Desc.	Article Nr.	A	B	C	D	PU*
XPR-25-18-0001	1-15-10-08-71-XPR	-	-	1	M5	1
XPR-25-18-0500	1-15-10-08-75-XPR	-	-	500	M5	1
XPR-25-18-1000	1-15-10-08-80-XPR	-	-	1000	M5	1
XPR-25-18-1500	1-15-10-08-85-XPR	-	-	1500	M5	1
XPR-25-18-2000	1-15-10-08-90-XPR	-	-	2000	M5	1
XPR-25-18-6000	1-15-10-08-99-XPR	-	-	6000	M5	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

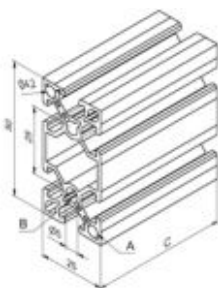
XPR-25-25 / X Profile



Desc.	Article Nr.	A	B	C	D	PU*
XPR-25-25-0001	1-15-10-11-00-XPR	M5	M6	1	-	1
XPR-25-25-0200	1-15-10-13-00-XPR	M5	M6	200	-	1
XPR-25-25-0250	1-15-10-14-00-XPR	M5	M6	250	-	1
XPR-25-25-0300	1-15-10-15-00-XPR	M5	M6	300	-	1
XPR-25-25-0350	1-15-10-16-00-XPR	M5	M6	350	-	1
XPR-25-25-0400	1-15-10-17-00-XPR	M5	M6	400	-	1
XPR-25-25-0450	1-15-10-18-00-XPR	M5	M6	450	-	1
XPR-25-25-0500	1-15-10-19-00-XPR	M5	M6	500	-	1
XPR-25-25-0550	1-15-10-20-00-XPR	M5	M6	550	-	1
XPR-25-25-0600	1-15-10-21-00-XPR	M5	M6	600	-	1
XPR-25-25-0650	1-15-10-22-00-XPR	M5	M6	650	-	1
XPR-25-25-0700	1-15-10-23-00-XPR	M5	M6	700	-	1
XPR-25-25-0750	1-15-10-24-00-XPR	M5	M6	750	-	1
XPR-25-25-0800	1-15-10-25-00-XPR	M5	M6	800	-	1
XPR-25-25-0850	1-15-10-26-00-XPR	M5	M6	850	-	1
XPR-25-25-0900	1-15-10-27-00-XPR	M5	M6	900	-	1
XPR-25-25-0950	1-15-10-28-00-XPR	M5	M6	950	-	1
XPR-25-25-1000	1-15-10-29-00-XPR	M5	M6	1000	-	1
XPR-25-25-2000	1-15-10-30-00-XPR	M5	M6	2000	-	1
XPR-25-25-1500	1-15-10-33-00-XPR	M5	M6	1500	-	1
XPR-25-25-6000	1-15-10-40-00-XPR	M5	M6	6000	-	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

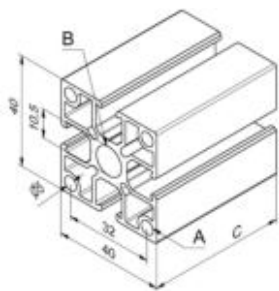
XPR-50-25 / X Profile



Desc.	Article Nr.	A	B	C	D	PU*
XPR-50-25-0001	1-15-12-15-00-XPR	M5	M6	1	-	1
XPR-50-25-0500	1-15-12-19-00-XPR	M5	M6	500	-	1
XPR-50-25-1000	1-15-12-28-00-XPR	M5	M6	1000	-	1
XPR-50-25-1500	1-15-12-29-00-XPR	M5	M6	1500	-	1
XPR-50-25-2000	1-15-12-30-00-XPR	M5	M6	2000	-	1
XPR-50-25-6000	1-15-12-40-00-XPR	M5	M6	6000	-	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

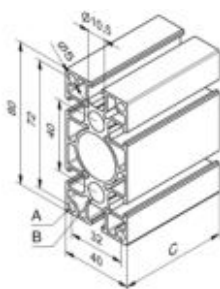
LPR-40-40 / Large X Profile



Desc.	Article Nr.	A	B	C	D	PU*
LPR-40-40-0001	1-15-13-00-01-LPR	M6	M12 x1,5	1	-	1
LPR-40-40-0500	1-15-13-00-05-LPR	M6	M12 x1,5	500	-	1
LPR-40-40-1000	1-15-13-00-10-LPR	M6	M12 x1,5	1000	-	1
LPR-40-40-1500	1-15-13-00-15-LPR	M6	M12 x1,5	1500	-	1
LPR-40-40-2000	1-15-13-00-20-LPR	M6	M12 x1,5	2000	-	1
LPR-40-40-6000	1-15-13-00-25-LPR	M6	M12 x1,5	6000	-	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

LPR-80-40 / Large X Profile



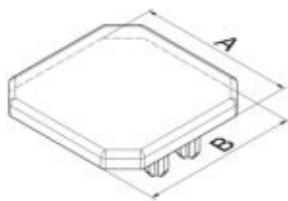
Desc.	Article Nr.	A	B	C	D	PU*
LPR-80-40-0001	1-15-13-00-26-LPR	M6	M12 x1,5	1	-	1
LPR-80-40-0500	1-15-13-00-28-LPR	M6	M12 x1,5	500	-	1
LPR-80-40-1000	1-15-13-00-30-LPR	M6	M12 x1,5	1000	-	1
LPR-80-40-1500	1-15-13-00-35-LPR	M6	M12 x1,5	1500	-	1
LPR-80-40-2000	1-15-13-00-40-LPR	M6	M12 x1,5	2000	-	1
LPR-80-40-6000	1-15-13-00-50-LPR	M6	M12 x1,5	6000	-	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit



## 20 Profile accessories

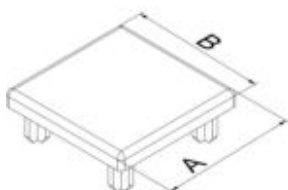
### PEK-P / Profile End Cap Prism



Desc.	Article Nr.	A	B	C	D	PU*
PEK-18-10-P13	1-20-10-60-00-PEK	18	10	-	-	10
PEK-18-18-P13	1-20-10-62-00-PEK	18	18	-	-	10
PEK-18-18-P13-N	1-20-10-64-00-PEK	18	18	-	-	10
PEK-30-15-P22	1-20-10-66-00-PEK	30	15	-	-	10
PEK-30-30-P22	1-20-10-68-00-PEK	30	30	-	-	10
PEK-30-30-P22-N	1-20-10-70-00-PEK	30	30	-	-	10
PEK-60-30-P22	1-20-10-72-00-PEK	60	30	-	-	10
PEK-60-60-P22	1-20-10-74-00-PEK	60	60	-	-	10

\*packing unit

### PEK / Profile End Cap



Desc.	Article Nr.	A	B	C	D	PU*
PEK-18-10	1-20-10-12-00-PEK	18	10	-	-	10
PEK-18-18	1-20-10-14-00-PEK	18	18	-	-	10
PEK-25-10	1-20-10-16-00-PEK	25	10	-	-	10
PEK-25-18	1-20-10-18-00-PEK	25	18	-	-	10
PEK-25-25	1-20-10-20-00-PEK	25	25	-	-	10
PEK-50-25	1-20-10-22-00-PEK	25	50	-	-	10
PEK-40-40	1-20-10-24-00-PEK	40	40	-	-	10
PEK-80-40	1-20-10-26-00-PEK	80	40	-	-	10

\*packing unit

### PEK-P-SO / Profile End Cap Prism Special Variante



Desc.	Article Nr.	A	B	C	D	PU*
PEK-30-15-P22-SO	1-20-10-67-00-PEK	30	15	-	-	40
PEK-30-30-P22-SO	1-20-10-69-00-PEK	30	30	-	-	40
PEK-30-30-P22-N-SO	1-20-10-71-00-PEK	30	30	-	-	40
PEK-60-30-P22-SO	1-20-10-73-00-PEK	60	30	-	-	40
PEK-60-60-P22-SO	1-20-10-75-00-PEK	60	60	-	-	40

\*packing unit

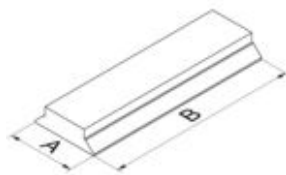
PEK-SCHUNK /



Desc.	Article Nr.	A	B	C	D	PU*
PEK-80-40-Schunk	1-20-10-26-00-002	80	40	-	-	10
PEK-18-10-P13-Schunk	1-20-10-61-00-002	18	10	-	-	10
PEK-18-18-P13-Schunk	1-20-10-63-00-002	18	18	-	-	10
PEK-30-15-P22-Schunk	1-20-10-67-00-002	30	15	-	-	10
PEK-30-30-P22-Schunk	1-20-10-69-00-002	30	30	-	-	10
PEK-30-30-P22-N-Schunk	1-20-10-71-00-002	30	30	-	-	10
PEK-60-30-P22-Schunk	1-20-10-73-00-002	60	30	-	-	10
PEK-60-60-P22-Schunk	1-20-10-75-00-002	60	60	-	-	10

\*packing unit

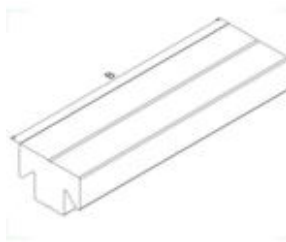
PRP / Prism Profile



Desc.	Article Nr.	A	B	C	D	PU*
PRP-P13-100	1-20-50-10-00-PRP	13	100	-	-	1
PRP-P22-120	1-20-50-12-00-PRP	22	120	-	-	1

\*packing unit

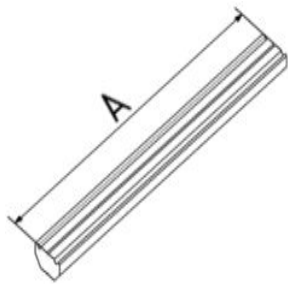
PKP / Prism Clamping Profile



Desc.	Article Nr.	A	B	C	D	PU*
PKP-P13-1000	1-20-70-10-00-PKP	P13	1000	-	-	1
PKP-P22-1000	1-20-70-14-00-PKP	P22	1000	-	-	1

\*packing unit

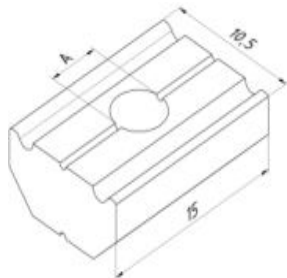
XNS-P / X Channel Nut Profile



Desc.	Article Nr.	A	B	C	D	PU*
XNS	1-20-80-00-00-XNS	2000	-	-	-	1

\*packing unit

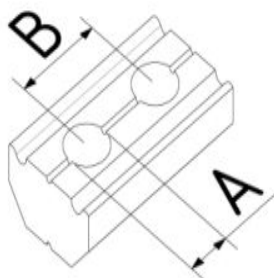
XNS / X Channel Nut - 1x Thread



Desc.	Article Nr.	A	B	C	D	PU*
XNS-3	1-20-80-10-00-XNS	M3	-	-	-	10
XNS-4	1-20-81-10-00-XNS	M4	-	-	-	10
XNS-5	1-20-82-10-00-XNS	M5	-	-	-	10
XNS-6	1-20-83-10-00-XNS	M6	-	-	-	10

\*packing unit

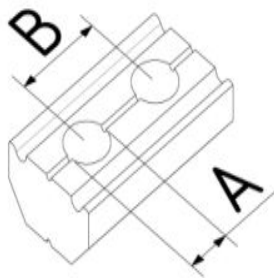
XNS-4-X / X Channel Nut - 2x M4 Threads



Desc.	Article Nr.	A	B	C	D	PU*
XNS-4-8	1-20-81-12-00-XNS	M4	8	-	-	1
XNS-4-9	1-20-81-13-10-XNS	M4	9	-	-	1
XNS-4-10	1-20-81-14-00-XNS	M4	10	-	-	1
XNS-4-16	1-20-81-18-00-XNS	M4	16	-	-	1
XNS-4-25	1-20-81-22-00-XNS	M4	25	-	-	1
XNS-4-26	1-20-81-40-00-XNS	M4	26	-	-	1
XNS-4-31	1-20-81-43-00-XNS	M4	31	-	-	1

\*packing unit

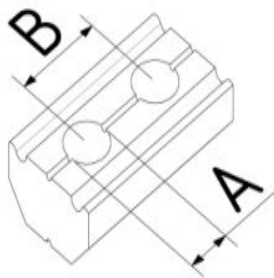
XNS-5-X / X Channel Nut - 2x M5 Threads



Desc.	Article Nr.	A	B	C	D	PU*
XNS-5-9	1-20-82-11-00-XNS	M5	9	-	-	1
XNS-5-10	1-20-82-12-00-XNS	M5	10	-	-	1
XNS-5-12	1-20-82-13-00-XNS	M5	12	-	-	1
XNS-5-15	1-20-82-16-00-XNS	M5	15	-	-	1
XNS-5-16	1-20-82-17-00-XNS	M5	16	-	-	1
XNS-5-20	1-20-82-20-00-XNS	M5	20	-	-	1
XNS-5-22	1-20-82-21-00-XNS	M5	22	-	-	1
XNS-5-25	1-20-82-22-00-XNS	M5	25	-	-	1
XNS-5-28	1-20-82-23-00-XNS	M5	28	-	-	1
XNS-5-30	1-20-82-24-00-XNS	M5	30	-	-	1
XNS-5-35	1-20-82-30-00-XNS	M5	35	-	-	1
XNS-5-36	1-20-82-31-00-XNS	M5	36	-	-	1
XNS-5-40	1-20-82-32-00-XNS	M5	40	-	-	1
XNS-5-41	1-20-82-34-00-XNS	M5	41	-	-	1
XNS-5-45	1-20-82-38-00-XNS	M5	45	-	-	1
XNS-5-50	1-20-82-40-00-XNS	M5	50	-	-	1
XNS-5-60	1-20-82-46-00-XNS	M5	60	-	-	1
XNS-5-61	1-20-82-47-00-XNS	M5	61	-	-	1
XNS-5-65	1-20-82-48-00-XNS	M5	65	-	-	1
XNS-5-70	1-20-82-50-00-XNS	M5	70	-	-	1
XNS-5-80	1-20-82-60-00-XNS	M5	80	-	-	1
XNS-5-90	1-20-82-70-00-XNS	M5	90	-	-	1
XNS-5-100	1-20-82-80-00-XNS	M5	100	-	-	1

\*packing unit

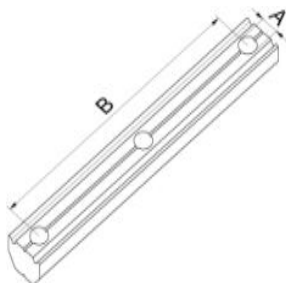
XNS-6-X / X Channel Nut - 2x M6 Threads



Desc.	Article Nr.	A	B	C	D	PU*
XNS-6-10	1-20-83-12-00-XNS	M6	10	-	-	1
XNS-6-12	1-20-83-13-00-XNS	M6	12	-	-	1
XNS-6-15	1-20-83-16-00-XNS	M6	15	-	-	1
XNS-6-20	1-20-83-18-00-XNS	M6	20	-	-	1
XNS-6-25	1-20-83-20-00-XNS	M6	25	-	-	1
XNS-6-28	1-20-83-21-00-XNS	M6	28	-	-	1
XNS-6-30	1-20-83-22-00-XNS	M6	30	-	-	1
XNS-6-37	1-20-83-23-00-XNS	M6	37	-	-	1
XNS-6-40	1-20-83-24-00-XNS	M6	40	-	-	1
XNS-6-45	1-20-83-26-00-XNS	M6	45	-	-	1
XNS-6-50	1-20-83-30-00-XNS	M6	50	-	-	1
XNS-6-51	1-20-83-31-00-XNS	M6	51	-	-	1
XNS-6-52	1-20-83-32-00-XNS	M6	52	-	-	1
XNS-6-61	1-20-83-41-00-XNS	M6	61	-	-	1
XNS-6-90	1-20-83-70-00-XNS	M6	90	-	-	1
XNS-6-92	1-20-83-71-00-XNS	M6	92	-	-	1

\*packing unit

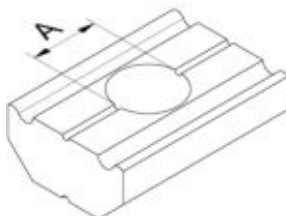
XNS-X-X-X / X Channel Nut for EOAT Ground Plate



Desc.	Article Nr.	A	B	C	D	PU*
XNS-5-70-3	1-20-82-90-00-XNS	M5	70	-	-	1
XNS-5-120-3	1-20-82-92-00-XNS	M5	120	-	-	1
XNS-6-200-3	1-20-82-93-00-XNS	M6	200	-	-	1

\*packing unit

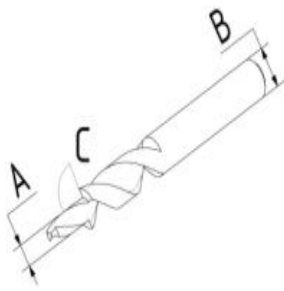
XUP / X Channel Nut - 1x Hole



Desc.	Article Nr.	A	B	C	D	PU*
XUP-4	1-20-81-98-00-XUP	4,5	-	-	-	10
XUP-5	1-20-82-98-00-XUP	5,5	-	-	-	10
XUP-6	1-20-83-98-00-XUP	6,5	-	-	-	10

\*packing unit

STB / Stepped Drill

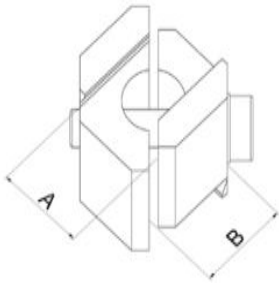


Desc.	Article Nr.	A	B	C	D	PU*	
STB-4-135	1-20-00-00-02-STB	4,5	9	135°	-	1	
STB-4-90	1-20-00-00-03-STB	4,5	9	90°	-	1	
STB-5-90	1-20-00-00-04-STB	5,5	10	90°	-	1	
STB-6-90	1-20-00-00-06-STB	6,5	11	90°	-	1	

\*packing unit

## 25 Profile connectors

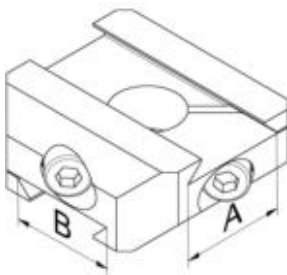
### KVS-P / Profile Connection Prism



Desc.	Article Nr.	A	B	C	D	PU*	
KVS-P13-P13	1-25-50-10-00-KVS	P13	P13	-	-	1	
KVS-P13-P22	1-25-50-16-00-KVS	P13	P22	-	-	1	
KVS-P22-P22	1-25-50-20-00-KVS	P22	P22	-	-	1	

\*packing unit

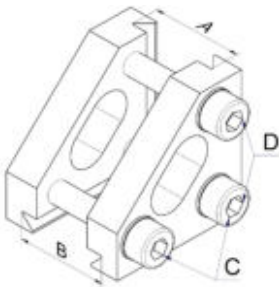
### KVS-P-V / Profile Connection Prism Reinforced



Desc.	Article Nr.	A	B	C	D	PU*	
KVS-P13-P13-2-V	1-25-51-10-00-KVS	P13	P13	-	-	1	
KVS-P22-P22-2-V	1-25-51-20-00-KVS	P22	P22	-	-	1	

\*packing unit

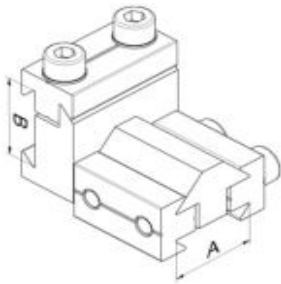
### WIV-P / Profile Connection Prism 90° Prism



Desc.	Article Nr.	A	B	C	D	PU*	
WIV-1-P13-P13	1-25-50-30-00-WIV	P13	P13	1	1	1	
WIV-2-2-P13-P13	1-25-50-32-00-WIV	P13	P13	2	2	1	
WIV-3-3-P13-P13	1-25-50-34-00-WIV	P13	P13	3	3	1	
WIV-2-2-P13-P22	1-25-50-36-00-WIV	P13	P22	2	2	1	
WIV-3-3-P22-P22	1-25-50-39-00-WIV	P22	P22	3	3	1	
WIV-2-2-P22-P22	1-25-50-40-00-WIV	P22	P22	2	2	1	

\*packing unit

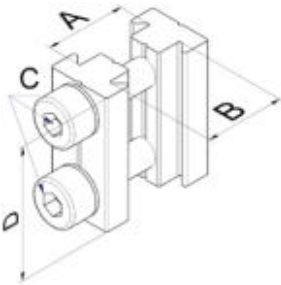
### KVP-A-P-P / Clamp Prisma Outside



Desc.	Article Nr.	A	B	C	D	PU*
KVP-A-P13-P13	1-25-90-50-00-KVP	P13	P13	-	-	1
KVP-A-P22-P22	1-25-90-52-00-KVP	P22	P22	-	-	1
KVP-A-P22-P13	1-25-90-54-00-KVP	P13	P22	-	-	1

\*packing unit

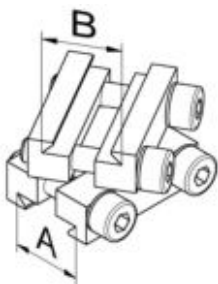
### PPV-P / Profile Parallel connection Prism



Desc.	Article Nr.	A	B	C	D	PU*
PPV-P13-P13-1	1-25-50-30-00-PPV	P13	P13	1	12	1
PPV-P13-P13-2	1-25-50-32-00-PPV	P13	P13	2	20	1
PPV-P13-P22-2	1-25-50-38-00-PPV	P13	P22	2	25	1
PPV-P22-P22-2-25	1-25-50-42-00-PPV	P22	P22	2	25	1
PPV-P22-P22-2-40	1-25-50-43-00-PPV	P22	P22	2	40	1
PPV-P13-P13-3-100	1-25-50-46-00-PPV	P13	P13	3	100	1
PPV-P22-P22-4-160	1-25-50-47-00-PPV	P22	P22	4	160	1
PPV-P22-P22-5-250	1-25-50-48-00-PPV	P22	P22	5	250	1
PPV-P22-P22-3-50	1-25-50-49-00-PPV	P22	P22	3	50	1

\*packing unit

### PDV-P / Profile Rotary Connector Prism

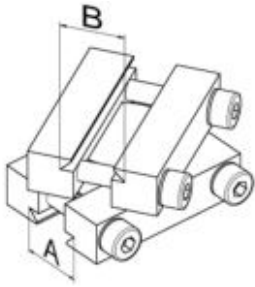


Desc.	Article Nr.	A	B	C	D	PU*
PDV-P13-P13-360	1-25-50-50-00-PDV	P13	P13	-	-	1
PDV-P22-P22-360	1-25-50-54-00-PDV	P22	P22	-	-	1
PDV-P13-P22-360	1-25-50-58-00-PDV	P13	P22	-	-	1

\*packing unit



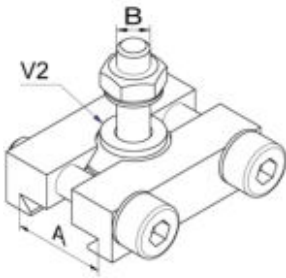
PDV-P-V / Profile Turnconnection Prism Reinforced



Desc.	Article Nr.	A	B	C	D	PU*
PDV-P13-P13-360-V	1-25-51-58-00-PDV	P13	P13	-	-	1
PDV-P22-P22-360-V	1-25-51-62-00-PDV	P22	P22	-	-	1

\*packing unit

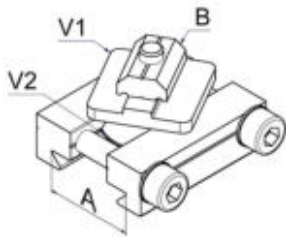
PDV-P-E / Profile Turnconnection Prism Easy



Desc.	Article Nr.	A	B	C	D	PU*
PDV-P13-4-360-E	1-25-50-70-00-PDV	P13	M4	-	-	1
PDV-P22-5-360-E	1-25-50-72-00-PDV	P22	M5	-	-	1

\*packing unit

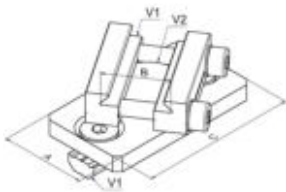
PDV-P-X-E / Profile Turnconnection Prism Easy



Desc.	Article Nr.	A	B	C	D	PU*
PDV-P13-S-360-E	1-25-50-74-00-PDV	P13	SPR	-	-	1
PDV-P22-X-L-360-E	1-25-50-76-00-PDV	P22	XPR/ LPR	-	-	1

\*packing unit

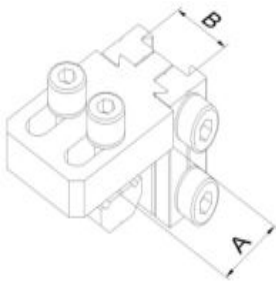
PDV-AS-P / Profile Turnconnection Prism screwed



Desc.	Article Nr.	A	B	C	D	PU*
PDV-AS-P13-360	1-25-50-80-00-PDV	XPR	P13	40	-	1
PDV-AS-P22-360	1-25-50-82-00-PDV	LPR	P22	55	-	1

\*packing unit

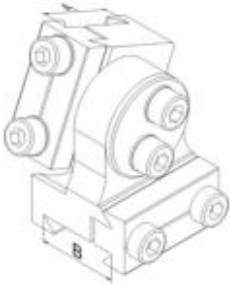
KVP-PI / Clamp Prism Inside



Desc.	Article Nr.	A	B	C	D	PU*
KVP-PI-13-XL	1-25-90-10-00-KVP	12,5/20	P13	-	-	1
KVP-PI-22-XL	1-25-90-30-00-KVP	12,5/20	P22	-	-	1

\*packing unit

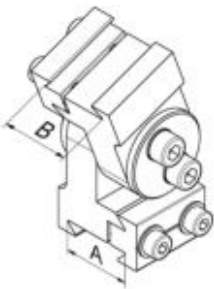
KVP-D-P-P / Clamp Prism rotatable with prism



Desc.	Article Nr.	A	B	C	D	PU*
KVP-D-P13-P13	1-25-62-50-00-KVP	P13	P13			1
KVP-D-P22-P22	1-25-62-54-00-KVP	P22	P22			1

\*packing unit

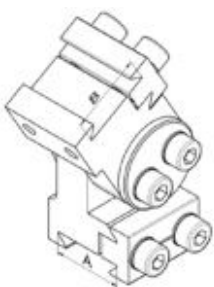
PGE-0-0-P-P / Profile joint for PreciGrip profile



Desc.	Article Nr.	A	B	C	D	PU*
PGE-0-0-P13-P13	1-25-52-10-00-PGE	P13	P13	-	-	1
PGE-0-0-P22-P22	1-25-52-14-00-PGE	P22	P22	-	-	1

\*packing unit

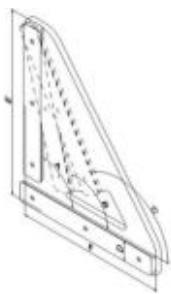
PGE-0-90-P-P / Profile joint for PreciGrip profile 90°



Desc.	Article Nr.	A	B	C	D	PU*
PGE-0-90-P13-P13	1-25-52-60-00-PGE	P13	P13	-	-	1
PGE-0-90-P22-P22	1-25-52-64-00-PGE	P22	P22	-	-	1

\*packing unit

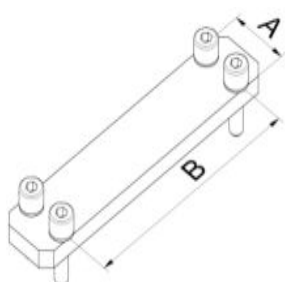
PVB-V-P / Profile Connector adjustable with Prism



Desc.	Article Nr.	A	B	C	D	PU*	
PVB-V-90-105-120-P22	1-25-65-20-00-PVB	90°	105°	120°	P22	1	

\*packing unit

VPS-P / Reinforcement profile front end



Desc.	Article Nr.	A	B	C	D	PU*	
VPS-P13	1-25-60-20-00-VPS	18	70	GGP-1	-	1	
VPS-P22	1-25-60-22-00-VPS	30	120	GGP-2	-	1	

\*packing unit

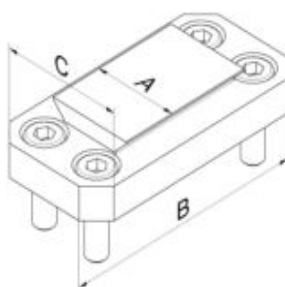
APP-P / adapter plate prism



Desc.	Article Nr.	A	B	C	D	PU*	
APP-P13	1-25-60-02-00-APP	P13	-	-	-	1	
APP-P22	1-25-60-04-00-APP	P22	-	-	-	1	

\*packing unit

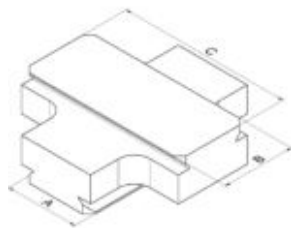
APP-S-P / Adapter plate front end



Desc.	Article Nr.	A	B	C	D	PU*	
APP-S-P22-MPP-60-30	1-25-60-10-00-APP	P22	60	30	1	1	
APP-S-P22-MPP-60-60	1-25-60-14-00-APP	P22	60	60	2	1	

\*packing unit

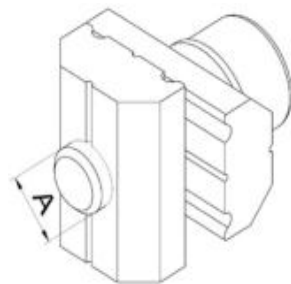
APL-P-P-90 / Adapter plate with 2 Prism 90°



Desc.	Article Nr.	A	B	C	D	PU*
APL-P13-P13-90	1-25-62-10-00-APL	P13	P13	40	-	1
APL-P22-P22-90	1-25-62-12-00-APL	P22	P22	50	-	1

\*packing unit

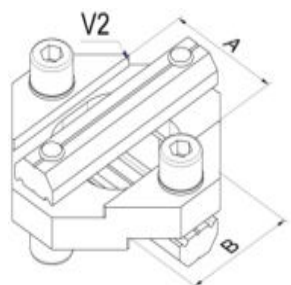
KVU / Profile Cross Clamp



Desc.	Article Nr.	A	B	C	D	PU*
KVU-4	1-25-08-02-00-KVU	M4	-	-	-	10
KVU-5	1-25-08-04-00-KVU	M5	-	-	-	10
KVU-6	1-25-08-06-00-KVU	M6	-	-	-	10

\*packing unit

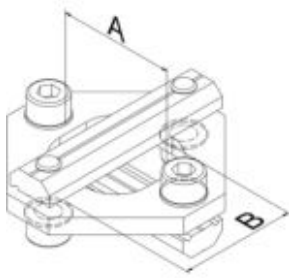
KVS / Profile Cross Clamp



Desc.	Article Nr.	A	B	C	D	PU*
KVS-18-18-S	1-25-10-09-00-KVS	18	18	-	-	1
KVS-25-25-X	1-25-10-10-00-KVS	25	25	-	-	1
KVS-50-25-X	1-25-10-11-00-KVS	50	25	-	-	1
KVS-50-50-X	1-25-10-12-00-KVS	50	50	-	-	1
KVS-40-40-L	1-25-10-13-00-KVS	40	40	-	-	1
KVS-80-40-L	1-25-10-14-00-KVS	80	40	-	-	1
KVS-80-80-L	1-25-10-15-00-KVS	80	80	-	-	1
KVS-25-18-X	1-25-10-18-00-KVS	25	18	-	-	1
KVS-40-25-L	1-25-10-19-00-KVS	40	25	-	-	1

\*packing unit

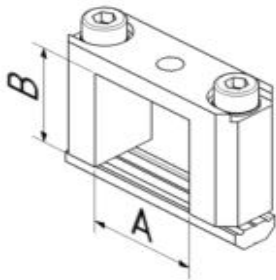
KVS-E / Profile Cross Clamp Flat Version



Desc.	Article Nr.	A	B	C	D	PU*
KVS-18-18-SE	1-25-10-20-00-KVS	18	18	-	-	1
KVS-25-25-XE	1-25-10-24-00-KVS	25	25	-	-	1

\*packing unit

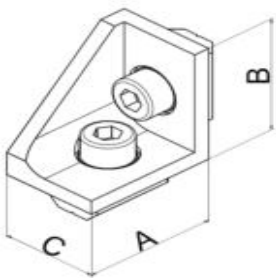
KVV / Profile Cross Clamp



Desc.	Article Nr.	A	B	C	D	PU*
KVV-18-10-S	1-25-12-10-00-KVV	18	10	-	-	1
KVV-18-18-S	1-25-12-12-00-KVV	18	18	-	-	1
KVV-25-10-X	1-25-12-14-00-KVV	25	10	-	-	1
KVV-25-18-X	1-25-12-16-00-KVV	25	18	-	-	1
KVV-25-25-X	1-25-12-18-00-KVV	25	25	-	-	1
KVV-50-25-X	1-25-12-20-00-KVV	50	25	-	-	1
KVV-25-50-X	1-25-12-22-00-KVV	25	50	-	-	1
KVV-40-40-L	1-25-12-24-00-KVV	40	40	-	-	1
KVV-80-40-L	1-25-12-26-00-KVV	80	40	-	-	1

\*packing unit

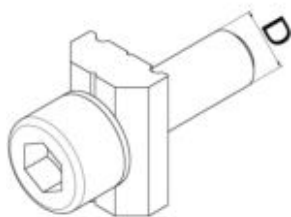
WIV / Profile Cross Clamp



Desc.	Article Nr.	A	B	C	D	PU*
WIV-25-0	1-25-14-10-00-WIV	25	25	18	-	1
WIV-50-25	1-25-14-12-00-WIV	45	45	18	-	1
WIV-40-0	1-25-14-14-00-WIV	40	40	40	-	1
WIV-40-40	1-25-14-16-00-WIV	80	80	40	-	1

\*packing unit

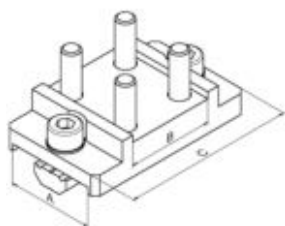
### SVB / Butt Connector



Desc.	Article Nr.	A	B	C	D	PU*
SVB-X-5	1-25-20-08-00-SVB	-	-	-	M5	10
SVB-X-6	1-25-20-10-00-SVB	-	-	-	M6	10
SVB-L-6	1-25-20-12-00-SVB	-	-	-	M6/ M12 x1,5	10

\*packing unit

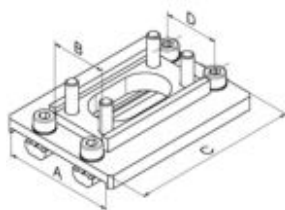
### STV / Butt Connector



Desc.	Article Nr.	A	B	C	D	PU*
STV-25-25-X	1-25-18-10-00-STV	25	25	50	-	1
STV-25-50-25-X	1-25-18-12-00-STV	25	50	75	-	1
STV-40-40-L	1-25-18-20-00-STV	40	40	62	-	1

\*packing unit

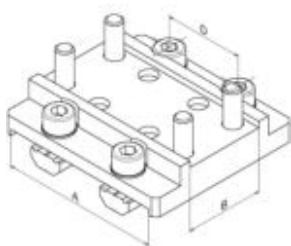
### STV-X / Butt Connector



Desc.	Article Nr.	A	B	C	D	PU*
STV-50-25-50-25-X	1-25-18-16-00-STV	50	25	75	25	1

\*packing unit

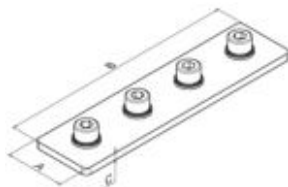
### STV-UX / Butt Connector



Desc.	Article Nr.	A	B	C	D	PU*
STV-50-25-UX	1-25-18-14-00-STV	50	25	50	25	1

\*packing unit

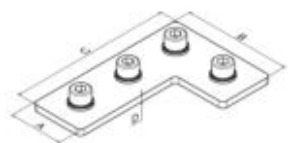
### PVB-G / Profile Connector Straight



Desc.	Article Nr.	A	B	C	D	PU*
PVB-G-25-50-X	1-25-15-02-00-PVB	25	50	3	-	1
PVB-G-50-50-X	1-25-15-03-00-PVB	50	50	3	-	1
PVB-G-25-100-X	1-25-15-04-00-PVB	25	100	3	-	1
PVB-G-40-80-L	1-25-15-06-00-PVB	40	80	4	-	1
PVB-G-40-160-L	1-25-15-08-00-PVB	40	160	4	-	1

\*packing unit

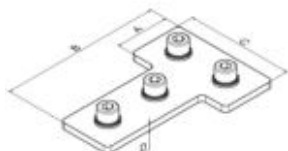
### PVB-W / Profile Connector 90°



Desc.	Article Nr.	A	B	C	D	PU*
PVB-W-50-50-X	1-25-15-20-00-PVB	25	50	50	3	1
PVB-W-50-75-X	1-25-15-22-00-PVB	25	50	75	3	1
PVB-W-80-80-L	1-25-15-24-00-PVB	40	80	80	4	1
PVB-W-80-120-L	1-25-15-26-00-PVB	40	80	120	4	1

\*packing unit

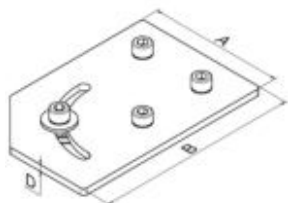
### PVB-T / Profile Connector T-Form



Desc.	Article Nr.	A	B	C	D	PU*
PVB-T-50-75-X	1-25-15-40-00-PVB	25	75	50	3	1
PVB-T-80-120-L	1-25-15-44-00-PVB	40	120	80	4	1

\*packing unit

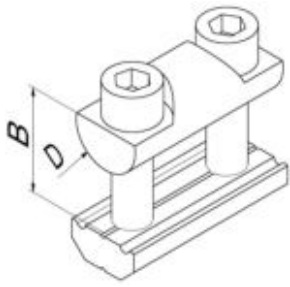
### PVB-V / Profile Connector adjustable



Desc.	Article Nr.	A	B	C	D	PU*
PVB-V-0-90-X	1-25-15-60-00-PVB	50	75	0-90°	3	1
PVB-V-0-90-L	1-25-15-62-00-PVB	80	120	0-90°	4	1

\*packing unit

PVU / Profil Connector universal



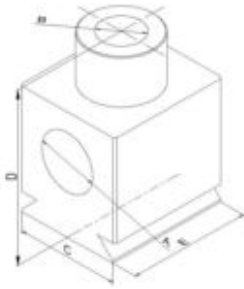
Desc.	Article Nr.	A	B	C	D	PU*	
PVU-10-25	1-25-22-02-00-PVU	-	12,5	-	10	1	
PVU-10-50	1-25-22-04-00-PVU	-	12,5	-	10	1	

\*packing unit



## 30 Clamps

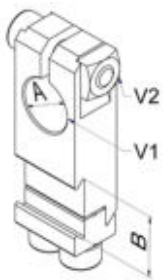
### SGB-P / Clamp for Vacuum Cups with Prism



Desc.	Article Nr.	A	B	C	D	PU*	
SGB-18-5-P13	1-30-92-10-00-SGB	G1/8	M5	P13	24	1	
SGB-18-18-P13	1-30-92-12-00-SGB	G1/8	G1/8	P13	28	1	
SGB-18-18-P22	1-30-92-20-00-SGB	G1/8	G1/8	P22	30	1	
SGB-14-18-P22	1-30-92-22-00-SGB	G1/4	G1/8	P22	35	1	
SGB-14-14-P22	1-30-92-24-00-SGB	G1/4	G1/4	P22	35	1	

\*packing unit

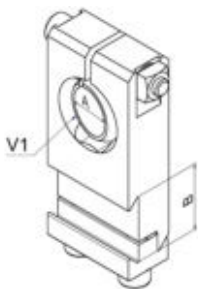
### KST-P / Clamp Prism



Desc.	Article Nr.	A	B	C	D	PU*	
KST-10-P13	1-30-50-10-00-KST	10	P13	-	-	1	
KST-14-P13	1-30-50-12-00-KST	14	P13	-	-	1	
KST-14-P22	1-30-50-20-00-KST	14	P22	-	-	1	
KST-20-P22	1-30-50-30-00-KST	20	P22	-	-	1	
KST-30-P22	1-30-50-40-00-KST	30	P22	-	-	1	

\*packing unit

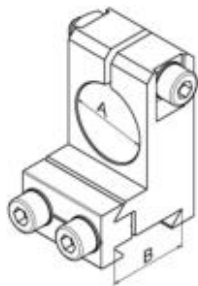
### KSK-P / Clamp ball prism



Desc.	Article Nr.	A	B	C	D	PU*	
KSK-10-P13	1-30-54-50-00-KSK	10	P13	-	-	1	
KSK-14-P13	1-30-54-58-00-KSK	14	P13	-	-	1	
KSK-14-P22	1-30-54-60-00-KSK	14	P22	-	-	1	
KSK-20-P22	1-30-54-70-00-KSK	20	P22	-	-	1	

\*packing unit

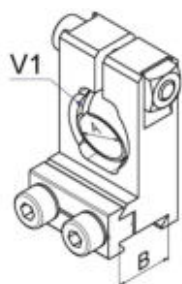
KST-P-W / Clamp Prism



Desc.	Article Nr.	A	B	C	D	PU*
KST-10-P13-W	1-30-50-50-00-KST	10	P13	-	-	1
KST-14-P13-W	1-30-50-52-00-KST	14	P13	-	-	1
KST-14-P22-W	1-30-50-60-00-KST	14	P22	-	-	1
KST-20-P22-W	1-30-50-62-00-KST	20	P22	-	-	1
KST-30-P22-W	1-30-50-64-00-KST	30	P22	-	-	1

\*packing unit

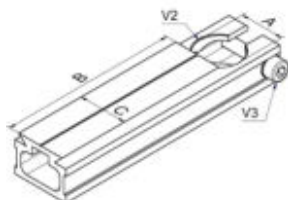
KSK-P-W / Clamp ball prism angle



Desc.	Article Nr.	A	B	C	D	PU*
KSK-10-P13-W	1-30-52-52-00-KSK	10	P13	-	-	1
KSK-14-P22-W	1-30-52-60-00-KSK	14	P22	-	-	1
KSK-20-P22-W	1-30-52-62-00-KSK	20	P22	-	-	1

\*packing unit

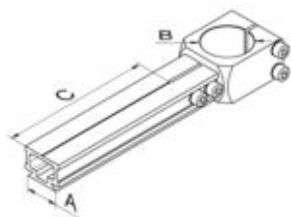
KSV-P / Clamp adjustable Prism



Desc.	Article Nr.	A	B	C	D	PU*
KSV-10-60-P13	1-30-51-00-00-KSV	10	60	P13	-	1
KSV-10-140-P13	1-30-51-02-00-KSV	10	140	P13	-	1
KSV-10-500-P13	1-30-51-03-00-KSV	10	500	P13	-	1
KSV-14-70-P13	1-30-51-04-00-KSV	14	70	P13	-	1
KSV-14-150-P13	1-30-51-06-00-KSV	14	150	P13	-	1
KSV-14-500-P13	1-30-51-08-00-KSV	14	500	P13	-	1
KSV-14-70-P22	1-30-51-10-00-KSV	14	70	P22	-	1
KSV-14-160-P22	1-30-51-20-00-KSV	14	160	P22	-	1
KSV-14-500-P22	1-30-51-24-00-KSV	14	500	P22	-	1
KSV-20-80-P22	1-30-51-30-00-KSV	20	80	P22	-	1
KSV-20-180-P22	1-30-51-40-00-KSV	20	180	P22	-	1
KSV-20-500-P22	1-30-51-44-00-KSV	20	500	P22	-	1

\*packing unit

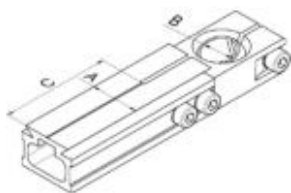
KSV-P-V / Clamp adjustable Prism Reinforced



Desc.	Article Nr.	A	B	C	D	PU*
KSV-P22-14-50-V	1-30-55-10-00-KSV	P22	14	50	-	1
KSV-P22-14-100-V	1-30-55-12-00-KSV	P22	14	100	-	1
KSV-P22-14-150-V	1-30-55-14-00-KSV	P22	14	150	-	1
KSV-P22-20-50-V	1-30-55-30-00-KSV	P22	20	50	-	1
KSV-P22-20-100-V	1-30-55-32-00-KSV	P22	20	100	-	1
KSV-P22-20-150-V	1-30-55-34-00-KSV	P22	20	150	-	1
KSV-P22-30-50-V	1-30-55-50-00-KSV	P22	30	50	-	1
KSV-P22-30-100-V	1-30-55-52-00-KSV	P22	30	100	-	1
KSV-P22-30-150-V	1-30-55-54-00-KSV	P22	30	150	-	1

\*packing unit

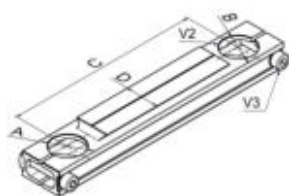
KSV-K-P-V / Clamp Adjustable using Ball



Desc.	Article Nr.	A	B	C	D	PU*
KSV-K-P13-10-30-V	1-30-58-10-00-KSV	P13	10	30	-	1
KSV-K-P13-10-60-V	1-30-58-12-00-KSV	P13	10	60	-	1
KSV-K-P13-10-90-V	1-30-58-14-00-KSV	P13	10	90	-	1
KSV-K-P13-14-30-V	1-30-58-30-00-KSV	P13	14	30	-	1
KSV-K-P13-14-60-V	1-30-58-32-00-KSV	P13	14	60	-	1
KSV-K-P13-14-90-V	1-30-58-34-00-KSV	P13	14	90	-	1
KSV-K-P22-14-50-V	1-30-58-50-00-KSV	P22	14	50	-	1
KSV-K-P22-14-100-V	1-30-58-52-00-KSV	P22	14	100	-	1
KSV-K-P22-14-150-V	1-30-58-54-00-KSV	P22	14	150	-	1
KSV-K-P22-20-50-V	1-30-58-70-00-KSV	P22	20	50	-	1
KSV-K-P22-20-100-V	1-30-58-72-00-KSV	P22	20	100	-	1
KSV-K-P22-20-150-V	1-30-58-74-00-KSV	P22	20	150	-	1

\*packing unit

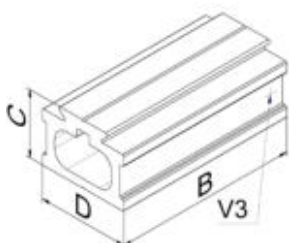
KSV-D-P / Clamp adjustable double Prism



Desc.	Article Nr.	A	B	C	D	PU*	
KSV-D-10-10-60-P13	1-30-51-80-00-KSV	10	10	60	P13	1	
KSV-D-10-10-100-P13	1-30-51-82-00-KSV	10	10	100	P13	1	
KSV-D-14-14-80-P13	1-30-51-84-00-KSV	14	14	80	P13	1	
KSV-D-14-14-120-P13	1-30-51-86-00-KSV	14	14	120	P13	1	
KSV-D-14-14-100-P22	1-30-51-88-00-KSV	14	14	100	P22	1	
KSV-D-14-14-140-P22	1-30-51-90-00-KSV	14	14	140	P22	1	
KSV-D-20-20-120-P22	1-30-51-92-00-KSV	20	20	120	P22	1	
KSV-D-20-20-160-P22	1-30-51-94-00-KSV	20	20	160	P22	1	

\*packing unit

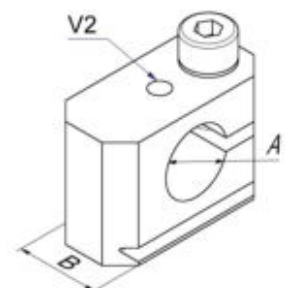
KSV-P-P / Clamp Profile Prism



Desc.	Article Nr.	A	B	C	D	PU*	
KSV-P13-1000	1-30-51-60-00-KSV	P13	1000	14,5	20	1	
KSV-P22-1000	1-30-51-70-00-KSV	P22	1000	19	26	1	

\*packing unit

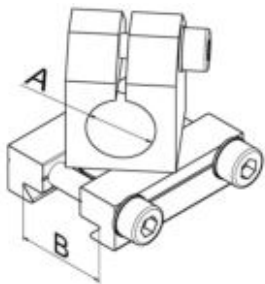
KKR-P / Crossclamp Round prism



Desc.	Article Nr.	A	B	C	D	PU*	
KKR-10-P13	1-30-53-10-00-KKR	10	P13	-	-	1	
KKR-14-P13	1-30-53-14-00-KKR	14	P13	-	-	1	
KKR-14-P22	1-30-53-16-00-KKR	14	P22	-	-	1	
KKR-20-P22	1-30-53-18-00-KKR	20	P22	-	-	1	
KKR-30-P22	1-30-53-22-00-KKR	30	P22	-	-	1	

\*packing unit

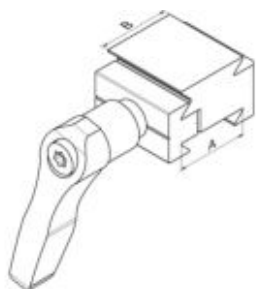
### KSD-P / Clamp Adjustable Prism



Desc.	Article Nr.	A	B	C	D	PU*
KSD-10-P13	1-30-53-30-00-KSD	10	P13	-	-	1
KSD-14-P13	1-30-53-34-00-KSD	14	P13	-	-	1
KSD-14-P22	1-30-53-36-00-KSD	14	P22	-	-	1
KSD-20-P22	1-30-53-38-00-KSD	20	P22	-	-	1
KSD-30-P22	1-30-53-42-00-KSD	30	P22	-	-	1

\*packing unit

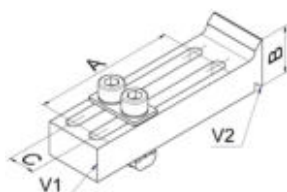
### KHE-P-P / Clamp with clamping lever



Desc.	Article Nr.	A	B	C	D	PU*
KHE-P22-P22	1-30-56-10-00-KHE	P22	P22	-	-	1

\*packing unit

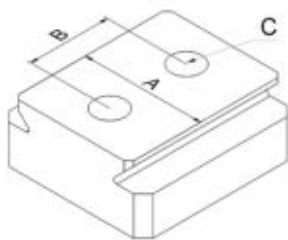
### KSV-V-P / Clamp Adjustable (Heavy Duty)



Desc.	Article Nr.	A	B	C	D	PU*
KSV-40-SV-P13	1-30-57-08-00-KSV	40	P13	8	-	1
KSV-60-XV-P22	1-30-57-16-00-KSV	60	P22	12	-	1

\*packing unit

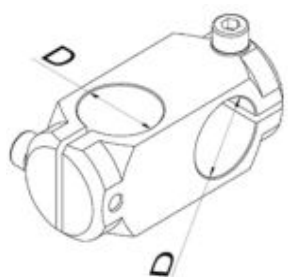
MKV-P / Clamp Connector Multi



Desc.	Article Nr.	A	B	C	D	PU*
MKV-P13-8-4	1-30-98-10-00-MKV	P13	8	M4	-	1
MKV-P13-9-5	1-30-98-12-00-MKV	P13	9	M5	-	1
MKV-P13-12-5	1-30-98-14-00-MKV	P13	12	M5	-	1
MKV-P22-9-5	1-30-98-16-00-MKV	P22	9	M5	-	1
MKV-P22-10-5	1-30-98-20-00-MKV	P22	10	M5	-	1
MKV-P22-12-5	1-30-98-24-00-MKV	P22	12	M5	-	1
MKV-P22-14-5	1-30-98-25-00-MKV	P22	14	M5	-	1
MKV-P22-20-5	1-30-98-28-00-MKV	P22	20	M5	-	1
MKV-P22-30-5	1-30-98-30-00-MKV	P22	30	M5	-	1
MKV-P22-20-6	1-30-98-32-00-MKV	P22	20	M6	-	1

\*packing unit

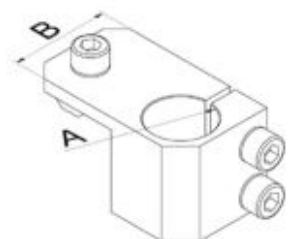
KKS / Cross Clamp



Desc.	Article Nr.	A	B	C	D	PU*
KKS-10-10-16	1-30-13-12-00-KKS	-	-	-	10	1
KKS-14-14-18	1-30-13-14-00-KKS	-	-	-	14	1
KKS-20-20-26	1-30-13-16-00-KKS	-	-	-	20	1
KKS-30-30-35	1-30-13-18-00-KKS	-	-	-	30	1

\*packing unit

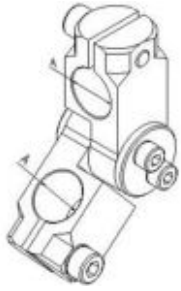
KSW / Clamp Angle



Desc.	Article Nr.	A	B	C	D	PU*
KSW-10-S	1-30-14-00-00-KSW	10	18	-	-	1
KSW-10-X	1-30-14-02-00-KSW	10	20	-	-	1
KSW-14-X	1-30-14-04-00-KSW	14	25	-	-	1
KSW-20-X	1-30-14-06-00-KSW	20	31,5	-	-	1
KSW-20-L	1-30-14-08-00-KSW	20	31,5	-	-	1
KSW-30-X	1-30-14-10-00-KSW	30	40	-	-	1
KSW-30-L	1-30-14-12-00-KSW	30	44	-	-	1

\*packing unit

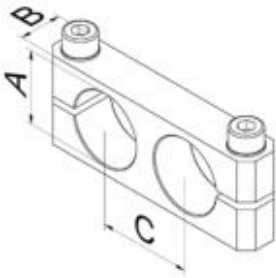
KLS-V / Clamp variable



Desc.	Article Nr.	A	B	C	D	PU*
KLS-14-14-V	1-30-18-10-00-KLS	14				1
KLS-20-20-V	1-30-18-14-00-KLS	20				1

\*packing unit

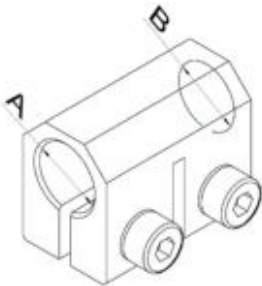
PRK / Parallel Clamp



Desc.	Article Nr.	A	B	C	D	PU*
PRK-10-10-16	1-30-13-32-00-PRK	10	8	16	-	1
PRK-14-14-18	1-30-13-34-00-PRK	14	10	18	-	1
PRK-20-20-26	1-30-13-36-00-PRK	20	12	26	-	1
PRK-30-30-35	1-30-13-38-00-PRK	30	20	35	-	1

\*packing unit

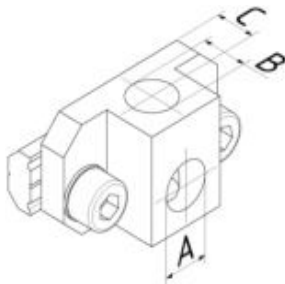
VLS / Extension Clamp



Desc.	Article Nr.	A	B	C	D	PU*
VLS-10-10	1-30-13-60-00-VLS	10	10	-	-	1
VLS-14-14	1-30-13-62-00-VLS	14	14	-	-	1
VLS-20-20	1-30-13-64-00-VLS	20	20	-	-	1

\*packing unit

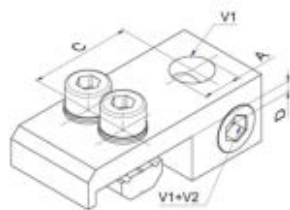
SGB / Clamp for Vacuum Cups



Desc.	Article Nr.	A	B	C	D	PU*
SGB-5-5-S	1-30-13-02-00-SGB	M5	M5	4	-	1
SGB-18-18-X	1-30-13-04-00-SGB	G1/8"	G1/8" "	7,5	-	1
SGB-14-14-L	1-30-13-06-00-SGB	G1/4"	G1/4" "	10	-	1

\*packing unit

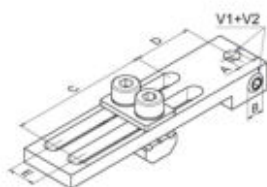
GKF / Threadclamp Fixed



Desc.	Article Nr.	A	B	C	D	PU*
GKF-5-5-S	1-30-08-02-00-GKF	M5	M5	17	0	1
GKF-18-18-X	1-30-08-06-00-GKF	G1/8"	G1/8" "	22,5	2,5	1
GKF-14-18-X	1-30-08-07-00-GKF	G1/4"	G1/8" "	22,5	0	1
GKF-14-14-L	1-30-08-08-00-GKF	G1/4"	G1/4" "	33	2,5	1

\*packing unit

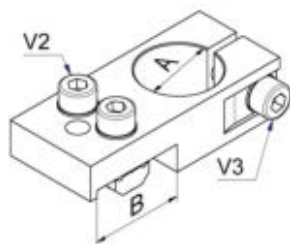
GKV / Thread Clamp Adjustable



Desc.	Article Nr.	A	B	C	D	PU*
GKV-5-5-40-S	1-30-11-02-00-GKV	M5	M5	40	17	1
GKV-18-18-60-X	1-30-11-04-00-GKV	G1/8"	G1/8" "	60	19	1
GKV-14-18-60-X	1-30-11-05-00-GKV	G1/4"	G1/8" "	60	19	1
GKV-14-14-70-L	1-30-11-06-00-GKV	G1/4"	G1/4" "	70	22	1

\*packing unit

KST / Clamp

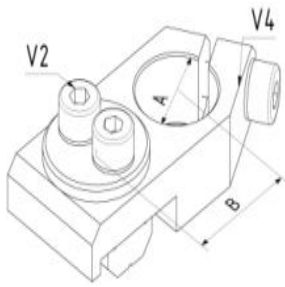


Desc.	Article Nr.	A	B	C	D	PU*
KST-14-X	1-30-10-32-00-KST	14	25	-	-	1
KST-20-X	1-30-10-34-00-KST	20	25	-	-	1

\*packing unit



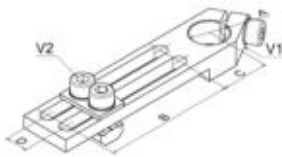
### KSD / Clamp Adjustable



Desc.	Article Nr.	A	B	C	D	PU*
KSD-10-S	1-30-10-02-00-KSD	10	17	-	-	1
KSD-14-S	1-30-10-04-00-KSD	14	19	-	-	1
KSD-10-X	1-30-10-06-00-KSD	10	20,5	-	-	1
KSD-14-X	1-30-10-08-00-KSD	14	22,5	-	-	1
KSD-20-X	1-30-10-10-00-KSD	20	25,5	-	-	1
KSD-30-X	1-30-10-12-00-KSD	30	30,5	-	-	1
KSD-20-L	1-30-10-14-00-KSD	20	33	-	-	1

\*packing unit

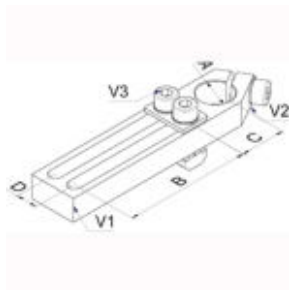
### KSV / Long Angle Clamp



Desc.	Article Nr.	A	B	C	D	PU*
KSV-10-20-S	1-30-12-00-00-KSV	10	20	17	8	1
KSV-10-40-S	1-30-12-02-00-KSV	10	40	17	8	1
KSV-14-40-S	1-30-12-06-00-KSV	14	40	19	9	1
KSV-14-50-X	1-30-12-10-00-KSV	14	50	19	9	1
KSV-20-60-X	1-30-12-14-00-KSV	20	60	22	12	1
KSV-20-70-L	1-30-12-18-00-KSV	20	70	25,5	12	1
KSV-30-60-X	1-30-12-22-00-KSV	30	60	27	20	1
KSV-30-70-L	1-30-12-26-00-KSV	30	70	27	20	1

\*packing unit

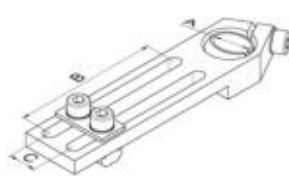
### KSV-V / Long Angle Clamp (Heavy Duty)



Desc.	Article Nr.	A	B	C	D	PU*
KSV-10-20-SV	1-30-12-03-00-KSV	10	20	17	8	1
KSV-10-40-SV	1-30-12-04-00-KSV	10	40	17	8	1
KSV-14-40-SV	1-30-12-08-00-KSV	14	40	19	9	1
KSV-14-50-XV	1-30-12-12-00-KSV	14	50	19	9	1
KSV-20-30-XV Sale	1-30-12-16-00-999	20	30	22	12	1
KSV-20-60-XV	1-30-12-16-00-KSV	20	60	22	12	1
KSV-20-70-LV	1-30-12-20-00-KSV	20	70	25,5	12	1
KSV-30-60-XV	1-30-12-24-00-KSV	30	60	27	20	1
KSV-30-70-LV	1-30-12-28-00-KSV	30	70	27	20	1

\*packing unit

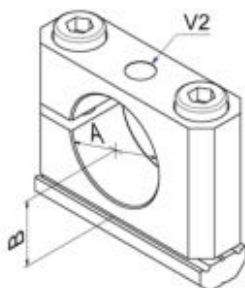
### KSV-K / Long Angle Clamp Ball



Desc.	Article Nr.	A	B	C	D	PU*
KSV-K-10-50-X	1-30-16-10-00-KSV	10	50	9	-	1
KSV-K-14-60-X	1-30-16-16-00-KSV	14	60	12	-	1
KSV-K-20-60-X	1-30-16-20-00-KSV	20	60	20	-	1

\*packing unit

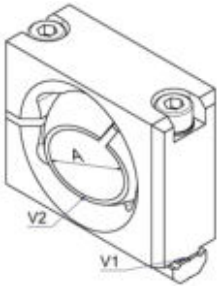
### KKR / Crossclamp Round



Desc.	Article Nr.	A	B	C	D	PU*
KKR-10-S	1-30-05-02-00-KKR	10	8	-	-	1
KKR-14-X	1-30-05-06-00-KKR	14	10	-	-	1
KKR-20-X	1-30-05-08-00-KKR	20	13	-	-	1
KKR-20-L	1-30-05-09-00-KKR	20	13	-	-	1
KKR-30-L	1-30-05-10-00-KKR	30	18	-	-	1

\*packing unit

KSK / Clamp Ball

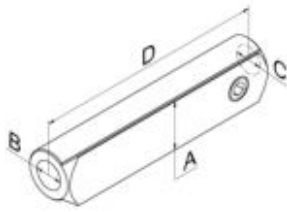


Desc.	Article Nr.	A	B	C	D	PU*	
KSK-20-X	1-30-05-26-00-KSK	20	-	-	-	1	

\*packing unit

## 40 Gripper arms for vacuum cups

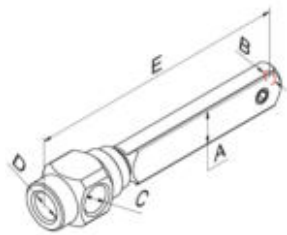
### GGs-P / Gripperarm Prism for Suction cups



Desc.	Article Nr.	A	B	C	D	PU*
GGs-P13-5-5-60	1-40-50-10-00-GGS	P13	M5	M5	60	1
GGs-P13-5-5-90	1-40-50-20-00-GGS	P13	M5	M5	90	1
GGs-P22-14-14-100	1-40-50-40-00-GGS	P22	G1/4	G1/4	100	1
GGs-P22-14-14-150	1-40-50-50-00-GGS	P22	G1/4	G1/4	150	1

\*packing unit

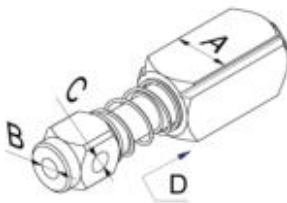
### GGs-P-A / Gripperarm Prism with Adapter for Vacuumcups



Desc.	Article Nr.	A	B	C	D	PU*
GGs-P13-A-5-18-18-60	1-40-50-15-00-GGS	P13	M5	G1/8	G1/8	1
GGs-P13-A-5-18-18-90	1-40-50-25-00-GGS	P13	M5	G1/8	G1/8	1

\*packing unit

### GGD-P / Gripperarm Prism spring loaded



Desc.	Article Nr.	A	B	C	D	PU*
GGD-P13-5-5-10	1-40-53-10-00-GGD	P13	M5	M5	10	1
GGD-P13-5-5-30	1-40-53-12-00-GGD	P13	M5	M5	30	1
GGD-P13-18-18-15	1-40-53-16-00-GGD	P13	G1/8	G1/8	15	1
GGD-P13-18-18-40	1-40-53-18-00-GGD	P13	G1/8	G1/8	40	1
GGD-P22-14-18-20	1-40-53-22-00-GGD	P22	G1/4	G1/8	20	1
GGD-P22-14-18-50	1-40-53-24-00-GGD	P22	G1/4	G1/8	50	1

\*packing unit

SHT-P-KS / Shaft Gripperarm Prism Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
SHT-P13-30-KS8	1-40-60-02-00-SHT	P13	30	8	-	1
SHT-P13-60-KS8	1-40-60-04-00-SHT	P13	60	8	-	1
SHT-P13-90-KS8	1-40-60-06-00-SHT	P13	90	8	-	1
SHT-P22-50-KS18	1-40-60-10-00-SHT	P22	50	18	-	1
SHT-P22-100-KS18	1-40-60-12-00-SHT	P22	100	18	-	1
SHT-P22-150-KS18	1-40-60-14-00-SHT	P22	150	18	-	1

\*packing unit

SHT-R-KS / Shaft Gripperarm Round Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
SHT-R-10-30-KS8	1-40-61-02-00-SHT	10	30	8	-	1
SHT-R-10-60-KS8	1-40-61-04-00-SHT	10	60	8	-	1
SHT-R-10-90-KS8	1-40-61-06-00-SHT	10	90	8	-	1
SHT-R-14-40-KS8	1-40-61-10-00-SHT	14	40	8	-	1
SHT-R-14-80-KS8	1-40-61-12-00-SHT	14	80	8	-	1
SHT-R-14-120-KS8	1-40-61-14-00-SHT	14	120	8	-	1
SHT-R-20-50-KS18	1-40-61-20-00-SHT	20	50	18	-	1
SHT-R-20-100-KS18	1-40-61-22-00-SHT	20	100	18	-	1
SHT-R-20-150-KS18	1-40-61-24-00-SHT	20	150	18	-	1

\*packing unit

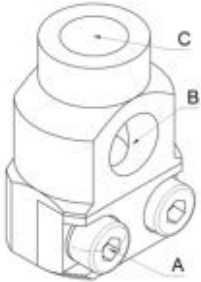
SHT-GF-V-R-KS-KF / Shaft f. Gripperarm spring-loaded non-rotational round head-system



Desc.	Article Nr.	A	B	C	D	PU*
SHT-GF-V-R-10-10-KS8-KF	1-40-61-70-00-SHT	10	10	8	-	1
SHT-GF-V-R-10-30-KS8-KF	1-40-61-72-00-SHT	10	30	8	-	1
SHT-GF-V-R-14-15-KS8-KF	1-40-61-80-00-SHT	14	15	8	-	1
SHT-GF-V-R-14-40-KS8-KF	1-40-61-82-00-SHT	14	40	8	-	1
SHT-GF-V-R-20-20-KS18-KF	1-40-61-90-00-SHT	20	20	18	-	1
SHT-GF-V-R-20-50-KS18-KF	1-40-61-92-00-SHT	20	50	18	-	1

\*packing unit

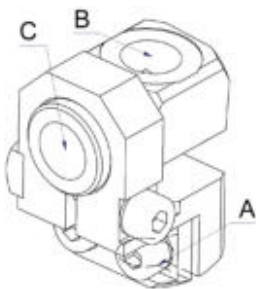
GGG-KS / Gripperarm for Vacuum cups Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
GGG-KS8-5-5	1-40-62-02-00-GGS	8	M5	M5	-	1
GGG-KS8-18-18	1-40-62-04-00-GGS	8	G1/8	G1/8	-	1
GGG-KS18-18-18	1-40-62-10-00-GGS	18	G1/8	G1/8	-	1
GGG-KS18-14-14	1-40-62-12-00-GGS	18	G1/4	G1/4	-	1

\*packing unit

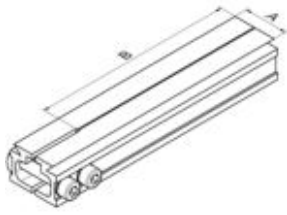
GGB-KS / Gripperarm Swivel for Vacuum Cups Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
GGB-KS8-5-5	1-40-64-02-00-GGB	8	M5	M5	-	1
GGB-KS8-18-18	1-40-64-04-00-GGB	8	G1/8	G1/8	-	1
GGB-KS18-14-18	1-40-64-10-00-GGB	18	G1/4	G1/8	-	1
GGB-KS18-38-14	1-40-64-12-00-GGB	18	G3/8	G1/4	-	1

\*packing unit

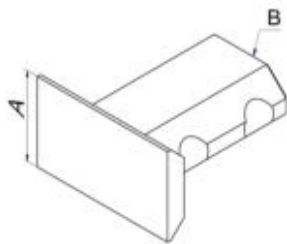
SHT-KS-P / Shaft Gripperarm Prism Headsystem Prism



Desc.	Article Nr.	A	B	C	D	PU*
SHT-KS-P13-30	1-40-63-08-00-SHT	P13	30	-	-	1
SHT-KS-P13-60	1-40-63-10-00-SHT	P13	60	-	-	1
SHT-KS-P13-90	1-40-63-12-00-SHT	P13	90	-	-	1
SHT-KS-P22-50	1-40-63-20-00-SHT	P22	50	-	-	1
SHT-KS-P22-100	1-40-63-22-00-SHT	P22	100	-	-	1
SHT-KS-P22-150	1-40-63-24-00-SHT	P22	150	-	-	1

\*packing unit

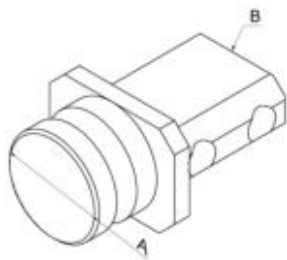
AKS-KS-P-P / Adapter Gripperarm Prism Headsystem Prism with Prism



Desc.	Article Nr.	A	B	C	D	PU*
AKS-KS-P13-P13	1-40-63-50-00-AKS	P13	SHT-KS-P13	-	-	1
AKS-KS-P22-P22	1-40-63-54-00-AKS	P22	SHT-KS-P22	-	-	1

\*packing unit

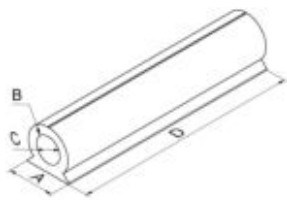
AKS-KS-P-KS / Adapter Gripperarm Headsystem Prism with Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
AKS-KS-P13-KS8	1-40-63-60-00-AKS	KS8	SHT-KS-P13	-	-	1
AKS-KS-P22-KS18	1-40-63-64-00-AKS	KS18	SHT-KS-P22	-	-	1

\*packing unit

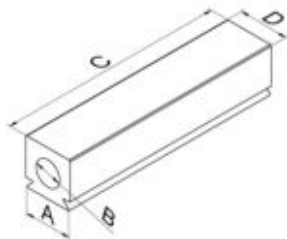
GGP-P-1000 / Gripperarm Profile Prism



Desc.	Article Nr.	A	B	C	D	PU*	
GGP-P13-5-1000	1-40-50-70-00-GGS	P13	M5	4,2	1000	1	
GGP-P22-14-1000	1-40-50-74-00-GGS	P22	G1/4	11,8	1000	1	

\*packing unit

RGP-P-1000 / Tube grip profile Prism

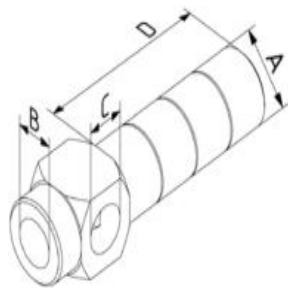


Desc.	Article Nr.	A	B	C	D	PU*	
RGP-P13-18-1000	1-40-51-10-00-RGP	P13	8,8	1000	18	1	
RGP-P22-P22-14-1000	1-40-51-12-00-RGP	2x P22	11,8	1000	22	1	

\*packing unit



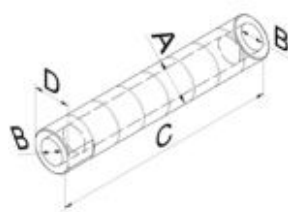
GGG / Gripper Arm for Vacuum Cups



Desc.	Article Nr.	A	B	C	D	PU*
GGG-10-5-5-30	1-40-10-00-00-GGS	10	M5	M5	30	1
GGG-10-5-5-60	1-40-10-02-00-GGS	10	M5	M5	60	1
GGG-10-5-5-90	1-40-10-04-00-GGS	10	M5	M5	90	1
GGG-10-18-5-30 Sale	1-40-10-12-00-999	10	G1/8	M5	30	1
GGG-10-18-5-30	1-40-10-12-00-GGS	10	G1/8	M5	30	1
GGG-10-18-5-60	1-40-10-14-00-GGS	10	G1/8	M5	60	1
GGG-10-18-5-90 Sale	1-40-10-16-00-999	10	G1/8	M5	90	1
GGG-10-18-5-90	1-40-10-16-00-GGS	10	G1/8	M5	90	1
GGG-14-18-18-40 Sale	1-40-10-20-00-999	14	G1/8	G1/8	40	1
GGG-14-18-18-40	1-40-10-20-00-GGS	14	G1/8	G1/8	40	1
GGG-14-18-18-80 Sale	1-40-10-22-00-999	14	G1/8	G1/8	80	1
GGG-14-18-18-80	1-40-10-22-00-GGS	14	G1/8	G1/8	80	1
GGG-14-18-18-120 Sale	1-40-10-24-00-999	14	G1/8	G1/8	120	1
GGG-14-18-18-120	1-40-10-24-00-GGS	14	G1/8	G1/8	120	1
GGG-20-14-18-50 Sale	1-40-10-40-00-999	20	G1/4	G1/8	50	1
GGG-20-14-18-50	1-40-10-40-00-GGS	20	G1/4	G1/8	50	1
GGG-20-14-18-100	1-40-10-42-00-GGS	20	G1/4	G1/8	100	1
GGG-20-14-18-150	1-40-10-44-00-GGS	20	G1/4	G1/8	150	1

\*packing unit

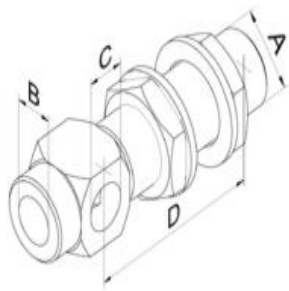
GGG-LS / Gripper Arm for Vacuum Cups Airconnection end of shaft



Desc.	Article Nr.	A	B	C	D	PU*
GGG-LS-10-5-5-30	1-40-11-00-00-GGS	10	M5	30	9	1
GGG-LS-10-5-5-60	1-40-11-02-00-GGS	10	M5	60	9	1
GGG-LS-10-5-5-90	1-40-11-04-00-GGS	10	M5	90	9	1
GGG-LS-14-18-18-40	1-40-11-20-00-GGS	14	G1/8	40	13	1
GGG-LS-14-18-18-80	1-40-11-22-00-GGS	14	G1/8	80	13	1
GGG-LS-14-18-18-120	1-40-11-24-00-GGS	14	G1/8	120	13	1
GGG-LS-20-14-14-50	1-40-11-40-00-GGS	20	G1/4	50	17	1
GGG-LS-20-14-14-100	1-40-11-42-00-GGS	20	G1/4	100	17	1
GGG-LS-20-14-14-150	1-40-11-44-00-GGS	20	G1/4	150	17	1

\*packing unit

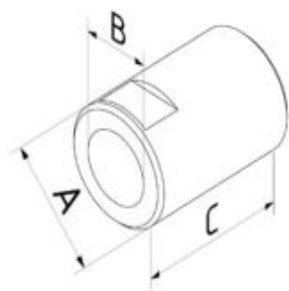
### GGG-G / Gripper Arm for Vacuum Cups with threaded tube



Desc.	Article Nr.	A	B	C	D	PU*
GGG-G-10-5-5-30	1-40-10-50-00-GGS	M10x1	M5	M5	30	1
GGG-G-10-5-5-60	1-40-10-52-00-GGS	M10x1	M5	M5	60	1
GGG-G-10-5-5-90	1-40-10-54-00-GGS	M10x1	M5	M5	90	1
GGG-G-10-18-5-30	1-40-10-62-00-GGS	M10x1	G1/8	M5	30	1
GGG-G-10-18-5-60	1-40-10-64-00-GGS	M10x1	G1/8	M5	60	1
GGG-G-10-18-5-90	1-40-10-66-00-GGS	M10x1	G1/8	M5	90	1
GGG-G-14-18-18-40	1-40-10-70-00-GGS	M14x1	G1/8	G1/8	40	1
GGG-G-14-18-18-80	1-40-10-72-00-GGS	M14x1	G1/8	G1/8	80	1
GGG-G-14-18-18-120	1-40-10-74-00-GGS	M14x1	G1/8	G1/8	120	1
GGG-G-20-14-18-50	1-40-10-80-00-GGS	M20x1	G1/4	G1/8	50	1
GGG-G-20-14-18-100	1-40-10-82-00-GGS	M20x1	G1/4	G1/8	100	1
GGG-G-20-14-18-150	1-40-10-84-00-GGS	M20x1	G1/4	G1/8	150	1

\*packing unit

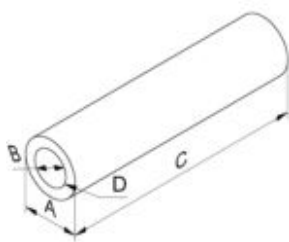
### GGE / Gripper Arm Thread Easy



Desc.	Article Nr.	A	B	C	D	PU*
GGG-LS-10-5-5-30	1-40-11-00-00-GGS	10	M5	30	9	1
GGE-10-5-5-15	1-40-14-02-00-GGE	10	M5	15	9	1
GGE-14-18-18-20	1-40-14-06-00-GGE	14	G1/8	20	13	1
GGE-20-14-14-25	1-40-14-10-00-GGE	20	G1/4	25	17	1

\*packing unit

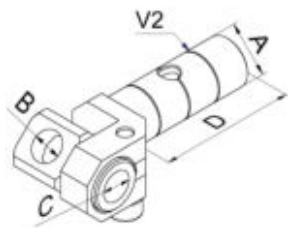
### GAR / Gripper Arm Tube



Desc.	Article Nr.	A	B	C	D	PU*
GAR-10-4,2-1000	1-40-14-90-00-GAR	10	4,2	1000	M5	1
GAR-14-8,7-1000	1-40-14-92-00-GAR	14	8,8	1000	G1/8	1
GAR-20-11,8-1000	1-40-14-94-00-GAR	20	11,8	1000	G1/4	1
GAR-20-16-1000	1-40-14-95-00-GAR	20	16	1000	M17 x1	1
GAR-30-26-1000	1-40-14-96-00-GAR	30	26	1000	M27 x1	1

\*packing unit

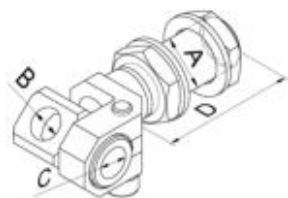
GGB / Swivel Gripper Arm for Vacuum Cups



Desc.	Article Nr.	A	B	C	D	PU*	
GGB-10-5-5-30	1-40-12-02-00-GGB	10	M5	M5	30	1	
GGB-10-5-5-60	1-40-12-04-00-GGB	10	M5	M5	60	1	
GGB-10-5-5-90	1-40-12-06-00-GGB	10	M5	M5	90	1	
GGB-14-18-18-40 Sale	1-40-12-22-00-999	14	G1/8	G1/8	40	1	
GGB-14-18-18-40	1-40-12-22-00-GGB	14	G1/8	G1/8	40	1	
GGB-14-18-18-80	1-40-12-24-00-GGB	14	G1/8	G1/8	80	1	
GGB-14-18-18-120	1-40-12-26-00-GGB	14	G1/8	G1/8	120	1	
GGB-20-14-18-50 Sale	1-40-12-40-00-999	20	G1/4	G1/8	50	1	
GGB-20-14-18-50	1-40-12-40-00-GGB	20	G1/4	G1/8	50	1	
GGB-20-14-18-100 Sale	1-40-12-42-00-999	20	G1/4	G1/8	100	1	
GGB-20-14-18-100	1-40-12-42-00-GGB	20	G1/4	G1/8	100	1	
GGB-20-14-18-150	1-40-12-44-00-GGB	20	G1/4	G1/8	150	1	
GGB-20-38-14-50	1-40-12-46-00-GGB	20	G3/8	G1/4	50	1	
GGB-20-38-14-100	1-40-12-48-00-GGB	20	G3/8	G1/4	100	1	
GGB-20-38-14-150	1-40-12-49-00-GGB	20	G3/8	G1/4	150	1	

\*packing unit

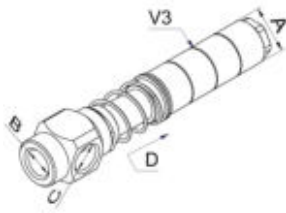
GGB-G / Swivel Gripper Arm for Vacuum Cups with threaded tube



Desc.	Article Nr.	A	B	C	D	PU*	
GGB-G-10-5-5-30	1-40-12-52-00-GGB	M10x1	M5	M5	30	1	
GGB-G-10-5-5-60	1-40-12-54-00-GGB	M10x1	M5	M5	60	1	
GGB-G-10-5-5-90	1-40-12-56-00-GGB	M10x1	M5	M5	90	1	
GGB-G-14-18-18-40	1-40-12-62-00-GGB	M14x1	G1/8	G1/8	40	1	
GGB-G-14-18-18-80	1-40-12-64-00-GGB	M14x1	G1/8	G1/8	80	1	
GGB-G-14-18-18-120	1-40-12-66-00-GGB	M14x1	G1/8	G1/8	120	1	
GGB-G-20-14-18-50	1-40-12-70-00-GGB	M20x1	G1/4	G1/8	50	1	
GGB-G-20-14-18-100	1-40-12-72-00-GGB	M20x1	G1/4	G1/8	100	1	
GGB-G-20-14-18-150	1-40-12-74-00-GGB	M20x1	G1/4	G1/8	150	1	

\*packing unit

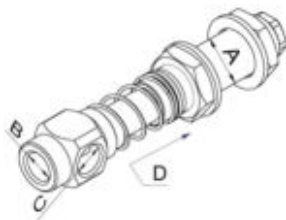
### GGD / Spring Loaded Vacuum Cup Arm



Desc.	Article Nr.	A	B	C	D	PU*	
GGD-10-5-5-10	1-40-20-06-00-GGD	10	M5	M5	10	1	
GGD-10-5-5-30	1-40-20-08-00-GGD	10	M5	M5	30	1	
GGD-14-18-18-15	1-40-20-10-00-GGD	14	G1/8	G1/8	15	1	
GGD-14-18-18-40	1-40-20-12-00-GGD	14	G1/8	G1/8	40	1	
GGD-20-14-18-20	1-40-20-15-00-GGD	20	G1/4	G1/8	20	1	
GGD-20-14-18-50	1-40-20-16-00-GGD	20	G1/4	G1/8	50	1	

\*packing unit

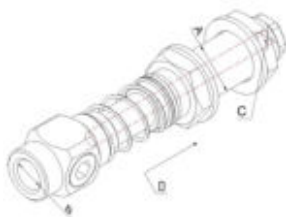
### GGD-G / Spring Loaded Vacuum Cup Arm with threaded tube



Desc.	Article Nr.	A	B	C	D	PU*	
GGD-G-10-5-5-10	1-40-20-50-00-GGD	M10x1	M5	M5	10	1	
GGD-G-10-5-5-30	1-40-20-52-00-GGD	M10x1	M5	M5	30	1	
GGD-G-14-18-18-15	1-40-20-54-00-GGD	M14x1	G1/8	G1/8	15	1	
GGD-G-14-18-18-40	1-40-20-56-00-GGD	M14x1	G1/8	G1/8	40	1	
GGD-G-20-14-18-20	1-40-20-58-00-GGD	M20x1	G1/4	G1/8	20	1	
GGD-G-20-14-18-50	1-40-20-60-00-GGD	M20x1	G1/4	G1/8	50	1	

\*packing unit

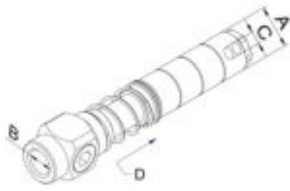
### GGD-G-LS / Spring Loaded Vacuum Cup Arm with threaded tube Air connection end of shaft



Desc.	Article Nr.	A	B	C	D	PU*	
GGD-G-10-5-5-10-LS	1-40-30-50-00-GGD	M10x1	M5	M5	10	1	
GGD-G-10-5-5-30-LS	1-40-30-52-00-GGD	M10x1	M5	M5	30	1	
GGD-G-14-18-5-15-LS	1-40-30-54-00-GGD	M14x1	G1/8	M5	15	1	
GGD-G-14-18-5-40-LS	1-40-30-56-00-GGD	M14x1	G1/8	M5	40	1	
GGD-G-20-14-18-20-LS	1-40-30-58-00-GGD	M20x1	G1/4	G1/8	20	1	
GGD-G-20-14-18-50-LS	1-40-30-60-00-GGD	M20x1	G1/4	G1/8	50	1	

\*packing unit

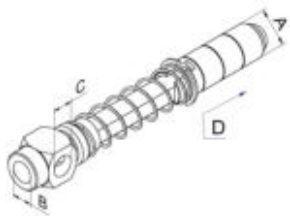
GGD-LS / Spring Loaded Vacuum Cup Arm Airconnection end of shaft



Desc.	Article Nr.	A	B	C	D	PU*
GGD-LS-10-5-5-10	1-40-20-20-00-GGD	10	M5	M5	10	1
GGD-LS-10-5-5-30	1-40-20-21-00-GGD	10	M5	M5	30	1
GGD-LS-14-18-5-15	1-40-20-22-00-GGD	14	G1/8	M5	15	1
GGD-LS-14-18-5-40	1-40-20-24-00-GGD	14	G1/8	M5	40	1
GGD-LS-20-14-18-20	1-40-20-26-00-GGD	20	G1/4	G1/8	20	1
GGD-LS-20-14-18-50	1-40-20-28-00-GGD	20	G1/4	G1/8	50	1

\*packing unit

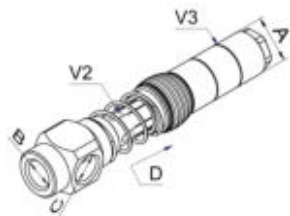
GGV-E / Spring Loaded Vacuum Cup Arm easy (non-rotational shaft)



Desc.	Article Nr.	A	B	C	D	PU*
GGV-E-14-18-18-15	1-40-20-30-00-GGV	14	G1/8	G1/8	15	1
GGV-E-14-18-18-40	1-40-20-32-00-GGV	14	G1/8	G1/8	40	1
GGV-E-20-14-18-50	1-40-20-36-00-GGV	20	G1/4	G1/8	50	1

\*packing unit

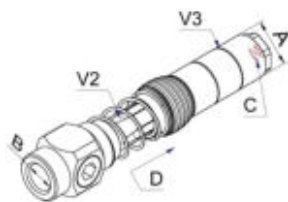
GGV-E-KF / Spring Loaded Vacuum Cup Arm easy (non-rotating shaft) ball-guided



Desc.	Article Nr.	A	B	C	D	PU*
GGV-E-10-5-5-10-KF	1-40-26-10-00-GGV	10	M5	M5	10	1
GGV-E-10-5-5-30-KF	1-40-26-14-00-GGV	10	M5	M5	30	1
GGV-E-14-18-18-15-KF	1-40-26-20-00-GGV	14	G1/8	G1/8	15	1
GGV-E-14-18-18-40-KF	1-40-26-24-00-GGV	14	G1/8	G1/8	40	1
GGV-E-20-14-18-20-KF	1-40-26-30-00-GGV	20	G1/4	G1/8	20	1
GGV-E-20-14-18-50-KF	1-40-26-34-00-GGV	20	G1/4	G1/8	50	1

\*packing unit

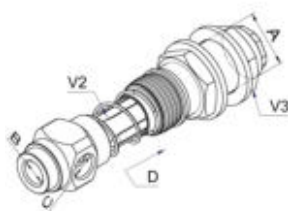
GGV-E-LS-KF / Springl. Vacuumcup Arm easy non-rotating shaft, ball-guided, air-connection through shaft



Desc.	Article Nr.	A	B	C	D	PU*
GGV-E-LS-10-5-5-10-KF	1-40-26-60-00-GGV	10	M5	M5	10	1
GGV-E-LS-10-5-5-30-KF	1-40-26-64-00-GGV	10	M5	M5	30	1
GGV-E-LS-14-18-5-15-KF	1-40-26-70-00-GGV	14	G1/8	M5	15	1
GGV-E-LS-14-18-5-40-KF	1-40-26-74-00-GGV	14	G1/8	M5	40	1
GGV-E-LS-20-14-18-20-KF	1-40-26-80-00-GGV	20	G1/4	G1/8	20	1
GGV-E-LS-20-14-18-50-KF	1-40-26-84-00-GGV	20	G1/4	G1/8	50	1

\*packing unit

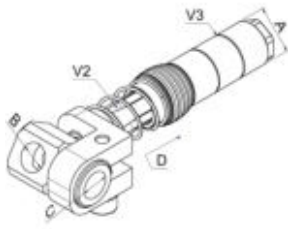
GGV-E-G-KF / Springloaded Vacuumcup Arm easy non-rotating shaft, ball-guided, with threaded tube



Desc.	Article Nr.	A	B	C	D	PU*
GGV-E-G-10-5-5-10-KF	1-40-28-50-00-GGV	M10x1	M5	M5	10	1
GGV-E-G-10-5-5-30-KF	1-40-28-54-00-GGV	M10x1	M5	M5	30	1
GGV-E-G-14-18-18-15-KF	1-40-28-60-00-GGV	M14x1	G1/8	G1/8	15	1
GGV-E-G-14-18-18-40-KF	1-40-28-64-00-GGV	M14x1	G1/8	G1/8	40	1
GGV-E-G-20-14-18-20-KF	1-40-28-70-00-GGV	M20x1	G1/4	G1/8	20	1
GGV-E-G-20-14-18-50-KF	1-40-28-74-00-GGV	M20x1	G1/4	G1/8	50	1

\*packing unit

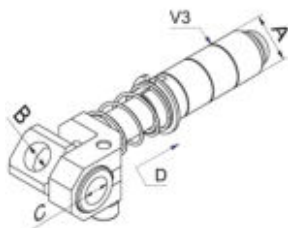
GGV-KF / Spring Loaded Vacuum Cup Arm (non-rotational shaft) ball-guided



Desc.	Article Nr.	A	B	C	D	PU*
GGV-10-5-5-10-KF	1-40-27-10-00-GGV	10	M5	M5	10	1
GGV-10-5-5-30-KF	1-40-27-14-00-GGV	10	M5	M5	30	1
GGV-14-18-18-15-KF	1-40-27-20-00-GGV	14	G1/8	G1/8	15	1
GGV-14-18-18-40-KF	1-40-27-24-00-GGV	14	G1/8	G1/8	40	1
GGV-20-14-18-20-KF	1-40-27-30-00-GGV	20	G1/4	G1/8	20	1
GGV-20-14-18-50-KF	1-40-27-34-00-GGV	20	G1/4	G1/8	50	1

\*packing unit

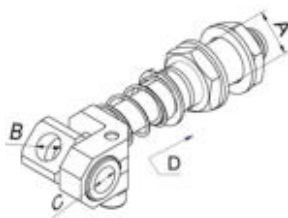
GGV / Spring Loaded Vacuum Cup Arm (non-rotational shaft)



Desc.	Article Nr.	A	B	C	D	PU*
GGV-10-5-5-10	1-40-22-08-00-GGV	10	M5	M5	10	1
GGV-10-5-5-30	1-40-22-09-00-GGV	10	M5	M5	30	1
GGV-14-18-18-15	1-40-22-10-00-GGV	14	G1/8	G1/8	15	1
GGV-14-18-18-40	1-40-22-12-00-GGV	14	G1/8	G1/8	40	1
GGV-20-14-18-20	1-40-22-14-00-GGV	20	G1/4	G1/8	20	1
GGV-20-14-18-50 (alte Ausf.)	1-40-22-16-00-GGV	20	G1/4	G1/8	50	1

\*packing unit

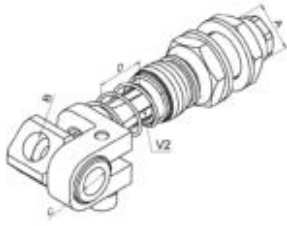
GGV-G / Spring Loaded Vacuum Cup Arm (non-rotational shaft)



Desc.	Article Nr.	A	B	C	D	PU*
GGV-G-10-5-5-10	1-40-22-72-00-GGV	M10x1	M5	M5	10	1
GGV-G-10-5-5-30	1-40-22-74-00-GGV	M10x1	M5	M5	30	1
GGV-G-14-18-18-15	1-40-22-76-00-GGV	M14x1	G1/8	G1/8	15	1
GGV-G-14-18-18-40	1-40-22-78-00-GGV	M14x1	G1/8	G1/8	40	1
GGV-G-20-14-18-20	1-40-22-80-00-GGV	M20x1	G1/4	G1/8	20	1
GGV-G-20-14-18-50	1-40-22-82-00-GGV	M20x1	G1/4	G1/8	50	1

\*packing unit

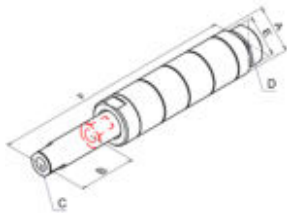
GGV-G-KF / Spring Loaded Vacuum Cup Arm (non-rotating shaft) ball-guided



Desc.	Article Nr.	A	B	C	D	PU*	
GGV-G-10-5-5-10-KF	1-40-27-50-00-GGV	M10x1	M5	M5	10	1	
GGV-G-10-5-5-30-KF	1-40-27-54-00-GGV	M10x1	M5	M5	30	1	
GGV-G-14-18-18-15-KF	1-40-27-60-00-GGV	M14x1	G1/8	G1/8	15	1	
GGV-G-14-18-18-40-KF	1-40-27-64-00-GGV	M14x1	G1/8	G1/8	40	1	
GGV-G-20-14-18-20-KF	1-40-27-70-00-GGV	M20x1	G1/4	G1/8	20	1	
GGV-G-20-14-18-50-KF	1-40-27-74-00-GGV	M20x1	G1/4	G1/8	50	1	

\*packing unit

VST / Vacuum Spring Plunger



Desc.	Article Nr.	A	B	C	D	PU*	
VST-14-5-5-20	1-40-48-10-00-VST	14	20	M5	M5	1	
VST-20-18-5-30	1-40-48-20-00-VST	20	30	G1/8	M5	1	

\*packing unit



## 45 Gripper arms for function elements

### SHT-P-KS / Shaft Gripperarm Prism Headsystem



Desc.	Article Nr.	A	B	C	D	PU*	
SHT-P13-30-KS8	1-40-60-02-00-SHT	P13	30	8	-	1	
SHT-P13-60-KS8	1-40-60-04-00-SHT	P13	60	8	-	1	
SHT-P13-90-KS8	1-40-60-06-00-SHT	P13	90	8	-	1	
SHT-P22-50-KS18	1-40-60-10-00-SHT	P22	50	18	-	1	
SHT-P22-100-KS18	1-40-60-12-00-SHT	P22	100	18	-	1	
SHT-P22-150-KS18	1-40-60-14-00-SHT	P22	150	18	-	1	

\*packing unit

### SHT-R-KS / Shaft Gripperarm Round Headsystem



Desc.	Article Nr.	A	B	C	D	PU*	
SHT-R-10-30-KS8	1-40-61-02-00-SHT	10	30	8	-	1	
SHT-R-10-60-KS8	1-40-61-04-00-SHT	10	60	8	-	1	
SHT-R-10-90-KS8	1-40-61-06-00-SHT	10	90	8	-	1	
SHT-R-14-40-KS8	1-40-61-10-00-SHT	14	40	8	-	1	
SHT-R-14-80-KS8	1-40-61-12-00-SHT	14	80	8	-	1	
SHT-R-14-120-KS8	1-40-61-14-00-SHT	14	120	8	-	1	
SHT-R-20-50-KS18	1-40-61-20-00-SHT	20	50	18	-	1	
SHT-R-20-100-KS18	1-40-61-22-00-SHT	20	100	18	-	1	
SHT-R-20-150-KS18	1-40-61-24-00-SHT	20	150	18	-	1	

\*packing unit

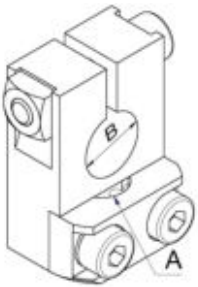
SHT-GF-V-R-KS-KF / Shaft f. Gripperarm spring-loaded non-rotational round head-system



Desc.	Article Nr.	A	B	C	D	PU*
SHT-GF-V-R-10-10-KS8-KF	1-40-61-70-00-SHT	10	10	8	-	1
SHT-GF-V-R-10-30-KS8-KF	1-40-61-72-00-SHT	10	30	8	-	1
SHT-GF-V-R-14-15-KS8-KF	1-40-61-80-00-SHT	14	15	8	-	1
SHT-GF-V-R-14-40-KS8-KF	1-40-61-82-00-SHT	14	40	8	-	1
SHT-GF-V-R-20-20-KS18-KF	1-40-61-90-00-SHT	20	20	18	-	1
SHT-GF-V-R-20-50-KS18-KF	1-40-61-92-00-SHT	20	50	18	-	1

\*packing unit

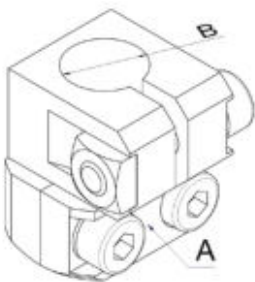
GWR-KS / Angle Gripper Arm Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
GWR-KS8-10	1-45-60-02-00-GWR	8	10	-	-	1
GWR-KS8-14	1-45-60-04-00-GWR	8	14	-	-	1
GWR-KS18-14	1-45-60-10-00-GWR	18	14	-	-	1
GWR-KS18-20	1-45-60-12-00-GWR	18	20	-	-	1
GWR-KS18-30	1-45-60-14-00-GWR	18	30	-	-	1

\*packing unit

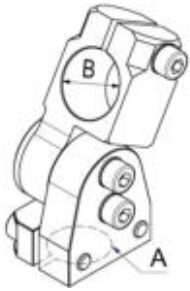
GHW-KS / Gripper Arm Holder Operative Elements Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
GHW-KS8-10	1-45-60-50-00-GHW	8	10	-	-	1
GHW-KS8-14	1-45-60-52-00-GHW	8	14	-	-	1
GHW-KS18-14	1-45-60-60-00-GHW	18	14	-	-	1
GHW-KS18-20	1-45-60-62-00-GHW	18	20	-	-	1

\*packing unit

### GVR-KS-R / Elbow Gripper Arm Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
GVR-KS8-R-10	1-45-62-02-00-GVR	8	10	-	-	1
GVR-KS8-R-14	1-45-62-04-00-GVR	8	14	-	-	1
GVR-KS18-R-14	1-45-62-10-00-GVR	18	14	-	-	1
GVR-KS18-R-20	1-45-62-12-00-GVR	18	20	-	-	1
GVR-KS18-R-30	1-45-62-14-00-GVR	18	30	-	-	1

\*packing unit

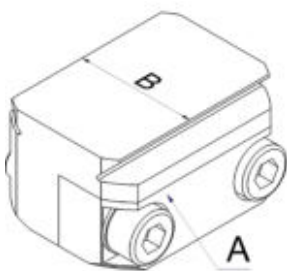
### GVR-KS-P / Elbow Gripper Arm prism Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
GVR-KS8-P13	1-45-62-30-00-GVR	8	P13	-	-	1
GVR-KS18-P22	1-45-62-36-00-GVR	18	P22	-	-	1

\*packing unit

### GWP-KS / Gripper angle prism Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
GWP-KS8-PA-13	1-45-64-02-00-GWP	8	P13	-	-	1
GWP-KS18-PA-22	1-45-64-04-00-GWP	18	P22	-	-	1

\*packing unit

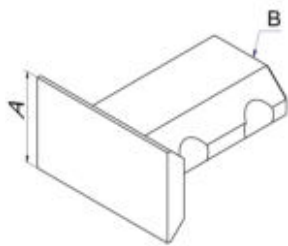
### SHT-KS-P / Shaft Headsystem Prism



Desc.	Article Nr.	A	B	C	D	PU*
SHT-KS-P13-30	1-40-63-08-00-SHT	P13	30	-	-	1
SHT-KS-P13-60	1-40-63-10-00-SHT	P13	60	-	-	1
SHT-KS-P13-90	1-40-63-12-00-SHT	P13	90	-	-	1
SHT-KS-P22-50	1-40-63-20-00-SHT	P22	50	-	-	1
SHT-KS-P22-100	1-40-63-22-00-SHT	P22	100	-	-	1
SHT-KS-P22-150	1-40-63-24-00-SHT	P22	150	-	-	1

\*packing unit

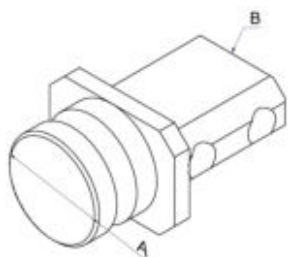
AKS-KS-P-P / Adapter Gripperarm Prism Headsystem Prism with Prism



Desc.	Article Nr.	A	B	C	D	PU*
AKS-KS-P13-P13	1-40-63-50-00-AKS	P13	SHT-KS-P13	-	-	1
AKS-KS-P22-P22	1-40-63-54-00-AKS	P22	SHT-KS-P22	-	-	1

\*packing unit

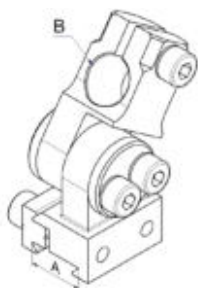
AKS-KS-P-KS / Adapter Gripperarm Headsystem Prism with Headsystem



Desc.	Article Nr.	A	B	C	D	PU*
AKS-KS-P13-KS8	1-40-63-60-00-AKS	KS8	SHT-KS-P13	-	-	1
AKS-KS-P22-KS18	1-40-63-64-00-AKS	KS18	SHT-KS-P22	-	-	1

\*packing unit

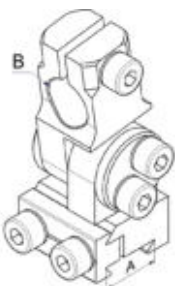
GVR-KS-P-0 / Elbow Gripper Arm Prism Headsystem 0°



Desc.	Article Nr.	A	B	C	D	PU*
GVR-KS-P13-0-10	1-45-63-10-00-GVR	P13	10	-	-	1
GVR-KS-P22-0-20	1-45-63-14-00-GVR	P22	20	-	-	1

\*packing unit

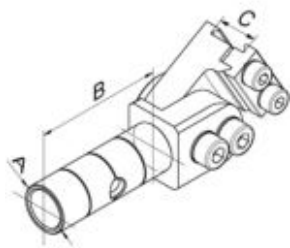
GVR-KS-P-90 / Elbow Gripper Arm Prism Headsystem 90°



Desc.	Article Nr.	A	B	C	D	PU*
GVR-KS-P13-90-10	1-45-63-20-00-GVR	P13	10	-	-	1
GVR-KS-P22-90-20	1-45-63-24-00-GVR	P22	20	-	-	1

\*packing unit

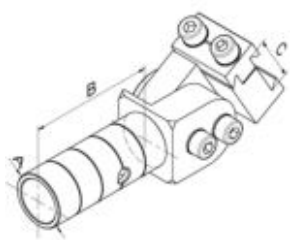
GVR-P-0 / Elbow Gripper Arm Prism 0°



Desc.	Article Nr.	A	B	C	D	PU*
GVR-14-40-P13-0	1-45-40-10-00-GVR	14	40	P13	-	1
GVR-14-80-P13-0	1-45-40-12-00-GVR	14	80	P13	-	1
GVR-14-120-P13-0	1-45-40-14-00-GVR	14	120	P13	-	1
GVR-20-50-P22-0	1-45-40-20-00-GVR	20	50	P22	-	1
GVR-20-100-P22-0	1-45-40-22-00-GVR	20	100	P22	-	1
GVR-20-150-P22-0	1-45-40-24-00-GVR	20	150	P22	-	1

\*packing unit

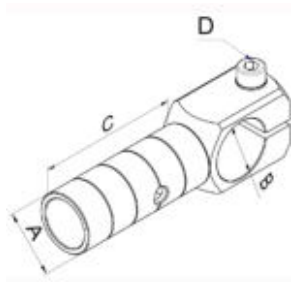
GVR-P-90 / Elbow Gripper Arm Prism 90°



Desc.	Article Nr.	A	B	C	D	PU*
GVR-14-40-P13-90	1-45-41-10-00-GVR	14	40	P13	-	1
GVR-14-80-P13-90	1-45-41-12-00-GVR	14	80	P13	-	1
GVR-14-120-P13-90	1-45-41-14-00-GVR	14	120	P13	-	1
GVR-20-50-P22-90	1-45-41-20-00-GVR	20	50	P22	-	1
GVR-20-100-P22-90	1-45-41-22-00-GVR	20	100	P22	-	1
GVR-20-150-P22-90	1-45-41-24-00-GVR	20	150	P22	-	1

\*packing unit

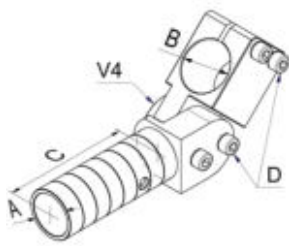
GWR / Angle Gripper Arm



Desc.	Article Nr.	A	B	C	D	PU*	
GWR-10-10-10	1-45-10-01-00-GWR	10	10	10	-	1	
GWR-10-10-30	1-45-10-02-00-GWR	10	10	30	-	1	
GWR-10-10-60	1-45-10-04-00-GWR	10	10	60	-	1	
GWR-10-10-90	1-45-10-06-00-GWR	10	10	90	-	1	
GWR-14-14-14	1-45-10-07-00-GWR	14	14	14	-	1	
GWR-14-14-40 Sale	1-45-10-08-00-999	14	14	40	-	1	
GWR-14-14-40	1-45-10-08-00-GWR	14	14	40	-	1	
GWR-14-14-80 Sale	1-45-10-10-00-999	14	14	80	-	1	
GWR-14-14-80	1-45-10-10-00-GWR	14	14	80	-	1	
GWR-14-14-120	1-45-10-12-00-GWR	14	14	120	-	1	
GWR-20-20-20	1-45-10-13-00-GWR	20	20	20	-	1	
GWR-20-20-50 Sale	1-45-10-14-00-999	20	20	50	-	1	
GWR-20-20-50	1-45-10-14-00-GWR	20	20	50	-	1	
GWR-20-20-100	1-45-10-16-00-GWR	20	20	100	-	1	
GWR-20-20-150	1-45-10-18-00-GWR	20	20	150	-	1	
GWR-30-30-80-M8-V	1-45-10-26-00-002	30	30	80	2*M8	1	
GWR-30-30-80	1-45-10-26-00-GWR	30	30	80	2*M6	1	
GWR-30-30-140-M8-V	1-45-10-28-00-002	30	30	80	2*M8	1	
GWR-30-30-140	1-45-10-28-00-GWR	30	30	140	2*M6	1	
GWR-30-30-200	1-45-10-30-00-GWR	30	30	200	2*M6	1	

\*packing unit

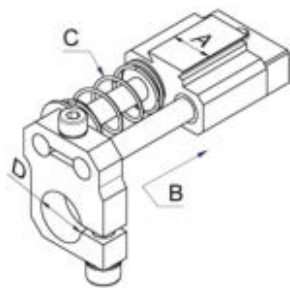
GVR / Elbow Gripper Arm



Desc.	Article Nr.	A	B	C	D	PU*	
GVR-10-10-30	1-45-12-02-00-GVR	10	10	30	-	1	
GVR-10-10-60	1-45-12-04-00-GVR	10	10	60	-	1	
GVR-10-10-90	1-45-12-06-00-GVR	10	10	90	-	1	
GVR-14-14-40	1-45-12-08-00-GVR	14	14	40	-	1	
GVR-14-14-80	1-45-12-10-00-GVR	14	14	80	-	1	
GVR-14-14-120	1-45-12-12-00-GVR	14	14	120	-	1	
GVR-20-20-50	1-45-12-14-00-GVR	20	20	50	-	1	
GVR-20-20-100	1-45-12-16-00-GVR	20	20	100	-	1	
GVR-20-20-150	1-45-12-18-00-GVR	20	20	150	-	1	
GVR-20-30-50	1-45-12-20-00-GVR	20	30	50	-	1	
GVR-20-30-100	1-45-12-22-00-GVR	20	30	100	-	1	
GVR-20-30-150	1-45-12-24-00-GVR	20	30	150	-	1	
GVR-30-30-80-M8-V	1-45-12-26-00-002	30	30	80	2*M8	1	
GVR-30-30-80 Sale	1-45-12-26-00-999	30	30	80	-	1	
GVR-30-30-80	1-45-12-26-00-GVR	30	30	80	2*M6	1	
GVR-30-30-140-M8-V	1-45-12-28-00-002	30	30	140	2*M8	1	
GVR-30-30-140 Sale	1-45-12-28-00-999	30	30	140	-	1	
GVR-30-30-140	1-45-12-28-00-GVR	30	30	140	2*M6	1	
GVR-30-30-200 Sale	1-45-12-30-00-999	30	30	200	-	1	
GVR-30-30-200	1-45-12-30-00-GVR	30	30	200	2*M6	1	
GVR-10-14-30	1-45-12-40-00-GVR	10	14	30	-	1	
GVR-10-14-60	1-45-12-42-00-GVR	10	14	60	-	1	
GVR-10-14-90	1-45-12-44-00-GVR	10	14	90	-	1	

\*packing unit

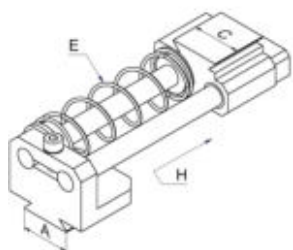
GVP-WR / Elbow Angle Gripper Arm Spring Loaded Non Rotation



Desc.	Article Nr.	A	B	C	D	PU*
GVP-WR-P13-20-W-10	1-45-30-17-00-GVP	P13	20	W	10	1
GVP-WR-P13-50-W-10	1-45-30-18-00-GVP	P13	50	W	10	1
GVP-WR-P13-20-W-14	1-45-30-20-00-GVP	P13	20	W	14	1
GVP-WR-P13-20-H-14	1-45-30-22-00-GVP	P13	20	H	14	1
GVP-WR-P13-50-W-14	1-45-30-24-00-GVP	P13	50	W	14	1
GVP-WR-P13-50-H-14	1-45-30-26-00-GVP	P13	50	H	14	1
GVP-WR-P22-20-W-20	1-45-30-30-00-GVP	P22	20	W	20	1
GVP-WR-P22-20-H-20	1-45-30-32-00-GVP	P22	20	H	20	1
GVP-WR-P22-50-W-20	1-45-30-34-00-GVP	P22	50	W	20	1
GVP-WR-P22-50-H-20	1-45-30-36-00-GVP	P22	50	H	20	1
GVP-WR-P22-20-W-14	1-45-30-40-00-GVP	P22	20	W	14	1
GVP-WR-P22-50-W-14	1-45-30-44-00-GVP	P22	50	W	14	1

\*packing unit

GVP-WP / Elbow Angle Gripper Arm Spring Loaded Non Rotation

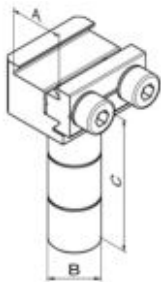


Desc.	Article Nr.	A	B	C	D	PU*
GVP-WP-P13-20-P13-W	1-45-31-20-00-GVP	P13	20	P13	W	1
GVP-WP-P13-20-P13-H	1-45-31-22-00-GVP	P13	20	P13	H	1
GVP-WP-P13-50-P13-W	1-45-31-24-00-GVP	P13	50	P13	W	1
GVP-WP-P13-50-P13-H	1-45-31-26-00-GVP	P13	50	P13	H	1
GVP-WP-P22-20-P22-W	1-45-31-30-00-GVP	P22	20	P22	W	1
GVP-WP-P22-20-P22-H	1-45-31-32-00-GVP	P22	20	P22	H	1
GVP-WP-P22-50-P22-W	1-45-31-34-00-GVP	P22	50	P22	W	1
GVP-WP-P22-50-P22-H	1-45-31-36-00-GVP	P22	50	P22	H	1

\*packing unit



GWP-PI / Elbow Gripper Arm Prism Inside

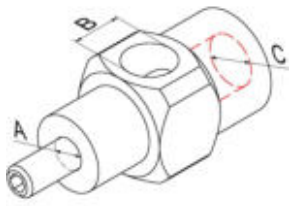


Desc.	Article Nr.	A	B	C	D	PU*	
GWP-PI-22-20-30	1-45-50-16-00-GWP	P22	20	30	-	1	
GWP-PI-13-10-30	1-45-50-20-00-GWP	P13	10	30		1	
GWP-PI-13-10-60	1-45-50-22-00-GWP	P13	10	60		1	
GWP-PI-13-10-90	1-45-50-24-00-GWP	P13	10	90		1	
GWP-PI-13-14-40	1-45-50-26-00-GWP	P13	14	40		1	
GWP-PI-13-14-80	1-45-50-28-00-GWP	P13	14	80		1	
GWP-PI-13-14-120	1-45-50-30-00-GWP	P13	14	120		1	
GWP-PI-22-14-40	1-45-50-32-00-GWP	P22	14	40		1	
GWP-PI-22-14-80	1-45-50-34-00-GWP	P22	14	80		1	
GWP-PI-22-14-120	1-45-50-36-00-GWP	P22	14	120		1	
GWP-PI-22-20-50	1-45-50-38-00-GWP	P22	20	50		1	
GWP-PI-22-20-100	1-45-50-40-00-GWP	P22	20	100		1	
GWP-PI-22-20-150	1-45-50-42-00-GWP	P22	20	150		1	

\*packing unit

## 50 Adapter for vacuum cups

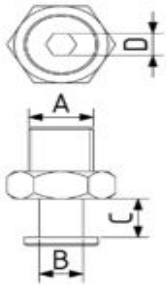
ASI / Adapter for Vacuum Cup Inside Thread



Desc.	Article Nr.	A	B	C	D	PU*	
ASI-3-5-5	1-50-10-02-00-ASI	M3	M5	M5	-	1	
ASI-5-5-5	1-50-10-04-00-ASI	M5	M5	M5	-	1	
ASI-5-18-5	1-50-10-06-00-ASI	M5	M5	G1/8	-	1	
ASI-5-18-18	1-50-10-07-00-ASI	M5	G1/8	G1/8	-	1	
ASI-8-18-18	1-50-10-08-00-ASI	M8	G1/8	G1/8	-	1	
ASI-8-14-18	1-50-10-10-00-ASI	M8	G1/8	G1/4	-	1	

\*packing unit

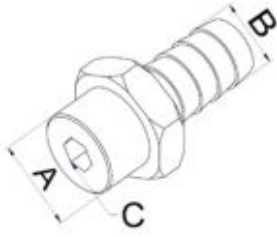
ASG / Adapter for Vacuum Cup



Desc.	Article Nr.	A	B	C	D	PU*
ASG-10-5	1-50-00-10-00-ASG	M5	2	1,5	--	1
ASG-12-5	1-50-00-12-00-ASG	M5	5	2	2	1
ASG-13-5	1-50-00-13-00-ASG	M5	6	2	2	1
ASG-14-18	1-50-00-14-00-ASG	G1/8	6	2	3	1
ASG-16-14	1-50-00-16-00-ASG	G1/4	12	--	5	1
ASG-18-18	1-50-00-18-00-ASG	G1/8	12	--	4	1
ASG-40-5	1-50-00-30-00-ASG	M5	2	1,5	--	1
ASG-41-18	1-50-00-32-00-ASG	G1/8	2	1,5	--	1
ASG-42-5	1-50-00-34-00-ASG	M5	4	2	2	1
ASG-44-5	1-50-00-36-00-ASG	M5	5	2,5	2	1
ASG-45-5	1-50-00-37-00-ASG	M5	5	4,5	2	1
ASG-46-18	1-50-00-38-00-ASG	G1/8	5	4,5	3	1
ASG-47-5	1-50-00-39-00-ASG	M5	6,5	7	2	1
ASG-48-18	1-50-00-40-00-ASG	G1/8	6,5	7	4	1
ASG-49-5	1-50-00-41-00-ASG	M5	6,5	7	2	1
ASG-50-18	1-50-00-42-00-ASG	G1/8	8,5	7	5	1
ASG-51-18	1-50-00-43-00-ASG	G1/8	8,2	10	5	1
ASG-52-14	1-50-00-44-00-ASG	G1/4	M10 x1,2 5	8	5	1
ASG-53-14	1-50-00-45-00-ASG	G1/4	G1/4	10	5	1
ASG-54-5	1-50-00-46-00-ASG	M5	5,8	4	2	1
ASG-55-18	1-50-00-48-00-ASG	G1/8	5,8	3,9	3	1
ASG-58-18	1-50-00-50-00-ASG	G1/8	8,5	12	5	1
ASG-59-18	1-50-00-51-00-ASG	G1/8	9,5	6,8	5	1
ASG-60-14	1-50-00-52-00-ASG	G1/4	12,6	19	6	1
ASG-62-14	1-50-00-54-00-ASG	G1/4	8,5	12	5	1
ASG-70-18	1-50-00-60-00-ASG	G1/8	4	2	2	1
ASG-80-14	1-50-00-68-00-ASG	G1/4	8,5	7	5	1
ASG-84-18	1-50-00-72-00-ASG	G1/8	8,5	12,8	5	1
ASG-150-5	1-50-02-20-02-ASG	M5	4	3	2	1
ASG-152-18	1-50-02-20-04-ASG	G1/8	4	3	2	1
ASG-154-18	1-50-02-20-06-ASG	G1/8	6	4,7	3	1
ASG-156-18	1-50-02-20-08-ASG	G1/8	7,5	4,2	4	1
ASG-158-14	1-50-02-20-10-ASG	G1/4	7,5	4,2	4	1
ASG-160-14	1-50-02-20-12-ASG	G1/4	11,5	5,2	4	1
ASG-202-18-LC	1-50-90-22-00-ASG	G1/8	8,5	4,5	3	1
ASG-203-18-LC	1-50-90-23-00-ASG	G1/8	7,5	5	3	1
ASG-204-14-LC	1-50-90-24-00-ASG	G1/4	7,5	5	4	1
ASG-205-14-LC	1-50-90-25-00-ASG	G1/4	11,5	5,2	4	1
ASG-206-38-LC	1-50-90-26-00-ASG	G3/8	11,5	5,2	5	1
ASG-207-18-LC	1-50-90-27-00-ASG	G1/8	11,5	5,2	3	1

\*packing unit

ASG-X / Adapter for Vacuum Cup universal



Desc.	Article Nr.	A	B	C	D	PU*	
ASG-120-18	1-50-02-10-00-ASG	G1/8	10	5	-	1	
ASG-122-14	1-50-02-12-00-ASG	G1/4	10	5	-	1	

\*packing unit

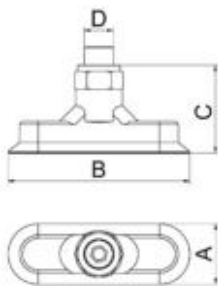
## 55 Vacuum cups

Info 1 / Material Information

INFO	Desc.	Article Nr.	A	B	C	D	PU*	
	Material: Hochleistungs-Elastomer (HE)	1-55-99-99-02-MAT					1	
	Material: Nitril (NBR)	1-55-99-99-04-MAT					1	
	Material: Silikone (S)	1-55-99-99-06-MAT					1	
	Material: Polyurethan-Elastomer (PU)	1-55-99-99-08-MAT					1	
	Material: Hochtemperatur (HT)	1-55-99-99-10-MAT					1	
	Material: Natur Kautschuk (NK)	1-55-99-99-12-MAT					1	

\*packing unit

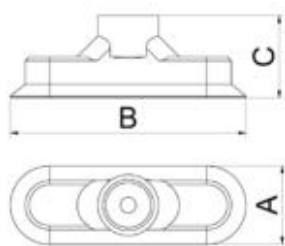
SG0 / Vacuum Cup Oval (complete)



Desc.	Article Nr.	A	B	C	D	PU*
SG0-2-4-HE-5	1-55-10-10-00-SG0	2	4	11	M5	1
SG0-3,5-7-HE-5	1-55-10-14-00-SG0	3,5	7	12	M5	1
SG0-5-15-HE-5	1-55-10-18-00-SG0	5	15	18	M5	1
SG0-6-18-HE-5	1-55-10-22-00-SG0	6	18	18	M5	1
SG0-8-24-HE-5	1-55-10-24-00-SG0	8	24	18	M5	1
SG0-8-24-HE-18	1-55-10-26-00-SG0	8	24	18	G1/8	1
SG0-10-30-HE-18	1-55-10-30-00-SG0	10	30	18	G1/8	1
SG0-15-45-HE-18	1-55-10-32-00-SG0	15	45	27	G1/8	1
SG0-15-45-HE-14	1-55-10-34-00-SG0	15	45	28	G1/4	1
SG0-20-60-HE-18	1-55-10-36-00-SG0	20	60	28	G1/8	1
SG0-20-60-HE-14	1-55-10-38-00-SG0	20	60	28	G1/4	1
SG0-25-75-HE-18	1-55-10-40-00-SG0	25	75	36	G1/8	1
SG0-25-75-HE-14	1-55-10-42-00-SG0	25	75	36	G1/4	1
SG0-30-90-HE-18	1-55-10-43-00-SG0	30	90	38	G1/8	1
SG0-30-90-HE-14	1-55-10-44-00-SG0	30	90	38	G1/4	1
SG0-2-4-N-5	1-55-11-10-00-SG0	2	4	11	M5	1
SG0-3,5-7-N-5	1-55-11-14-00-SG0	3,5	7	12	M5	1
SG0-5-15-N-5	1-55-11-18-00-SG0	5	15	18	M5	1
SG0-6-18-N-5	1-55-11-22-00-SG0	6	18	18	M5	1
SG0-8-24-N-18	1-55-11-26-00-SG0	8	24	18	G1/8	1
SG0-10-30-N-5	1-55-11-28-00-SG0	10	30	18	M5	1
SG0-10-30-N-18	1-55-11-30-00-SG0	10	30	18	G1/8	1
SG0-15-45-N-18	1-55-11-32-00-SG0	15	45	27	G1/8	1
SG0-15-45-N-14	1-55-11-34-00-SG0	15	45	28	G1/4	1
SG0-20-60-N-18	1-55-11-36-00-SG0	20	60	28	G1/8	1
SG0-20-60-N-14	1-55-11-38-00-SG0	20	60	28	G1/4	1
SG0-25-75-N-18	1-55-11-40-00-SG0	25	75	36	G1/8	1
SG0-25-75-N-14	1-55-11-42-00-SG0	25	75	36	G1/4	1
SG0-30-90-N-18	1-55-11-43-00-SG0	30	90	38	G1/8	1
SG0-30-90-N-14	1-55-11-44-00-SG0	30	90	38	G1/4	1

\*packing unit

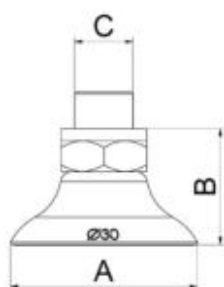
GN0 / Vacuum Cup Oval only



Desc.	Article Nr.	A	B	C	D	PU*
GN0-2-4-HE	1-55-10-10-02-GN0	2	4	6	-	1
GN0-3,5-7-HE	1-55-10-14-02-GN0	3,5	7	6	-	1
GN0-5-15-HE	1-55-10-18-02-GN0	5	15	12	-	1
GN0-6-18-HE	1-55-10-22-02-GN0	6	18	12	-	1
GN0-8-24-HE	1-55-10-26-02-GN0	8	24	12	-	1
GN0-10-30-HE	1-55-10-30-02-GN0	10	30	12	-	1
GN0-15-45-HE	1-55-10-34-02-GN0	15	45	21	-	1
GN0-20-60-HE	1-55-10-38-02-GN0	20	60	21	-	1
GN0-25-75-HE	1-55-10-42-02-GN0	25	75	21	-	1
GN0-30-90-HE	1-55-10-44-02-GN0	30	90	21	-	1
GN0-2-4-N	1-55-11-10-02-GN0	2	4	6	-	1
GN0-3,5-7-N	1-55-11-14-02-GN0	3,5	7	6	-	1
GN0-5-15-N	1-55-11-18-02-GN0	5	15	12	-	1
GN0-6-18-N	1-55-11-22-02-GN0	6	18	12	-	1
GN0-8-24-N	1-55-11-26-02-GN0	8	24	12	-	1
GN0-10-30-N	1-55-11-30-02-GN0	10	30	12	-	1
GN0-15-45-N	1-55-11-34-02-GN0	15	45	21	-	1
GN0-20-60-N	1-55-11-38-02-GN0	20	60	21	-	1
GN0-25-75-N	1-55-11-42-02-GN0	25	75	21	-	1
GN0-30-90-N	1-55-11-44-02-GN0	30	90	21	-	1

\*packing unit

SG1 / Vacuum Cup with 1 Bellow (complete)



Desc.	Article Nr.	A	B	C	D	PU*
SG1-2-S-5	1-55-14-10-00-SG1	2	14	M5	-	1
SG1-3,5-S-5	1-55-14-13-00-SG1	3,5	14	M5	-	1
SG1-5-S-5	1-55-14-16-00-SG1	5	16	M5	-	1
SG1-5-HE-5	1-55-14-19-00-SG1	5	16	M5	-	1
SG1-8-S-5	1-55-14-22-00-SG1	8	16,5	M5	-	1
SG1-8-HE-5	1-55-14-25-00-SG1	8	16,5	M5	-	1
SG1-10-S-5	1-55-14-28-00-SG1	10	17	M5	-	1
SG1-10-HE-5	1-55-14-31-00-SG1	10	17	M5	-	1
SG1-15-S-5	1-55-14-34-00-SG1	15	18	M5	-	1
SG1-15-HE-5	1-55-14-37-00-SG1	15	18	M5	-	1
SG1-20-S-5	1-55-14-39-00-SG1	20	16	M5	-	1
SG1-20-S-18	1-55-14-40-00-SG1	20	18	G1/8	-	1
SG1-20-HE-5	1-55-14-42-00-SG1	20	16	M5	-	1
SG1-20-HE-18	1-55-14-43-00-SG1	20	16	G1/8	-	1
SG1-25-S-5	1-55-14-45-00-SG1	25	27	M5	-	1

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SG1-25-S-18	1-55-14-46-00-SG1	25	27	G1/8	-	1	
SG1-25-HE-5	1-55-14-48-00-SG1	25	27	M5	-	1	
SG1-25-HE-18	1-55-14-49-00-SG1	25	27	G1/8	-	1	
SG1-30-S-18	1-55-14-52-00-SG1	30	25	G1/8	-	1	
SG1-30-HE-5	1-55-14-54-00-SG1	30	25	M5	-	1	
SG1-30-HE-18	1-55-14-55-00-SG1	30	25	G1/8	-	1	
SG1-40-S-18	1-55-14-58-00-SG1	40	27	G1/8	-	1	
SG1-40-HE-18	1-55-14-61-00-SG1	40	27	G1/8	-	1	
SG1-50-S-18	1-55-14-64-00-SG1	50	28	G1/8	-	1	
SG1-50-S-14	1-55-14-65-00-SG1	50	28	G1/4	-	1	
SG1-50-HE-18	1-55-14-67-00-SG1	50	28	G1/8	-	1	
SG1-50-HE-14	1-55-14-68-00-SG1	50	28	G1/4	-	1	
SG1-60-S-14	1-55-14-70-00-SG1	60	33	G1/4	-	1	
SG1-60-HE-14	1-55-14-73-00-SG1	60	33	G1/4	-	1	
SG1-80-S-14	1-55-14-76-00-SG1	80	33	G1/4	-	1	
SG1-80-HE-14	1-55-14-79-00-SG1	80	33	G1/4	-	1	
SG1-95-S-14	1-55-14-82-00-SG1	95	34	G1/4	-	1	
SG1-95-HE-14	1-55-14-84-00-SG1	95	34	G1/4	-	1	
SG1-2-N-5	1-55-15-10-00-SG1	2	14	M5	-	1	
SG1-3,5-N-5	1-55-15-13-00-SG1	3,5	14	M5	-	1	
SG1-5-N-5	1-55-15-19-00-SG1	5	16	M5	-	1	
SG1-8-N-5	1-55-15-25-00-SG1	8	16,5	M5	-	1	
SG1-10-N-5	1-55-15-31-00-SG1	10	17	M5	-	1	
SG1-15-N-5	1-55-15-37-00-SG1	15	18	M5	-	1	
SG1-20-N-5	1-55-15-42-00-SG1	20	16	M5	-	1	
SG1-20-N-18	1-55-15-43-00-SG1	20	16	G1/8	-	1	
SG1-25-N-5	1-55-15-48-00-SG1	25	27	M5	-	1	
SG1-25-N-18	1-55-15-49-00-SG1	25	27	G1/8	-	1	
SG1-30-N-18	1-55-15-55-00-SG1	30	25	G1/8	-	1	
SG1-40-N-18	1-55-15-61-00-SG1	40	27	G1/8	-	1	
SG1-50-N-18	1-55-15-67-00-SG1	50	28	G1/8	-	1	
SG1-50-N-14	1-55-15-68-00-SG1	50	28	G1/4	-	1	
SG1-60-N-14	1-55-15-73-00-SG1	60	33	G1/4	-	1	
SG1-80-N-14	1-55-15-79-00-SG1	80	33	G1/4	-	1	
SG1-95-N-14	1-55-15-84-00-SG1	95	34	G1/4	-	1	

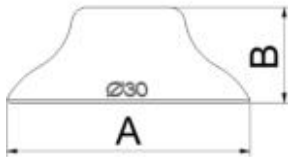
\*packing unit

GN1 / Vacuum Cup with 1 Bellow only

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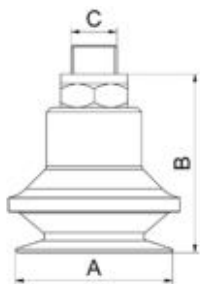




Desc.	Article Nr.	A	B	C	D	PU*
GN1-2-S	1-55-14-10-02-GN1	2	4	-	-	1
GN1-3,5-S	1-55-14-13-02-GN1	3,5	4	-	-	1
GN1-5-S	1-55-14-16-02-GN1	5	7	-	-	1
GN1-5-HE	1-55-14-19-02-GN1	5	7	-	-	1
GN1-8-S	1-55-14-22-02-GN1	8	8	-	-	1
GN1-8-HE	1-55-14-25-02-GN1	8	8	-	-	1
GN1-10-S	1-55-14-28-02-GN1	10	8	-	-	1
GN1-10-HE	1-55-14-31-02-GN1	10	8	-	-	1
GN1-15-S	1-55-14-34-02-GN1	15	10	-	-	1
GN1-15-HE	1-55-14-37-02-GN1	15	10	-	-	1
GN1-20-S	1-55-14-40-02-GN1	20	11	-	-	1
GN1-20-HE	1-55-14-43-02-GN1	20	11	-	-	1
GN1-25-S	1-55-14-46-02-GN1	25	15	-	-	1
GN1-25-HE	1-55-14-49-02-GN1	25	15	-	-	1
GN1-30-S	1-55-14-52-02-GN1	30	15	-	-	1
GN1-30-HE	1-55-14-55-02-GN1	30	13	-	-	1
GN1-40-S	1-55-14-58-02-GN1	40	15	-	-	1
GN1-40-HE	1-55-14-61-02-GN1	43	15	-	-	1
GN1-50-S	1-55-14-64-02-GN1	50	16	-	-	1
GN1-50-HE	1-55-14-67-02-GN1	53	16	-	-	1
GN1-60-S	1-55-14-70-02-GN1	60	17	-	-	1
GN1-60-HE	1-55-14-73-02-GN1	60	17	-	-	1
GN1-80-S	1-55-14-76-02-GN1	80	19	-	-	1
GN1-80-HE	1-55-14-79-02-GN1	80	19	-	-	1
GN1-95-S	1-55-14-82-02-GN1	95	19	-	-	1
GN1-95-HE	1-55-14-84-02-GN1	95	19	-	-	1
GN1-2-N	1-55-15-10-02-GN1	2	4	-	-	1
GN1-3,5-N	1-55-15-13-02-GN1	3,5	4	-	-	1
GN1-5-N	1-55-15-19-02-GN1	5	7	-	-	1
GN1-8-N	1-55-15-25-02-GN1	8	8	-	-	1
GN1-10-N	1-55-15-31-02-GN1	10	8	-	-	1
GN1-15-N	1-55-15-37-02-GN1	15	11	-	-	1
GN1-20-N	1-55-15-43-02-GN1	20	11	-	-	1
GN1-25-N	1-55-15-49-02-GN1	25	15	-	-	1
GN1-30-N	1-55-15-55-02-GN1	30	13	-	-	1
GN1-40-N	1-55-15-61-02-GN1	40	15	-	-	1
GN1-50-N	1-55-15-67-02-GN1	50	16	-	-	1
GN1-60-N	1-55-15-73-02-GN1	60	17	-	-	1
GN1-80-N	1-55-15-79-02-GN1	80	19	-	-	1
GN1-95-N	1-55-15-84-02-GN1	95	19	-	-	1

\*packing unit

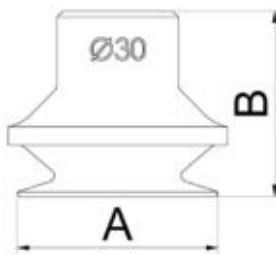
SG2 / Vacuum Cup with 2 Bellows (complete)



Desc.	Article Nr.	A	B	C	D	PU*
SG2-10-S-5	1-55-18-05-00-SG2	10	23	M5	-	1
SG2-10-HE-5	1-55-18-07-00-SG2	10	23	M5	-	1
SG2-10-HE-18	1-55-18-08-00-SG2	10	23	G1/8	-	1
SG2-15-S-5	1-55-18-10-00-SG2	15	26	M5	-	1
SG2-15-S-18	1-55-18-11-00-SG2	15	26	G1/8	-	1
SG2-15-HE-5	1-55-18-12-00-SG2	15	26	M5	-	1
SG2-15-HE-18	1-55-18-13-00-SG2	15	26	G1/8	-	1
SG2-20-S-5	1-55-18-33-00-SG2	20	28	M5	-	1
SG2-20-S-18	1-55-18-34-00-SG2	20	28	G1/8	-	1
SG2-20-HE-5	1-55-18-35-00-SG2	20	28	M5	-	1
SG2-20-HE-18	1-55-18-36-00-SG2	20	28	G1/8	-	1
SG2-30-S-18	1-55-18-51-00-SG2	30	37,5	G1/8	-	1
SG2-33-HE-18	1-55-18-55-00-SG2	33	34,5	G1/8	-	1
SG2-40-S-18	1-55-18-61-00-SG2	40	45	G1/8	-	1
SG2-43-HE-18	1-55-18-63-00-SG2	43	35	G1/8	-	1
SG2-43-HE-14	1-55-18-65-00-SG2	43	35	G1/4	-	1
SG2-50-S-18	1-55-18-71-00-SG2	50	50	G1/8	-	1
SG2-50-S-14	1-55-18-72-00-SG2	50	50	G1/4	-	1
SG2-53-HE-18	1-55-18-74-00-SG2	53	41	G1/8	-	1
SG2-53-HE-14	1-55-18-76-00-SG2	53	41	G1/4	-	1
SG2-75-S-14	1-55-18-90-00-SG2	75	57	G1/4	-	1
SG2-75-HE-14	1-55-18-93-00-SG2	75	57	G1/4	-	1
SG2-10-N-5	1-55-19-07-00-SG2	10	23	M5	-	1
SG2-15-N-5	1-55-19-12-00-SG2	15	26	M5	-	1
SG2-15-N-18	1-55-19-13-00-SG2	15	26	G1/8	-	1
SG2-20-N-5	1-55-19-35-00-SG2	20	28	M5	-	1
SG2-20-N-18	1-55-19-36-00-SG2	20	28	G1/8	-	1
SG2-30-N-18	1-55-19-55-00-SG2	30	37,5	G1/8	-	1
SG2-40-N-18	1-55-19-63-00-SG2	40	45	G1/8	-	1
SG2-50-N-18	1-55-19-74-00-SG2	50	50	G1/8	-	1
SG2-50-N-14	1-55-19-75-00-SG2	50	50	G1/4	-	1
SG2-75-N-14	1-55-19-93-00-SG2	75	57	G1/4	-	1

\*packing unit

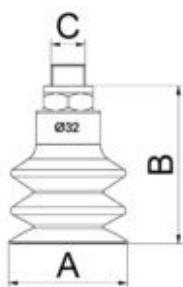
GN2 / Vacuum Cup with 2 Bellows only



Desc.	Article Nr.	A	B	C	D	PU*
GN2-10-S	1-55-18-05-02-GN2	10	14	-	-	1
GN2-10-HE	1-55-18-07-02-GN2	10	14	-	-	1
GN2-15-S	1-55-18-10-02-GN2	15	16	-	-	1
GN2-15-HE	1-55-18-12-02-GN2	15	16	-	-	1
GN2-20-S	1-55-18-33-02-GN2	20	22	-	-	1
GN2-20-HE	1-55-18-35-02-GN2	20	22	-	-	1
GN2-30-S	1-55-18-51-02-GN2	30	31	-	-	1
GN2-33-HE	1-55-18-55-02-GN2	33	31	-	-	1
GN2-40-S	1-55-18-61-02-GN2	40	31	-	-	1
GN2-43-HE	1-55-18-63-02-GN2	43	28	-	-	1
GN2-50-S	1-55-18-71-02-GN2	50	37	-	-	1
GN2-53-HE	1-55-18-74-02-GN2	53	34	-	-	1
GN2-75-S	1-55-18-90-02-GN2	75	42	-	-	1
GN2-75-HE	1-55-18-93-02-GN2	75	42	-	-	1
GN2-10-N	1-55-19-07-02-GN2	10	14	-	-	1
GN2-15-N	1-55-19-12-02-GN2	15	16	-	-	1
GN2-20-N	1-55-19-35-02-GN2	20	22	-	-	1
GN2-30-N	1-55-19-55-02-GN2	30	31	-	-	1
GN2-40-N	1-55-19-63-02-GN2	40	31	-	-	1
GN2-50-N	1-55-19-74-02-GN2	50	37	-	-	1
GN2-75-N	1-55-19-93-02-GN2	75	42	-	-	1

\*packing unit

SG3 / Vacuum Cup with 3 Bellows (complete)



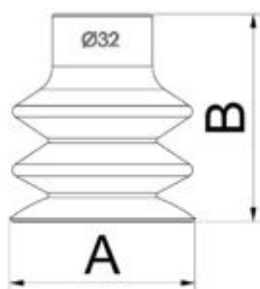
Desc.	Article Nr.	A	B	C	D	PU*
SG3-5-S-5	1-55-22-11-00-SG3	5	19	M5	-	1
SG3-5-HE-5	1-55-22-13-00-SG3	5	19	M5	-	1
SG3-7-S-5	1-55-22-16-00-SG3	7	19	M5	-	1
SG3-7-HE-5	1-55-22-18-00-SG3	7	19	M5	-	1
SG3-9-S-5	1-55-22-22-00-SG3	9	21	M5	-	1
SG3-9-S-18	1-55-22-23-00-SG3	9	21	G1/8	-	1
SG3-9-HE-5	1-55-22-27-00-SG3	9	21	M5	-	1
SG3-9-HE-18	1-55-22-28-00-SG3	9	21	G1/8	-	1
SG3-14-S-5	1-55-22-32-00-SG3	14	32	M5	-	1
SG3-14-S-18	1-55-22-33-00-SG3	14	32	G1/8	-	1
SG3-14-HE-5	1-55-22-36-00-SG3	14	32	M5	-	1
SG3-14-HE-18	1-55-22-37-00-SG3	14	32	G1/8	-	1
SG3-18-S-5	1-55-22-42-00-SG3	18	32	M5	-	1
SG3-18-S-18	1-55-22-43-00-SG3	18	32	G1/8	-	1

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SG3-18-HE-5	1-55-22-46-00-SG3	18	32	M5	-	1	
SG3-18-HE-18	1-55-22-47-00-SG3	18	32	G1/8	-	1	
SG3-20-S-5	1-55-22-52-00-SG3	20	32	M5	-	1	
SG3-20-S-18	1-55-22-53-00-SG3	20	32	G1/8	-	1	
SG3-20-HE-5	1-55-22-58-00-SG3	20	32	M5	-	1	
SG3-20-HE-18	1-55-22-59-00-SG3	20	32	G1/8	-	1	
SG3-25-HE-5	1-55-22-60-00-SG3	25	44	M5	-	1	
SG3-25-S-18	1-55-22-61-00-SG3	25	44	G1/8	-	1	
SG3-25-S-5	1-55-22-62-00-SG3	25	44	M5	-	1	
SG3-25-HE-18	1-55-22-71-00-SG3	25	44	G1/8	-	1	
SG3-32-S-18	1-55-22-80-00-SG3	32	46	G1/8	-	1	
SG3-32-HE-18	1-55-22-82-00-SG3	32	46	G1/8	-	1	
SG3-42-S-18	1-55-22-84-00-SG3	42	59	G1/8	-	1	
SG3-42-HE-18	1-55-22-86-00-SG3	42	59	G1/8	-	1	
SG3-42-HE-14	1-55-22-87-00-SG3	42	59	G1/4	-	1	
SG3-62-S-18	1-55-22-88-00-SG3	62	65	G1/8	-	1	
SG3-62-S-14	1-55-22-89-00-SG3	62	65	G1/4	-	1	
SG3-62-HE-18	1-55-22-90-00-SG3	62	65	G1/8	-	1	
SG3-62-HE-14	1-55-22-91-00-SG3	62	65	G1/4	-	1	
SG3-88-S-14	1-55-22-92-00-SG3	90	101	G1/4	-	1	
SG3-5-N-5	1-55-23-13-00-SG3	5	19	M5	-	1	
SG3-7-N-5	1-55-23-18-00-SG3	7	19	M5	-	1	
SG3-9-N-5	1-55-23-27-00-SG3	9	21	M5	-	1	
SG3-9-N-18	1-55-23-28-00-SG3	9	21	G1/8	-	1	
SG3-14-N-5	1-55-23-36-00-SG3	14	32	M5	-	1	
SG3-14-N-18	1-55-23-37-00-SG3	14	32	G1/8	-	1	
SG3-18-N-5	1-55-23-46-00-SG3	18	32	M5	-	1	
SG3-18-N-18	1-55-23-47-00-SG3	18	32	G1/8	-	1	
SG3-20-N-5	1-55-23-58-00-SG3	20	32	M5	-	1	
SG3-20-N-18	1-55-23-59-00-SG3	20	32	G1/8	-	1	
SG3-25-N-5	1-55-23-60-00-SG3	25	44	M5	-	1	
SG3-25-N-18	1-55-23-71-00-SG3	25	44	G1/8	-	1	
SG3-32-N-18	1-55-23-82-00-SG3	32	46	G1/8	-	1	
SG3-42-N-18	1-55-23-86-00-SG3	42	59	G1/8	-	1	
SG3-62-N-18	1-55-23-90-00-SG3	62	65	G1/8	-	1	
SG3-90-N-14	1-55-23-92-00-SG3	90	101	G1/4	-	1	

\*packing unit

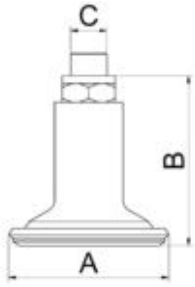
GN3 / Vacuum Cup with 3 Bellows only



Desc.	Article Nr.	A	B	C	D	PU*
GN3-5-S	1-55-22-11-02-GN3	5	10	-	-	1
GN3-5-HE	1-55-22-13-02-GN3	5	10	-	-	1
GN3-7-S	1-55-22-16-02-GN3	7	10	-	-	1
GN3-7-HE	1-55-22-18-02-GN3	7	10	-	-	1
GN3-9-S	1-55-22-22-02-GN3	9	15	-	-	1
GN3-9-HE	1-55-22-27-02-GN3	9	15	-	-	1
GN3-14-S	1-55-22-32-02-GN3	14	23	-	-	1
GN3-14-HE	1-55-22-36-02-GN3	14	23	-	-	1
GN3-18-S	1-55-22-42-02-GN3	18	23	-	-	1
GN3-18-HE	1-55-22-46-02-GN3	18	23	-	-	1
GN3-20-S	1-55-22-52-02-GN3	20	23	-	-	1
GN3-20-HE	1-55-22-58-02-GN3	20	23	-	-	1
GN3-25-HE	1-55-22-60-02-GN3	25	34	-	-	1
GN3-25-S	1-55-22-62-02-GN3	25	34	-	-	1
GN3-32-S	1-55-22-80-02-GN3	32	34	-	-	1
GN3-32-HE	1-55-22-82-02-GN3	32	34	-	-	1
GN3-42-S	1-55-22-84-02-GN3	42	46	-	-	1
GN3-42-HE	1-55-22-86-02-GN3	42	46	-	-	1
GN3-62-S	1-55-22-88-02-GN3	62	54	-	-	1
GN3-62-HE	1-55-22-90-02-GN3	62	54	-	-	1
GN3-88-S	1-55-22-92-02-GN3	88	86	-	-	1
GN3-5-N	1-55-23-13-02-GN3	5	10	-	-	1
GN3-7-N	1-55-23-18-02-GN3	7	10	-	-	1
GN3-9-N	1-55-23-27-02-GN3	9	15	-	-	1
GN3-14-N	1-55-23-36-02-GN3	14	23	-	-	1
GN3-18-N	1-55-23-46-02-GN3	18	23	-	-	1
GN3-20-N	1-55-23-58-02-GN3	20	23	-	-	1
GN3-25-N	1-55-23-60-02-GN3	25	34	-	-	1
GN3-32-N	1-55-23-82-02-GN3	32	34	-	-	1
GN3-42-N	1-55-23-86-02-GN3	42	46	-	-	1
GN3-62-N	1-55-23-90-02-GN3	62	54	-	-	1
GN3-90-N	1-55-23-92-02-GN3	90	86	-	-	1

\*packing unit

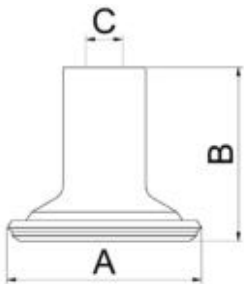
SG1-HT / Vacuum Cup High Temperature with 1 Bellow (complete)



Desc.	Article Nr.	A	B	C	D	PU*
SG1-30-HT-18	1-55-30-10-00-SG1	30	38	G1/8	-	1
SG1-30-HT-14	1-55-30-12-00-SG1	30	38	G1/4	-	1
SG1-40-HT-18	1-55-30-14-00-SG1	40	38	G1/8	-	1
SG1-40-HT-14	1-55-30-16-00-SG1	40	38	G1/4	-	1
SG1-70-HT-18	1-55-30-18-00-SG1	70	41	G1/8	-	1
SG1-70-HT-14	1-55-30-20-00-SG1	70	41	G1/4	-	1

\*packing unit

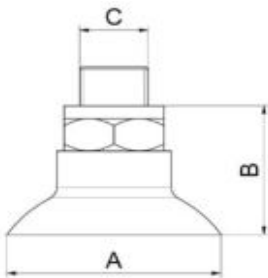
GN1-HT / Vacuum Cup High Temperature with 1 Bellow only



Desc.	Article Nr.	A	B	C	D	PU*
GN1-30-HT	1-55-30-10-02-GN1	30	35	8	-	1
GN1-40-HT	1-55-30-14-02-GN1	40	35	8	-	1
GN1-70-HT	1-55-30-18-02-GN1	70	36	8	-	1

\*packing unit

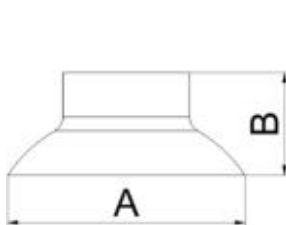
SG1-P / Vacuum Cup with 1 Bellow (complete) PU



Desc.	Article Nr.	A	B	C	D	PU*
SG1-20-P-5	1-55-29-06-00-SG1	20	19,5	M5	-	1
SG1-30-P-18	1-55-29-10-00-SG1	30	20	G1/8	-	1
SG1-50-P-18	1-55-29-16-00-SG1	50	24	G1/8	-	1

\*packing unit

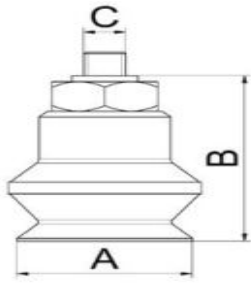
GN1-P / Vacuum Cup with 1 Bellow only PU



Desc.	Article Nr.	A	B	C	D	PU*
GN1-20-P	1-55-29-06-02-GN1	20	13,6	-	-	1
GN1-30-P	1-55-29-10-02-GN1	30	13	-	-	1
GN1-50-P	1-55-29-16-02-GN1	50	17	-	-	1

\*packing unit

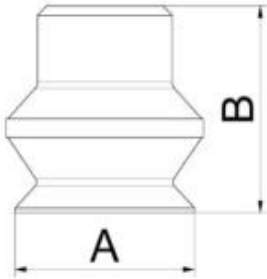
SG2-P / Vacuum Cup with 2 Bellows (complete) PU



Desc.	Article Nr.	A	B	C	D	PU*
SG2-20-P-5	1-55-29-22-00-SG2	20	28	M5	-	1
SG2-30-P-18	1-55-29-26-00-SG2	30	36	G1/8	-	1
SG2-50-P-18	1-55-29-34-00-SG2	50	43	G1/8	-	1

\*packing unit

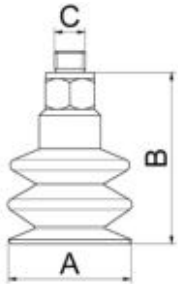
GN2-P / Vacuum Cup with 2 Bellows only PU



Desc.	Article Nr.	A	B	C	D	PU*
GN2-20-P	1-55-29-22-02-GN2	20	22	-	-	1
GN2-30-P	1-55-29-26-02-GN2	30	30	-	-	1
GN2-50-P	1-55-29-34-02-GN2	50	36,5	-	-	1

\*packing unit

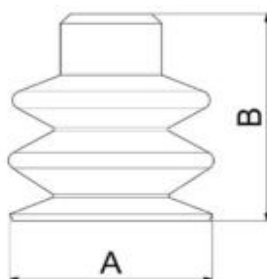
SG3-P / Vacuum Cup with 3 Bellows (complete) PU



Desc.	Article Nr.	A	B	C	D	PU*
SG3-20-P-5	1-55-29-44-00-SG3	20	28	M5	-	1
SG3-30-P-18	1-55-29-48-00-SG3	30	43	G1/8	-	1
SG3-60-P-18	1-55-29-56-00-SG3	60	61	G1/8	-	1

\*packing unit

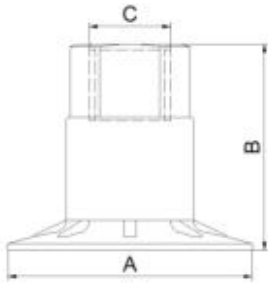
GN3-P / Vacuum Cup with 3 Bellows only PU



Desc.	Article Nr.	A	B	C	D	PU*
GN3-20-P	1-55-29-44-02-GN3	20	22	-	-	1
GN3-30-P	1-55-29-48-02-GN3	30	37,5	-	-	1
GN3-60-P	1-55-29-56-02-GN3	60	55	-	-	1

\*packing unit

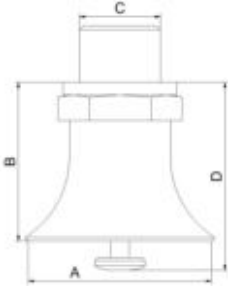
SG1-UF / Vacuum Cup with 1 Bellow PU compl ultra flat



Desc.	Article Nr.	A	B	C	D	PU*
SG1-40-UF-S-14-I	1-55-42-20-00-SG1	40	33,8	G1/4 -I		1
SG1-80-UF-S-14-I	1-55-42-26-00-SG1	80	35,8	G1/4 -I		1

\*packing unit

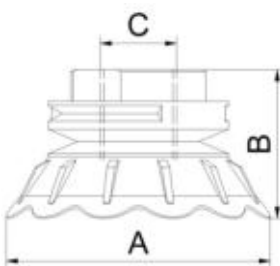
SG1-TV / Vacuum Cup 1 Bellow (complete) with mechanical feelers



Desc.	Article Nr.	A	B	C	D	PU*
SG1-TV-30-HE-14	1-55-44-10-00-SG1	30	25	G1/4	28,9	1
SG1-TV-50-HE-14	1-55-44-40-00-SG1	50	28	G1/4	28,9	1

\*packing unit

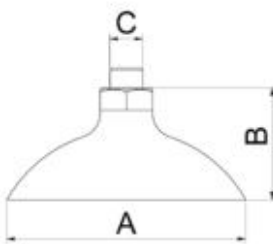
SG1-FPV-S / Vacuum cup 1 Bellow for flowpack packaging



Desc.	Article Nr.	A	B	C	D	PU*
SG1-60-FPV-35-S-38-I	1-55-46-20-00-SG1	60	33	G3/8	35Sh	1

\*packing unit

SG1-NK / Vacuum Cup 1 Bellow natural rubber (complete)

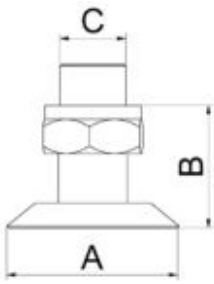


Desc.	Article Nr.	A	B	C	D	PU*
SG1-75-NK-14	1-55-38-10-00-SG1	75	35	G1/4	-	1
SG1-96-NK-14	1-55-38-12-00-SG1	96	46	G1/4	-	1

\*packing unit



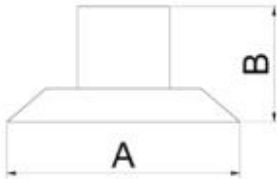
SG1-P-S / Vacuum Cup 1 Bellow for Paper (complete)



Desc.	Article Nr.	A	B	C	D	PU*
SG1-25-P-S-5	1-55-38-20-00-SG1	25	17,8	M5	-	1
SG1-25-P-S-18	1-55-38-21-00-SG1	25	17,8	G1/8	-	1

\*packing unit

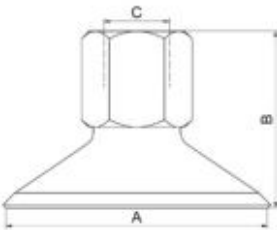
GN1-P-S / Vacuum Cup 1 Bellow only - for Paper



Desc.	Article Nr.	A	B	C	D	PU*
GN1-25-P-S	1-55-38-20-02-GN1	25	11	-	-	1

\*packing unit

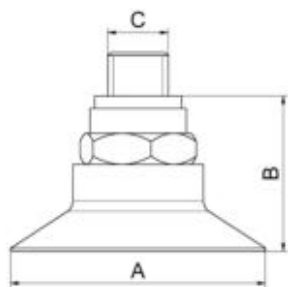
SG1-TPE-80 / Vacuum Cup 1 Bellow complete TPE 80 °Shore



Desc.	Article Nr.	A	B	C	D	PU*
SG1-30-TPE-80-G3/8-I	1-57-98-04-00-SG1	30	35,0	G3/8	80	1
SG1-40-TPE-80-G3/8-I	1-57-98-06-00-SG1	40	37,6	G3/8	80	1
SG1-60-TPE-80-G3/8-I	1-57-98-10-00-SG1	60	45,3	G3/8	80	1
SG1-80-TPE-80-G3/8-I	1-57-98-12-00-SG1	80	45,3	G3/8	80	1
SG1-100-TPE-80-G3/8-I	1-57-98-14-00-SG1	100	57,2	G3/8	80	1

\*packing unit

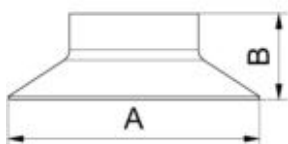
SG1-PU-EH-LC / Vacuum Cup with 1 Bellow polyurethane compl one hardness



Desc.	Article Nr.	A	B	C	D	PU*
SG1-20-PU-EH-40-18-LC	1-57-72-09-00-SG1	22	15	G1/8	-	1
SG1-20-PU-EH-60-18-LC	1-57-72-10-00-SG1	22	15	G1/8	-	1
SG1-30-PU-EH-40-18-LC	1-57-72-13-00-SG1	31	20,5	G1/8	-	1
SG1-30-PU-EH-60-18-LC	1-57-72-14-00-SG1	31	20,5	G1/8	-	1
SG1-40-PU-EH-40-18-LC	1-57-72-15-00-SG1	41	24,5	G1/8	-	1
SG1-40-PU-EH-60-18-LC	1-57-72-16-00-SG1	41	24,5	G1/8	-	1
SG1-40-PU-EH-40-14-LC	1-57-72-17-00-SG1	41	24,5	G1/4	-	1
SG1-40-PU-EH-60-14-LC	1-57-72-18-00-SG1	41	24,5	G1/4	-	1
SG1-60-PU-EH-40-38-LC	1-57-72-31-00-SG1	62	14,5	G3/8	-	1
SG1-60-PU-EH-60-38-LC	1-57-72-32-00-SG1	62	14,5	G3/8	-	1
SG1-80-PU-EH-60-38-LC	1-57-72-50-00-SG1	81,5	17,5	G3/8	-	1

\*packing unit

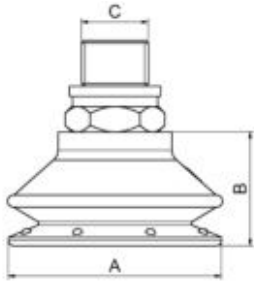
GN1-PU-EH-LC / Vacuum Cup with 1 Bellow polyurethane one hardness



Desc.	Article Nr.	A	B	C	D	PU*
GN1-20-PU-EH-40-LC	1-57-72-09-02-GN1	22	8,5			1
GN1-20-PU-EH-60-LC	1-57-72-10-02-GN1	22	8,5			1
GN1-30-PU-EH-40-LC	1-57-72-13-02-GN1	31	10,5			1
GN1-30-PU-EH-60-LC	1-57-72-14-02-GN1	31	10,5			1
GN1-40-PU-EH-40-LC	1-57-72-17-02-GN1	41	14			1
GN1-40-PU-EH-60-LC	1-57-72-18-02-GN1	41	14			1

\*packing unit

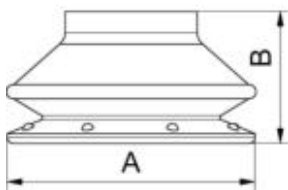
SG2-PU-EH-LC / Vacuum Cup with 2 Bellow polyurethane compl one hardness



Desc.	Article Nr.	A	B	C	D	PU*
SG2-10-PU-EH-40-5-LC	1-57-78-46-00-SG2	11	22,5	M5	-	1
SG2-10-PU-EH-40-18-LC	1-57-78-47-00-SG2	11	22,5	G1/8	-	1
SG2-15-PU-EH-40-5-LC	1-57-78-50-00-SG2	16	25,5	M5	-	1
SG2-15-PU-EH-40-18-LC	1-57-78-51-00-SG2	16	25,5	G1/8	-	1
SG2-20-PU-EH-40-18-LC	1-57-78-56-00-SG2	21	24,5	G1/8	-	1
SG2-30-PU-EH-40-18-LC	1-57-78-61-00-SG2	31,5	27,5	G1/8	-	1
SG2-30-PU-EH-40-14-LC	1-57-78-62-00-SG2	31,5	25,5	G1/4	-	1
SG2-40-PU-EH-40-18-LC	1-57-78-67-00-SG2	42	33	G1/8	-	1
SG2-40-PU-EH-40-14-LC	1-57-78-68-00-SG2	42	31	G1/4	-	1
SG2-50-PU-EH-40-18-LC	1-57-78-72-00-SG2	52,5	44	G1/8	-	1
SG2-50-PU-EH-40-14-LC	1-57-78-73-00-SG2	52,5	44	G1/4	-	1
SG2-50-PU-EH-40-38-LC	1-57-78-74-00-SG2	52,5	44	G3/8	-	1
SG2-70-PU-EH-40-38-LC	1-57-78-80-00-SG2	73	47	G3/8	-	1

\*packing unit

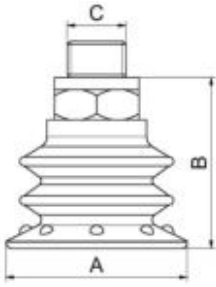
GN2-PU-EH-LC / Vacuum Cup with 2 Bellows polyurethane one hardness



Desc.	Article Nr.	A	B	C	D	PU*
GN2-10-PU-EH-40-LC	1-57-78-46-02-GN2	11	16,5			1
GN2-15-PU-EH-40-LC	1-57-78-50-02-GN2	16	19			1
GN2-20-PU-EH-40-LC	1-57-78-56-02-GN2	21	18			1
GN2-30-PU-EH-40-LC	1-57-78-62-02-GN2	31,5	17			1
GN2-40-PU-EH-40-LC	1-57-78-68-02-GN2	42	22,5			1
GN2-50-PU-EH-40-LC	1-57-78-72-02-GN2	52,5	29			1

\*packing unit

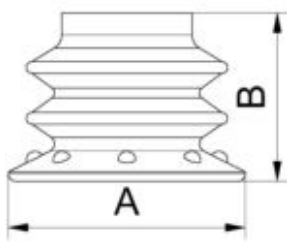
SG3-PU-EH-LC / Vacuum Cup with 3 Bellow polyurethane compl one hardness



Desc.	Article Nr.	A	B	C	D	PU*
SG3-15-PU-EH-50-5-LC	1-57-78-08-00-SG3	16	25	M5	-	1
SG3-15-PU-EH-50-18-LC	1-57-78-09-00-SG3	16	25	G1/8	-	1
SG3-20-PU-EH-50-18-LC	1-57-78-10-00-SG3	21	21	G1/8	-	1
SG3-25-PU-EH-50-18-LC	1-57-78-14-00-SG3	26	25,5	G1/8	-	1
SG3-30-PU-EH-50-18-LC	1-57-78-18-00-SG3	30	28	G1/8	-	1
SG3-35-PU-EH-50-18-LC	1-57-78-21-00-SG3	35	36	G1/8	-	1
SG3-35-PU-EH-50-14-LC	1-57-78-22-00-SG3	35	34	G1/4	-	1
SG3-40-PU-EH-50-18-LC	1-57-78-25-00-SG3	40	39	G1/8	-	1
SG3-40-PU-EH-50-14-LC	1-57-78-26-00-SG3	40	37	G1/4	-	1
SG3-50-PU-EH-50-18-LC	1-57-78-29-00-SG3	50	46,5	G1/8	-	1
SG3-50-PU-EH-50-14-LC	1-57-78-30-00-SG3	50	46,5	G1/4	-	1
SG3-50-PU-EH-50-38-LC	1-57-78-31-00-SG3	50	46,5	G3/8	-	1
SG3-70-PU-EH-50-38-LC	1-57-78-34-00-SG3	70	46,5	G3/8	-	1

\*packing unit

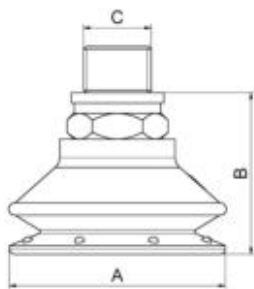
GN3-PU-EH-LC / Vacuum Cup with 3 Bellows polyurethane one hardness



Desc.	Article Nr.	A	B	C	D	PU*
GN3-15-PU-EH-50-LC	1-57-78-08-02-GN3	16	19			1
GN3-20-PU-EH-50-LC	1-57-78-10-02-GN3	21	14,5			1
GN3-25-PU-EH-50-LC	1-57-78-14-02-GN3	26	19			1
GN3-30-PU-EH-50-LC	1-57-78-18-02-GN3	30	21,5			1
GN3-35-PU-EH-50-LC	1-57-78-22-02-GN3	35	25,5			1
GN3-40-PU-EH-50-LC	1-57-78-26-02-GN3	40	28,5			1
GN3-50-PU-EH-50-LC	1-57-78-30-02-GN3	50	35,5			1

\*packing unit

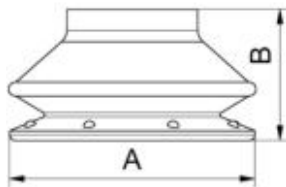
SG2-PU-ZH-LC / Vacuum Cup with 2 Bellows polyurethane compl two hardness



Desc.	Article Nr.	A	B	C	D	PU*
SG2-10-PU-ZH-60-5-LC	1-57-70-46-00-SG2	11	22,5	M5	-	1
SG2-10-PU-ZH-60-18-LC	1-57-70-47-00-SG2	11	22,5	G1/8	-	1
SG2-15-PU-ZH-30-60-5-LC	1-57-70-50-00-SG2	16	25	M5	-	1
SG2-15-PU-ZH-30-60-18-LC	1-57-70-51-00-SG2	16	25	G1/8	-	1
SG2-20-PU-ZH-30-60-18-LC	1-57-70-56-00-SG2	21	24,5	G1/8	-	1
SG2-30-PU-ZH-30-60-18-LC	1-57-70-61-00-SG2	31,5	27,5	G1/8	-	1
SG2-30-PU-ZH-30-60-14-LC	1-57-70-62-00-SG2	31,5	25,5	G1/4	-	1
SG2-40-PU-ZH-30-60-18-LC	1-57-70-67-00-SG2	42	33	G1/8	-	1
SG2-40-PU-ZH-30-60-14-LC	1-57-70-68-00-SG2	42	31	G1/4	-	1
SG2-50-PU-ZH-30-60-18-LC	1-57-70-72-00-SG2	52,5	40	G1/8	-	1
SG2-50-PU-ZH-30-60-14-LC	1-57-70-73-00-SG2	52,5	40	G1/4	-	1
SG2-50-PU-ZH-30-60-38-LC	1-57-70-74-00-SG2	52,5	40	G3/8	-	1
SG2-70-PU-ZH-30-60-38-LC	1-57-70-80-00-SG2	73	45	G3/8		1

\*packing unit

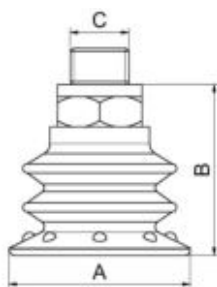
GN2-PU-ZH-LC / Vacuum Cup with 2 Bellows polyurethane two hardness



Desc.	Article Nr.	A	B	C	D	PU*
GN2-10-PU-ZH-60-LC	1-57-70-46-02-GN2	11	16,5			1
GN2-15-PU-ZH-30-60-LC	1-57-70-50-02-GN2	16	19			1
GN2-20-PU-ZH-30-60-LC	1-57-70-56-02-GN2	21	18			1
GN2-30-PU-ZH-30-60-LC	1-57-70-62-02-GN2	31,5	17			1
GN2-40-PU-ZH-30-60-LC	1-57-70-68-02-GN2	42	22,5			1
GN2-50-PU-ZH-30-60-LC	1-57-70-74-02-GN2	52,5	29			1

\*packing unit

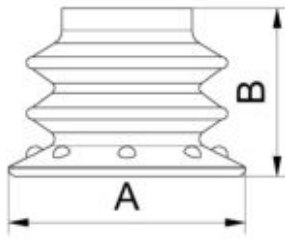
SG3-PU-ZH-LC / Vacuum Cup with 3 Bellows polyurethane compl two hardness



Desc.	Article Nr.	A	B	C	D	PU*
SG3-15-PU-ZH-30-60-5-LC	1-57-70-08-00-SG3	16	25	M5	-	1
SG3-15-PU-ZH-30-60-18-LC	1-57-70-09-00-SG3	16	25	G1/8	-	1
SG3-20-PU-ZH-30-60-18-LC	1-57-70-10-00-SG3	21	21	G1/8	-	1
SG3-25-PU-ZH-30-60-18-LC	1-57-70-14-00-SG3	26	25,5	G1/8	-	1
SG3-30-PU-ZH-30-60-18-LC	1-57-70-18-00-SG3	30	28	G1/8	-	1
SG3-35-PU-ZH-30-60-18-LC	1-57-70-21-00-SG3	35	36	G1/8	-	1
SG3-35-PU-ZH-30-60-14-LC	1-57-70-22-00-SG3	35	34	G1/4	-	1
SG3-40-PU-ZH-30-60-18-LC	1-57-70-25-00-SG3	40	39	G1/8	-	1
SG3-40-PU-ZH-30-60-14-LC	1-57-70-26-00-SG3	40	37	G1/4	-	1
SG3-50-PU-ZH-30-60-18-LC	1-57-70-28-00-SG3	50	46,5	G1/8	-	1
SG3-50-PU-ZH-30-60-14-LC	1-57-70-29-00-SG3	50	46,5	G1/4	-	1
SG3-50-PU-ZH-30-60-38-LC	1-57-70-30-00-SG3	50	46,5	G3/8	-	1
SG3-70-PU-ZH-30-60-38-LC	1-57-70-34-00-SG3	70	46,5	G3/8	-	1

\*packing unit

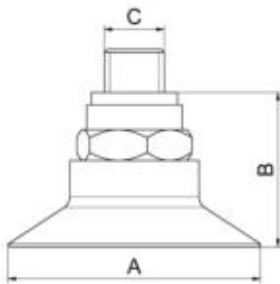
GN3-PU-ZH-LC / Vacuum Cup with 3 Bellows polyurethane two hardness



Desc.	Article Nr.	A	B	C	D	PU*
GN3-15-PU-ZH-30-60-LC	1-57-70-08-02-GN3	16	19			1
GN3-20-PU-ZH-30-60-LC	1-57-70-10-02-GN3	21	14,5			1
GN3-25-PU-ZH-30-60-LC	1-57-70-14-02-GN3	26	19			1
GN3-30-PU-ZH-30-60-LC	1-57-70-18-02-GN3	30	21,5			1
GN3-35-PU-ZH-30-60-LC	1-57-70-22-02-GN3	35	25,5			1
GN3-40-PU-ZH-30-60-LC	1-57-70-26-02-GN3	40	28,5			1
GN3-50-PU-ZH-30-60-LC	1-57-70-30-02-GN3	50	35,5			1

\*packing unit

SG1-PU-EH-SR-LC / Vacuum Cup with 1 Bellow PU compl one hardness internal cleats

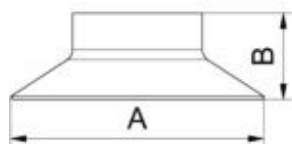


Desc.	Article Nr.	A	B	C	D	PU*
SG1-20-PU-EH-40-SR-18-LC	1-57-76-09-00-SG1	21,5	16,5	G1/8	-	1
SG1-20-PU-EH-60-SR-18-LC	1-57-76-10-00-SG1	21,5	16,5	G1/8	-	1
SG1-30-PU-EH-40-SR-18-LC	1-57-76-13-00-SG1	31,5	20	G1/8	-	1
SG1-30-PU-EH-60-SR-18-LC	1-57-76-14-00-SG1	31,5	20	G1/8	-	1
SG1-40-PU-EH-40-SR-18-LC	1-57-76-15-00-SG1	40	26,5	G1/8	-	1
SG1-40-PU-EH-60-SR-18-LC	1-57-76-16-00-SG1	40	26,5	G1/8	-	1
SG1-40-PU-EH-40-SR-14-LC	1-57-76-17-00-SG1	40	24,5	G1/4	-	1
SG1-40-PU-EH-60-SR-14-LC	1-57-76-18-00-SG1	40	24,5	G1/4	-	1
SG1-60-PU-EH-40-SR-38-LC	1-57-76-31-00-SG1	61,8	23,5	G3/8	-	1
SG1-60-PU-EH-60-SR-38-LC	1-57-76-32-00-SG1	61,8	23,5	G3/8	-	1

\*packing unit



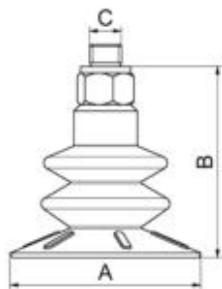
GN1-PU-EH-SR-LC / Vacuum Cup 2 Bellows polyurethane one hardness internal cleats



Desc.	Article Nr.	A	B	C	D	PU*
GN1-20-PU-EH-40-SR-LC	1-57-76-09-02-GN1	21,5	10			1
GN1-20-PU-EH-60-SR-LC	1-57-76-10-02-GN1	21,5	10			1
GN1-30-PU-EH-40-SR-LC	1-57-76-13-02-GN1	31,5	13,5			1
GN1-30-PU-EH-60-SR-LC	1-57-76-14-02-GN1	31,5	13,5			1
GN1-40-PU-EH-40-SR-LC	1-57-76-17-02-GN1	40	16			1
GN1-40-PU-EH-60-SR-LC	1-57-76-18-02-GN1	40	16			1

\*packing unit

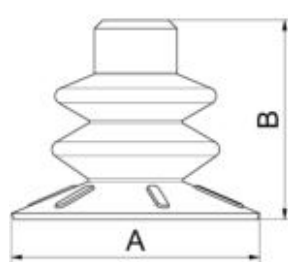
SG3-PU-ZH-FL-LC / Vacuum Cup with 3 Bellows polyurethane compl 2 hardness flexible lip



Desc.	Article Nr.	A	B	C	D	PU*
SG3-25-PU-ZH-30-55-18-FL-LC	1-57-80-08-00-SG3	25	22	G1/8	-	1
SG3-35-PU-ZH-30-55-18-FL-LC	1-57-80-12-00-SG3	35	29	G1/8	-	1
SG3-45-PU-ZH-30-55-18-FL-LC	1-57-80-18-00-SG3	45	39,5	G1/8	-	1
SG3-45-PU-ZH-30-55-14-FL-LC	1-57-80-20-00-SG3	45	37,5	G1/4	-	1
SG3-55-PU-ZH-30-55-18-FL-LC	1-57-80-24-00-SG3	53,6	47,5	G1/8	-	1
SG3-55-PU-ZH-30-55-14-FL-LC	1-57-80-26-00-SG3	53,6	47,5	G1/4	-	1
SG3-55-PU-ZH-30-55-38-FL-LC	1-57-80-28-00-SG3	53,6	47,5	G3/8	-	1

\*packing unit

GN3-PU-ZH-FL-LC / Vacuum Cup with 3 Bellows polyurethane 2 hardness flexible lip



Desc.	Article Nr.	A	B	C	D	PU*
GN3-25-PU-ZH-30-55-FL-LC	1-57-80-08-02-GN3	25	15,5			1
GN3-35-PU-ZH-30-55-FL-LC	1-57-80-12-02-GN3	35	22,3			1
GN3-45-PU-ZH-30-55-FL-LC	1-57-80-18-02-GN3	45	29,2			1
GN3-55-PU-ZH-30-55-FL-LC	1-57-80-24-02-GN3	55	36,4			1

\*packing unit

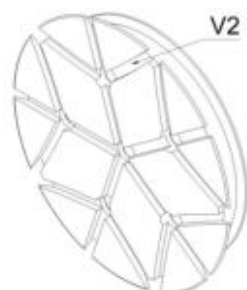
ABS-SG / Support for Vacuum Cups



Desc.	Article Nr.	A	B	C	D	PU*
ABS-SG3-25-18	1-80-66-50-00-ABS	35	31	-	-	1
ABS-SG3-32-18	1-80-66-52-00-ABS	43	33	-	-	1

\*packing unit

SEI-SG2 / Vacuum Cup Insert for SG2 without support ring



Desc.	Article Nr.	A	B	C	D	PU*
SEI-SG2-40	1-55-98-20-00-SEI					1
SEI-SG2-50	1-55-98-24-00-SEI					1
SEI-SG2-75	1-55-98-30-00-SEI					1

\*packing unit

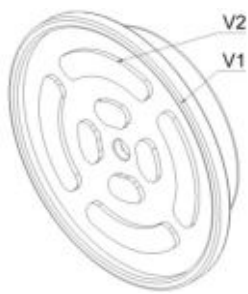
SEI-SG3 / Vacuum Cup Insert for SG3 without support ring



Desc.	Article Nr.	A	B	C	D	PU*
SEI-SG3-42	1-55-98-70-00-SEI					1
SEI-SG3-62	1-55-98-76-00-SEI					1
SEI-SG3-88	1-55-98-82-00-SEI					1

\*packing unit

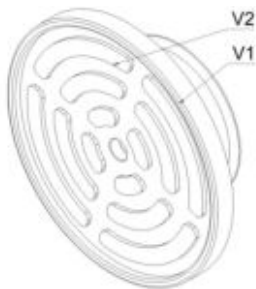
SEI-SG2-SR / Vacuum Cup Insert for SG2 with support ring



Desc.	Article Nr.	A	B	C	D	PU*	
SEI-SG2-40-SR	1-55-97-20-00-SEI					1	
SEI-SG2-50-SR	1-55-97-24-00-SEI					1	
SEI-SG2-75-SR	1-55-97-30-00-SEI					1	

\*packing unit

SEI-SG3-SR / Vacuum Cup Insert for SG3 with support ring

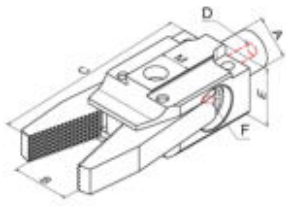


Desc.	Article Nr.	A	B	C	D	PU*	
SEI-SG3-42-SR	1-55-97-70-00-SEI					1	
SEI-SG3-62-SR	1-55-97-76-00-SEI					1	
SEI-SG3-88-SR	1-55-97-82-00-SEI					1	

\*packing unit

## 60 Gripper

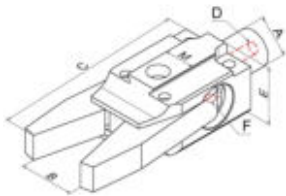
### GZA-PA / Gripper with Prism



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-8-P13	1-60-08-11-00-GZA	10	8	41	M5	1
GZA-10-12-P13 Sale	1-60-10-11-00-999	9,6	19	68	M5	1
GZA-10-12-P13	1-60-10-11-00-GZA	10	19	68	M5	1
GZA-14-16-P13	1-60-12-11-00-GZA	14	21	75	M5	1
GZA-20-20-P22	1-60-14-11-00-GZA	20	25	85	M5	1
GZA-20-16-P13	1-60-15-11-00-GZA	20	21	75	M5	1

\*packing unit

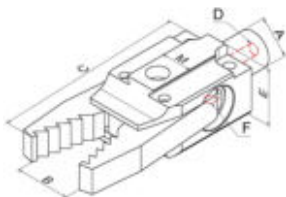
### GZA-G / Gripper with smooth Jaws



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-8-G	1-60-08-18-00-GZA	10	8	41	M5	1
GZA-10-12-G	1-60-10-18-00-GZA	10	19	68	M5	1
GZA-14-16-G	1-60-12-18-00-GZA	14	21	75	M5	1
GZA-20-20-G	1-60-14-18-00-GZA	20	25	85	M5	1

\*packing unit

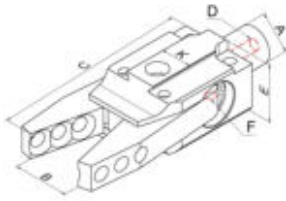
### GZA-S / Gripper with saw tooth Jaws



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-8-S	1-60-08-16-00-GZA	10	8	41	M5	1
GZA-10-12-S	1-60-10-16-00-GZA	10	19	68	M5	1
GZA-14-16-S	1-60-12-16-00-GZA	14	21	75	M5	1
GZA-20-20-S	1-60-14-16-00-GZA	20	25	85	M5	1

\*packing unit

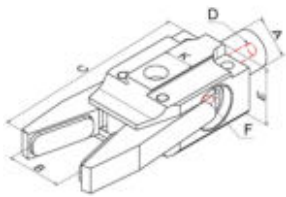
### GZA-L / Gripper with holes in jaws



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-12-L	1-60-10-30-00-GZA	10	18	68,5	M5	1
GZA-14-16-L	1-60-12-30-00-GZA	14	18	75	M5	1
GZA-20-20-L	1-60-14-30-00-GZA	20	22	85	M5	1

\*packing unit

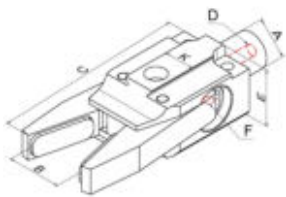
### GZA-P / Gripper with Polyurethaninserts



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-12-P	1-60-10-32-00-GZA	10	18	68,5	M5	1
GZA-14-16-P	1-60-12-32-00-GZA	14	18	75	M5	1
GZA-20-20-P	1-60-14-32-00-GZA	20	22	85	M5	1

\*packing unit

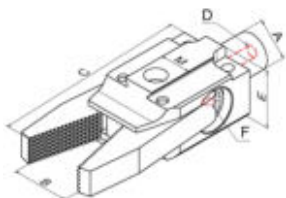
### GZA-SI / Gripper with Silicon-inserts



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-12-SI	1-60-10-54-00-GZA	10	18	68,5	M5	1
GZA-14-16-SI	1-60-12-54-00-GZA	14	18	75	M5	1
GZA-20-20-SI	1-60-14-54-00-GZA	20	22	85	M5	1

\*packing unit

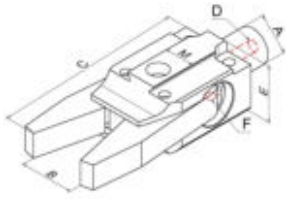
### GZA-T / Gripper with Teflon coated jaws



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-8-T	1-60-08-34-00-GZA	10	8	41	M5	1
GZA-10-12-T	1-60-10-34-00-GZA	10	19	68	M5	1
GZA-14-16-T	1-60-12-34-00-GZA	14	21	75	M5	1
GZA-20-20-T	1-60-14-34-00-GZA	20	25	85	M5	1

\*packing unit

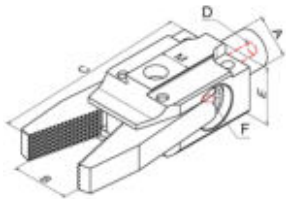
GZA-G-T / Gripper with smooth Teflon coated jaws



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-12-G-T	1-60-10-48-00-GZA	10	19	68	M5	1
GZA-14-16-G-T	1-60-12-48-00-GZA	14	21	75	M5	1
GZA-20-20-G-T	1-60-14-48-00-GZA	20	25	85	M5	1

\*packing unit

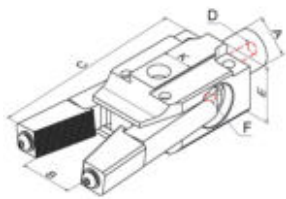
GZA-EP / Gripper with Elastomer-PUR Coating



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-12-EP	1-60-10-38-00-GZA	10	19	68	M5	1
GZA-14-16-EP	1-60-12-38-00-GZA	14	21	75	M5	1
GZA-20-20-EP	1-60-14-38-00-GZA	20	25	85	M5	1

\*packing unit

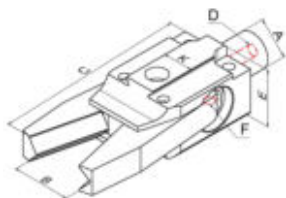
GZA-DB / Gripper with swivel Jaws



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-12-DB	1-60-10-20-00-GZA	10	19	68,5	M5	1
GZA-14-16-DB	1-60-12-20-00-GZA	14	21	75	M5	1
GZA-20-20-DB	1-60-14-20-00-GZA	20	25	85	M5	1

\*packing unit

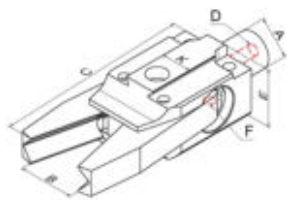
GZA-PK / Gripper with prism - slot



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-8-PK	1-60-08-22-00-GZA	10	8	41	M5	1
GZA-10-12-PK	1-60-10-22-00-GZA	10	18	68,5	M5	1
GZA-14-16-PK	1-60-12-22-00-GZA	14	20	75	M5	1
GZA-20-20-PK	1-60-14-22-00-GZA	20	22	85	M5	1

\*packing unit

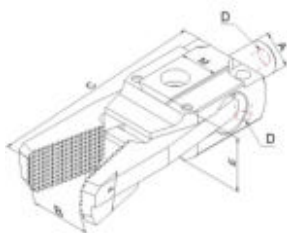
GZA-KK / Gripper with slot - slot



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-8-KK	1-60-08-24-00-GZA	10	8	41	M5	1
GZA-10-12-KK	1-60-10-24-00-GZA	10	18	68,5	M5	1
GZA-14-16-KK	1-60-12-24-00-GZA	14	20	75	M5	1
GZA-20-20-KK	1-60-14-24-00-GZA	20	22	85	M5	1

\*packing unit

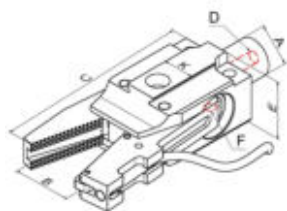
GZA-BB / Gripper with wide Jaws



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-8-P13-BB	1-60-08-36-00-GZA	10	8	41	M5	1
GZA-10-12-P13-BB	1-60-10-36-00-GZA	10	19	68	M5	1

\*packing unit

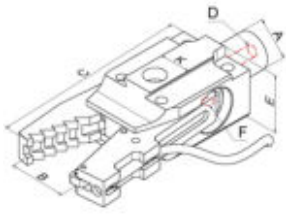
GZA-C / Gripper with sensor



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-8-C-S	1-60-08-14-00-GZA	10	6	43	M5	1
GZA-10-8-C-K	1-60-08-15-00-GZA	10	6	43	M5	1
GZA-10-12-C-S	1-60-10-14-00-GZA	10	17	68,5	M5	1
GZA-10-12-C-K	1-60-10-15-00-GZA	10	17	68,5	M5	1
GZA-14-16-C-S	1-60-12-14-00-GZA	14	18	75	M5	1
GZA-14-16-C-K	1-60-12-15-00-GZA	14	18	75	M5	1
GZA-20-20-C-S	1-60-14-14-00-GZA	20	21	85	M5	1
GZA-20-20-C-K	1-60-14-15-00-GZA	20	21	85	M5	1
GZA-20-16-C-S	1-60-15-14-00-GZA	20	18	75	M5	1
GZA-20-16-C-K	1-60-15-15-00-GZA	20	18	75	M5	1

\*packing unit

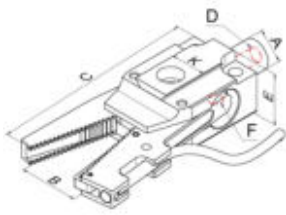
GZA-S-C-S / Gripper with saw tooth and sensor



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-12-S-C-S	1-60-10-17-00-GZA	10	18	68,5	M5	1
GZA-14-16-S-C-S	1-60-12-17-00-GZA	14	20	75	M5	1
GZA-20-20-S-C-S	1-60-14-17-00-GZA	20	22	85	M5	1
GZA-20-16-S-C-S	1-60-15-17-00-GZA	20	20	75	M5	1

\*packing unit

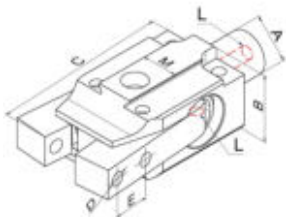
GZA-C-T / Gripper with Sensor and Teflon coated Jaws



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-8-CS-T	1-60-08-42-00-GZA	10	6	43	M5	1
GZA-10-12-CS-T	1-60-10-42-00-GZA	10	17	68,5	M5	1

\*packing unit

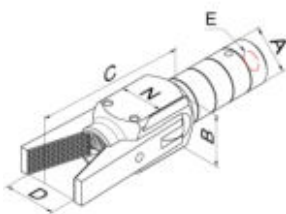
GZA-PA-A / Gripper for Custom made Jaws with Prism



Desc.	Article Nr.	A	B	C	D	PU*
GZA-10-12-P13-A	1-60-10-13-00-GZA	10	17,5	46,5	M4	1
GZA-14-16-P13-A	1-60-12-13-00-GZA	14	22,5	57,5	M5	1
GZA-20-20-P22-A	1-60-14-13-00-GZA	20	25	62,5	M5	1
GZA-20-16-P13-A	1-60-15-13-00-GZA	20	22,5	57,5	M5	1

\*packing unit

GZA-S-20-16 / Special Gripper with jaws surface crossed fluted

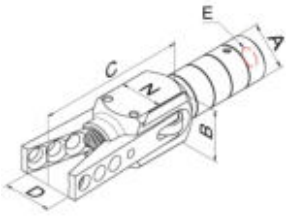


Desc.	Article Nr.	A	B	C	D	PU*
GZA-S-20-16-24	1-60-20-30-00-GZA	20	25	73	24	1
GZA-S-20-16-34	1-60-20-31-00-GZA	20	25	73	34	1

\*packing unit



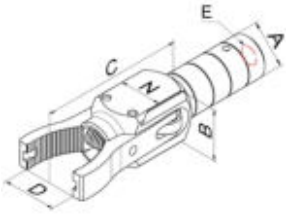
GZA-S-20-16-L / Special Gripper with holes in jaws



Desc.	Article Nr.	A	B	C	D	PU*	
GZA-S-20-16-L-24	1-60-20-10-00-999	20	25	73	23	1	
Sale							
GZA-S-20-16-L-24	1-60-20-10-00-GZA	20	25	73	23	1	

\*packing unit

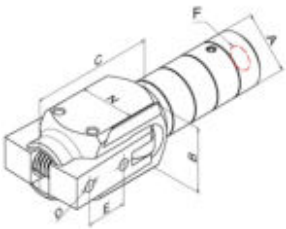
GZA-S-20-16-R / Special Gripper with rounded jaws



Desc.	Article Nr.	A	B	C	D	PU*	
GZA-S-20-16-R-24	1-60-20-40-00-GZA	20	25	73	23	1	

\*packing unit

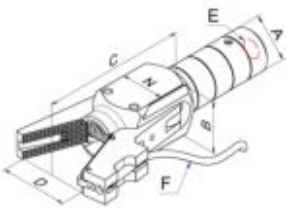
GZA-S-20-16-A / Special Gripper with adapter blank jaws



Desc.	Article Nr.	A	B	C	D	PU*	
GZA-S-20-16-A-28	1-60-20-20-00-GZA	20	25	47	M5	1	

\*packing unit

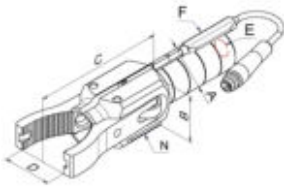
GZA-S-20-16-C / Special Gripper with jaws surface crossed fluted and Sensor



Desc.	Article Nr.	A	B	C	D	PU*	
GZA-S-20-16-CS-34	1-60-20-26-00-GZA	20	25	73	32,5	1	
GZA-S-20-16-CK-34	1-60-20-27-00-GZA	20	25	73	32,5	1	

\*packing unit

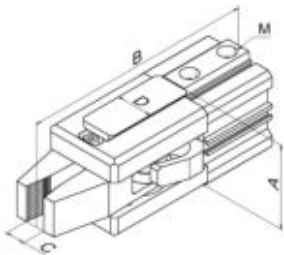
GZA-S-20-16-R-CS / Special Gripper with rounded jaws and sensor



Desc.	Article Nr.	A	B	C	D	PU*
GZA-S-20-16-R-CS-TE-23	1-60-20-44-00-GZA	20	25	73	23	1

\*packing unit

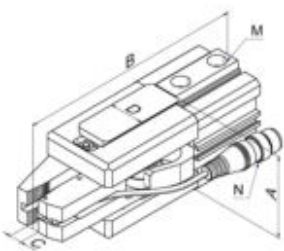
GZA-32 / Gripper with Jaws



Desc.	Article Nr.	A	B	C	D	PU*
GZA-32-KB-12	1-60-16-00-00-GZA	45	135	12	P22	1
GZA-32-LB-20	1-60-16-03-00-GZA	45	165	20	P22	1

\*packing unit

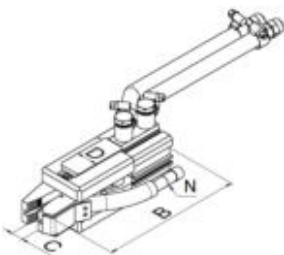
GZA-32-C / Gripper with Sensor



Desc.	Article Nr.	A	B	C	D	PU*
GZA-32-CS-KB-12	1-60-16-04-00-GZA	45	135	12	P22	1
GZA-32-CS-LB-20	1-60-16-05-00-GZA	45	165	20	P22	1
GZA-32-CK-KB-12	1-60-16-06-00-GZA	45	135	12	P22	1
GZA-32-CK-LB-20	1-60-16-07-00-GZA	45	165	20	P22	1

\*packing unit

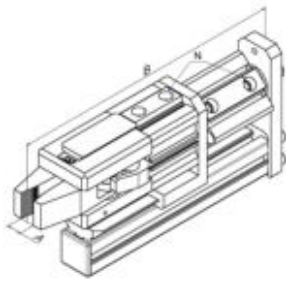
GZA-32-C-F / Gripper with Sensor Flame-Protected



Desc.	Article Nr.	A	B	C	D	PU*
GZA-32-CS-F	1-60-16-08-00-GZA	45	135	12	P22	1

\*packing unit

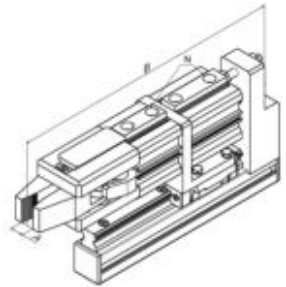
### GZA-32-H / Gripper on Stroke



Desc.	Article Nr.	A	B	C	D	PU*
GZA-32-20-H	1-60-16-10-00-GZA	12	220	-	-	1
GZA-32-30-H	1-60-16-12-00-GZA	12	230	-	-	1
GZA-32-40-H	1-60-16-14-00-GZA	12	240	-	-	1

\*packing unit

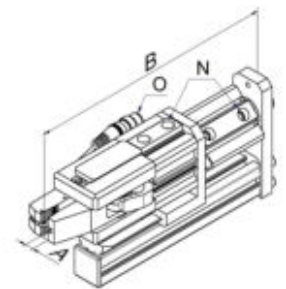
### GZA-32-H-L / Gripper on Stroke with linear guide



Desc.	Article Nr.	A	B	C	D	PU*
GZA-32-20-H-L	1-60-18-50-00-GZA	12	253	-	-	1

\*packing unit

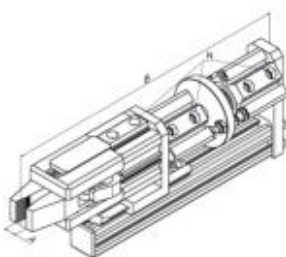
### GZA-32-H-C / Gripper with Sensor on Stroke



Desc.	Article Nr.	A	B	C	D	PU*
GZA-32-20-H-C	1-60-16-30-00-GZA	12	220	-	-	1
GZA-32-30-H-C	1-60-16-32-00-GZA	12	230	-	-	1
GZA-32-40-H-C	1-60-16-34-00-GZA	12	240	-	-	1

\*packing unit

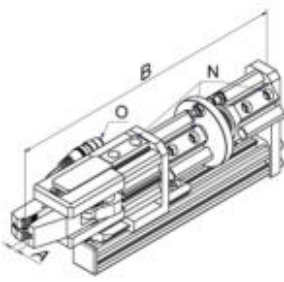
### GZA-32-DH / Gripper with Double Stroke



Desc.	Article Nr.	A	B	C	D	PU*
GZA-32-10-10-D	1-60-16-50-00-GZA	12	254	-	-	1

\*packing unit

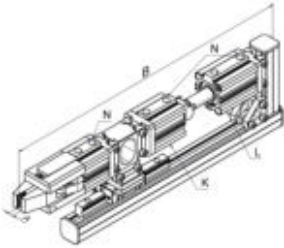
GZA-32-DH-C / Gripper with Sensor Double Stroke



Desc.	Article Nr.	A	B	C	D	PU*
GZA-32-10-10-DH-C-S	1-60-16-70-00-GZA	12	254	-	-	1
GZA-32-20-10-DH-C-S	1-60-16-72-00-GZA	12	264	-	-	1
GZA-32-30-10-DH-C-S	1-60-16-74-00-GZA	12	274	-	-	1

\*packing unit

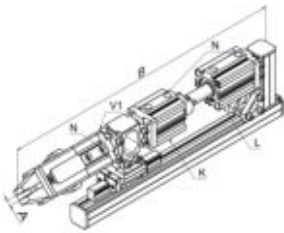
GZA-32-DH-L / Gripper with Double Stroke and linear guide



Desc.	Article Nr.	A	B	C	D	PU*
GZA-32-20-30-DH-L	1-60-17-50-00-GZA	12	380	-	-	1

\*packing unit

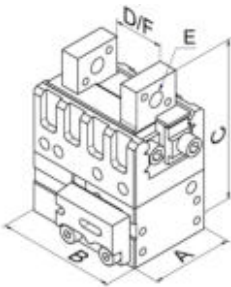
GZA-32-DH-L-D / Gripper with Double Stroke and linear guide, rotating GZA



Desc.	Article Nr.	A	B	C	D	PU*
GZA-32-20-30-DH-L-D	1-60-17-60-00-GZA	12	390	-	-	1

\*packing unit

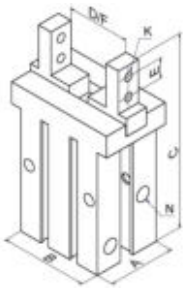
PAG / Parallel Gripper



Desc.	Article Nr.	A	B	C	D	PU*
PAG-16/ MPG-plus 16	1-60-80-00-00-PAG	13	16	29	10	1
PAG-20/ MPG-plus 20	1-60-80-02-00-PAG	16	20	33	13	1
PAG-25/ MPG-plus 25	1-60-80-04-00-PAG	18	26	35	17	1
PAG-32/ MPG-plus 32	1-60-80-06-00-PAG	22	32	44	22	1
PAG-40/ MPG-plus 40	1-60-80-08-00-PAG	26	40	52	28	1
PAG-50/ MPG-plus 50	1-60-80-10-00-PAG	30	50	60	34	1
PAG-64/ MPG-plus 64	1-60-80-12-00-PAG	35	64	72	44	1

\*packing unit

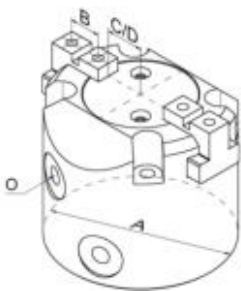
## PAG-E / Parallel Gripper easy



Desc.	Article Nr.	A	B	C	D	PU*
PAG-6-E	1-60-80-20-00-PAG	10	20	53	12	1
PAG-10-E	1-60-80-22-00-PAG	16	23	57	15,2	1
PAG-16-E	1-60-80-24-00-PAG	24	30	67	21	1
PAG-20-E	1-60-80-26-00-PAG	28	42	85	26,3	1
PAG-25-E	1-60-80-28-00-PAG	34	52	103	33,3	1

\*packing unit

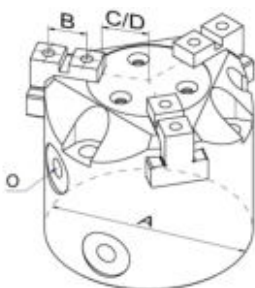
## PAG-R-2-LC / Parallel gripper round 2 Fingers



Desc.	Article Nr.	A	B	C	D	PU*
PAG-R-2-25-LC	1-60-98-10-00-PAG	42	8	10	13	1
PAG-R-2-40-LC	1-60-98-14-00-PAG	62	12	12	16	1

\*packing unit

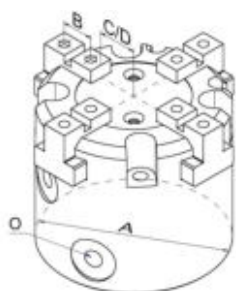
## PAG-R-3-LC / Parallel Gripper round 3 Finger



Desc.	Article Nr.	A	B	C	D	PU*
PAG-R-3-25-LC	1-60-98-22-00-PAG	42	8	10	13	1
PAG-R-3-40-LC	1-60-98-26-00-PAG	62	12	12	16	1

\*packing unit

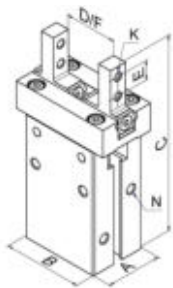
## PAG-R-4-LC / Parallel Gripper round 4 Finger



Desc.	Article Nr.	A	B	C	D	PU*
PAG-R-4-25-LC	1-60-98-34-00-PAG	42	8	10	13	1
PAG-R-4-40-LC	1-60-98-38-00-PAG	62	12	12	16	1

\*packing unit

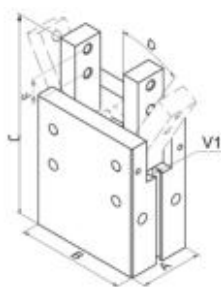
PAG-E-LC / Parallel Gripper easy



Desc.	Article Nr.	A	B	C	D	PU*
PAG-10-E-LC	1-60-98-50-00-PAG	16	23	57	15,2	1
PAG-16-E-LC	1-60-98-52-00-PAG	23,2	31	67,3	20,9	1
PAG-20-E-LC	1-60-98-54-00-PAG	27,2	42	84,8	26,3	1
PAG-25-E-LC	1-60-98-56-00-PAG	33,2	52	102,7	33,3	1

\*packing unit

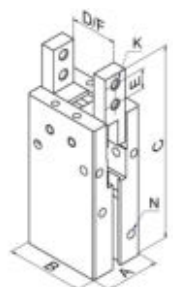
WIG-30-LC / Angle Gripper 30°



Desc.	Article Nr.	A	B	C	D	PU*
WIG-10-30-LC	1-60-96-50-00-WIG	16	23	52,2	15°	1
WIG-16-30-LC	1-60-96-52-00-WIG	22	34	55,5	15°	1
WIG-20-30-LC	1-60-96-54-00-WIG	26	45	75	15°	1
WIG-25-30-LC	1-60-96-56-00-WIG	32	52	87	15°	1
WIG-32-30-LC	1-60-96-58-00-WIG	40	60	98	15°	1

\*packing unit

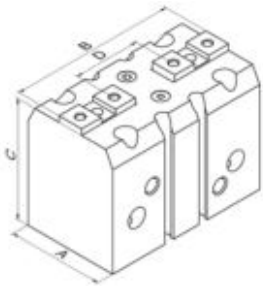
PAG-S-LC / Parallel Gripper Simple Version



Desc.	Article Nr.	A	B	C	D	PU*
PAG-10-S-LC	1-60-97-10-00-PAG	16	23	58	22	1
PAG-16-S-LC	1-60-97-12-00-PAG	22	34	73,5	33	1
PAG-20-S-LC	1-60-97-14-00-PAG	26	45	88,5	44	1
PAG-25-S-LC	1-60-97-16-00-PAG	32	52	103,5	51	1
PAG-32-S-LC	1-60-97-18-00-PAG	40	60	119	60	1

\*packing unit

PAG-H-LC / Parallel Greifer Heavy Version

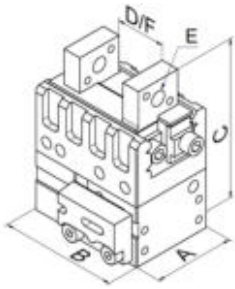


Desc.	Article Nr.	A	B	C	D	PU*	
PAG-20-H-LC	1-60-99-02-00-PAG	30	52	37	21	1	
PAG-25-H-LC	1-60-99-06-00-PAG	36	64	43	30	1	
PAG-32-H-LC	1-60-99-10-00-PAG	42	80	50	38	1	
PAG-40-H-LC	1-60-99-14-00-PAG	50	100	57	48	1	

\*packing unit

## 61 SCHUNK Elements <br> and Accessories

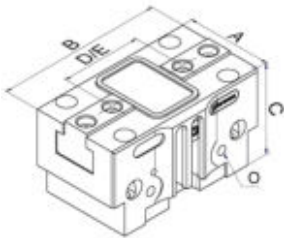
### PAG-MPG / Parallel Gripper SCHUNK



Desc.	Article Nr.	A	B	C	D	PU*	
PAG-16/ MPG-plus 16	1-60-80-00-00-PAG	13	16	29	10	1	
PAG-20/ MPG-plus 20	1-60-80-02-00-PAG	16	20	33	13	1	
PAG-25/ MPG-plus 25	1-60-80-04-00-PAG	18	26	35	17	1	
PAG-32/ MPG-plus 32	1-60-80-06-00-PAG	22	32	44	22	1	
PAG-40/ MPG-plus 40	1-60-80-08-00-PAG	26	40	52	28	1	
PAG-50/ MPG-plus 50	1-60-80-10-00-PAG	30	50	60	34	1	
PAG-64/ MPG-plus 64	1-60-80-12-00-PAG	35	64	72	44	1	

\*packing unit

### JGP / Parallel Gripper Heavy SCHUNK

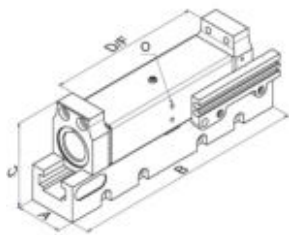


Desc.	Article Nr.	A	B	C	D	PU*	
JGP 40-1	1-61-04-50-00-JGP	24	45	24	21,5	1	
JGP 50-1	1-61-04-54-00-JGP	30	57	31	25,5	1	
JGP 64-1	1-61-04-58-00-JGP	36	64	39	28,5	1	
JGP 80-1	1-61-04-62-00-JGP	42	80	49	37	1	
JGP 100-1	1-61-04-66-00-JGP	50	100	55	47	1	
JGP 125-1	1-61-04-70-00-JGP	60	125	63	61	1	

\*packing unit



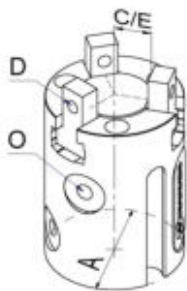
### KGG / Parallel Gripper with large Stroke SCHUNK



Desc.	Article Nr.	A	B	C	D	PU*
KGG 60-20	1-61-06-10-00-KGG	18	61	36,4	36	1
KGG 60-40	1-61-06-12-00-KGG	18	81	36,4	56	1
KGG 70-24	1-61-06-14-00-KGG	22	78	43,5	43	1
KGG 70-48	1-61-06-16-00-KGG	22	102	43,5	67	1
KGG 80-30	1-61-06-18-00-KGG	26	80	51,4	53	1
KGG 80-60	1-61-06-20-00-KGG	26	127	51,4	83	1
KGG 100-40	1-61-06-22-00-KGG	31	100	60	61	1
KGG 100-80	1-61-06-24-00-KGG	31	157	60	101	1
KGG 140-60	1-61-06-26-00-KGG	36	140	68	81	1
KGG 220-90	1-61-06-28-00-KGG	52	220	86,5	113	1
KGG 280-120	1-61-06-30-00-KGG	96	280	105	146	1

\*packing unit

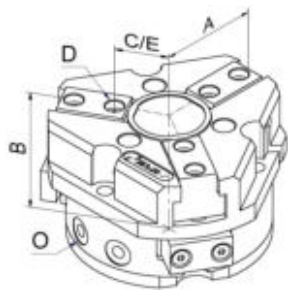
### MPZ / Parallel Gripper 3 Fingers SCHUNK



Desc.	Article Nr.	A	B	C	D	PU*
MPZ 16	1-61-08-10-00-MPZ	16	20	8	1,5	1
MPZ 20	1-61-08-14-00-MPZ	20	27	8,5	2	1
MPZ 25	1-61-08-18-00-MPZ	25	30	11	2,5	1
MPZ 30	1-61-08-22-00-MPZ	30	32	13	3	1
MPZ 38	1-61-08-26-00-MPZ	38	38	17	3	1
MPZ 45	1-61-08-30-00-MPZ	45	43	20	4	1

\*packing unit

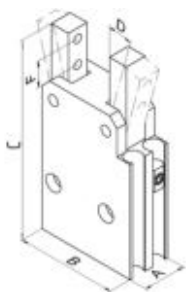
JGZ / Parallel Gripper 3 Fingers Heavy SCHUNK



Desc.	Article Nr.	A	B	C	D	PU*	
JGZ-40-1	1-61-10-30-00-JGZ	22	27,2	13	M2,5	1	
JGZ-50-1	1-61-10-34-00-JGZ	27	34	30,8	M5	1	
JGZ-64-1	1-61-10-38-00-JGZ	32,5	43,3	34,5	M4	1	
JGZ-80-1	1-61-10-42-00-JGZ	40,5	49,3	43	M5	1	
JGZ-100-1	1-61-10-46-00-JGZ	50,5	59,3	53,5	M6	1	
JGZ-125-1	1-61-10-50-00-JGZ	63	67	66,5	M6	1	
JGZ-160-1	1-61-10-54-00-JGZ	83,5	81	86	M10	1	

\*packing unit

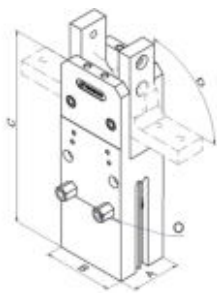
SWG / Angular Gripper 15° each Jaw SCHUNK



Desc.	Article Nr.	A	B	C	D	PU*	
SWG-10	1-61-14-10-00-SWG	5	10,5	21	15°	1	
SWG-12	1-61-14-12-00-SWG	6,5	13	26	15°	1	
SWG-16	1-61-14-14-00-SWG	8	19	38	15°	1	
SWG-20	1-61-14-16-00-SWG	10	23,5	46	15°	1	
SWG-25	1-61-14-18-00-SWG	12	28	56	15°	1	
SWG-32	1-61-14-20-00-SWG	16	35	65	15°	1	
SWG-40	1-61-14-22-00-SWG	20	40	72	15°	1	
SWG-50	1-61-14-24-00-SWG	25	50	92,5	15°	1	

\*packing unit

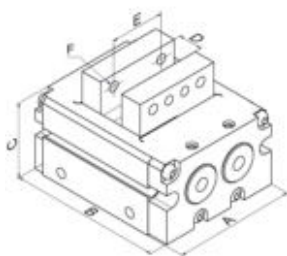
PRG / Angle Gripper 90° each Jaw SCHUNK



Desc.	Article Nr.	A	B	C	D	PU*
PRG 26-90	1-61-16-10-00-PRG	22	26	76	90°	1
PRG 34-90	1-61-16-16-00-PRG	26	34	93	90°	1
PRG 42-90	1-61-16-22-00-PRG	30	42	116	90°	1
PRG 52-90	1-61-16-28-00-PRG	36	52	138	90°	1
PRG 64-90	1-61-16-34-00-PRG	42	64	170	90°	1
PRG 80-90	1-61-16-40-00-PRG	50	80	166	90°	1
PRG 100-90	1-61-16-46-00-PRG	60	100	185	90°	1
PRG 125-90	1-61-16-52-00-PRG	72	125	220	90°	1

\*packing unit

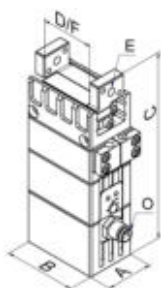
MPC / Parallel Gripper with a Flat Guidance



Desc.	Article Nr.	A	B	C	D	PU*
MPC-025	1-61-18-10-00-MPC	25	36	24	0-5	0
MPC-040	1-61-18-14-00-MPC	40	50	35,5	0-8	1
MPC-075	1-61-18-18-00-MPC	40	75	37	0-15	1
MPC-100	1-61-18-22-00-MPC	46	92	43	0-20	1

\*packing unit

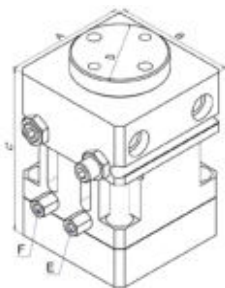
EGP / Electrical Parallel Gripper SCHUNK



Desc.	Article Nr.	A	B	C	D	PU*
EGP 25-N-N-B	1-61-30-10-00-EGP	18	26,5	72,7	11	1
EGP 40-N-N-B	1-61-30-12-00-EGP	26	40	88,4	16	1
EGP 50-N-N-B	1-61-30-14-00-EGP	30	50	104,4	18	1

\*packing unit

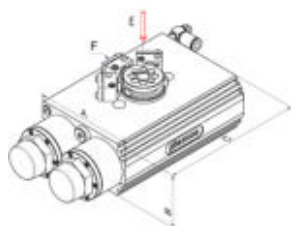
## SFL / Vane Swivel Unit



Desc.	Article Nr.	A	B	C	D	PU*
SFL-25-E-180	1-61-40-10-00-SFL	28	25	47,5	22	1
SFL-40-E-180	1-61-40-20-00-SFL	40	40	55,5	28	1
SFL-40-S-180	1-61-40-30-00-SFL	40	40	55,5	28	1
SFL-64-E-180	1-61-40-40-00-SFL	64	64	72	52	1
SFL-64-S-180	1-61-40-50-00-SFL	64	64	72	52	1

\*packing unit

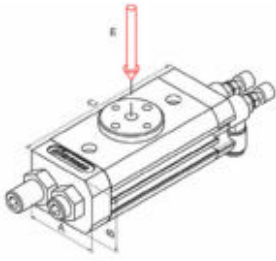
## SRU-plus / Swivel Unit plus pneumatic



Desc.	Article Nr.	A	B	C	D	PU*
SRU-plus 20-W-180-90-4-M8-AS	1-61-42-10-00-SRU	76	47	117	3,4N m	1
SRU-plus 25-W-180-90-4-M8-AS	1-61-42-20-00-SRU	86	55	117	5Nm	1
SRU-plus 30-W-180-90-4-M8-AS	1-61-42-30-00-SRU	96	55	138	9,5N m	1
SRU-plus 35-W-180-90-4-M8-AS	1-61-42-40-00-SRU	107	60	147	14N m	1
SRU-plus 40-W-180-90-8-M8-AS	1-61-42-50-00-SRU	121	69	171	20N m	1
SRU-plus 50-W-180-90-8-M8-AS	1-61-42-60-00-SRU	150	85,5	260	52N m	1
SRU-plus 60-W-180-90-8-M8-AS	1-61-42-70-00-SRU	174	97,7	260	72N m	1

\*packing unit

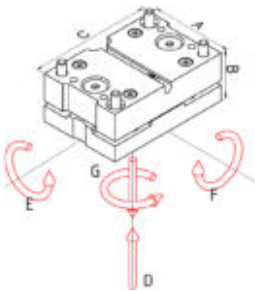
SRU-mini / Swivel Unit mini



Desc.	Article Nr.	A	B	C	D	PU*
SRU 8.2-W	1-61-44-10-00-SRU	29	22	68	0,2Nm	1
SRU 10.2-W	1-61-44-20-00-SRU	31	22	80	0,28 Nm	1
SRU 12.2-W	1-61-44-30-00-SRU	39	29	101	0,75 Nm	1
SRU 14.2-W	1-61-44-40-00-SRU	43	31	101	1,15 Nm	1

\*packing unit

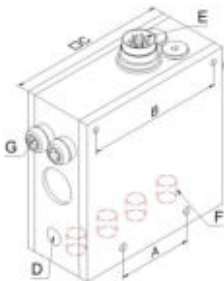
TCU-P / Toleranz Compensation Unit



Desc.	Article Nr.	A	B	C	D	PU*
TCU-P-050-3-OV	1-61-50-10-00-TCU	30	18,6	42	500N	1
TCU-P-064-3-OV	1-61-50-14-00-TCU	36	22,7	52	1100 N	1
TCU-P-080-3-OV	1-61-50-18-00-TCU	42	24,5	63	1500 N	1
TCU-P-100-3-OV	1-61-50-22-00-TCU	50	26	81	2000 N	1
TCU-P-125-3-OV	1-61-50-26-00-TCU	60	28,9	100	2800 N	1
TCU-P-160-3-OV	1-61-50-30-00-TCU	72	34,2	125	4300 N	1
TCU-P-200-3-OV	1-61-50-34-00-TCU	100	37,8	154	5000 N	1

\*packing unit

VB25 / Valve Block



Desc.	Article Nr.	A	B	C	D	PU*
VB25	1-96-48-10-00-VEB	40	74	85	G1/8	1

\*packing unit

ADHESO / Adhesive grippers

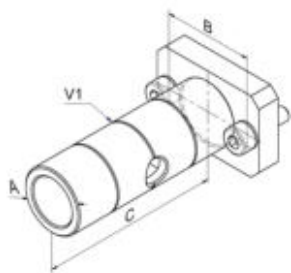


Desc.	Article Nr.	A	B	C	D	PU*	
ADHESO-G-10-700-S	1-61-96-30-00-ADH	44	52			1	

\*packing unit

## 63 Gripper accessories

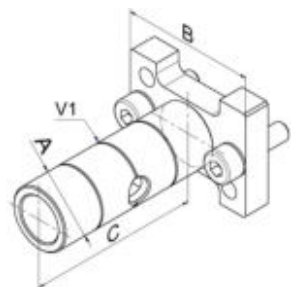
### APG / Adapter for Parallel Gripper



Desc.	Article Nr.	A	B	C	D	PU*
APG-16-10-30	1-60-81-00-00-APG	10	12	30	-	1
APG-20-10-30 Sale	1-60-81-02-00-999	10	15	30	-	1
APG-20-10-30	1-60-81-02-00-APG	10	15	30	-	1
APG-25-14-40 Sale	1-60-81-04-00-999	14	20	40	-	1
APG-25-14-40	1-60-81-04-00-APG	14	20	40	-	1
APG-32-14-40 Sale	1-60-81-06-00-999	14	25	40	-	1
APG-32-14-40	1-60-81-06-00-APG	14	25	40	-	1
APG-40-20-50 Sale	1-60-81-08-00-999	20	32	50	-	1
APG-40-20-50	1-60-81-08-00-APG	20	32	50	-	1
APG-50-20-50 Sale	1-60-81-10-00-999	20	40	50	-	1
APG-50-20-50	1-60-81-10-00-APG	20	40	50	-	1
APG-64-20-50 Sale	1-60-81-12-00-999	20	52	50	-	1
APG-64-20-50	1-60-81-12-00-APG	20	52	50	-	1

\*packing unit

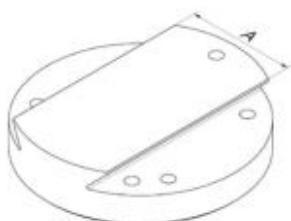
### APG-E / Adapter for Parallel Gripper easy



Desc.	Article Nr.	A	B	C	D	PU*
APG-6-E-10-30	1-60-81-20-00-APG	10	20	30	-	1
APG-10-E-10-30	1-60-81-22-00-APG	10	25	30	-	1
APG-16-E-14-40	1-60-81-24-00-APG	14	31	40	-	1
APG-20-E-20-50	1-60-81-26-00-APG	20	42	50	-	1
APG-25-E-20-50	1-60-81-28-00-APG	20	52	50	-	1

\*packing unit

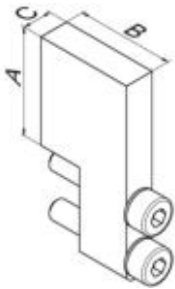
### ADA-PAG-R-P / Adapter plate for Parallel Gripper



Desc.	Article Nr.	A	B	C	D	PU*
ADA-PAG-R-25-P22	1-63-99-10-00-ADA	P22	-	-	-	1
ADA-PAG-R-40-P22	1-63-99-14-00-ADA	P22	-	-	-	1

\*packing unit

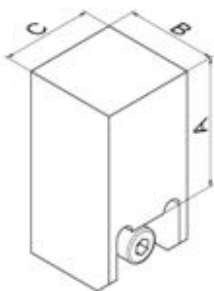
ABG / Adapterjaws for gripper GZA-PA-A



Desc.	Article Nr.	A	B	C	D	PU*	
ABG-10-12	1-60-10-50-00-ABG	22	20	6	-	2	
ABG-14-16	1-60-12-50-00-ABG	29	25	10	-	2	
ABG-20-20	1-60-14-50-00-ABG	29	25	12	-	2	
ABG-20-16-S	1-60-20-50-00-ABG	22	20	12	-	2	

\*packing unit

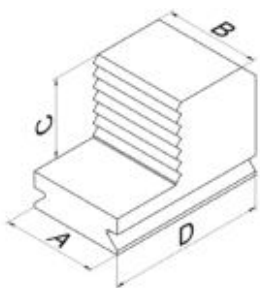
ABP / Adapterjaws for parallel gripper PAG



Desc.	Article Nr.	A	B	C	D	PU*	
ABP-16	1-60-81-38-00-ABP	12,5	10	10	-	2	
ABP-20	1-60-81-40-00-ABP	12,5	12	12	-	2	
ABP-25 aus VA Sonder	1-60-81-42-00-002					2	
ABP-25	1-60-81-42-00-ABP	17,5	12	12	-	2	
ABP-32	1-60-81-44-00-ABP	22,5	16	16	-	2	
ABP-40	1-60-81-46-00-ABP	28,5	20	20	-	2	
ABP-50	1-60-81-48-00-ABP	36,5	25	25	-	2	
ABP-64	1-60-81-50-00-ABP	48,5	30	25	-	2	

\*packing unit

ABG-P-A / Adapterjaws outside for gripper GZA-A

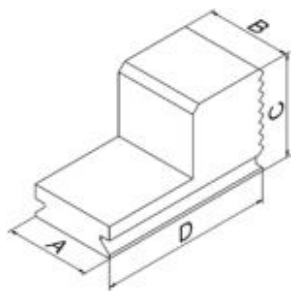


Desc.	Article Nr.	A	B	C	D	PU*	
ABG-P13-A-1	1-63-20-19-00-ABG	P13	12	10	20	1	
ABG-P13-A-2	1-63-20-20-00-ABG	P13	12	10	20	2	

\*packing unit



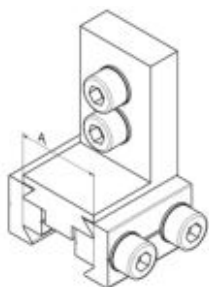
ABG-P-I / Adapterjaws inside for gripper GZA-A



Desc.	Article Nr.	A	B	C	D	PU*	
ABG-P13-I-1	1-63-20-29-00-ABG	P13	12	14,5	25	1	
ABG-P13-I-2	1-63-20-30-00-ABG	P13	12	14,5	25	2	

\*packing unit

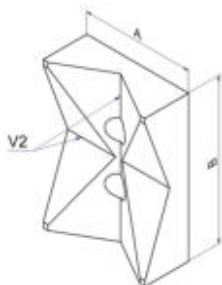
GBB-P / Gripper Jaws Basic with prism



Desc.	Article Nr.	A	B	C	D	PU*	
GBB-P13-1	1-63-60-09-00-GBB	P13				1	
GBB-P13-2	1-63-60-10-00-GBB	P13				2	
GBB-P13-3	1-63-60-11-00-GBB	P13				3	
GBB-P22-1	1-63-60-19-00-GBB	P22				1	
GBB-P22-2	1-63-60-20-00-GBB	P22				2	
GBB-P22-3	1-63-60-21-00-GBB	P22				3	

\*packing unit

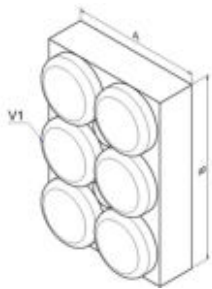
ADA-VF-P / Adapter V-Shape for GGB-P



Desc.	Article Nr.	A	B	C	D	PU*	
ADA-VF-P13-1	1-63-62-09-00-ADA	12	20			1	
ADA-VF-P13-2	1-63-62-10-00-ADA	12	20			2	
ADA-VF-P13-3	1-63-62-11-00-ADA	12	20			3	
ADA-VF-P22-1	1-63-62-19-00-ADA	21	30			1	
ADA-VF-P22-2	1-63-62-20-00-ADA	21	30			2	
ADA-VF-P22-3	1-63-62-21-00-ADA	21	30			3	

\*packing unit

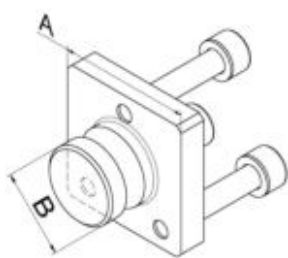
ADA-EPDM-P / Adapter with EPDM Coat for GBB-P



Desc.	Article Nr.	A	B	C	D	PU*
ADA-EPDM-P13-1	1-63-64-09-00-ADA	12	20			1
ADA-EPDM-P13-2	1-63-64-10-00-ADA	12	20			2
ADA-EPDM-P13-3	1-63-64-11-00-ADA	12	20			3
ADA-EPDM-P22-1	1-63-64-19-00-ADA	21	30			1
ADA-EPDM-P22-2	1-63-64-20-00-ADA	21	30			2
ADA-EPDM-P22-3	1-63-64-21-00-ADA	21	30			3

\*packing unit

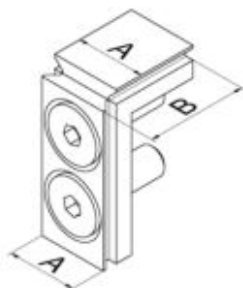
AGG / Adapter - Gripperarm - Gripper



Desc.	Article Nr.	A	B	C	D	PU*
AGG-14-10-12	1-63-00-10-00-AGG	für GGV-14 und GGB-14	GZA- 10- 12	-	-	1
AGG-20-14-16	1-63-00-20-00-AGG	für GGV-20 und GGB-20	GZA- 14- 16	-	-	1
AGG-20-20-20	1-63-00-30-00-AGG	für GGV-20 und GGB-20	GZA- 20- 20	-	-	1

\*packing unit

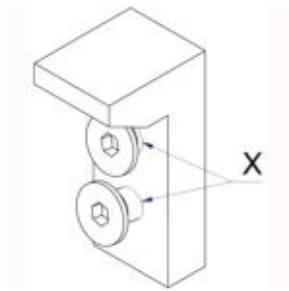
HSG-P / Holder with Prism for GZA-PA-A



Desc.	Article Nr.	A	B	C	D	PU*
HSG-10-12-P13	1-63-20-10-00-HSG	P13	14,5	-	-	2
HSG-14-16-P13	1-63-20-12-00-HSG	P13	17,5	-	-	2
HSG-S-20-16-P13	1-63-20-14-00-HSG	P13	20	-	-	2

\*packing unit

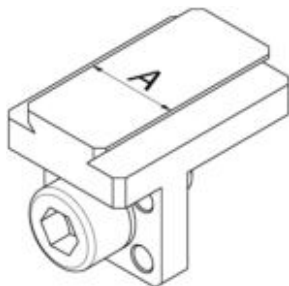
ANG-GZA-S / Sprue Protection for Special Gripper



Desc.	Article Nr.	A	B	C	D	PU*
ANG-GZA-S-20-16	1-63-10-30-00-ANG	-	-	-	-	1

\*packing unit

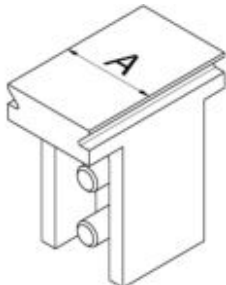
HSP-P / Holding piece with prism for parallel gripper



Desc.	Article Nr.	A	B	C	D	PU*
HSP-16-P13	1-63-22-08-00-HSP	P13	-	-	-	2
HSP-20-P13	1-63-22-10-00-HSP	P13	-	-	-	2
HSP-25-P13	1-63-22-12-00-HSP	P13	-	-	-	2
HSP-32-P13	1-63-22-14-00-HSP	P13	-	-	-	2
HSP-40-P13	1-63-22-16-00-HSP	P13	-	-	-	2
HSP-50-P13	1-63-22-18-00-HSP	P13	-	-	-	2
HSP-64-P13	1-63-22-20-00-HSP	P13	-	-	-	2

\*packing unit

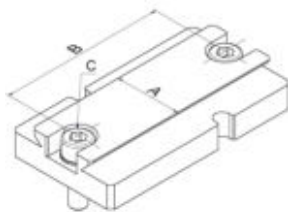
HSP-E-P / Holding piece with prism f. parallel gripper



Desc.	Article Nr.	A	B	C	D	PU*
HSP-6-E-P13	1-63-22-40-00-HSP	P13	-	-	-	2
HSP-10-E-P13	1-63-22-42-00-HSP	P13	-	-	-	2
HSP-16-E-P13	1-63-22-44-00-HSP	P13	-	-	-	2
HSP-20-E-P13	1-63-22-46-00-HSP	P13	-	-	-	2
HSP-25-E-P13	1-63-22-48-00-HSP	P13	-	-	-	2

\*packing unit

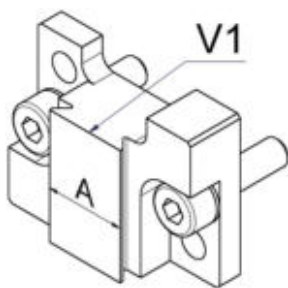
APG-MPG-EGP-P / Adapter for PAG-MPG prism and EGP



Desc.	Article Nr.	A	B	C	D	PU*
APG-MPG+20-P13	1-63-30-10-00-APG	P13	15	M2,5	-	1
APG-MPG+EGP-25-P13	1-63-30-12-00-APG	P13	20	M3	-	1
APG-MPG+32-P22	1-63-30-14-00-APG	P22	25	M4	-	1
APG-MPG+EGP-40-P22	1-63-30-16-00-APG	P22	32	M4	-	1
APG-MPG+EGP-50-P22	1-63-30-18-00-APG	P22	40	M5	-	1
APG-MPG+64-P22	1-63-30-20-00-APG	P22	52	M5	-	1
APG-MPG+16-P13	1-64-02-10-00-APG	P13	12	M2		1

\*packing unit

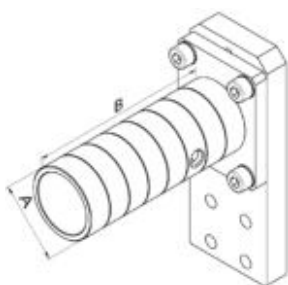
APG-E-P / Adapter for PAG-E prism



Desc.	Article Nr.	A	B	C	D	PU*
APG-6-E-P13	1-63-30-40-00-APG	P13	-	-	-	1
APG-10-E-P13	1-63-30-42-00-APG	P13	-	-	-	1
APG-16-E-P13	1-63-30-44-00-APG	P13	-	-	-	1
APG-20-E-P22	1-63-30-46-00-APG	P22	-	-	-	1
APG-25-E-P22	1-63-30-48-00-APG	P22	-	-	-	1

\*packing unit

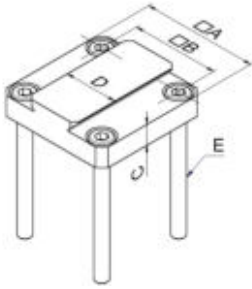
AGZ / Adapter Gripper GZA-32-H



Desc.	Article Nr.	A	B	C	D	PU*
AGZ-32-30-80	1-63-32-40-00-AGZ	30	80	-	-	1

\*packing unit

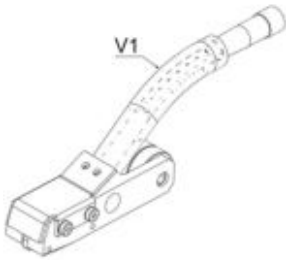
AGZ-P / Adapter gripper prism



Desc.	Article Nr.	A	B	C	D	PU*	
AGZ-32-P22	1-63-32-10-00-AGZ	45	34	8	P22	1	

\*packing unit

BCF / jaw with sensor flame protected

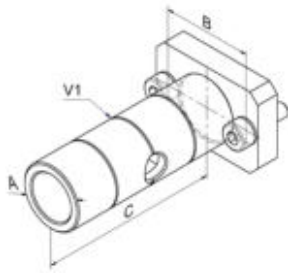


Desc.	Article Nr.	A	B	C	D	PU*	
BCF-32-CS-F	1-63-40-10-00-BCF	-	-	-	-	1	

\*packing unit

## 64 SCHUNK accessories

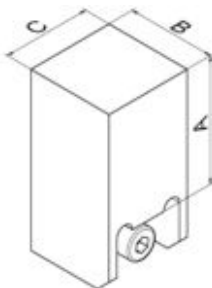
### APG / Adapter for Parallel Gripper



Desc.	Article Nr.	A	B	C	D	PU*
APG-16-10-30	1-60-81-00-00-APG	10	12	30	-	1
APG-20-10-30 Sale	1-60-81-02-00-999	10	15	30	-	1
APG-20-10-30	1-60-81-02-00-APG	10	15	30	-	1
APG-25-14-40 Sale	1-60-81-04-00-999	14	20	40	-	1
APG-25-14-40	1-60-81-04-00-APG	14	20	40	-	1
APG-32-14-40 Sale	1-60-81-06-00-999	14	25	40	-	1
APG-32-14-40	1-60-81-06-00-APG	14	25	40	-	1
APG-40-20-50 Sale	1-60-81-08-00-999	20	32	50	-	1
APG-40-20-50	1-60-81-08-00-APG	20	32	50	-	1
APG-50-20-50 Sale	1-60-81-10-00-999	20	40	50	-	1
APG-50-20-50	1-60-81-10-00-APG	20	40	50	-	1
APG-64-20-50 Sale	1-60-81-12-00-999	20	52	50	-	1
APG-64-20-50	1-60-81-12-00-APG	20	52	50	-	1

\*packing unit

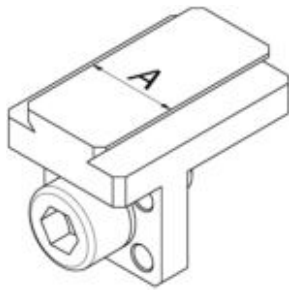
### ABP / Adapterjaws for parallel gripper PAG



Desc.	Article Nr.	A	B	C	D	PU*
ABP-16	1-60-81-38-00-ABP	12,5	10	10	-	2
ABP-20	1-60-81-40-00-ABP	12,5	12	12	-	2
ABP-25 aus VA Sonder	1-60-81-42-00-002					2
ABP-25	1-60-81-42-00-ABP	17,5	12	12	-	2
ABP-32	1-60-81-44-00-ABP	22,5	16	16	-	2
ABP-40	1-60-81-46-00-ABP	28,5	20	20	-	2
ABP-50	1-60-81-48-00-ABP	36,5	25	25	-	2
ABP-64	1-60-81-50-00-ABP	48,5	30	25	-	2

\*packing unit

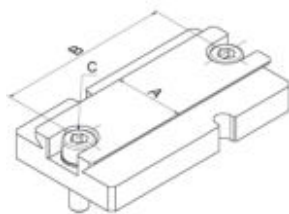
HSP-P / Holding piece with prism for parallel gripper



Desc.	Article Nr.	A	B	C	D	PU*
HSP-16-P13	1-63-22-08-00-HSP	P13	-	-	-	2
HSP-20-P13	1-63-22-10-00-HSP	P13	-	-	-	2
HSP-25-P13	1-63-22-12-00-HSP	P13	-	-	-	2
HSP-32-P13	1-63-22-14-00-HSP	P13	-	-	-	2
HSP-40-P13	1-63-22-16-00-HSP	P13	-	-	-	2
HSP-50-P13	1-63-22-18-00-HSP	P13	-	-	-	2
HSP-64-P13	1-63-22-20-00-HSP	P13	-	-	-	2

\*packing unit

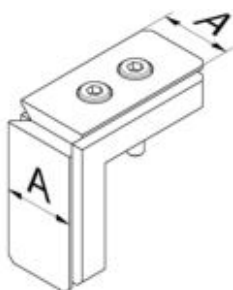
APG-MPG-EGP-P / Adapter for PAG-MPG prism and EGP



Desc.	Article Nr.	A	B	C	D	PU*
APG-MPG+20-P13	1-63-30-10-00-APG	P13	15	M2,5	-	1
APG-MPG+EGP-25-P13	1-63-30-12-00-APG	P13	20	M3	-	1
APG-MPG+32-P22	1-63-30-14-00-APG	P22	25	M4	-	1
APG-MPG+EGP-40-P22	1-63-30-16-00-APG	P22	32	M4	-	1
APG-MPG+EGP-50-P22	1-63-30-18-00-APG	P22	40	M5	-	1
APG-MPG+64-P22	1-63-30-20-00-APG	P22	52	M5	-	1
APG-MPG+16-P13	1-64-02-10-00-APG	P13	12	M2		1

\*packing unit

HSP-JGP-P / Holding piece with prism for JGP



Desc.	Article Nr.	A	B	C	D	PU*
HSP-JGP-40-P13	1-64-50-50-00-HSP	P13				2
HSP-JGP-50-P13	1-64-50-54-00-HSP	P13				2
HSP-JGP-64-P22	1-64-50-58-00-HSP	P22				2
HSP-JGP-80-P22	1-64-50-62-00-HSP	P22				2
HSP-JGP-100-P22	1-64-50-66-00-HSP	P22				2
HSP-JGP-125-P22	1-64-50-70-00-HSP	P22				2

\*packing unit

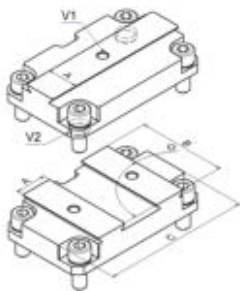
HSP-E-JGP-P / Holding piece Easy with prism for JGP



Desc.	Article Nr.	A	B	C	D	PU*
HSP-E-JGP-40-P13	1-64-51-50-00-HSP	P13	24			2
HSP-E-JGP-50-P13	1-64-51-54-00-HSP	P13	32			2
HSP-E-JGP-64-P22	1-64-51-58-00-HSP	P22	37			2
HSP-E-JGP-80-P22	1-64-51-62-00-HSP	P22	48			2
HSP-E-JGP-100-P22	1-64-51-66-00-HSP	P22	62			2
HSP-E-JGP-125-P22	1-64-51-70-00-HSP	P22	80			2

\*packing unit

ADA-JGP-PGN-P / Adapter plate for JGP and PGN

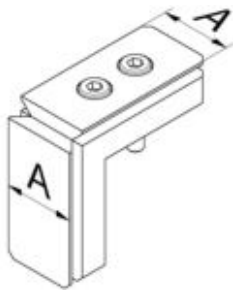


Desc.	Article Nr.	A	B	C	D	PU*
ADA-JGP-PGN-40-P22-0	1-64-04-50-00-ADA	P22	24	45	0°	1
ADA-JGP-PGN-50-P22-0	1-64-04-54-00-ADA	P22	30	57	0°	1
ADA-JGP-PGN-64-P22-0	1-64-04-58-00-ADA	P22	36	70	0°	1
ADA-JGP-PGN-80-P22-0	1-64-04-62-00-ADA	P22	42	87	0°	1
ADA-JGP-PGN-100-P22-0	1-64-04-66-00-ADA	P22	50	105	0°	1
ADA-JGP-PGN-125-P22-0	1-64-04-70-00-ADA	P22	60	130	0°	1
ADA-JGP-PGN-125-P22-90	1-64-04-72-00-ADA	P22	60	130	90°	1

\*packing unit



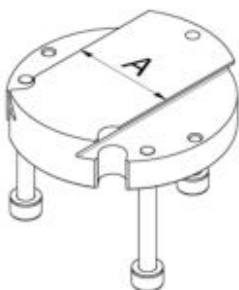
HSP-JGZ-P / Holding piece with prism for JGZ



Desc.	Article Nr.	A	B	C	D	PU*
HSP-JGZ-40-P13	1-64-50-51-00-HSP	P13				3
HSP-JGZ-50-P13	1-64-50-55-00-HSP	P13				3
HSP-JGZ-64-P22	1-64-50-59-00-HSP	P22				3
HSP-JGZ-80-P22	1-64-50-63-00-HSP	P22				3
HSP-JGZ-100-P22	1-64-50-67-00-HSP	P22				3
HSP-JGZ-125-P22	1-64-50-71-00-HSP	P22				3
HSP-JGZ-160-P22	1-64-50-75-00-HSP	P22				3

\*packing unit

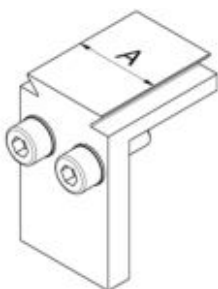
ADA-JGZ-PZN-DPZ-P / Adapter Plate for JGZ, PZN and DPZ



Desc.	Article Nr.	A	B	C	D	PU*
ADA-JGZ-PZN-DPZ-40-1-P22	1-64-10-30-00-ADA	P22				1
ADA-JGZ-PZN-DPZ-50-1-P22	1-64-10-34-00-ADA	P22				1
ADA-JGZ-PZN-DPZ-64-1-P22	1-64-10-38-00-ADA	P22				1
ADA-JGZ-PZN-DPZ-80-1-P22	1-64-10-42-00-ADA	P22				1
ADA-JGZ-PZN-DPZ-100-1-P22	1-64-10-46-00-ADA	P22				1

\*packing unit

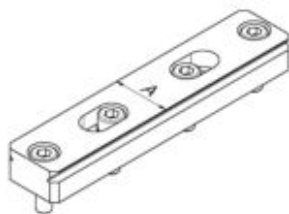
HSP-KGG-P / Holding piece with prism for KGG



Desc.	Article Nr.	A	B	C	D	PU*
HSP-KGG-60-P13	1-64-52-10-00-HSP	P13				2
HSP-KGG-70-P13	1-64-52-14-00-HSP	P13				2
HSP-KGG-80-P13	1-64-52-18-00-HSP	P13				2
HSP-KGG-100-P13	1-64-52-22-00-HSP	P13				2
HSP-KGG-140-P22	1-64-52-26-00-HSP	P22				2
HSP-KGG-220-P22	1-64-52-30-00-HSP	P22				2
HSP-KGG-280-P22	1-64-52-34-00-HSP	P22				2

\*packing unit

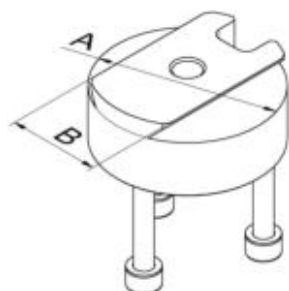
ADA-KGG-P / Adapter plate for KGG-P



Desc.	Article Nr.	A	B	C	D	PU*
ADA-KGG-60-70-P13	1-64-06-10-00-ADA	P13				1
ADA-KGG-80-P22	1-64-06-18-00-ADA	P22				1
ADA-KGG-100-140-P22	1-64-06-24-00-ADA	P22				1
ADA-KGG-220-P22	1-64-06-28-00-ADA	P22				1
ADA-KGG-280-P22	1-64-06-30-00-ADA	P22				1

\*packing unit

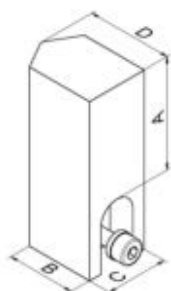
ADA-MPZ-P / Adapter Plate for MPZ



Desc.	Article Nr.	A	B	C	D	PU*
ADA-MPZ-16-P13	1-64-08-10-00-ADA	16	P13			1
ADA-MPZ-20-P13	1-64-08-14-00-ADA	20	P13			1
ADA-MPZ-25-P13	1-64-08-18-00-ADA	25	P13			1
ADA-MPZ-30-P13	1-64-08-22-00-ADA	30	P22			1
ADA-MPZ-38-P22	1-64-08-26-00-ADA	38	P22			1
ADA-MPZ-45-P22	1-64-08-30-00-ADA	45	P22			1

\*packing unit

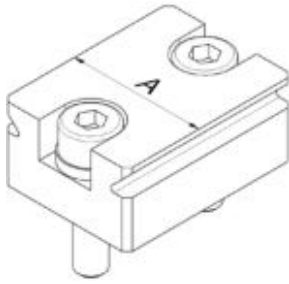
ABR-MPZ / Adapterjaws blanks for MPZ



Desc.	Article Nr.	A	B	C	D	PU*
ABR-MPZ-16	1-64-56-10-00-ABR					3
ABR-MPZ-20	1-64-56-14-00-ABR					3
ABR-MPZ-25	1-64-56-18-00-ABR					3
ABR-MPZ-30	1-64-56-22-00-ABR					3
ABR-MPZ-38	1-64-56-26-00-ABR	21,5	13	12	16,5	3
ABR-MPZ-45	1-64-56-30-00-ABR					3

\*packing unit

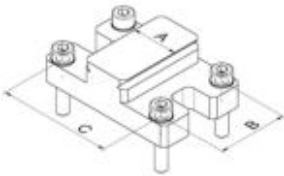
ADA-SWG-P / Adapter plate for SWG



Desc.	Article Nr.	A	B	C	D	PU*
ADA-SWG-10-P13	1-64-14-10-00-ADA	P13				1
ADA-SWG-12-P13	1-64-14-12-00-ADA	P13				1
ADA-SWG-16-P13	1-64-14-14-00-ADA	P13				1
ADA-SWG-20-P13	1-64-14-16-00-ADA	P13				1
ADA-SWG-25-P22	1-64-14-18-00-ADA	P22				1
ADA-SWG-32-P22	1-64-14-20-00-ADA	P22				1
ADA-SWG-40-P22	1-64-14-22-00-ADA	P22				1
ADA-SWG-50-P22	1-64-14-24-00-ADA	P22				1

\*packing unit

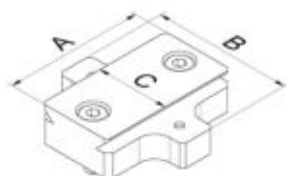
ADA-PRG-P / Adapter plate for PRG



Desc.	Article Nr.	A	B	C	D	PU*
ADA-PRG-26-90-P13-0	1-64-16-10-00-ADA	P13	22	26	0°	1
ADA-PRG-34-90-P22-0	1-64-16-16-00-ADA	P22	26	34	0°	1
ADA-PRG-42-90-P22-0	1-64-16-22-00-ADA	P22	30	42	0°	1
ADA-PRG-52-90-P22-0	1-64-16-28-00-ADA	P22	36	52	0°	1
ADA-PRG-64-90-P22-0	1-64-16-34-00-ADA	P22	42	64	0°	1
ADA-PRG-80-90-P22-0	1-64-16-40-00-ADA	P22	50	80	0°	1
ADA-PRG-100-90-P22-0	1-64-16-46-00-ADA	P22	60	100	0°	1
ADA-PRG-125-90-P22-0	1-64-16-52-00-ADA	P22	72	125	0°	1
ADA-PRG-125-90-P22-90	1-64-16-54-00-ADA	P22	72	125	90°	1

\*packing unit

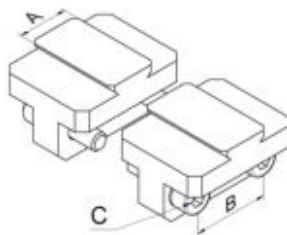
ADA-MPC-P / Adapter Platte with prism for MPC



Desc.	Article Nr.	A	B	C	D	PU*
ADA-MPC-025-P22	1-64-18-10-00-ADA	28	28	P22		1
ADA-MPC-040-P22	1-64-18-14-00-ADA	40	40	P22		1
ADA-MPC-075-P22	1-64-18-18-00-ADA	56	40	P22		1
ADA-MPC-100-P22	1-64-18-22-00-ADA	70	46	P22		1

\*packing unit

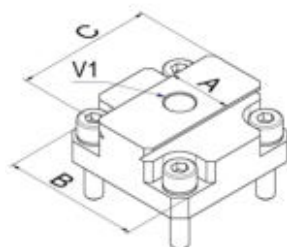
HSP-MPC-P / Holding piece with prism for MPC



Desc.	Article Nr.	A	B	C	D	PU*
HSP-MPC-025-P13	1-64-54-10-00-HSP	P13	13	Ø2,9		2
HSP-MPC-040-075-P13	1-64-54-14-00-HSP	P13	18	Ø4,5		2
HSP-MPC-100-P13	1-64-54-22-00-HSP	P13	22	Ø5,5		2

\*packing unit

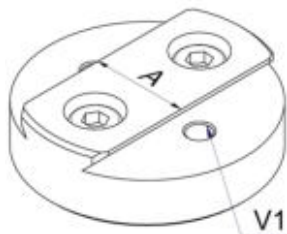
ADA-SFL-P / Adapter plate for SFL



Desc.	Article Nr.	A	B	C	D	PU*
ADA-SFL-25-180-P13	1-64-40-10-00-ADA	P13	25	25		1
ADA-SFL-40-180-P22	1-64-40-20-00-ADA	P22	40	40		1
ADA-SFL-64-180-P22	1-64-40-30-00-ADA	P22	64	64		1

\*packing unit

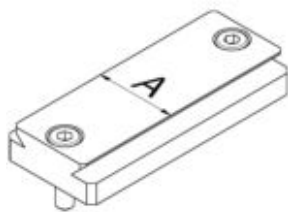
KOP-SFL-P / Head plate for SFL



Desc.	Article Nr.	A	B	C	D	PU*
KOP-SFL-25-180-P13	1-64-40-50-00-KOP	P13				1
KOP-SFL-40-180-P22	1-64-40-60-00-KOP	P22				1
KOP-SFL-64-180-P22	1-64-40-70-00-KOP	P22				1

\*packing unit

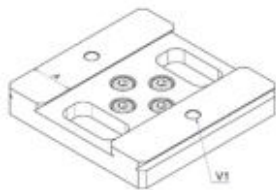
ADA-SRU+P / Adapter plate for SRUplus swivel unit plus



Desc.	Article Nr.	A	B	C	D	PU*
ADA-SRU+20-25-30-35-P22	1-64-42-10-00-ADA	P22				1
ADA-SRU+40-P22	1-64-42-50-00-ADA	P22				1
ADA-SRU+50-P22	1-64-42-60-00-ADA	P22				1
ADA-SRU+60-P22	1-64-42-70-00-ADA	P22				1

\*packing unit

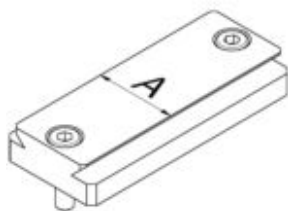
KOP-SRU+P / Head plate for SRUplus



Desc.	Article Nr.	A	B	C	D	PU*
KOP-SRU+20-P13-3	1-64-43-10-00-KOP	P22	3			1
KOP-SRU+25-30-P22-2	1-64-43-20-00-KOP	P22	2			1
KOP-SRU+35-P22-2	1-64-43-40-00-KOP	P22	2			1
KOP-SRU+40-P22-2	1-64-43-50-00-KOP	P22	2			1
KOP-SRU+50-60-P22-2	1-64-43-60-00-KOP	P22	2			1

\*packing unit

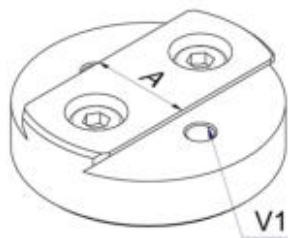
ADA-SRU-mini-P / Adapter plate for SRU-mini



Desc.	Article Nr.	A	B	C	D	PU*
ADA-SRU-8.2-10.2-P22	1-64-46-10-00-ADA	P22				1
ADA-SRU-12.2-14.2-P22	1-64-46-20-00-ADA	P22				1

\*packing unit

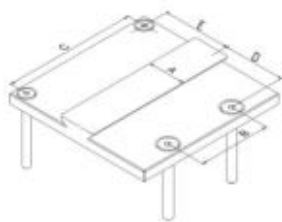
KOP-SRU-mini-P / Head plate for SRU-mini



Desc.	Article Nr.	A	B	C	D	PU*
KOP-SRU-8.2-10.2-P13	1-64-46-30-00-KOP	P13				1
KOP-SRU-12.2-14.2-P13	1-64-46-40-00-KOP	P13				1

\*packing unit

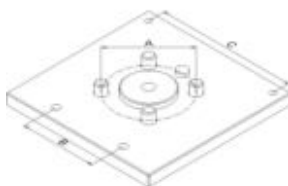
ADP-VB25-P / Adapter plate for VB25 with Prism



Desc.	Article Nr.	A	B	C	D	PU*
ADP-VB25-P22	1-96-50-10-00-ADP	P22	40	74	35	1

\*packing unit

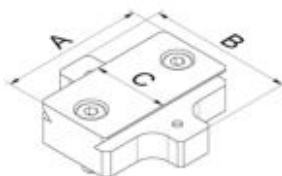
ADP-VB25-ISO / Adapter plate for VB25 with ISO-flange



Desc.	Article Nr.	A	B	C	D	PU*
ADP-VB25-ISO31.5	1-96-52-10-00-ADP	ISO31.5	40	74		1
ADP-VB25-ISO40	1-96-52-18-00-ADP	ISO40	40	74		1
ADP-VB25-ISO50	1-96-52-26-00-ADP	ISO50	40	74		1
ADP-VB25-ISO63	1-96-52-34-00-ADP	ISO63	40	74		1

\*packing unit

ADA diverse / Adapter plates diverse

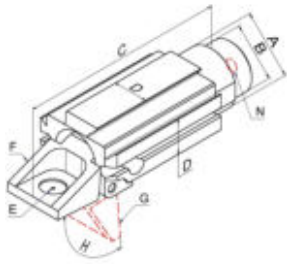


Desc.	Article Nr.	A	B	C	D	PU*
ADA-AGE-Z-2-50	1-64-94-01-00-ADA	64	64	P22		1
ADA-AGE-Z-2-63	1-64-94-02-00-ADA	80	80	P22		1
ADA-AGE-Z-2-80	1-64-94-03-00-ADA	105	100	P22		1
ADA-PGF-50-P22	1-64-94-04-00-ADA	58	38	P22		1
ADA-PSH-32-P22	1-64-94-05-00-ADA	97		P22		1
ADA-SHA-050-P22-2	1-64-94-06-00-ADA	100	100	P22		1

\*packing unit

## 65 Gripper fingers

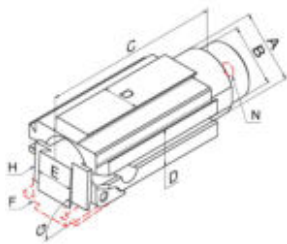
### GFI-95 / Gripper Finger 95°



Desc.	Article Nr.	A	B	C	D	PU*
GFI-20-95	1-65-02-02-00-GFI	20	M17 x1	70	P13	1
GFI-30-95	1-65-04-02-00-GFI	30	M27 x1	95	P22	1

\*packing unit

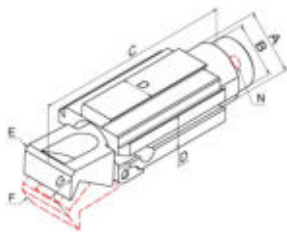
### GFI-95-P / Gripper Finger 95° Prisma



Desc.	Article Nr.	A	B	C	D	PU*
GFI-20-95-P	1-65-02-08-00-GFI	20	M17 x1	58	P13	1
GFI-30-95-P	1-65-04-08-00-GFI	30	M27 x1	78	P22	1

\*packing unit

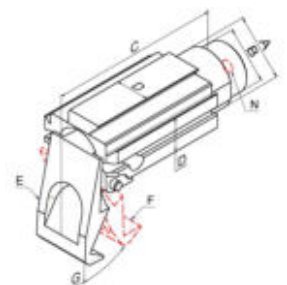
### GFI-35 / Gripper Finger 35°



Desc.	Article Nr.	A	B	C	D	PU*
GFI-20-35	1-65-02-04-00-GFI	20	M17 x1	73	P13	1
GFI-30-35	1-65-04-04-00-GFI	30	M27 x1	102	P22	1

\*packing unit

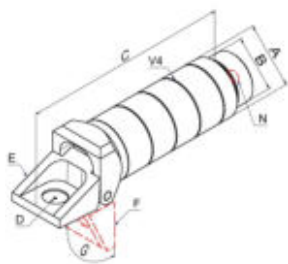
### GFI-35-W / Gripper Finger 35° Angle



Desc.	Article Nr.	A	B	C	D	PU*
GFI-20-35-W	1-65-02-06-00-GFI	20	M17 x1	54	P13	1
GFI-30-35-W	1-65-04-06-00-GFI	30	M27 x1	72	P22	1

\*packing unit

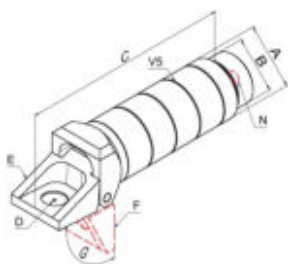
GFI-95-E / Gripper Finger 95° Easy



Desc.	Article Nr.	A	B	C	D	PU*
GFI-14-95-E	1-65-00-10-00-GFI	14	M12 x1	55	4	1
GFI-20-95-E	1-65-02-10-00-GFI	20	M17 x1	83	5	1
GFI-30-95-E	1-65-04-10-00-GFI	30	M27 x1	98	2x5	1

\*packing unit

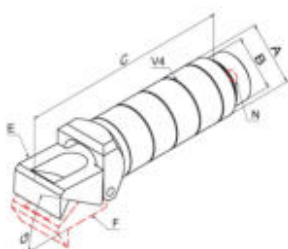
GFI-95-E-VA / Gripper Finger 95° Easy made from stainless steel



Desc.	Article Nr.	A	B	C	D	PU*
GFI-20-95-E-VA	1-65-03-10-00-GFI	20	M17 x1	83	5	1

\*packing unit

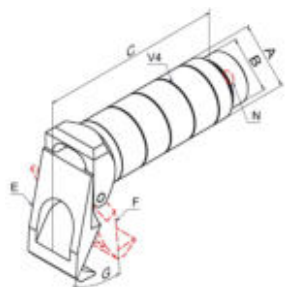
GFI-35-E / Gripper Finger 35° Easy



Desc.	Article Nr.	A	B	C	D	PU*
GFI-14-35-E	1-65-00-12-00-GFI	14	M12 x1	56	-	1
GFI-20-35-E	1-65-02-12-00-GFI	20	M17 x1	74	-	1
GFI-30-35-E	1-65-04-12-00-GFI	30	M27 x1	104	-	1

\*packing unit

GFI-35-WE / Gripper Finger 35° Angle Easy

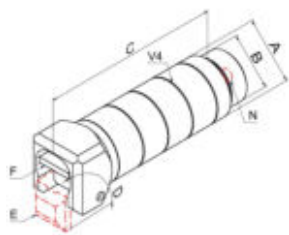


Desc.	Article Nr.	A	B	C	D	PU*
GFI-20-35-WE	1-65-02-14-00-GFI	20	M17 x1	55	-	1
GFI-30-35-WE	1-65-04-14-00-GFI	30	M27 x1	74	-	1

\*packing unit



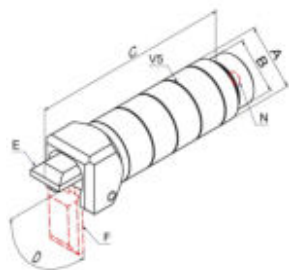
GFI-90-E / Gripper Finger 90° Easy



Desc.	Article Nr.	A	B	C	D	PU*
GFI-14-90-E	1-65-00-16-00-GFI	14	M12 x1	49,5	-	1
GFI-20-90-E	1-65-02-16-00-GFI	20	M17 x1	63	-	1
GFI-30-90-E	1-65-04-16-00-GFI	30	M27 x1	87	-	1

\*packing unit

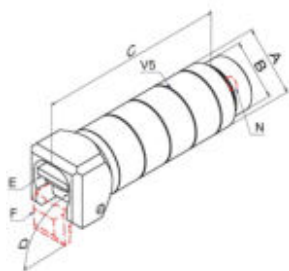
GFI-90-E-LF / Gripper Finger 90° Easy with long Finger



Desc.	Article Nr.	A	B	C	D	PU*
GFI-20-90-E-LF	1-65-02-46-00-GFI	20	M17 x1	72	90°	1

\*packing unit

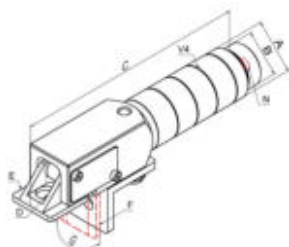
GFI-90-E-SI / Gripper Finger 90° Easy with Silicone Inlay



Desc.	Article Nr.	A	B	C	D	PU*
GFI-14-90-E-SI	1-65-00-18-00-GFI	14	M12 x1	51,5	-	1
GFI-20-90-E-SI	1-65-02-18-00-GFI	20	M17 x1	63	-	1

\*packing unit

GFI-DW-E / Gripper Finger Double Acting

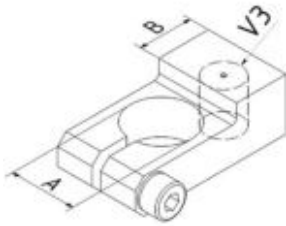


Desc.	Article Nr.	A	B	C	D	PU*
GFI-DW-20-90-E	1-65-08-16-00-GFI	20	M17 x1	100	-	1
GFI-DW-30-90-E	1-65-10-16-00-GFI	30	M27 x1	134	-	1

\*packing unit

## 68 Gripper finger accessories

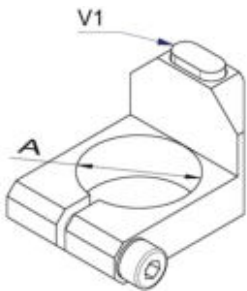
### GAS-90 / Gripper Finger Stop



Desc.	Article Nr.	A	B	C	D	PU*
GAS-14-90	1-68-00-02-00-GAS	14	11,5	4	-	1
GAS-20-90	1-68-02-02-00-GAS	20	16	5	-	1
GAS-30-90	1-68-04-02-00-GAS	30	20	2x5	-	1

\*packing unit

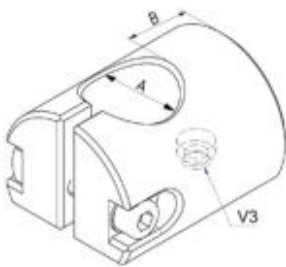
### GAS-90-SI / Gripper Finger Stop with Silicone Inlay



Desc.	Article Nr.	A	B	C	D	PU*
GAS-14-90-SI	1-68-00-04-00-GAS	14	-	-	-	1
GAS-20-90-SI	1-68-02-04-00-GAS	20	-	-	-	1

\*packing unit

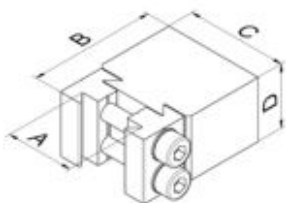
### GAS-MK / Gripper Finger Stop multi compatible



Desc.	Article Nr.	A	B	C	D	PU*
GAS-10-MK	1-68-08-08-00-GAS	10	11	4	-	1
GAS-14-MK	1-68-08-10-00-GAS	14	14	5	-	1
GAS-20-MK	1-68-08-12-00-GAS	20	17	5	-	1
GAS-30-MK	1-68-08-14-00-GAS	30	24	2x5	-	1

\*packing unit

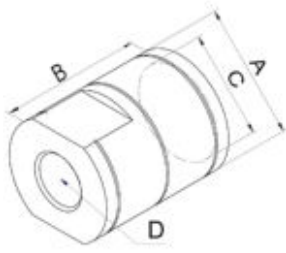
### AGP / Adapter Gripper Finger Prism



Desc.	Article Nr.	A	B	C	D	PU*
AGP-20-16-25	1-68-02-10-00-AGP	P13	25	20	15	1
AGP-30-20-40	1-68-04-10-00-AGP	P22	40	28	20	1

\*packing unit

VGF / Extension for Gripper Finger with Air connection

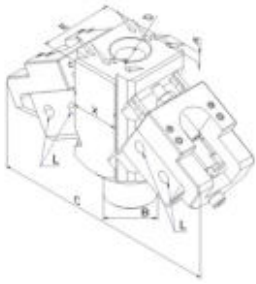


Desc.	Article Nr.	A	B	C	D	PU*
VGF-14-25-5	1-68-06-10-00-VGF	14	25	M12 x1	M5	1
VGF-20-25-18	1-68-06-16-00-VGF	20	25	M17 x1	G1/8	1
VGF-30-40-18	1-68-06-22-00-VGF	30	40	M27 x1	G1/8	1

\*packing unit

## 69 Special gripper

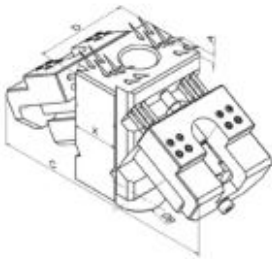
### NAG-8 / Needle Gripper with 8 Needles



Desc.	Article Nr.	A	B	C	D	PU*	
NAG-8-10	1-69-00-20-00-NAG	0-4	20	102	11,5	1	
NAG-8-20	1-69-00-22-00-NAG	0-9	20	118	11,5	1	

\*packing unit

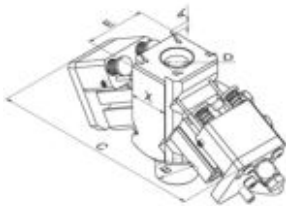
### NAG-16 / Needle Gripper with 16 Needles



Desc.	Article Nr.	A	B	C	D	PU*	
NAG-16-10	1-69-00-30-00-NAG	0-4	20	104	43	1	
NAG-16-20	1-69-00-32-00-NAG	0-9	20	121	43	1	

\*packing unit

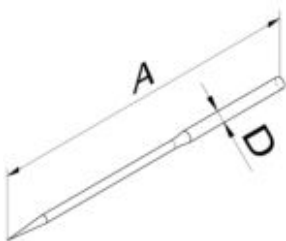
### NAG-D / Needle Gripper Double Stroke



Desc.	Article Nr.	A	B	C	D	PU*	
NAG-D-H	1-69-00-12-00-NAG	0-4	20	102	11,5	1	

\*packing unit

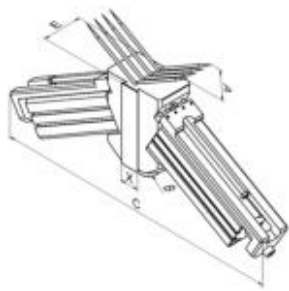
### NAD / Needle



Desc.	Article Nr.	A	B	C	D	PU*	
Nadel Ø2 NAD-2-59,5	1-69-00-10-19-NAD	59,5	-	-	2	10	
Nadel Ø2 NAD-2-47,5	1-69-00-20-19-NAD	47,5	-	-	2	10	

\*packing unit

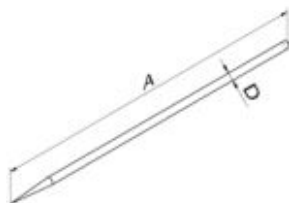
### NAG-8-GH / Needle Gripper Long Stroke



Desc.	Article Nr.	A	B	C	D	PU*	
NAG-8-75-GH	1-69-03-10-00-NAG	36	20	328	460	1	

\*packing unit

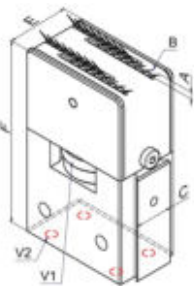
### NAD-GH / Needle for NAG-8-GH



Desc.	Article Nr.	A	B	C	D	PU*	
NAD-2.6-120-GH	1-69-03-11-00-NAD	120			2,6	1	

\*packing unit

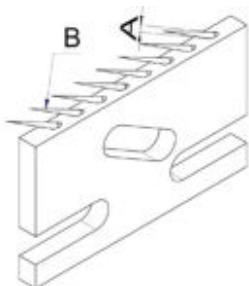
### NAG-S / Needle Gripper Small Version



Desc.	Article Nr.	A	B	C	D	PU*	
NAG-S-30	1-69-00-14-00-NAG	0-2,5	32	P13	35	1	

\*packing unit

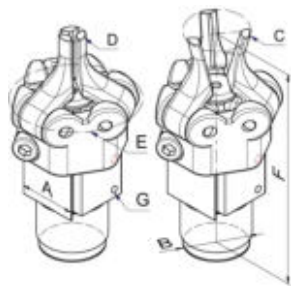
### NAD-S / Needle Beam



Desc.	Article Nr.	A	B	C	D	PU*	
NAD-S-0,6-8-30	1-69-00-15-00-NAD	0,6	8	30	-	4	

\*packing unit

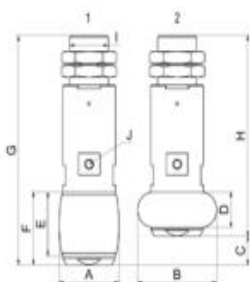
ING-D / Inside Gripper double acting



Desc.	Article Nr.	A	B	C	D	PU*
ING-D-8	1-69-50-08-00-ING	P22	P22	11	8	1
ING-D-10	1-69-50-11-00-ING	P22	P22	13	10	1
ING-D-12	1-69-50-14-00-ING	P22	P22	15	12	1
ING-D-14	1-69-50-18-00-ING	P22	P22	17	14	1
ING-D-16	1-69-50-22-00-ING	P22	P22	19	16	1

\*packing unit

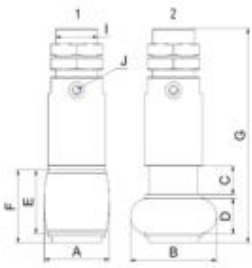
IBG-Z / Inside Bellow Gripper pulling



Desc.	Article Nr.	A	B	C	D	PU*
IBG-8-11-Z	1-69-00-20-10-IBG	8	11	3,5	3	1
IBG-10.5-14-Z	1-69-00-20-11-IBG	10,5	14	4	4	1
IBG-13-17-Z	1-69-00-20-12-IBG	13	17	5,5	5	1
IBG-15-19.5-Z	1-69-00-20-14-IBG	15	19,5	7	6	1
IBG-19.5-25-Z	1-69-00-20-16-IBG	19,5	25	7,5	9	1
IBG-24-31.5-Z	1-69-00-20-18-IBG	24	31,5	12	11	1
IBG-28-37-Z	1-69-00-20-22-IBG	28	37	12	14	1
IBG-34-45-Z	1-69-00-20-24-IBG	34	45	14,5	18	1
IBG-42-54-Z	1-69-00-20-26-IBG	42	54	15,5	24	1
IBG-54-68-Z	1-69-00-20-28-IBG	54	68	18	30	1
IBG-66-85-Z	1-69-00-20-29-IBG	66	85	25	36	1

\*packing unit

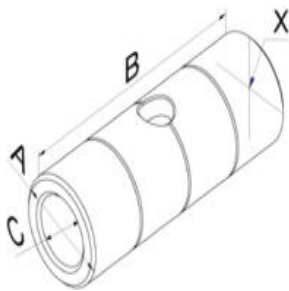
IBG-D / Inside Bellow Gripper pushing



Desc.	Article Nr.	A	B	C	D	PU*
IBG-8-11-D	1-69-00-20-30-IBG	8	11	3,5	3	1
IBG-10.5-14-D	1-69-00-20-31-IBG	10,5	14	4	4	1
IBG-13-17-D	1-69-00-20-32-IBG	13	17	5,5	5	1
IBG-15-19.5-D	1-69-00-20-34-IBG	15	19,5	7	6	1
IBG-19.5-25-D	1-69-00-20-36-IBG	19,5	25	7,5	9	1
IBG-24-31.5-D	1-69-00-20-38-IBG	24	31,5	12	11	1
IBG-28-37-D	1-69-00-20-42-IBG	28	37	12	14	1
IBG-34-45-D	1-69-00-20-44-IBG	34	45	14,5	18	1
IBG-42-54-D	1-69-00-20-46-IBG	42	54	15,5	24	1
IBG-54-68-D	1-69-00-20-48-IBG	54	68	18	30	1
IBG-66-85-D	1-69-00-20-50-IBG	66	85	25	36	1

\*packing unit

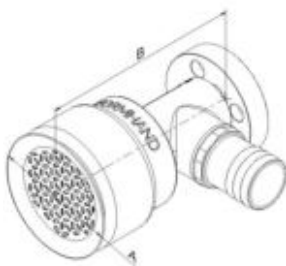
VIG / extension Inside Bellow Gripper



Desc.	Article Nr.	A	B	C	D	PU*
VIG-14-40-10	1-69-00-22-10-VIG	14	40	M10 x1	-	1
VIG-14-40-12	1-69-00-22-14-VIG	14	40	M12 x1	-	1
VIG-20-50-14	1-69-00-22-18-VIG	20	50	M14 x1	-	1
VIG-20-50-16	1-69-00-22-22-VIG	20	50	M16 x1	-	1
VIG-30-60-22	1-69-00-22-26-VIG	30	60	M22 x1.5	-	1
VIG-30-60-26	1-69-00-22-30-VIG	30	60	M26 x1.5	-	1

\*packing unit

GKI-80-RD / Gripper Cushion Ø80



Desc.	Article Nr.	A	B	C	D	PU*
GKI-80-RD	1-69-94-10-00-GKI	Ø80	141	40	20N	1

\*packing unit

GKI-150-RD / Gripper Cushion Ø150



Desc.	Article Nr.	A	B	C	D	PU*
GKI-150-RD	1-69-94-14-00-GKI	Ø150	179	65	80N	1

\*packing unit

GKI-300-200-RE / Gripper Cushion □300x200



Desc.	Article Nr.	A	B	C	D	PU*
GKI-300-200-RE	1-69-94-30-00-GKI	300	200	154	126	1

\*packing unit

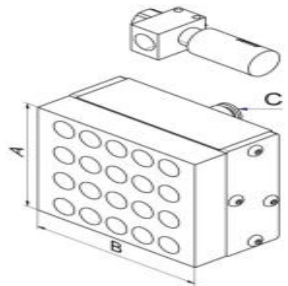
GKI-80-RD-V-P22 / Gripper Cushion



Desc.	Article Nr.	A	B	C	D	PU*
GKI-80-RD-V-P22	1-69-94-20-00-GKI	Ø80		40	20N	1

\*packing unit

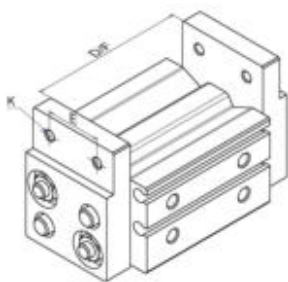
FLG / surface gripper



Desc.	Article Nr.	A	B	C	D	PU*
FLG-80-90-8	1-69-10-10-00-FLG	80	90	8	-	1

\*packing unit

GHG-LC / Parallel Gripper big

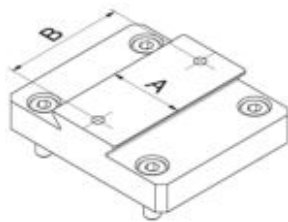


Desc.	Article Nr.	A	B	C	D	PU*
GHG-10-20-LC	1-69-98-10-00-GHG	20	10	M5	76	1
GHG-20-40-LC	1-69-98-16-00-GHG	40	20	M5	119	1

\*packing unit



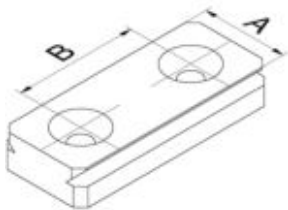
ADO-GHG-P / Adapterplate On Top for Parallel Gripper big



Desc.	Article Nr.	A	B	C	D	PU*	
ADO-GHG-10-20-P22	1-69-99-10-00-ADO	P22	34			1	
ADO-GHG-20-40-P22	1-69-99-16-00-ADO	P22	52	-	-	1	

\*packing unit

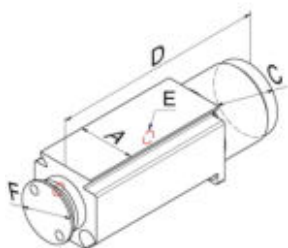
ADS-GHG-P / Adapterplate Lateral for Parallelgripper big



Desc.	Article Nr.	A	B	C	D	PU*	
ADS-GHG-10-20-P22	1-69-99-11-00-ADS	P22	30			1	
ADS-GHG-20-40-P22	1-69-99-17-00-ADS	P22	40	-	-	1	

\*packing unit

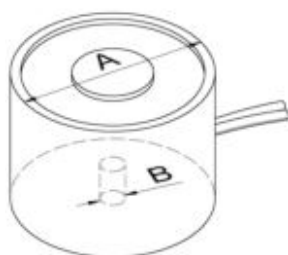
MGR-P / Magnet Gripper Pneumatic



Desc.	Article Nr.	A	B	C	D	PU*	
MGR-P-10-P13	1-80-50-38-00-MGR	P13	10	15	70	1	
MGR-P-16-P22	1-80-50-42-00-MGR	P22	16	24	70	1	

\*packing unit

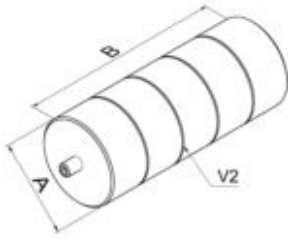
MGR-E / Magnet Gripper Electrical



Desc.	Article Nr.	A	B	C	D	PU*	
MGR-E-20	1-80-50-10-00-MGR	20	M3	-	-	1	
MGR-E-30	1-80-50-12-00-MGR	30	M4	-	-	1	

\*packing unit

AMG / Adapter Magnet Gripper

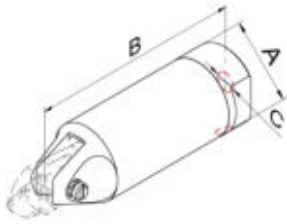


Desc.	Article Nr.	A	B	C	D	PU*	
AMG-20-50	1-80-50-20-00-AMG	20	50	-	-	1	
AMG-30-80	1-80-50-22-00-AMG	30	80	-	-	1	

\*packing unit

## 70 Sprue cutters

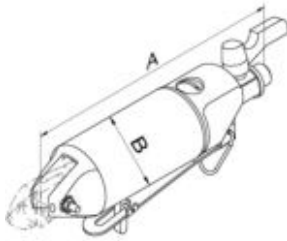
### ANS / Sprue Cutter (Body)



Desc.	Article Nr.	A	B	C	D	PU*
ANS-03	1-70-10-02-00-ANS	23	110	G1/8	188N	1
ANS-05	1-70-10-04-00-ANS	30	95	G1/8	271N	1
ANS-07	1-70-10-06-00-ANS	34	114	G1/8	369N	1
ANS-10	1-70-10-08-00-ANS	36	106	G1/8	420N	1
ANS-20	1-70-10-10-00-ANS	45	130	G1/8	680N	1
ANS-30	1-70-12-10-00-ANS	56	165	G1/8	1000 N	1
ANS-50	1-70-14-10-00-ANS	75	170	G1/4	2000 N	1

\*packing unit

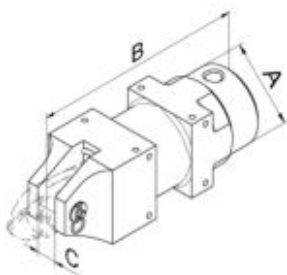
### ANS-H / Sprue Cutter Manual (Body)



Desc.	Article Nr.	A	B	C	D	PU*
ANS-10-H	1-70-08-90-00-ANS	132	34	-	-	1
ANS-20-H	1-70-10-90-00-ANS	192	45	-	-	1
ANS-30-H	1-70-12-90-00-ANS	230	56	-	-	1
ANS-50-H	1-70-14-90-00-ANS	230	75	-	-	1

\*packing unit

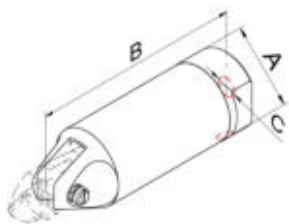
### ANS-Q / Sprue Cutter Square (Body)



Desc.	Article Nr.	A	B	C	D	PU*
ANS-Q-3	1-70-51-10-00-ANS	23	110	7	-	1
ANS-Q-5	1-70-51-12-00-ANS	30	94	7	-	1
ANS-Q-7	1-70-51-14-00-ANS	36	114	9	-	1
ANS-Q-10	1-70-51-16-00-ANS	36	114	12	-	1
ANS-Q-20	1-70-51-18-00-ANS	45	129	12	-	1
ANS-Q-30	1-70-51-20-00-ANS	56	171	17	-	1

\*packing unit

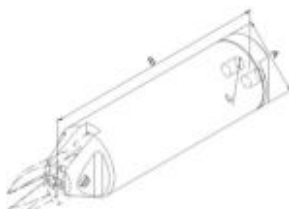
ANS-VA / Sprue Cutter stainless steel (Body)



Desc.	Article Nr.	A	B	C	D	PU*
ANS-20-VA	1-70-11-10-00-ANS	45	130	G1/8	-	1

\*packing unit

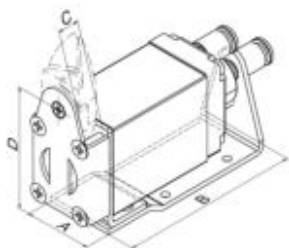
ANS-DW / Sprue Cutter double acting (Body)



Desc.	Article Nr.	A	B	C	D	PU*
ANS-20-DW	1-70-20-10-00-ANS	45	174,5	G1/8 "	1370 N	1
ANS-30-DW	1-70-20-12-00-ANS	56	229,5	G1/4 "	2744 N	1

\*packing unit

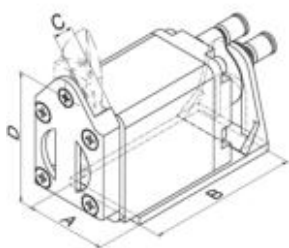
ANS-WH-E / Sprue Cutter Angle Stroke Easy



Desc.	Article Nr.	A	B	C	D	PU*
ANS-WH-10-E	1-70-50-10-00-ANS	28	83	7	51	1
ANS-WH-25-E	1-70-50-16-00-ANS	42	108	10	68	1

\*packing unit

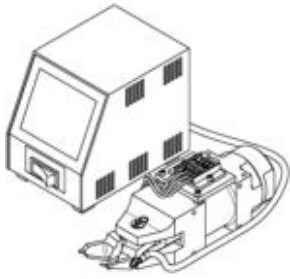
ANS-WH-P / Sprue Cutter Angle Stroke Precision



Desc.	Article Nr.	A	B	C	D	PU*
ANS-WH-10-P	1-70-52-10-00-ANS	30	83	7	55	1
ANS-WH-25-P	1-70-52-16-00-ANS	44	104	10	72	1

\*packing unit

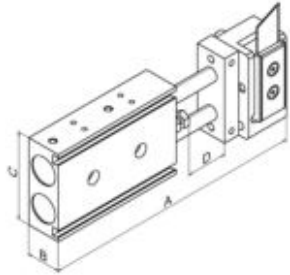
ASB / Sprue cutting unit heated



Desc.	Article Nr.	A	B	C	D	PU*	
ASB-30	1-72-50-00-00-ASB	-	-	-	-	1	

\*packing unit

ASM / Sprue cutting unit Knife

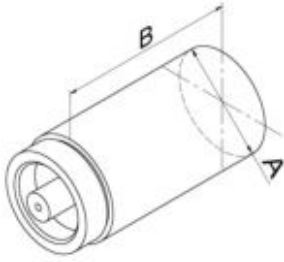


Desc.	Article Nr.	A	B	C	D	PU*	
ASM-16-30	1-72-00-10-00-ASM	152	25	64	30	1	

\*packing unit

## 72 Sprue cutters accessories

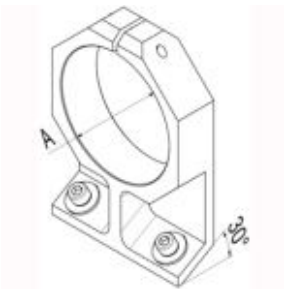
### ANS-V / Sprue Cutter Booster



Desc.	Article Nr.	A	B	C	D	PU*
ANS-20-V	1-70-10-20-00-ANS	45	87	-	1250 N	1
ANS-30-V	1-70-10-22-00-ANS	56	92	-	1800 N	1
ANS-50-V	1-70-10-24-00-ANS	75	133	-	3800 N	1

\*packing unit

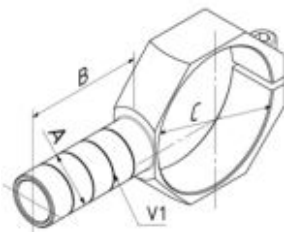
### ASH / Sprue cutting holder



Desc.	Article Nr.	A	B	C	D	PU*
ASH-20	1-71-10-04-00-ASH	45	-	-	-	1
ASH-30	1-71-10-06-00-ASH	56	-	-	-	1
ASH-50	1-71-10-08-00-ASH	75	-	-	-	1

\*packing unit

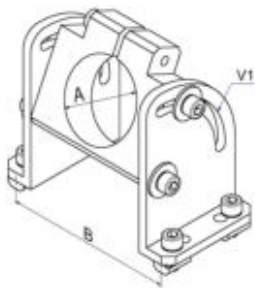
### AAS / Adapter for Sprue Cutter ANS



Desc.	Article Nr.	A	B	C	D	PU*
AAS-03	1-70-02-50-00-AAS	14	30	23	-	1
AAS-05	1-70-04-50-00-AAS	14	40	30	-	1
AAS-07	1-70-06-50-00-AAS	14	40	34	-	1
AAS-10	1-70-08-50-00-AAS	20	40	36	-	1
AAS-20	1-70-10-50-00-AAS	20	50	45	-	1
AAS-30	1-70-12-50-00-AAS	20	50	56	-	1
AAS-50	1-70-14-50-00-AAS	20	50	75	-	1

\*packing unit

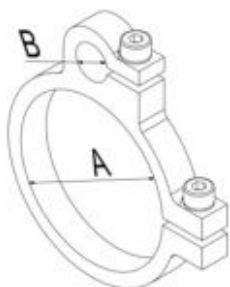
SBA / Swing clamb sprue cutter



Desc.	Article Nr.	A	B	C	D	PU*
SBA-20	1-71-20-04-00-SBA	45	98	-	-	1
SBA-30	1-71-20-06-00-SBA	56	115	-	-	1

\*packing unit

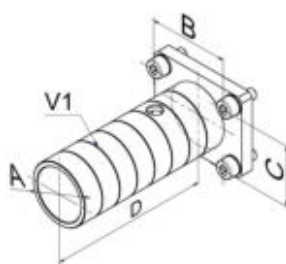
KSA / Clamp for Sprue Cutter ANS



Desc.	Article Nr.	A	B	C	D	PU*
KSA-36-10	1-71-00-02-00-KSA	36	10	-	-	1
KSA-45-10	1-71-00-04-00-KSA	45	10	-	-	1
KSA-56-10	1-71-00-06-00-KSA	56	10	-	-	1
KSA-75-10	1-71-00-08-00-KSA	75	10	-	-	1
KSA-56-14	1-71-00-16-00-KSA	56	14	-	-	1

\*packing unit

AAS-WH / Adapter Sprue Cutter for ANS-WH



Desc.	Article Nr.	A	B	C	D	PU*
AAS-WH-10-20-50	1-70-50-50-00-AAS	20	30	20	50	1
AAS-WH-25-30-80	1-70-50-56-00-AAS	30	40	30	80	1

\*packing unit

SZS / Dirt Protection for Sprue Cutter



Desc.	Article Nr.	A	B	C	D	PU*
SZS-20	1-71-22-10-00-SZS					1
SZS-30	1-71-22-12-00-SZS					1

\*packing unit

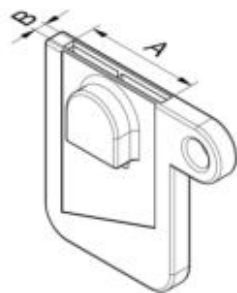
SIS-SZE / Safety Cap for Sprue Cutter Blade



Desc.	Article Nr.	A	B	C	D	PU*	
SIS-SZE-S	1-75-90-20-00-SIS					1	
SIS-SZE-M	1-75-90-26-00-SIS					1	
SIS-SZE-L	1-75-90-32-00-SIS					1	

\*packing unit

SIM / Safety cover for knife



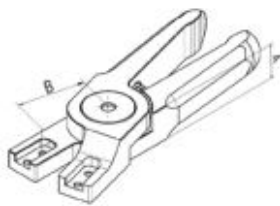
Desc.	Article Nr.	A	B	C	D	PU*	
SIM-ASM-16-30-M	1-72-00-90-00-SIM	21	2,2	-	-	1	

\*packing unit



## 75 Blade sprue cutters

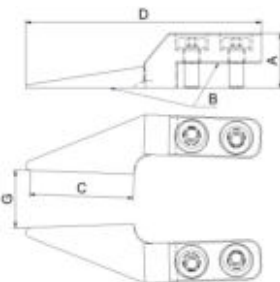
SZE-AS-K / Sprue Cutter Basic Body for various blades



Desc.	Article Nr.	A	B	C	D	PU*
SZE-AS-30-K	1-75-20-10-00-SZE	17	31			1

\*packing unit

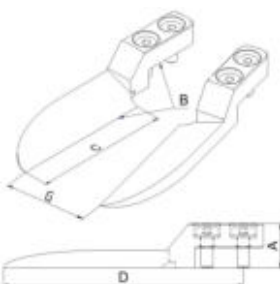
SZE-AS-0°-S / Sprue Cutter Basic Body Blades for SZE-AS-K with cutting blades 0°



Desc.	Article Nr.	A	B	C	D	PU*
SZE-AS-0°-27-S	1-75-22-30-00-SZE	11	0°	27	45	1

\*packing unit

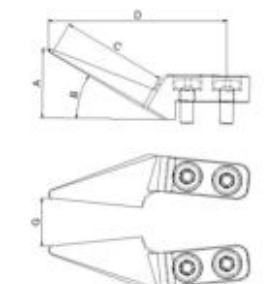
SZE-AS-0°-G-S / Sprue Cutter Basic Body Blades for SZE-AS-K with rounded tips



Desc.	Article Nr.	A	B	C	D	PU*
SZE-AS-0°-40-G-S	1-75-22-32-00-SZE	11	0°	39,5	59,5	1

\*packing unit

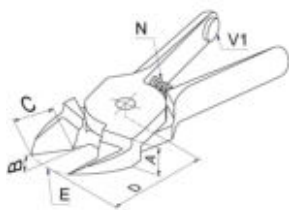
SZE-AS-X°-S / Sprue Cutter Basic Body Blades for SZE-AS-K with cutting blades angularly



Desc.	Article Nr.	A	B	C	D	PU*
SZE-AS-0°-27-S	1-75-22-30-00-SZE	11	0°	27	45	1
SZE-AS-15°-21-S	1-75-24-50-00-SZE	10	15°	21	40	1
SZE-AS-30°-23-S	1-75-24-52-00-SZE	10	30°	23	40,5	1

\*packing unit

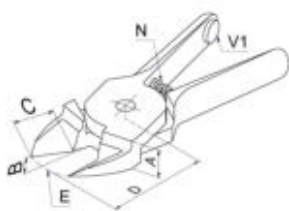
## SZE / Sprue Cutter Blades



Desc.	Article Nr.	A	B	C	D	PU*
SZE-03-15-11	1-75-02-04-00-SZE	7	15	11	24	1
SZE-05-15-11	1-75-02-08-00-SZE	7	15	11	24	1
SZE-07-30-11	1-75-02-12-00-SZE	9	30	11	25	1
SZE-10-15-16	1-75-02-16-00-SZE	12	15	16	35	1
SZE-10-30-11	1-75-02-20-00-SZE	9	30	11	27,5	1
SZE-10-40-13	1-75-02-24-00-SZE	12	40	13	37	1
SZE-20-15-16	1-75-02-28-00-SZE	12	15	16	36	1
SZE-20-23-25	1-75-02-30-00-SZE	12	23	25	45	1
SZE-20-40-14	1-75-02-32-00-SZE	12	40	14	35	1
SZE-30-30-26	1-75-02-36-00-SZE	17	30	26	58	1

\*packing unit

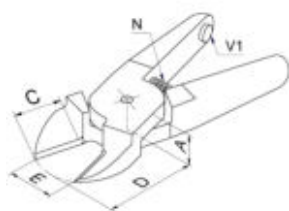
## SZE-H / Sprue Cutters Blades Carbide Metal



Desc.	Article Nr.	A	B	C	D	PU*
SZE-30-40-18-H	1-75-02-90-00-SZE	17	40	18	36	1

\*packing unit

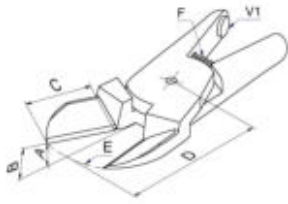
## SZE-X-0-X / Sprue Cutters Blades 0°



Desc.	Article Nr.	A	B	C	D	PU*
SZE-05-0-36-15	1-75-12-04-00-SZE	7	0°	15,5	36	1
SZE-07-0-47-21	1-75-12-08-00-SZE	9	0°	21	47	1
SZE-20-0-35-20	1-75-12-12-00-SZE	12	0°	18,5	35	1
SZE-30-0-52-28	1-75-12-16-00-SZE	17	0°	29	52	1
SZE-30-0-65-41	1-75-12-18-00-SZE	17	0°	41	65	1
SZE-30-0-75-25	1-75-12-20-00-SZE	17	0°	25	75	1

\*packing unit

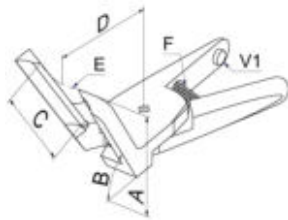
SZE-X-0-X-X / Sprue Cutter Blade Long



Desc.	Article Nr.	A	B	C	D	PU*
SZE-10-15-35	1-75-04-04-00-SZE	6	15°	35	61	1
SZE-20-40-27	1-75-04-08-00-SZE	25	40°	27	51	1
SZE-30-15-38	1-75-04-09-00-SZE	16,5	15°	41	66	1
SZE-30-30-50	1-75-04-10-00-SZE	25	30°	50	75	1
SZE-30-40-50-76	1-75-04-12-00-SZE	38	40°	50	76	1
SZE-30-60-32	1-75-04-16-00-SZE	43	60°	47	60	1

\*packing unit

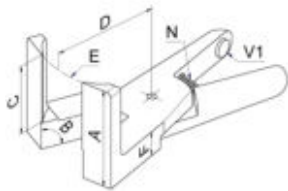
SZE-X-0-X-X-R / Sprue Cutter Blade X° cutting rearward



Desc.	Article Nr.	A	B	C	D	PU*
SZE-20-60-40-R	1-75-06-04-00-SZE	48	60°	40	50	1
SZE-30-30-44-R	1-75-06-06-00-SZE	31	30°	44	77	1
SZE-30-60-37-R	1-75-06-08-00-SZE	48	60°	44	56	1

\*packing unit

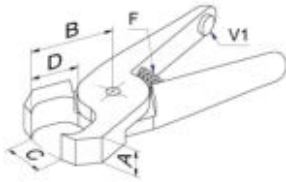
SZE-X-90-X / Sprue Cutter Blade 90°



Desc.	Article Nr.	A	B	C	D	PU*
SZE-20-90-18	1-75-08-02-00-SZE	32	90°	18	45	1
SZE-20-90-34	1-75-08-04-00-SZE	48	90°	34	50	1
SZE-30-90-41	1-75-08-08-00-SZE	60	90°	41	65	1

\*packing unit

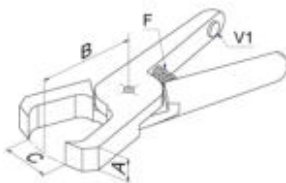
SZE-X-180-X / Sprue Cutters Blades 180° to pinch



Desc.	Article Nr.	A	B	C	D	PU*
SZE-03-180-7	1-75-14-04-00-SZE	7	20	3,5	-	1
SZE-05-180-7	1-75-14-08-00-SZE	7	20	3,5	-	1
SZE-07-180-9-15	1-75-14-12-00-SZE	9	26	4	15	1
SZE-10-180-12	1-75-14-16-00-SZE	12	28	5	-	1
SZE-20-180-12	1-75-14-20-00-SZE	12	28	8	-	1
SZE-30-180-17-28	1-75-14-28-00-SZE	17	45	12	28	1

\*packing unit

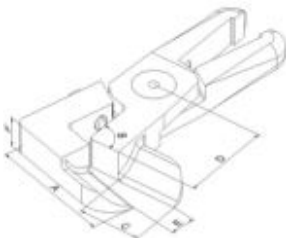
SZE-X-180-X-L / Sprue Cutters Blades 180° to pinch long



Desc.	Article Nr.	A	B	C	D	PU*
SZE-20-180-12-L	1-75-14-24-00-SZE	12	48	12,5	-	1
SZE-30-180-17-L	1-75-14-32-00-SZE	17	93	22 (42)	-	1

\*packing unit

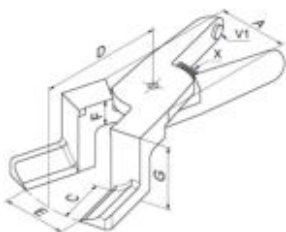
SZE-Q-X-90-X / Sprue Cutter Blade Z-shape



Desc.	Article Nr.	A	B	C	D	PU*
SZE-Q-20-90-41-27	1-75-10-50-00-SZE	55	90°	27	55	1
SZE-Q-30-90-39-36	1-75-10-52-00-SZE	68	90°	36	55	1

\*packing unit

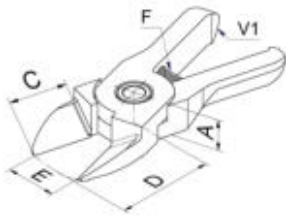
SZE-Z-X-0-X / Sprue Cutter Blade Across



Desc.	Article Nr.	A	B	C	D	PU*
SZE-Z-20-0-60-23	1-75-10-40-00-SZE	28	0°	23	60	1
SZE-Z-30-0-81-32	1-75-10-42-00-SZE	32	0°	32	81	1

\*packing unit

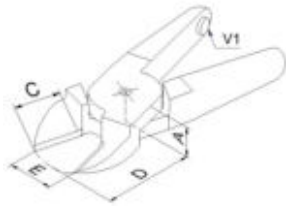
SZE-X-00-X / Sprue Cutters Blades 0°



Desc.	Article Nr.	A	B	C	D	PU*	
SZE-10-00-12	1-75-00-50-00-SZE	7	0°	12	24	1	
SZE-25-00-17	1-75-00-56-00-SZE	10	0°	17	31	1	

\*packing unit

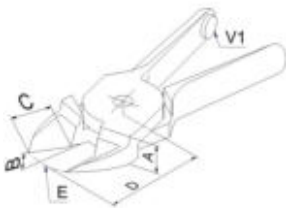
SZE-DW / Sprue Cutter Blades for double-acting ANS-DW



Desc.	Article Nr.	A	B	C	D	PU*	
SZE-20-0-40-21-DW	1-75-30-20-00-SZE	12	0°	21,5	40	1	
SZE-30-0-55-30-DW	1-75-30-24-00-SZE	17	0°	29,5	55	1	

\*packing unit

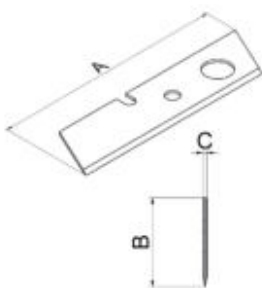
SZE-H-DW / Sprue Cutter Blade Carbide Metal for double-acting ANS-DW



Desc.	Article Nr.	A	B	C	D	PU*	
SZE-20-0-40-21-H-DW	1-75-30-30-00-SZE	12	0°	21,5	40	1	
SZE-30-0-55-30-H-DW	1-75-30-34-00-SZE	17	0°	29,5	55	1	

\*packing unit

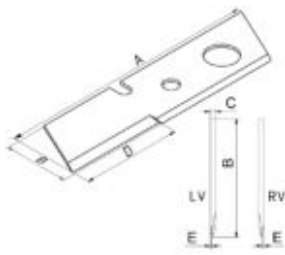
ASM-MK / Knife - Sprue cutting unit



Desc.	Article Nr.	A	B	C	D	PU*	
ASM-16-30-MK-75	1-72-00-10-20-ASM	75	18,8	0,8	-	1	
ASM-16-30-MK-110	1-72-00-10-22-ASM	110	18,8	0,8	-	1	
ASM-16-30-MK-175	1-72-00-10-24-ASM	175	18,8	0,8	-	1	

\*packing unit

ASM-MK-SS / Knife - Sprue Cutting Unit with Special Grinding



Desc.	Article Nr.	A	B	C	D	PU*	
ASM-MK-SS-75-29-LV	1-72-00-12-00-ASM	75	18,8	0,8	29	1	
ASM-MK-SS-75-29-RV	1-72-00-14-00-ASM	75	18,8	0,8	29	1	
ASM-MK-SS-110-29-LV	1-72-00-20-00-ASM	110	18,8	0,8	29	1	
ASM-MK-SS-110-29-RV	1-72-00-22-00-ASM	110	18,8	0,8	29	1	

\*packing unit

## 80 Special elements

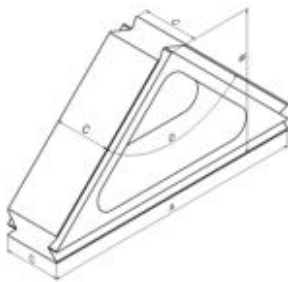
### APL-P / Adapterplate Prism



Desc.	Article Nr.	A	B	C	D	PU*	
APL-P13-40-100	1-80-60-10-00-APL	P13	40	100	6	1	
APL-P22-60-120	1-80-60-12-00-APL	P22	60	120	8	1	

\*packing unit

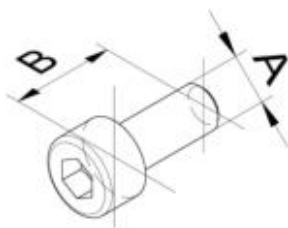
### WIK-P / Angle Bracket with Prism



Desc.	Article Nr.	A	B	C	D	PU*	
WIK-2-100-P22	1-80-10-10-00-WIK	100	54	P22	90°	1	

\*packing unit

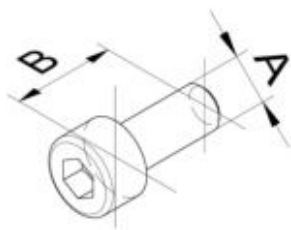
### ZKS-4 / Cylinder Head Screw M4



Desc.	Article Nr.	A	B	C	D	PU*	
ZKS-M4-06	1-80-00-10-00-ZKS	M4	6	-	-	20	
ZKS-M4-08	1-80-00-10-01-ZKS	M4	8	-	-	20	
ZKS-M4-10	1-80-00-10-02-ZKS	M4	10	-	-	20	
ZKS-M4-12	1-80-00-10-03-ZKS	M4	12	-	-	20	
ZKS-M4-14	1-80-00-10-04-ZKS	M4	14	-	-	20	
ZKS-M4-16	1-80-00-10-05-ZKS	M4	16	-	-	20	
ZKS-M4-18	1-80-00-10-06-ZKS	M4	18	-	-	20	
ZKS-M4-20	1-80-00-10-07-ZKS	M4	20	-	-	20	
ZKS-M4-25	1-80-00-10-08-ZKS	M4	25	-	-	20	
ZKS-M4-30	1-80-00-10-09-ZKS	M4	30	-	-	20	
ZKS-M4-35	1-80-00-10-10-ZKS	M4	35	-	-	20	
ZKS-M4-40	1-80-00-10-11-ZKS	M4	40	-	-	20	
ZKS-M4-45	1-80-00-10-12-ZKS	M4	45	-	-	20	
ZKS-M4-50	1-80-00-10-13-ZKS	M4	50	-	-	20	
ZKS-M4-22	1-80-00-10-30-ZKS	M4	22	-	-	20	

\*packing unit

ZKS-5 / Cylinder Head Screw M5

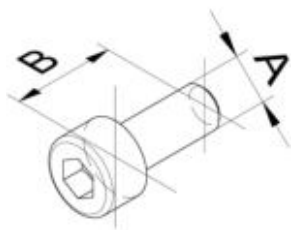


Desc.	Article Nr.	A	B	C	D	PU*
ZKS-M5-06	1-80-00-11-00-ZKS	M5	6	-	-	20
ZKS-M5-08	1-80-00-11-01-ZKS	M5	8	-	-	20
ZKS-M5-10	1-80-00-11-02-ZKS	M5	10	-	-	20
ZKS-M5-12 verzinkt	1-80-00-11-03-ZKS	M5	12	-	-	20
ZKS-M5-14	1-80-00-11-04-ZKS	M5	14	-	-	20
ZKS-M5-16	1-80-00-11-05-ZKS	M5	16	-	-	20
ZKS-M5-18	1-80-00-11-06-ZKS	M5	18	-	-	20
ZKS-M5-20	1-80-00-11-07-ZKS	M5	20	-	-	20
ZKS-M5-22	1-80-00-11-08-ZKS	M5	22	-	-	20
ZKS-M5-25	1-80-00-11-09-ZKS	M5	25	-	-	20
ZKS-M5-30	1-80-00-11-10-ZKS	M5	30	-	-	20
ZKS-M5-35	1-80-00-11-11-ZKS	M5	35	-	-	20
ZKS-M5-40	1-80-00-11-12-ZKS	M5	40	-	-	20
ZKS-M5-45	1-80-00-11-13-ZKS	M5	45	-	-	20
ZKS-M5-50	1-80-00-11-14-ZKS	M5	50	-	-	20
ZKS-M5-55	1-80-00-11-15-ZKS	M5	55	-	-	20
ZKS-M5-60	1-80-00-11-16-ZKS	M5	60	-	-	20
ZKS-M5-65	1-80-00-11-17-ZKS	M5	65	-	-	20
ZKS-M5-70	1-80-00-11-18-ZKS	M5	70	-	-	20
ZKS-M5-80	1-80-00-11-20-ZKS	M5	80	-	-	20
ZKS-M5-90	1-80-00-11-22-ZKS	M5	90	-	-	20
ZKS-M5-100	1-80-00-11-24-ZKS	M5	100	-	-	20
ZKS-M5-110	1-80-00-11-26-ZKS	M5	110	-	-	20
ZKS-M5-120	1-80-00-11-28-ZKS	M5	120	-	-	20

\*packing unit



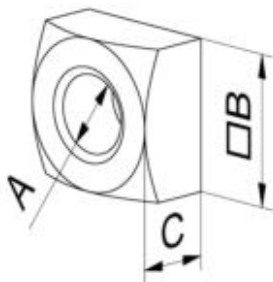
ZKS-6 / Cylinder Head Screw M6



Desc.	Article Nr.	A	B	C	D	PU*
ZKS-M6-08	1-80-00-12-00-ZKS	M6	8	-	-	20
ZKS-M6-10	1-80-00-12-01-ZKS	M6	10	-	-	20
ZKS-M6-12	1-80-00-12-02-ZKS	M6	12	-	-	20
ZKS-M6-14	1-80-00-12-03-ZKS	M6	14	-	-	20
ZKS-M6-16	1-80-00-12-04-ZKS	M6	16	-	-	20
ZKS-M6-18	1-80-00-12-05-ZKS	M6	18	-	-	20
ZKS-M6-20	1-80-00-12-06-ZKS	M6	20	-	-	20
ZKS-M6-22	1-80-00-12-07-ZKS	M6	22	-	-	20
ZKS-M6-25	1-80-00-12-08-ZKS	M6	25	-	-	20
ZKS-M6-30	1-80-00-12-09-ZKS	M6	30	-	-	20
ZKS-M6-35	1-80-00-12-10-ZKS	M6	35	-	-	20
ZKS-M6-40	1-80-00-12-11-ZKS	M6	40	-	-	20
ZKS-M6-45	1-80-00-12-12-ZKS	M6	45	-	-	20
ZKS-M6-50	1-80-00-12-14-ZKS	M6	50	-	-	20

\*packing unit

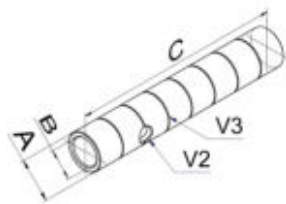
VKM / Square nut



Desc.	Article Nr.	A	B	C	D	PU*
VKM-M4-7-7-3.2	1-80-00-10-95-VKM	M4	7	3,2	-	20
VKM-M5-8-8-4	1-80-00-11-95-VKM	M5	8	4	-	20
VKM-M5-9-9-4	1-80-00-11-96-VKM	M5	9	4	-	20
VKM-M6-10-10-5	1-80-00-12-95-VKM	M6	10	5	-	20

\*packing unit

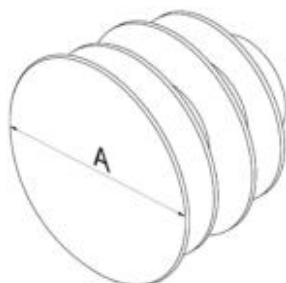
VLR / Extension Tube



Desc.	Article Nr.	A	B	C	D	PU*
VLR-10-30-A	1-80-41-00-00-VLR	10	M8x 1	30	-	1
VLR-10-60-A	1-80-41-02-00-VLR	10	M8x 1	60	-	1
VLR-10-90-A	1-80-41-04-00-VLR	10	M8x 1	90	-	1
VLR-14-40-A	1-80-41-06-00-VLR	14	M12 x1	40	-	1
VLR-14-80-A	1-80-41-08-00-VLR	14	M12 x1	80	-	1
VLR-14-120-A	1-80-41-10-00-VLR	14	M12 x1	120	-	1
VLR-20-50-A	1-80-41-12-00-VLR	20	M17 x1	50	-	1
VLR-20-100-A	1-80-41-14-00-VLR	20	M17 x1	100	-	1
VLR-20-250-A	1-80-41-16-00-003	20	M17 x1	250	-	1
VLR-20-150-A	1-80-41-16-00-VLR	20	M17 x1	150	-	1
VLR-20-1000-A	1-80-41-17-00-VLR	20	-	1000	-	1
VLR-30-80-S	1-80-41-18-00-VLR	30	M27 x1	80	-	1
VLR-30-200-S	1-80-41-22-00-VLR	30	M27 x1	200	-	1
VLR-30-80-A	1-80-41-30-00-VLR	30	M27 x1	80	-	1
VLR-30-140-A	1-80-41-32-00-VLR	30	M27 x1	140	-	1
VLR-30-200-A	1-80-41-34-00-VLR	30	M27 x1	200	-	1

\*packing unit

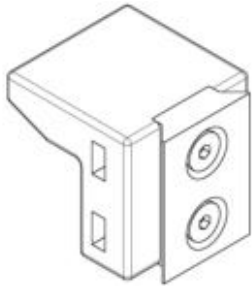
RVS / Tube Plug



Desc.	Article Nr.	A	B	C	D	PU*
RVS-10	1-80-43-02-00-RVS	10	-	-	-	10
RVS-14	1-80-43-04-00-RVS	14	-	-	-	10
RVS-20	1-80-43-06-00-RVS	20	-	-	-	10
RVS-30	1-80-43-08-00-RVS	30	-	-	-	10

\*packing unit

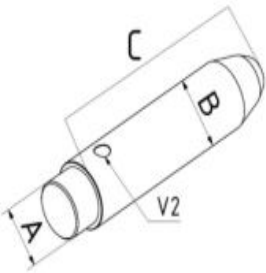
### ZES-P / Centring Piece with Prism



Desc.	Article Nr.	A	B	C	D	PU*
ZES-P13-20-20-20	1-80-53-10-00-ZES					1
ZES-P22-30-30-30	1-80-53-14-00-ZES					1

\*packing unit

### ZEB / Centering Pin



Desc.	Article Nr.	A	B	C	D	PU*
ZEB-10-40	1-80-41-40-00-ZEB	M8x1	10	40	-	1
ZEB-14-60	1-80-41-42-00-ZEB	M12x1	14	60	-	1
ZEB-20-80	1-80-41-44-00-ZEB	M17x1	20	80	-	1
ZEB-30-90 Sale	1-80-41-46-00-999	M27x1	30	90	-	1
ZEB-30-100	1-80-41-46-00-ZEB	M27x1	30	100	-	1

\*packing unit

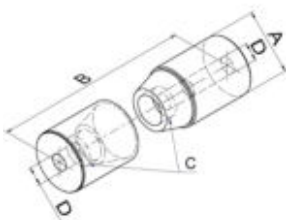
### ZHI / Centering Aid



Desc.	Article Nr.	A	B	C	D	PU*
ZHI-40-40	1-80-53-40-00-ZHI	40	40			1

\*packing unit

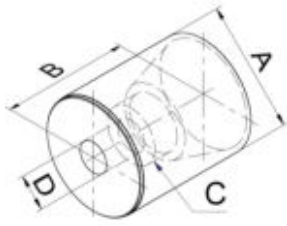
### ZEH / Centering Unit



Desc.	Article Nr.	A	B	C	D	PU*
ZEH-14	1-80-41-60-00-ZEH	14	34	M4	M5	1
ZEH-20	1-80-41-62-00-ZEH	20	54	M6	M8	1
ZEH-30	1-80-41-64-00-ZEH	30	72	M8	M10	1

\*packing unit

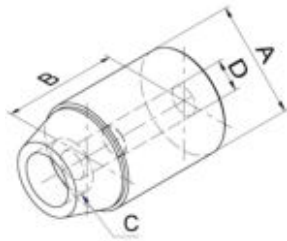
### ZEH-W / Centering Female



Desc.	Article Nr.	A	B	C	D	PU*
ZEH-14-W	1-80-41-68-00-ZEH	14	16,5	M4	M5	1
ZEH-20-W	1-80-41-72-00-ZEH	20	26	M6	M8	1
ZEH-30-W	1-80-41-76-00-ZEH	30	35	M8	M10	1

\*packing unit

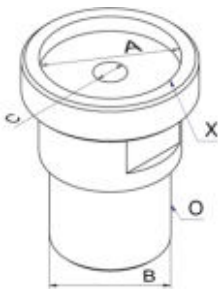
### ZEH-M / Centering Male



Desc.	Article Nr.	A	B	C	D	PU*
ZEH-14-M	1-80-41-70-00-ZEH	14	16,5	M4	M5	1
ZEH-20-M	1-80-41-74-00-ZEH	20	26	M6	M8	1
ZEH-30-M	1-80-41-78-00-ZEH	30	35	M8	M10	1

\*packing unit

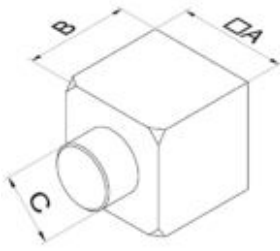
### HZE-ZEH / Holder Centering Unit



Desc.	Article Nr.	A	B	C	D	PU*
HZE-ZEH-12	1-80-47-09-00-HZE	12	M12 x1	M3	-	1
HZE-ZEH-14	1-80-47-10-00-HZE	14	M12 x1	M4	-	1
HZE-ZEH-16	1-80-47-11-00-HZE	16	M12 x1	M4	-	1
HZE-ZEH-20	1-80-47-12-00-HZE	20	M17 x1	M6		1
HZE-ZEH-25	1-80-47-13-00-HZE	25	M17 x1	M8		1
HZE-ZEH-30	1-80-47-14-00-HZE	30	M27 x1	M8		1

\*packing unit

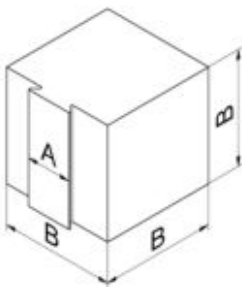
### ZER / Centering Baseplate



Desc.	Article Nr.	A	B	C	D	PU*	
ZER-10-20-20	1-80-41-80-00-ZER	20	20	M8x1	-	1	
ZER-14-25-25	1-80-41-81-00-ZER	25	25	M12x1	-	1	
ZER-20-30-30	1-80-41-82-00-ZER	30	30	M17x1	-	1	
ZER-30-40-40	1-80-41-83-00-ZER	40	40	M27x1	-	1	

\*packing unit

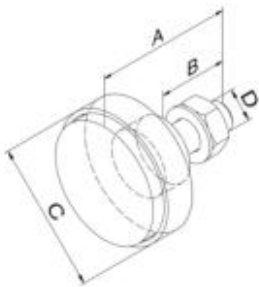
### ZRP-P / centering blank



Desc.	Article Nr.	A	B	C	D	PU*	
ZRP-30-30-30-P13-A	1-80-43-10-00-ZRP	P13	30	-	-	1	
ZRP-30-30-30-P13-P	1-80-43-12-00-ZRP	P13	30	-	-	1	
ZRP-50-50-50-P22-A	1-80-43-14-00-ZRP	P22	50	-	-	1	
ZRP-50-50-50-P22-P	1-80-43-16-00-ZRP	P22	50	-	-	1	

\*packing unit

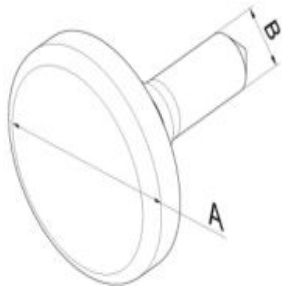
### DRP / Pressure Plate



Desc.	Article Nr.	A	B	C	D	PU*	
DRP-22-3	1-80-44-10-00-DRP	16	7	22	M3	1	
DRP-22-4	1-80-44-12-00-DRP	24	13	22	M4	1	
DRP-22-5	1-80-44-14-00-DRP	24	13	22	M5	1	
DRP-22-6	1-80-44-16-00-DRP	24	13	22	M6	1	

\*packing unit

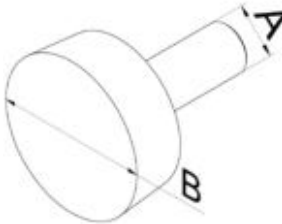
DRP-X-E-G / Pressure Plate Easy made of EPDM



Desc.	Article Nr.	A	B	C	D	PU*	
DRP-10-E-G	1-80-44-48-00-DRP	10	4	-	-	10	
DRP-16-E-G	1-80-44-50-00-DRP	16	5	-	-	10	

\*packing unit

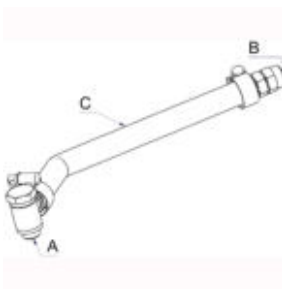
GUP / Rubberplate



Desc.	Article Nr.	A	B	C	D	PU*	
GUP-18-6	1-80-44-30-00-GUP	M6	18	-	-	1	

\*packing unit

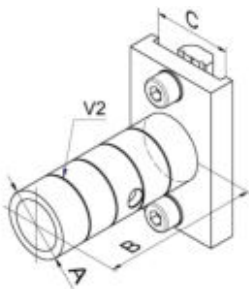
FSL / Flame-Protected Wire



Desc.	Article Nr.	A	B	C	D	PU*	
FSL-A18-300-6	1-80-52-10-00-FSL	G1/8	4/6	300	-	1	
FSL-A18-500-6	1-80-52-12-00-FSL	G1/8	4/6	500	-	1	

\*packing unit

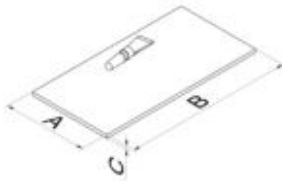
PKS / Profileclamp



Desc.	Article Nr.	A	B	C	D	PU*	
PKS-25-14-80	1-80-42-28-00-PKS	14	80	25	-	1	
PKS-25-20-50 Sale	1-80-42-30-00-999	20	50	25	-	1	
PKS-25-20-50	1-80-42-30-00-PKS	20	50	25	-	1	
PKS-25-20-100 Sale	1-80-42-31-00-999	20	100	25	-	1	
PKS-25-20-100	1-80-42-31-00-PKS	20	100	25	-	1	
PKS-25-30-80	1-80-42-32-00-PKS	30	80	25	-	1	

\*packing unit

GUK / Rubber and Glue Set



Desc.	Article Nr.	A	B	C	D	PU*
GUK-250-125-3	1-80-44-00-00-GUK	250	125	3	-	1
GUK-250-125-4	1-80-44-02-00-GUK	250	125	4	-	1
GUK-250-125-5	1-80-44-04-00-GUK	250	125	5	-	1

\*packing unit

SSM / Medium Strength Threadlocker



Desc.	Article Nr.	A	B	C	D	PU*
SSM-5-MF	1-80-44-20-00-SSM	5ml	-	-	-	1

\*packing unit

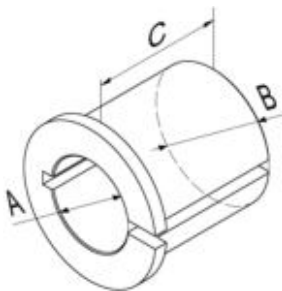
BRE / brake cleaner



Desc.	Article Nr.	A	B	C	D	PU*
Bremsenreiniger 500ml	9-90-90-90-01-BRE	500	-	-	-	1

\*packing unit

REB / Bushing



Desc.	Article Nr.	A	B	C	D	PU*
REB-14-10	1-80-45-10-00-REB	10	14	14	-	1
REB-20-14	1-80-45-12-00-REB	14	20	20	-	1
REB-30-20	1-80-45-14-00-REB	20	30	30	-	1

\*packing unit

KEB / Core hole drills



Desc.	Article Nr.	A	B	C	D	PU*
KEB-4,2	1-80-90-02-00-KEB	4,2	M5	-	-	1
KEB-8,8	1-80-90-04-00-KEB	8,8	G1/8 "	-	-	1
KEB-11,8	1-80-90-06-00-KEB	11,8	G1/4 "	-	-	1

\*packing unit

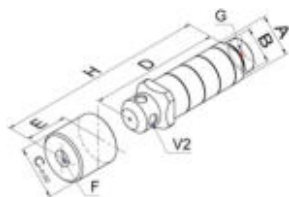
GWB / Tap



Desc.	Article Nr.	A	B	C	D	PU*
GWB-5-08-D	1-80-90-10-00-GWB	M5	-	-	-	1
GWB-8-1	1-80-90-20-00-GWB	M8x1	-	-	-	1
GWB-12-1	1-80-90-22-00-GWB	M12x1	-	-	-	1
GWB-12-1,5	1-80-90-23-00-GWB	M12x1,5	-	-	-	1
GWB-17-1	1-80-90-24-00-GWB	M17x1	-	-	-	1
GWB-27-1	1-80-90-26-00-GWB	M27x1	-	-	-	1
GWB-18	1-80-90-30-00-GWB	G1/8	-	-	-	1
GWB-14	1-80-90-32-00-GWB	G1/4	-	-	-	1

\*packing unit

ZVE / Centring Locking Unit

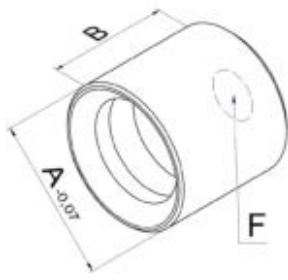


Desc.	Article Nr.	A	B	C	D	PU*
ZVE-14	1-80-41-88-00-ZVE	14	M12 x1	20	63	1
ZVE-20	1-80-41-90-00-ZVE	20	M17 x1	25	73	1
ZVE-30	1-80-41-92-00-ZVE	30	M27 x1	30	103	1

\*packing unit



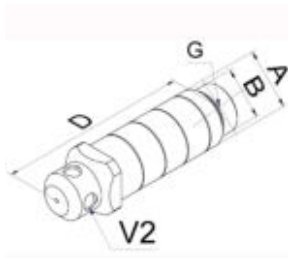
### ZVE-B / Centring Locking Unit Bushing



Desc.	Article Nr.	A	B	C	D	PU*
ZVE-14-B	1-80-41-94-00-ZVE	20	23,5	-	-	1
ZVE-20-B	1-80-41-96-00-ZVE	25	23,5	-	-	1
ZVE-30-B	1-80-41-98-00-ZVE	30	34,8	-	-	1

\*packing unit

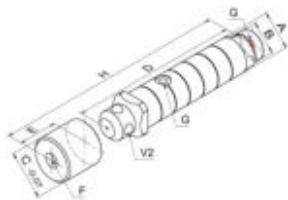
### ZVE-V / Centring Locking



Desc.	Article Nr.	A	B	C	D	PU*
ZVE-14-V	1-80-41-89-00-ZVE	14	M12 x1	25	63	1
ZVE-20-V	1-80-41-91-00-ZVE	20	M17 x1	25	73	1
ZVE-30-V	1-80-41-93-00-ZVE	30	M27 x1	30	103	1

\*packing unit

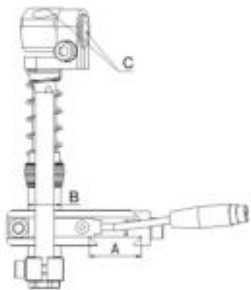
### ZVE-DW / Centring Locking double acting



Desc.	Article Nr.	A	B	C	D	PU*
ZVE-20-DW	1-80-48-10-00-ZVE	20	M17 x1	25	103	1

\*packing unit

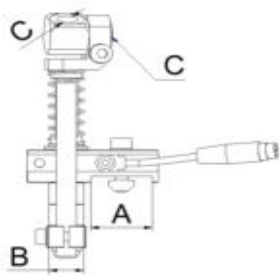
### STF-P / Stack Sensor with Prism



Desc.	Article Nr.	A	B	C	D	PU*
STF-14-18-18-P22	1-81-00-20-00-STF	P22	14	18	-	1

\*packing unit

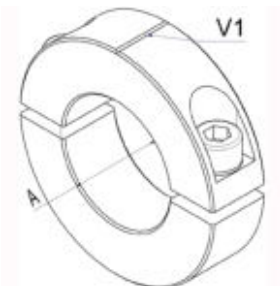
STF / Stack Sensor



Desc.	Article Nr.	A	B	C	D	PU*	
STF-14-18-X	1-81-00-10-00-STF	XPR	14	G1/8	-	1	

\*packing unit

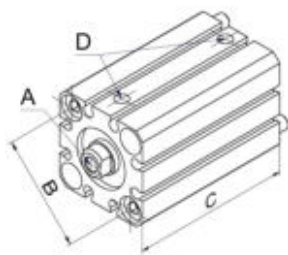
STR / Adjusting and Stop Ring



Desc.	Article Nr.	A	B	C	D	PU*	
STR-20	1-80-45-50-00-STR	20	-	-	-	1	
STR-30	1-80-45-52-00-STR	30	-	-	-	1	

\*packing unit

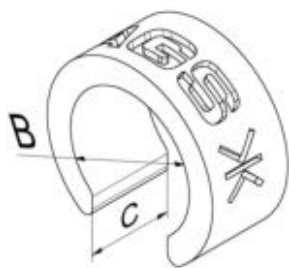
HUZ / Cylinder



Desc.	Article Nr.	A	B	C	D	PU*
HUZ-12-10	1-80-20-00-00-HUZ	M3	22 (AHZ -12- 10- 30)	32	M5	1
HUZ-20-20	1-80-20-10-00-HUZ	M5	36 (AHZ -20- 20- 50)	50	M5	1
HUZ-20-30	1-80-20-11-00-HUZ	M5	36 (AHZ -20- 20- 50)	59,5	M5	1
HUZ-20-40	1-80-20-12-00-HUZ	M5	36 (AHZ -20- 20- 50)	69,5	M5	1
HUZ-20-50	1-80-20-13-00-HUZ	M5	36 (AHZ -20- 20- 50)	79,5	M5	1
HUZ-32-10	1-80-20-19-00-HUZ	M8	48 (AHZ -32- 20- 50)	43	G1/8	1
HUZ-32-20	1-80-20-20-00-HUZ	M8	48 (AHZ -32- 20- 50)	53	G1/8	1
HUZ-32-30	1-80-20-21-00-HUZ	M8	48 (AHZ -32- 20- 50)	63	G1/8	1
HUZ-32-40	1-80-20-22-00-HUZ	M8	48 (AHZ -32- 20- 50)	73	G1/8	1
HUZ-32-50	1-80-20-24-00-HUZ	M8	48 (AHZ -32- 20- 50)	83	G1/8	1

\*packing unit

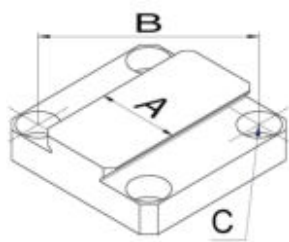
HBE-E / Stroke reducer easy



Desc.	Article Nr.	A	B	C	D	PU*
HBE-E-20-10-10	1-80-46-24-00-HBE	HUZ-20	10	10	-	1
HBE-E-32-16-5	1-80-46-26-00-HBE	HUZ-32	16	5	-	1
HBE-E-32-16-7.5	1-80-46-28-00-HBE	HUZ-32	16	7,5	-	1
HBE-E-32-16-10	1-80-46-30-00-HBE	HUZ-32	16	10	-	1

\*packing unit

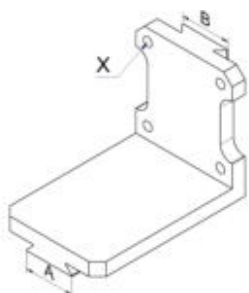
APZ-P / Adapter plate cylinder prism



Desc.	Article Nr.	A	B	C	D	PU*
APZ-20-M5-P22	1-80-20-90-00-APZ	P22	36	M5	-	1
APZ-32-M5-P22	1-80-20-92-00-APZ	P22	48	M5	-	1
APZ-20-D6-P22	1-80-20-94-00-APZ	P22	36	D6	-	1
APZ-32-D6-P22	1-80-20-96-00-APZ	P22	48	D6	-	1

\*packing unit

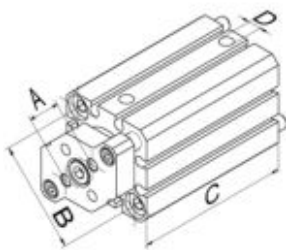
BWZ-P / Mounting Angle Cylinder Prism



Desc.	Article Nr.	A	B	C	D	PU*
BWZ-32-P22-P22	1-80-20-84-00-BWZ	P22	P22	-	-	1

\*packing unit

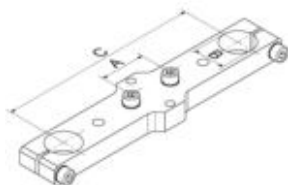
HZB / Cylinder with Beam



Desc.	Article Nr.	A	B	C	D	PU*
HZB-12-10	1-80-22-00-00-HZB	10 (KBH-12-10-60/PRH-12-18-100)	22 (AHZ-12-30)	32	M5	1
HZB-20-10	1-80-22-08-00-HZB	17 (KBH-20-14-90/PRH-20-25-140)	36 (AHZ-20-50)	40	M5	1
HZB-20-20	1-80-22-10-00-HZB	17 (KBH-20-14-90/PRH-20-25-140)	36 (AHZ-20-50)	50	M5	1
HZB-32-10	1-80-22-18-00-HZB	28 (KBH-32-20-125/PRH-32-25-180)	48 (AHZ-32-50)	43	G1/8	1
HZB-32-20	1-80-22-20-00-HZB	28 (KBH-32-20-125/PRH-32-25-180)	48 (AHZ-32-50)	53	G1/8	1
HZB-20-30	1-80-22-30-00-HZB	17 (KBH-20-14-90/PRH-20-25-140)	36 (AHZ-20-50)	60	M5	1
HZB-20-40	1-80-22-32-00-HZB	17 (KBH-20-14-90/PRH-20-25-140)	36 (AHZ-20-50)	70	M5	1

\*packing unit

KBH / Bracket for Cylinder with Beam HZB



Desc.	Article Nr.	A	B	C	D	PU*
KBH-12-10-60	1-80-22-02-00-KBH	10	10	60	-	1
KBH-20-14-90	1-80-22-12-00-KBH	17	14	90	-	1
KBH-32-20-125	1-80-22-22-00-KBH	28	20	125	-	1

\*packing unit

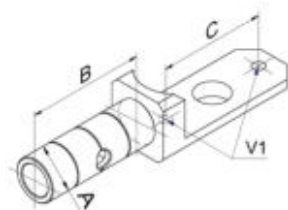
PRH / Profile for Cylinder with Beam HZB



Desc.	Article Nr.	A	B	C	D	PU*
PRH-12-18-100	1-80-22-04-00-PRH	18	10	10	100	1
PRH-20-25-140	1-80-22-14-00-PRH	25	12	17	140	1
PRH-32-25-180	1-80-22-24-00-PRH	25	12	28	180	1

\*packing unit

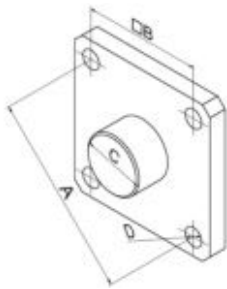
AHZ / Adapter for Cylinder HUZ / HZB



Desc.	Article Nr.	A	B	C	D	PU*
AHZ-12-10-30 Sale	1-80-40-00-00-999	10	30	22	-	1
AHZ-12-10-30	1-80-40-00-00-AHZ	10	30	22	-	1
AHZ-20-14-40 Sale	1-80-40-10-00-999	14	40	36	-	1
AHZ-20-14-40	1-80-40-10-00-AHZ	14	40	36	-	1
AHZ-20-20-50 Sale	1-80-40-12-00-999	20	50	36	-	1
AHZ-20-20-50	1-80-40-12-00-AHZ	20	50	36	-	1
AHZ-32-20-50 Sale	1-80-40-20-00-999	20	50	48	-	1
AHZ-32-20-50	1-80-40-20-00-AHZ	20	50	48	-	1
AHZ-32-20-100	1-80-40-22-00-AHZ	20	100	48	-	1
AHZ-32-20-150	1-80-40-24-00-AHZ	20	150	48	-	1
AHZ-32-30-80	1-80-40-30-00-AHZ	30	80	48	-	1

\*packing unit

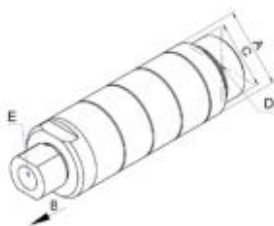
APL-G / Adapterplate for HUZ, HZB and GZA-32



Desc.	Article Nr.	A	B	C	D	PU*
APL-12-M3-14	1-80-42-06-02-APL	22	15,6	M12 x1	M3	1
APL-20-M5-20	1-80-42-08-02-APL	36	25,5	M17 x1	M5	1
APL-32-M5-20	1-80-42-10-02-APL	48	34	M17 x1	M5	1
APL-32-5,5-20	1-80-42-12-02-APL	48	34	M17 x1	Ø5,5	1
APL-32-M5-30	1-80-42-14-02-APL	48	34	M27 x1	M5	1
APL-32-5.5-30	1-80-42-16-02-APL	48	34	M27 x1	Ø5,5	1

\*packing unit

KHZ / Short-Stroke Cylinder



Desc.	Article Nr.	A	B	C	D	PU*
KHZ-14-5	1-80-28-10-00-KHZ	14	5	M12 x1	M5	1
KHZ-14-10	1-80-28-14-00-KHZ	14	10	M12 x1	M5	1
KHZ-20-10	1-80-28-20-00-KHZ	20	10	M17 x1	M5	1
KHZ-20-20	1-80-28-24-00-KHZ	20	20	M17 x1	M5	1
KHZ-30-10	1-80-28-30-00-KHZ	30	10	M27 x1	G1/8 "	1
KHZ-30-20	1-80-28-34-00-KHZ	30	20	M27 x1	G1/8 "	1
KHZ-30-30	1-80-28-38-00-KHZ	30	30	M27 x1	G1/8 "	1

\*packing unit

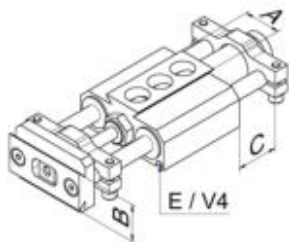
### KHZ-DW / Short-Stroke Cylinder Double-acting



Desc.	Article Nr.	A	B	C	D	PU*
KHZ-14-5-DW	1-80-30-10-00-KHZ	14	5	M12 x1	M5	1
KHZ-14-10-DW	1-80-30-14-00-KHZ	14	10	M12 x1	M5	1
KHZ-20-10-DW	1-80-30-20-00-KHZ	20	10	M17 x1	M5	1
KHZ-20-20-DW	1-80-30-24-00-KHZ	20	20	M17 x1	M5	1
KHZ-30-10-DW	1-80-30-30-00-KHZ	30	10	M27 x1	M5	1
KHZ-30-20-DW	1-80-30-34-00-KHZ	30	20	M27 x1	M5	1
KHZ-30-30-DW	1-80-30-38-00-KHZ	30	30	M27 x1	M5	1

\*packing unit

### HEU-PA-PA / Stroke Unit Universal Prism Outside

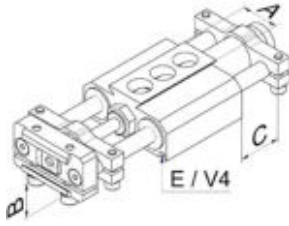


Desc.	Article Nr.	A	B	C	D	PU*
HEU-PA-22-16-25-PA-22	1-85-00-10-00-HEU	P22	P22	25	16	1
HEU-PA-22-16-50-PA-22	1-85-00-12-00-HEU	P22	P22	50	16	1
HEU-PA-22-16-80-PA-22	1-85-00-14-00-HEU	P22	P22	80	16	1
HEU-PA-22-16-100-PA-22	1-85-00-16-00-HEU	P22	P22	100	16	1
HEU-PA-22-16-160-PA-22	1-85-00-18-00-HEU	P22	P22	160	16	1
HEU-PA-22-16-200-PA-22	1-85-00-20-00-HEU	P22	P22	200	16	1
HEU-PA-22-25-80-PA-22	1-85-00-56-00-HEU	P22	P22	80	25	1
HEU-PA-22-25-125-PA-22	1-85-00-60-00-HEU	P22	P22	125	25	1
HEU-PA-22-25-200-PA-22	1-85-00-64-00-HEU	P22	P22	200	25	1

\*packing unit



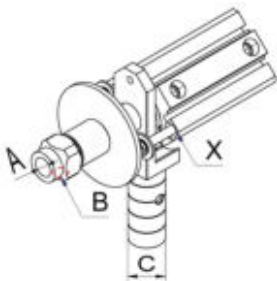
HEU-PA-PI / Stroke Unit Universal Prism Inside



Desc.	Article Nr.	A	B	C	D	PU*
HEU-PA-22-16-25-PI-22	1-85-00-30-00-HEU	P22	P22	25	16	1
HEU-PA-22-16-50-PI-22	1-85-00-32-00-HEU	P22	P22	50	16	1
HEU-PA-22-16-80-PI-22	1-85-00-34-00-HEU	P22	P22	80	16	1
HEU-PA-22-16-100-PI-22	1-85-00-36-00-HEU	P22	P22	100	16	1
HEU-PA-22-16-160-PI-22	1-85-00-38-00-HEU	P22	P22	160	16	1

\*packing unit

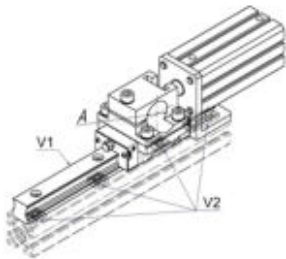
HBE / Cylinder with stroke limitation



Desc.	Article Nr.	A	B	C	D	PU*
HBE-32-40-14	1-80-46-14-00-HBE	G1/4"	G1/8"	20	30	1

\*packing unit

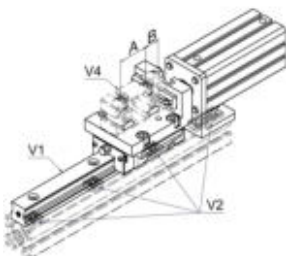
HEH-L-X-X-R-X / Linear Stroke Unit for round



Desc.	Article Nr.	A	B	C	D	PU*
HEH-L-20-50-R-20	1-80-24-02-00-HEH	20	50	20	-	1

\*packing unit

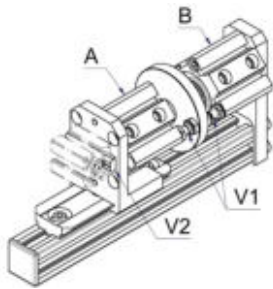
HEH-L-X-X-P-X / Linear Stroke Unit for Profile



Desc.	Article Nr.	A	B	C	D	PU*
HEH-L-20-50-P-25	1-80-24-20-00-HEH	25	12,5	50	20	1

\*packing unit

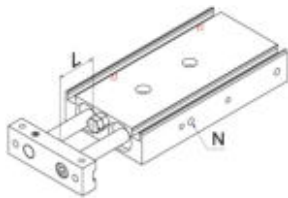
### DHE / Double Stroke Unit



Desc.	Article Nr.	A	B	C	D	PU*
DHE-32-10-10	1-80-26-10-00-DHE	10	10	-	-	1

\*packing unit

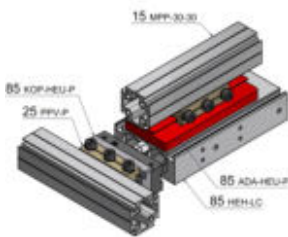
### HEU-LC / Stroke Unit with ball lining



Desc.	Article Nr.	A	B	C	D	PU*
HEU-16-50-LC	1-85-98-10-00-HEU					1
HEU-16-100-LC	1-85-98-14-00-HEU					1
HEU-20-50-LC	1-85-98-20-00-HEU					1
HEU-20-100-LC	1-85-98-24-00-HEU					1

\*packing unit

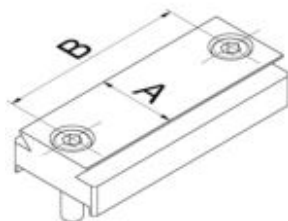
### ADA-HEU-P / Adapter Plate for Stroke Unit LC with Prism



Desc.	Article Nr.	A	B	C	D	PU*
ADA-HEU-16-50-P22	1-85-99-10-00-ADA	P22	35			1
ADA-HEU-16-100-P22	1-85-99-14-00-ADA	P22	55			1
ADA-HEU-20-50-P22	1-85-99-20-00-ADA	P22	40			1
ADA-HEU-20-100-P22	1-85-99-24-00-ADA	P22	60			1

\*packing unit

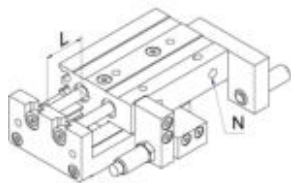
### KOP-HEU-P / Head Plate for Stroke Unit LC with Prism



Desc.	Article Nr.	A	B	C	D	PU*
KOP-HEU-16	1-85-99-11-00-KOP					1
KOP-HEU-20	1-85-99-21-00-KOP					1

\*packing unit

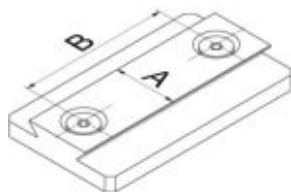
## HEH-LC / Precision Stroke Unit



Desc.	Article Nr.	A	B	C	D	PU*
HEH-8-20-LC-ST	1-85-98-40-00-HEH					1
HEH-12-50-LC-ST	1-85-98-50-00-HEH					1
HEH-16-50-LC-ST	1-85-98-64-00-HEH					1

\*packing unit

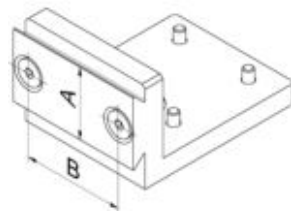
## ADA-HEH-P / Adapter Plate for Precision Stroke Unit LC with Prism



Desc.	Article Nr.	A	B	C	D	PU*
ADA-HEH-08-20-P22	1-85-99-40-00-ADA	P22	30			1
ADA-HEH-12-50-P22	1-85-99-50-00-ADA	P22	72			1
ADA-HEH-16-50-P22	1-85-99-64-00-ADA	P22	2x36			1

\*packing unit

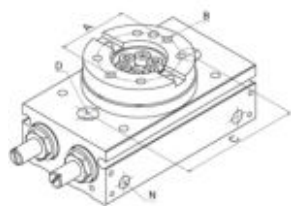
## KOP-HEH-P / Head Plate for Precision Stroke Unit LC with Prism



Desc.	Article Nr.	A	B	C	D	PU*
KOP-HEH-08-P22	1-85-99-41-00-KOP	P22	30			1
KOP-HEH-12-P22	1-85-99-51-00-KOP	P22	38			1

\*packing unit

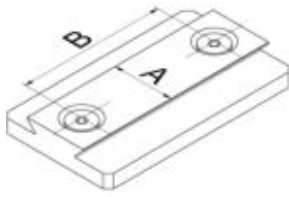
## DRE-LC / Rotary Unit



Desc.	Article Nr.	A	B	C	D	PU*
DRE-7-180-LC	1-80-98-50-00-DRE	29	8xM 4	50	Ø4,2	1
DRE-20-180-LC	1-80-98-54-00-DRE	43	8x M6	76	Ø8,6	1

\*packing unit

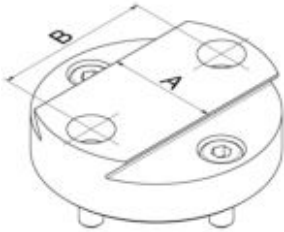
ADA-DRE-P / Adapterplate for Rotary Unit with Prism



Desc.	Article Nr.	A	B	C	D	PU*
ADA-DRE-7-P22	1-80-99-50-00-ADA	P22	50			1
ADA-DRE-20-P22	1-80-99-54-00-ADA	P22	76			1

\*packing unit

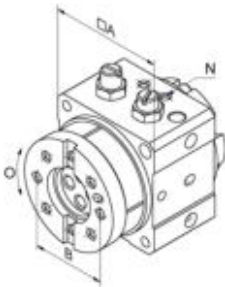
KOP-DRE-P / Head Plate for Rotary Unit with Prism



Desc.	Article Nr.	A	B	C	D	PU*
KOP-DRE-7-P22	1-80-99-51-00-KOP	P22	29			1
KOP-DRE-20-P22	1-80-99-55-00-KOP	P22	43			1

\*packing unit

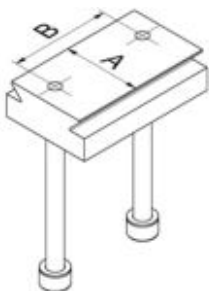
DRZ-LC / Rotary cylinder



Desc.	Article Nr.	A	B	C	D	PU*
DRZ-10-LC	1-80-98-10-00-DRZ	38				1
DRZ-15-LC	1-80-98-12-00-DRZ					1

\*packing unit

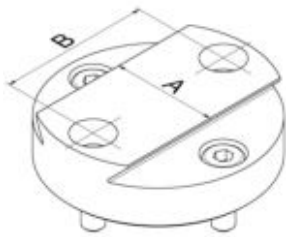
ADA-DRZ-P / Adapter Plate for Rotary Cylinder with Prism



Desc.	Article Nr.	A	B	C	D	PU*
ADA-DRZ-10-P22	1-80-99-10-00-ADA	P22	27			1
ADA-DRZ-15-P22	1-80-99-12-00-ADA	P22	29			1

\*packing unit

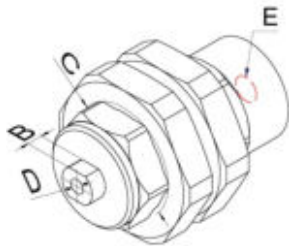
KOP-DRZ-P / Head Plate for Rotary Cylinder with Prism



Desc.	Article Nr.	A	B	C	D	PU*	
KOP-DRZ-10-P22	1-80-99-11-00-KOP	P22	25			1	
KOP-DRZ-15-P22	1-80-99-13-00-KOP	P22	30			1	

\*packing unit

ZYM-LC / Miniatur Cylinder



Desc.	Article Nr.	A	B	C	D	PU*	
ZYM-12-10-LC	1-80-98-20-00-ZYM	16	10	M18 x1.5	M3	1	
ZYM-16-10-LC	1-80-98-22-00-ZYM	16	10	M22 x1.5	M3	1	

\*packing unit

## 90 Pneumatic

### PSC / Pneumatic Compressed Air Hose Silver



Desc.	Article Nr.	A	B	C	D	PU*
PSC-3	1-90-00-00-00-PSC	3	2,1	-	-	1
PSC-4	1-90-00-00-01-PSC	4	2,5	20m	-	1
PSC-6	1-90-00-00-03-PSC	6	4	20m	-	1
PSC-8	1-90-00-00-05-PSC	8	5	20m	-	1
PSC-10	1-90-00-00-07-PSC	10	6,5	20m	-	1
PSC-3-10	1-90-00-00-09-PSC	3	2,1	10m	-	1

\*packing unit

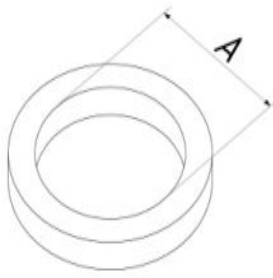
### PSC-X-X / Pneumatic Compressed Air Hose Colors



Desc.	Article Nr.	A	B	C	D	PU*
PSC-4-B	1-90-00-01-01-PSC	4	2,5	blau	-	1
PSC-6-B	1-90-00-01-03-PSC	6	4	blau	-	1
PSC-8-B	1-90-00-01-05-PSC	8	5	blau	-	1
PSC-4-S	1-90-00-01-09-PSC	4	2,5	schwarz	-	1
PSC-6-S	1-90-00-01-11-PSC	6	4	schwarz	-	1
PSC-4-R	1-90-00-01-14-PSC	4	2,5	rot	-	1
PSC-6-R	1-90-00-01-16-PSC	6	4	rot	-	1
PSC-4-GE	1-90-00-01-19-PSC	4	2,5	gelb	-	1
PSC-6-GE	1-90-00-01-21-PSC	6	4	gelb	-	1
PSC-6-GR	1-90-00-01-26-PSC	6	4	grün	-	1
PSC-4-T	1-90-00-01-29-PSC	4	2,5	transparent	-	1
PSC-6-T	1-90-00-01-31-PSC	6	4	transparent	-	1

\*packing unit

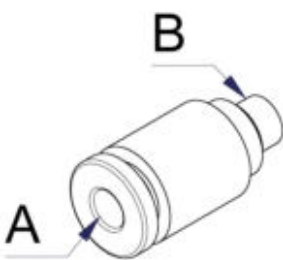
PDR / Pneumatic Seal Ring



Desc.	Article Nr.	A	B	C	D	PU*
PDR-5	1-90-00-00-10-PDR	M5	-	-	-	100
PDR-5-PTFE	1-90-00-00-11-PDR	M5	-	-	-	100
PDR-18	1-90-00-00-12-PDR	G1/8	-	-	-	100
PDR-5-PVC	1-90-00-00-13-PDR	M5	-	-	-	100
PDR-14	1-90-00-00-14-PDR	G1/4	-	-	-	100
PDR-38	1-90-00-00-16-PDR	G3/8	-	-	-	10

\*packing unit

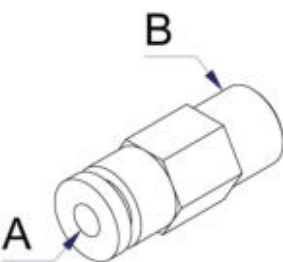
PGS / Pneumatic Straight Hose Connector



Desc.	Article Nr.	A	B	C	D	PU*
PGS-5-4	1-90-00-00-20-PGS	PSC4	M5	-	-	10
PGS-5-6	1-90-00-00-22-PGS	PSC6	M5	-	-	10
PGS-18-4	1-90-00-00-24-PGS	PSC4	G1/8	-	-	10
PGS-18-6	1-90-00-00-26-PGS	PSC6	G1/8	-	-	10
PGS-18-8	1-90-00-00-28-PGS	PSC8	G1/8	-	-	10
PGS-14-4	1-90-00-00-30-PGS	PSC4	G1/4	-	-	10
PGS-14-6	1-90-00-00-32-PGS	PSC6	G1/4	-	-	10
PGS-14-8	1-90-00-00-34-PGS	PSC8	G1/4	-	-	10
PGS-14-10	1-90-00-00-36-PGS	PSC10	G1/4	-	-	10

\*packing unit

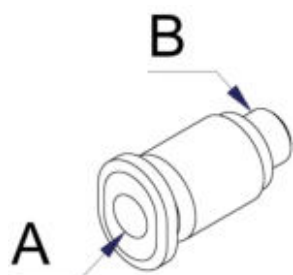
PGS-V / Pneumatic Straight Hose Connector with Stop Valve



Desc.	Article Nr.	A	B	C	D	PU*
PGS-18-4-V	1-90-00-00-40-PGS	PSC4	G1/8	-	-	1
PGS-18-6-V	1-90-00-00-42-PGS	PSC6	G1/8	-	-	1
PGS-14-8-V	1-90-00-00-44-PGS	PSC8	G1/4	-	-	1

\*packing unit

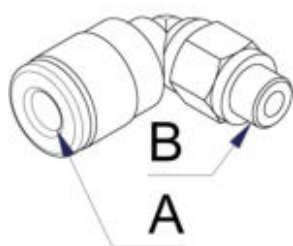
PGS-S / Pneumatic Straight Hose Connector Small version



Desc.	Article Nr.	A	B	C	D	PU*
PGS-3-3-S	1-90-00-00-68-PGS	PSC-3	M3	-	-	10
PGS-5-3-S	1-90-00-00-69-PGS	PSC3	M5	-	-	10
PGS-5-4-S	1-90-00-00-70-PGS	PSC4	M5	-	-	10
PGS-5-6-S	1-90-00-00-72-PGS	PSC6	M5	-	-	10
PGS-18-4-S	1-90-00-00-74-PGS	PSC-4	G1/8			10
PGS-18-6-S	1-90-00-00-76-PGS	PSC6	G1/8	-	-	10

\*packing unit

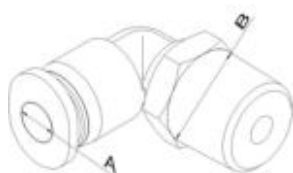
PWS / Pneumatic L Hose Connector



Desc.	Article Nr.	A	B	C	D	PU*
PWS-3-4	1-90-10-01-00-PWS	PSC4	M3	-	-	10
PWS-5-4	1-90-10-02-00-PWS	PSC4	M5	-	-	10
PWS-5-6	1-90-10-02-02-PWS	PSC6	M5	-	-	10
PWS-18-4	1-90-10-02-04-PWS	PSC4	G1/8	-	-	10
PWS-18-6	1-90-10-02-06-PWS	PSC6	G1/8	-	-	10
PWS-18-8	1-90-10-02-08-PWS	PSC8	G1/8	-	-	10
PWS-14-4	1-90-10-02-10-PWS	PSC4	G1/4	-	-	10
PWS-14-6	1-90-10-02-12-PWS	PSC6	G1/4	-	-	10
PWS-14-8	1-90-10-02-14-PWS	PSC8	G1/4	-	-	10
PWS-14-10	1-90-10-02-16-PWS	PSC10	G1/4	-	-	10

\*packing unit

PWS-S / Pneumatic L Hose Connector Small Version

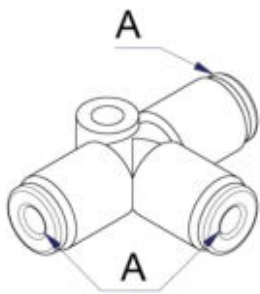


Desc.	Article Nr.	A	B	C	D	PU*
PWS-5-4-S	1-90-10-02-18-PWS	PSC-4	M5			10
PWS-5-6-S	1-90-10-02-20-PWS	PSC-6	M5			10
PWS-18-4-S	1-90-10-02-22-PWS	PSC-4	G1/8			10
PWS-18-6-S	1-90-10-02-24-PWS	PSC-6	G1/8			10

\*packing unit



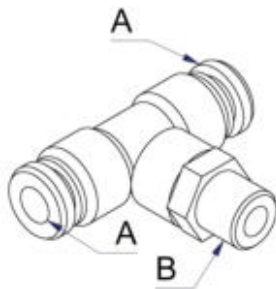
PTS / Pneumatic T Hose Connector



Desc.	Article Nr.	A	B	C	D	PU*
PTS-4-4-4	1-90-10-04-02-PTS	PSC4	-	-	-	10
PTS-6-6-6	1-90-10-04-04-PTS	PSC6	-	-	-	10
PTS-8-8-8	1-90-10-04-06-PTS	PSC8	-	-	-	10

\*packing unit

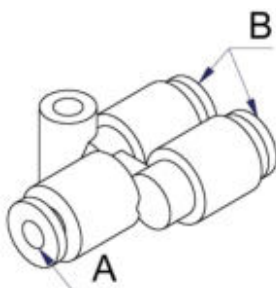
PTG / Pneumatic T Hose Connector Thread



Desc.	Article Nr.	A	B	C	D	PU*
PTG-18-4-4	1-90-10-04-10-PTG	G1/8	PSC 4	-	-	10
PTG-18-6-6	1-90-10-04-12-PTG	G1/8	PSC 6	-	-	10
PTG-5-4-4	1-90-10-04-14-PTG	M5	PSC 4	-	-	10
PTG-5-6-6	1-90-10-04-16-PTG	M5	PSC 6	-	-	10

\*packing unit

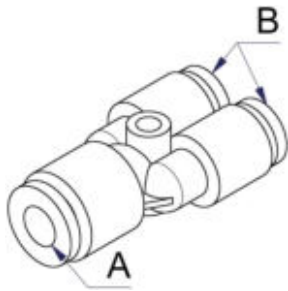
PYS / Pneumatic Y Hose Connector



Desc.	Article Nr.	A	B	C	D	PU*
PYS-4-4-4 Y	1-90-10-04-20-PYS	PSC4	PSC 4	-	-	10
PYS-6-6-6 Y	1-90-10-04-22-PYS	PSC6	PSC 6	-	-	10
PYS-8-8-8 Y	1-90-10-04-24-PYS	PSC8	PSC 8	-	-	10

\*packing unit

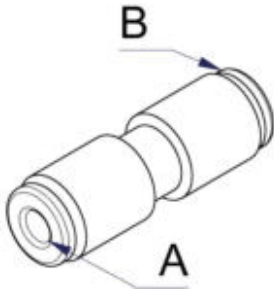
PYR / Pneumatic Y Hose Connector Reduction



Desc.	Article Nr.	A	B	C	D	PU*
PYR-4-4-6 Y	1-90-10-04-28-PYR	PSC6	PSC 4	-	-	10
PYR-6-6-8 Y	1-90-10-04-30-PYR	PSC8	PSC 6	-	-	10

\*packing unit

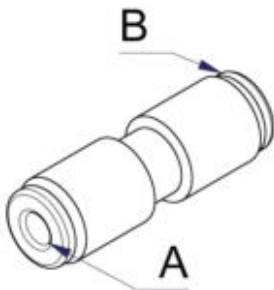
PSV / Pneumatic Straight Quick Hose Connector



Desc.	Article Nr.	A	B	C	D	PU*
PSV-3-3	1-90-10-04-38-PSV	PSC3	PSC 3	-	-	10
PSV-4-4	1-90-10-04-40-PSV	PSC4	PSC 4	-	-	10
PSV-6-6	1-90-10-04-42-PSV	PSC6	PSC 6	-	-	10
PSV-8-8	1-90-10-04-44-PSV	PSC8	PSC 8	-	-	10

\*packing unit

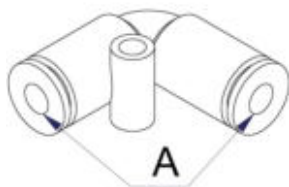
PSR / Pneumatic Straight Quick Hose Connector Reduction



Desc.	Article Nr.	A	B	C	D	PU*
PSR-4-3	1-90-10-04-48-PSR	PSC-4	PSC-3	-	-	10
PSR-6-4	1-90-10-04-50-PSR	PSC-6	PSC-4	-	-	10
PSR-8-4	1-90-10-04-52-PSR	PSC-8	PSC-4	-	-	10
PSR-8-6	1-90-10-04-54-PSR	PSC-8	PSC-6	-	-	10
PSR-10-6	1-90-10-04-56-PSR	PSC-10	PSC-6	-	-	10
PSR-10-8	1-90-10-04-58-PSR	PSC-10	PSC-8	-	-	10

\*packing unit

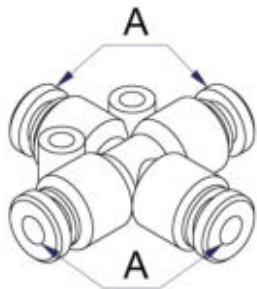
PSE / Pneumatic Straight Quick Hose Connector Corner



Desc.	Article Nr.	A	B	C	D	PU*
PSE-4-4	1-90-10-04-60-PSE	PSC4	-	-	-	10
PSE-6-6	1-90-10-04-62-PSE	PSC6	-	-	-	10
PSE-8-8	1-90-10-04-64-PSE	PSC8	-	-	-	10

\*packing unit

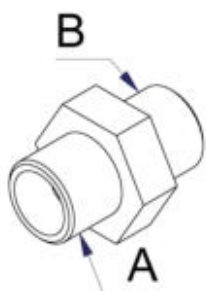
PXS / Pneumatic X Quick Hose Connector



Desc.	Article Nr.	A	B	C	D	PU*
PXS-4-4-4-4	1-90-10-04-66-PXS	PSC4	-	-	-	1
PXS-6-6-6-6	1-90-10-04-77-PXS	PSC6	-	-	-	1

\*packing unit

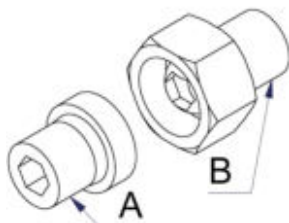
PDN / Pneumatic Double Union



Desc.	Article Nr.	A	B	C	D	PU*
PDN-5-5	1-90-10-04-60-PDN	M5	M5	-	-	10
PDN-18-18	1-90-10-04-62-PDN	G1/8	G1/8	-	-	10
PDN-14-14	1-90-10-04-64-PDN	G1/4	G1/4	-	-	10
PDN-38-18	1-90-10-04-65-PDN	G3/8	G1/8	-	-	10
PDN-38-14	1-90-10-04-66-PDN	G3/8	G1/4	-	-	10
PDN-14-18	1-90-10-04-68-PDN	G1/4	G1/8	-	-	10

\*packing unit

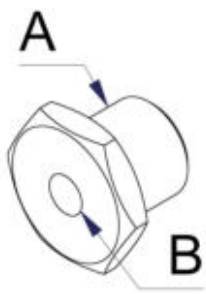
PDN-L / Pneumatic Double Union Removable



Desc.	Article Nr.	A	B	C	D	PU*
PDN-L-18-18	1-90-10-04-70-PDN	G1/8	G1/8	-	-	10
PDN-L-14-14	1-90-10-04-72-PDN	G1/4	G1/4	-	-	10
PDN-L-14-18	1-90-10-04-74-PDN	G1/4	G1/8	-	-	10

\*packing unit

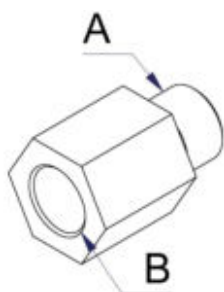
PRS / Pneumatic Reducing Union



Desc.	Article Nr.	A	B	C	D	PU*
PRS-18-5	1-90-10-04-80-PRS	G1/8	M5	-	-	10
PRS-14-5	1-90-10-04-81-PRS	G1/4	M5	-	-	10
PRS-14-18	1-90-10-04-82-PRS	G1/4	G1/8	-	-	10
PRS-38-18	1-90-10-04-83-PRS	G3/8	G1/8	-	-	10
PRS-38-14	1-90-10-04-84-PRS	G3/8	G1/4	-	-	10
PRS-12-14	1-90-10-04-86-PRS	G1/2	G1/4	-	-	10
PRS-12-38	1-90-10-04-88-PRS	G1/2	G3/8	-	-	10

\*packing unit

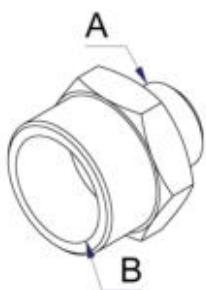
PRS-L / Pneumatic Reducing Union Long



Desc.	Article Nr.	A	B	C	D	PU*
PRS-L-5-5-ORI	1-90-10-04-89-PRS	M5	M5			10
PRS-L-18-18	1-90-10-04-90-PRS	G1/8	G1/8	-	-	10
PRS-L-18-14	1-90-10-04-92-PRS	G1/8	G1/4	-	-	10
PRS-L-14-18	1-90-10-04-94-PRS	G1/4	G1/8	-	-	10
PRS-L-14-14	1-90-10-04-96-PRS	G1/4	G1/4	-	-	10

\*packing unit

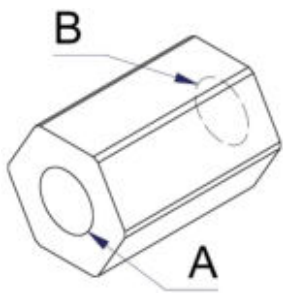
PES / Pneumatic Expansion Union



Desc.	Article Nr.	A	B	C	D	PU*
PES-14-38	1-90-10-05-80-PES	G1/4	G3/8	-	-	10

\*packing unit

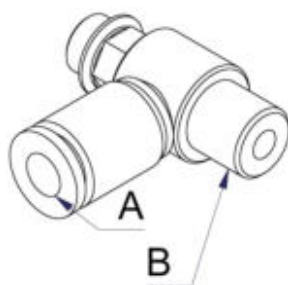
PVM / Pneumatic Thread Coupling



Desc.	Article Nr.	A	B	C	D	PU*
PVM-5-5	1-90-10-06-02-PVM	M5	M5	-	-	10
PVM-18-18	1-90-10-06-04-PVM	G1/8	G1/8	-	-	10
PVM-14-14	1-90-10-06-06-PVM	G1/4	G1/4	-	-	10
PVM-38-38	1-90-10-06-08-PVM	G3/8	G3/8	-	-	10

\*packing unit

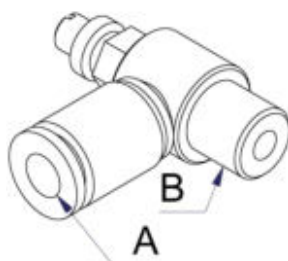
PAD / Pneumatic Hollow Bolt with Throttle Check Exhaust



Desc.	Article Nr.	A	B	C	D	PU*
PAD-5-4	1-90-10-06-20-PAD	PSC4	M5	-	-	1
PAD-5-6	1-90-10-06-22-PAD	PSC6	M5	-	-	1
PAD-18-4	1-90-10-06-23-PAD	PSC-4	G1/8			1
PAD-18-6	1-90-10-06-24-PAD	PSC6	G1/8	-	-	1

\*packing unit

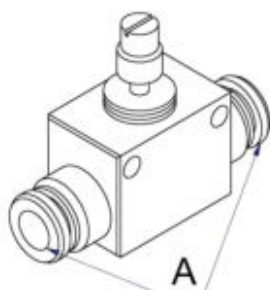
PED / Pneumatic Hollow Bolt with Throttle Check Intake



Desc.	Article Nr.	A	B	C	D	PU*
PED-5-4	1-90-10-06-40-PED	PSC4	M5	-	-	1
PED-5-6	1-90-10-06-42-PED	PSC6	M5	-	-	1
PED-18-6	1-90-10-06-44-PED	PSC6	G1/8	-	-	1

\*packing unit

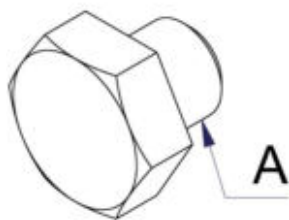
PND / Air regulator



Desc.	Article Nr.	A	B	C	D	PU*
PND-4-4	1-90-10-06-50-PND	PSC4	-	-	-	1
PND-6-6	1-90-10-06-52-PND	PSC6	-	-	-	1
PND-8-8	1-90-10-06-54-PND	PSC8	-	-	-	1

\*packing unit

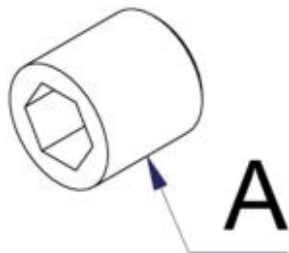
PVS / Pneumatic Hex Plug



Desc.	Article Nr.	A	B	C	D	PU*
PVS-5	1-90-12-00-10-PVS	M5	-	-	-	10
PVS-18	1-90-12-00-12-PVS	G1/8	-	-	-	10
PVS-14	1-90-12-00-14-PVS	G1/4	-	-	-	10

\*packing unit

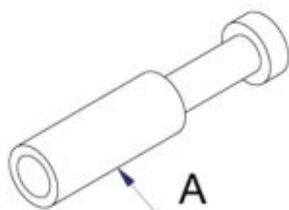
PVS-E / Pneumatic Hex Plug easy



Desc.	Article Nr.	A	B	C	D	PU*
PVS-5-E	1-90-12-00-16-PVS	M5	-	-	-	10
PVS-18-E	1-90-12-00-17-PVS	G1/8	-	-	-	10
PVS-14-E	1-90-12-00-18-PVS	G1/4	-	-	-	10

\*packing unit

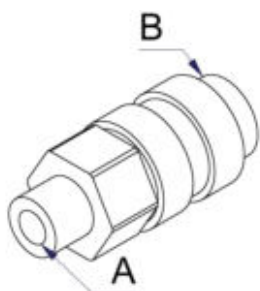
PVS-S / Pneumatic Plug Quick



Desc.	Article Nr.	A	B	C	D	PU*
PVS-4-S	1-90-30-10-10-PVS	4	-	-	-	10
PVS-6-S	1-90-30-10-12-PVS	6	-	-	-	10
PVS-8-S	1-90-30-10-14-PVS	8	-	-	-	10

\*packing unit

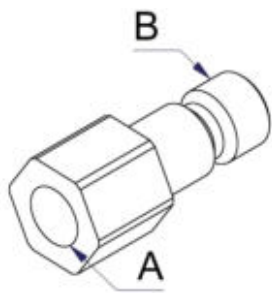
PSK / Pneumatic Quick Release Coupling



Desc.	Article Nr.	A	B	C	D	PU*
PSK-5	1-90-12-00-20-PSK	M5	PSS 5	-	-	1
PSK-18	1-90-12-00-22-PSK	G1/8	PSS 18	-	-	1
PSK-14	1-90-12-00-24-PSK	G1/4	PSS 14	-	-	1

\*packing unit

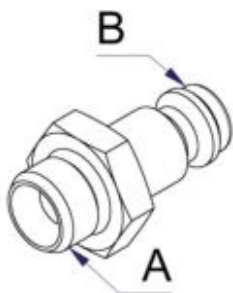
PSS / Pneumatic Plug In Nipple



Desc.	Article Nr.	A	B	C	D	PU*
PSS-5	1-90-12-00-30-PSS	M5	PSK 5	-	-	10
PSS-18	1-90-12-00-33-PSS	G1/8	PSK 18	-	-	10
PSS-14	1-90-12-00-41-PSS	G1/4	PSK 14	-	-	10

\*packing unit

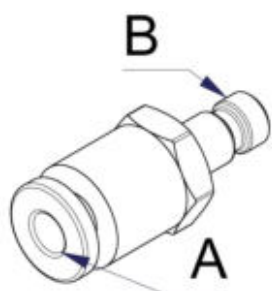
PSS-A / Pneumatic Plug In Nipple with thread



Desc.	Article Nr.	A	B	C	D	PU*
PSS-5-A-5	1-90-12-00-40-PSS	M5	PSK 5	-	-	10
PSS-18-A-18	1-90-12-00-42-PSS	G1/8	PSK 18	-	-	10
PSS-14-A-14	1-90-12-00-44-PSS	G1/4	PSK 14	-	-	10
PSS-18-A-14	1-90-12-00-46-PSS	G1/8	PSK 14	-	-	10

\*packing unit

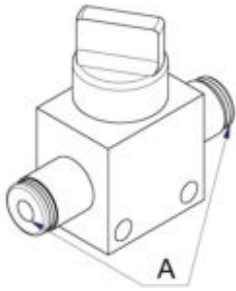
PSS-S / Pneumatic Plug In Nipple Quick Connection



Desc.	Article Nr.	A	B	C	D	PU*
PSS-5-4-S	1-90-12-00-31-PSS	PSC-4	PSK 5	-	-	10
PSS-18-6-S	1-90-12-00-35-PSS	PSC6	PSK 18	-	-	10
PSS-18-8-S	1-90-12-00-37-PSS	PSC8	PSK 18	-	-	10

\*packing unit

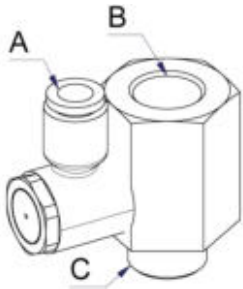
PKH / Pneumatic Ball Valve



Desc.	Article Nr.	A	B	C	D	PU*
PKH-4-4	1-90-14-00-10-PKH	PSC4	-	-	-	1
PKH-6-6	1-90-14-00-12-PKH	PSC6	-	-	-	1
PKH-8-8	1-90-14-00-14-PKH	PSC8	-	-	-	1

\*packing unit

SSV / Vacuum Cup Safety Valve



Desc.	Article Nr.	A	B	C	D	PU*
SSV-14-14	1-90-14-00-50-SSV	PSC6	G1/4	G1/4	-	1

\*packing unit

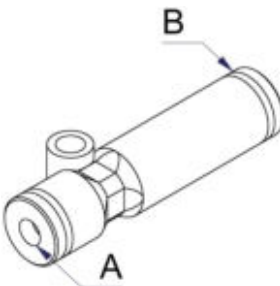
PST / Pneumatic Flow Control Valve



Desc.	Article Nr.	A	B	C	D	PU*
PST-18-18	1-90-14-00-52-PST	G1/8	G1/8	-	-	1

\*packing unit

PRV / Pneumatic nonreturn valve

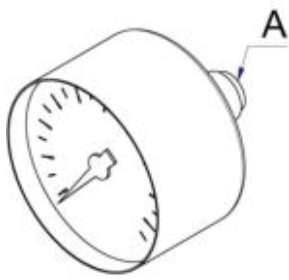


Desc.	Article Nr.	A	B	C	D	PU*
PRV-4-4	1-90-14-00-60-PRV	PSC4	PSC 4	-	-	1
PRV-6-6	1-90-14-00-62-PRV	PSC6	PSC 6	-	-	1
PRV-8-8	1-90-14-00-64-PRV	PSC8	PSC 8	-	-	1

\*packing unit



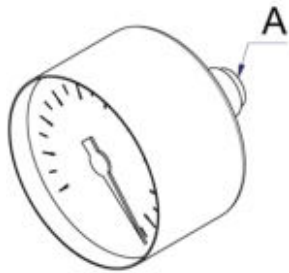
PMD / Pneumatic Manometer Pressure



Desc.	Article Nr.	A	B	C	D	PU*
PMD-40-18	1-90-15-00-10-PMD	G1/8	-	-	-	1

\*packing unit

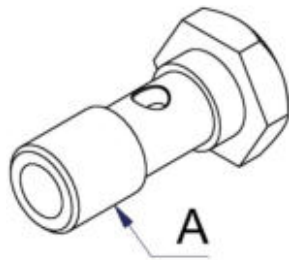
PMV / Pneumatic Manometer Vacuum



Desc.	Article Nr.	A	B	C	D	PU*
PMV-40-18	1-90-15-00-14-PMV	G1/8	-	-	-	1

\*packing unit

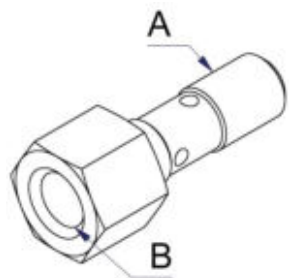
PHS / Pneumatic Hollow bolt



Desc.	Article Nr.	A	B	C	D	PU*
PHS-5	1-90-16-00-10-PHS	M5	-	-	-	10
PHS-18	1-90-16-00-12-PHS	G1/8	-	-	-	10
PHS-14	1-90-16-00-14-PHS	G1/4	-	-	-	10

\*packing unit

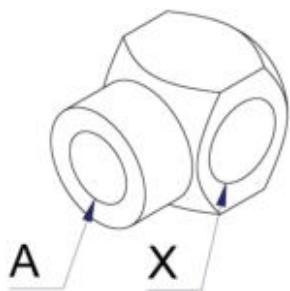
PHS-I / Pneumatic hollow bolt



Desc.	Article Nr.	A	B	C	D	PU*
PHS-5-I-5	1-90-16-00-16-PHS	M5	M5	-	-	10
PHS-18-I-18	1-90-16-00-17-PHS	G1/8	G1/8	-	-	10
PHS-14-I-14	1-90-16-00-18-PHS	G1/4	G1/4	-	-	10

\*packing unit

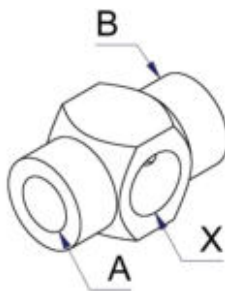
PRE / Pneumatic ring connection easy



Desc.	Article Nr.	A	B	C	D	PU*
PRE-5-5	1-90-16-00-20-PRE	M5	-	-	-	10
PRE-18-18	1-90-16-00-22-PRE	G1/8	-	-	-	10
PRE-14-14	1-90-16-00-24-PRE	G1/4	-	-	-	10

\*packing unit

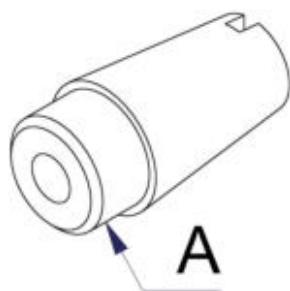
PRD / Pneumatic ring connection double



Desc.	Article Nr.	A	B	C	D	PU*
PRD-5-5-5	1-90-16-00-30-PRD	M5	M5	-	-	10
PRD-18-18-18	1-90-16-00-32-PRD	G1/8	G1/8	-	-	10
PRD-14-14-14	1-90-16-00-34-PRD	G1/4	G1/4	-	-	10

\*packing unit

PSD / Pneumatic Exhaust



Desc.	Article Nr.	A	B	C	D	PU*
PSD-5	1-90-30-00-10-PSD	M5	-	-	-	1
PSD-18	1-90-30-00-12-PSD	G1/8	-	-	-	1
PSD-14	1-90-30-00-14-PSD	G1/4	-	-	-	1
PSD-38	1-90-30-00-16-PSD	G3/8	-	-	-	1

\*packing unit

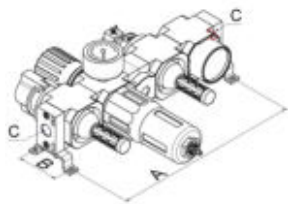
SSM / Medium Strength Threadlocker



Desc.	Article Nr.	A	B	C	D	PU*
SSM-5-MF	1-80-44-20-00-SSM	5ml	-	-	-	1

\*packing unit

DAB / compressed-air conditioning

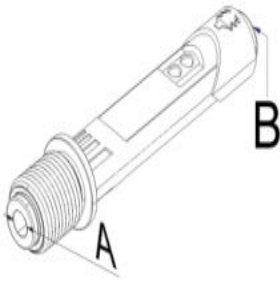


Desc.	Article Nr.	A	B	C	D	PU*	
DAB-EV-FRV-VB-DV	1-90-98-10-00-DAB	270	60	G3/8	-	1	

\*packing unit

## 92 Vacuum Generators

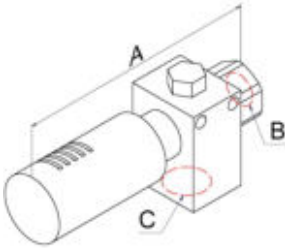
### MVE-I / Modular Vacuum Unit Inline



Desc.	Article Nr.	A	B	C	D	PU*	
MVE-I-07	1-90-00-10-36-MVE	PSC4	PSC4	-	-	1	

\*packing unit

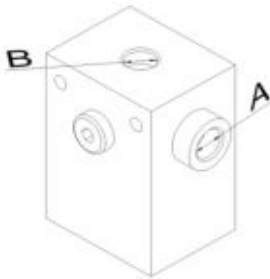
### MVE-E-1 / Modular Vacuum Unit Easy



Desc.	Article Nr.	A	B	C	D	PU*	
MVE-E-1	1-90-00-10-30-MVE	68,5	G1/8	G1/4	-	1	

\*packing unit

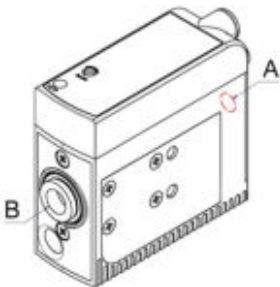
### MVE-A / Modular Vacuum Unit Air Impulse



Desc.	Article Nr.	A	B	C	D	PU*	
MVE-A	1-90-00-10-40-MVE	G1/4	G1/4	G1/4	-	1	

\*packing unit

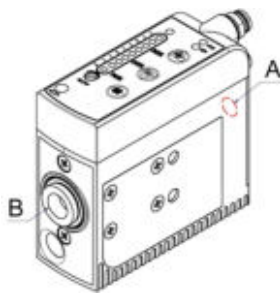
### MVE / Modular Vacuum Unit



Desc.	Article Nr.	A	B	C	D	PU*	
MVE-90-12-A	1-90-00-10-10-MVE	PSC6	PSC8	-	-	1	

\*packing unit

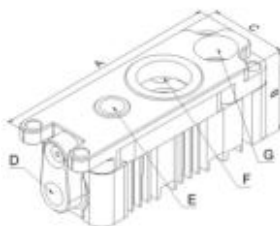
MVE-A-C / Modular Vacuum Unit with Vacuum Switch



Desc.	Article Nr.	A	B	C	D	PU*
MVE-90-12-A-C	1-90-00-10-20-MVE	PSC6	PSC8	-	-	1

\*packing unit

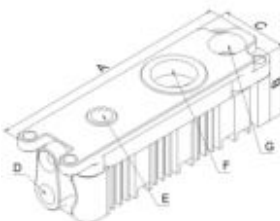
VEJ-2ST-B / Vacuum Ejector 2-stage Design Basic



Desc.	Article Nr.	A	B	C	D	PU*
VEJ-2ST-07-NV-B	1-92-20-02-00-VEJ	93	34	32	G1/8	1
VEJ-2ST-08-HV-RV-B	1-92-20-10-00-VEJ	93	34	32	G1/8	1

\*packing unit

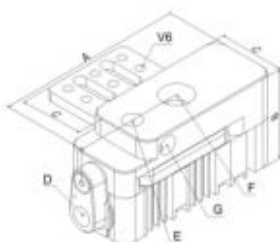
VEJ-3ST-B / Vacuum Ejector 3-stage Design Basic



Desc.	Article Nr.	A	B	C	D	PU*
VEJ-3ST-07-NV-B	1-92-20-18-00-VEJ	117	34	32	G1/8	1
VEJ-3ST-08-HV-B	1-92-20-20-00-VEJ	117	34	32	G1/8	1
VEJ-3ST-08-HV-RV-B	1-92-20-26-00-VEJ	117	34	32	G1/8	1

\*packing unit

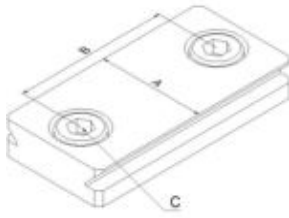
VEJ-2ST-E / Vacuum ejector 2-stage Design EOAT



Desc.	Article Nr.	A	B	C	D	PU*
VEJ-2ST-07-NV-E	1-92-20-50-00-VEJ	91	35,5	32	G1/8	1
VEJ-2ST-08-HV-E	1-92-20-52-00-VEJ	91	35,5	32	G1/8	1
VEJ-2ST-07-NV-RV-E	1-92-20-56-00-VEJ	91	35,5	32	G1/8	1
VEJ-2ST-08-HV-RV-E	1-92-20-58-00-VEJ	91	35,5	32	G1/8	1

\*packing unit

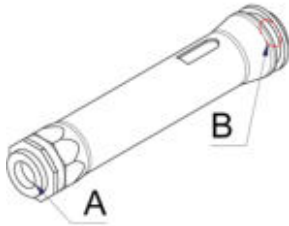
ADA-VEJ-P / Adapter plate for Vacuum ejector VEJ with Prism



Desc.	Article Nr.	A	B	C	D	PU*
ADA-VEJ-P13	1-92-21-46-00-VEJ	P13	40	M5		1
ADA-VEJ-P22	1-92-21-50-00-VEJ	P22	40	M5		1

\*packing unit

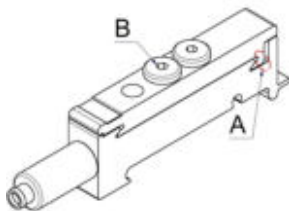
MVE-SI-I / Modular vacuum generator inline



Desc.	Article Nr.	A	B	C	D	PU*
MVE-SI-I-6-6-70	1-92-00-08-00-MVE	6	6	-10° + 80°	6	1
MVE-SI-I-6-6-98	1-92-00-10-00-MVE	6	6	-10° + 80°	6	1
MVE-SI-I-8-12-155	1-92-00-12-00-MVE	8	12	- 10°C + 80°C	6	1

\*packing unit

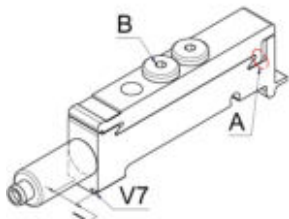
VPU-SI-S / Vacuum pump small



Desc.	Article Nr.	A	B	C	D	PU*
VPU-SI-18-S	1-92-10-10-00-VPU	G1/8"	G1/8" "	- 10°C + 50°C	6	1

\*packing unit

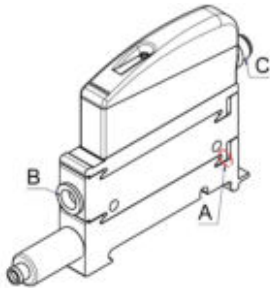
VPU-SI-S-P / Vacuum pump small with prism



Desc.	Article Nr.	A	B	C	D	PU*
VPU-SI-18-S-P13	1-92-10-11-00-VPU	G1/8"	G1/8" "	- 10°C + 50°C	6	1

\*packing unit

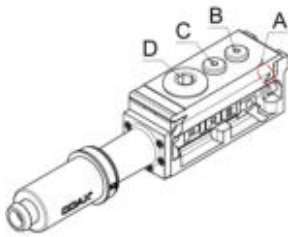
VPU-SI-S-ES / Vacuum pump small with power save function



Desc.	Article Nr.	A	B	C	D	PU*
VPU-SI-18-S-ES	1-92-10-20-00-VPU	2x G1/8"	10	M12- 8Pin	- 10°C + 50°C	1

\*packing unit

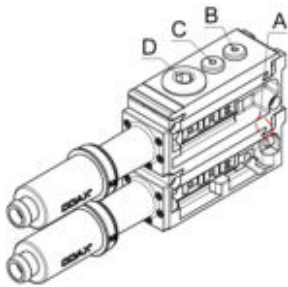
VPU-SI-M-1D / vacuum pump midi 1 injection tube



Desc.	Article Nr.	A	B	C	D	PU*
VPU-SI-10-M-1D	1-92-10-40-00-VPU	Ø10	G1/8	G1/8	G1/2	1

\*packing unit

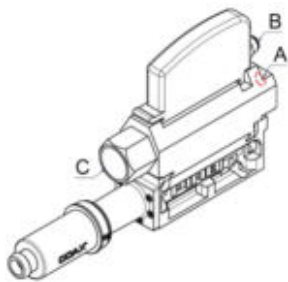
VPU-SI-M-2D / vacuum pump midi 2 injection tubes



Desc.	Article Nr.	A	B	C	D	PU*
VPU-SI-10-M-2D	1-92-10-60-00-VPU	Ø10	G1/8	G1/8	G1/2	1

\*packing unit

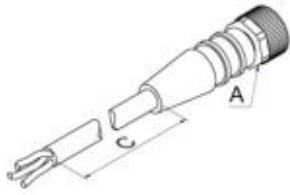
VPU-SI-M-ES / Vacuum pump midi with power save function



Desc.	Article Nr.	A	B	C	D	PU*
VPU-SI-10-M-ES	1-92-10-50-00-VPU	10	M12 x1	G3/4 "	- 10°C + 80°C	1

\*packing unit

VPU-KAB / Plug connector



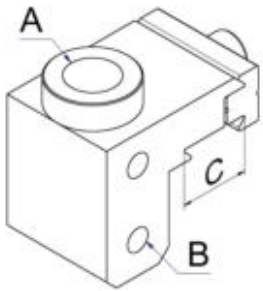
Desc.	Article Nr.	A	B	C	D	PU*	
VPU-KAB-M12-8P-2000	1-92-10-20-02-VPU	M12	8	2m	-	1	

\*packing unit



## 95 Pneumatic accessories

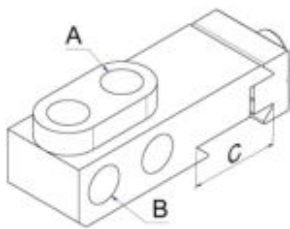
### MVB-P-1-4 / Air Vacuum Manifold Prism 1-Cycle 4-point



Desc.	Article Nr.	A	B	C	D	PU*	
MVB-P13-1-4-18-5	1-95-12-06-00-MVB	G1/8	M5	P13	-	1	
MVB-P13-1-4-18-18	1-95-12-08-00-MVB	G1/8	G1/8	P13	-	1	
MVB-P22-1-4-18-18	1-95-12-10-00-MVB	G1/8	G1/8	P22	-	1	
MVB-P22-1-8-18-18	1-95-12-14-00-MVB	G1/8	G1/8	P22	-	1	

\*packing unit

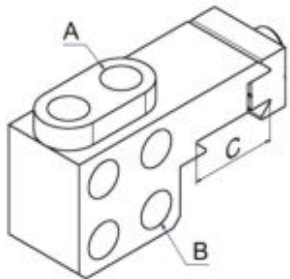
### MVB-P-2-2 / Air - Vacuum - Manifold Prism 2-circuit 2-point



Desc.	Article Nr.	A	B	C	D	PU*	
MVB-P22-2-2-18-18	1-95-12-16-00-MVB	G1/8	G1/8	P22	-	1	

\*packing unit

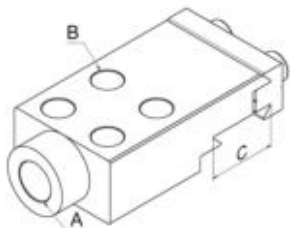
### MVB-P-2-4 / Air - Vacuum - Manifold Prism 2-circuit 4-point



Desc.	Article Nr.	A	B	C	D	PU*	
MVB-P22-2-4-18-18	1-95-12-12-00-MVB	G1/8	G1/8	P22	-	1	

\*packing unit

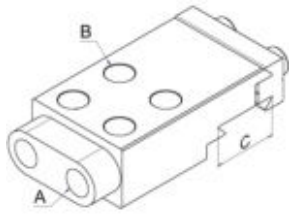
### MVB-M-P-1-8 / MVB-M-X-1-8 - Air-Vacuum- Manifold Multi 1-circuit 8-point with Prism



Desc.	Article Nr.	A	B	C	D	PU*	
MVB-M-P22-1-8-14-18	1-95-12-40-00-MVB	G1/4	G1/8	P22	-	1	

\*packing unit

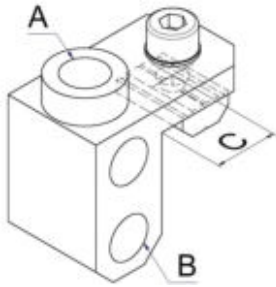
MVB-M-P-2-4 / Air-Vacuum- Manifold Multi 2-circuit 4-point with Prism



Desc.	Article Nr.	A	B	C	D	PU*
MVB-M-P22-2-4-18-18	1-95-12-44-00-MVB	G1/8	G1/8	P22	-	1

\*packing unit

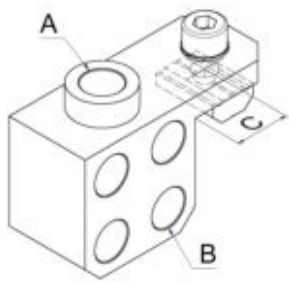
MVB-X-1-4 / Air - Vacuum - Manifold 1-circuit 4-point



Desc.	Article Nr.	A	B	C	D	PU*
MVB-X-1-4-18-18	1-95-10-00-00-MVB	G1/8	G1/8	12,5	-	1
MVB-L-1-4-18-18	1-95-10-10-00-MVB	G1/8	G1/8	20	-	1

\*packing unit

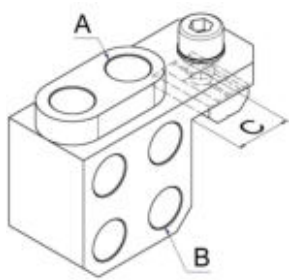
MVB-X-1-8 / Air - Vacuum - Manifold 1-circuit 8-point



Desc.	Article Nr.	A	B	C	D	PU*
MVB-X-1-8-18-18	1-95-10-20-00-MVB	G1/8	G1/8	12,5	-	1
MVB-L-1-8-18-18	1-95-10-28-00-MVB	G1/8	G1/8	20	-	1

\*packing unit

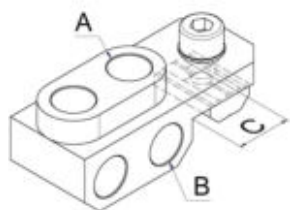
MVB-X-2-4 / Air - Vacuum - Manifold 2-circuit 4-point



Desc.	Article Nr.	A	B	C	D	PU*
MVB-X-2-4-18-18	1-95-10-24-00-MVB	G1/8	G1/8	12,5	-	1
MVB-L-2-4-18-18	1-95-10-30-00-MVB	G1/8	G1/8	20	-	1

\*packing unit

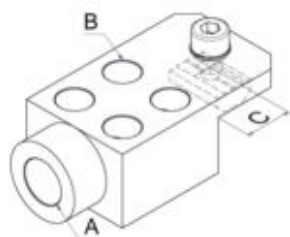
MVB-X-2-2 / Air - Vacuum - Manifold 2-circuit 2-point



Desc.	Article Nr.	A	B	C	D	PU*
MVB-X-2-2-18-18	1-95-10-34-00-MVB	G1/8	G1/8	12,5	-	1

\*packing unit

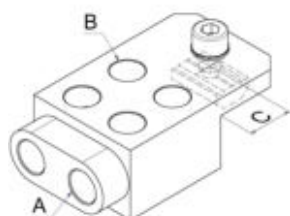
MVB-M-X-1-8 / Air - Vacuum - Manifold Multi 1-circuit 8-point



Desc.	Article Nr.	A	B	C	D	PU*
MVB-M-X-1-8-14-18	1-95-10-40-00-MVB	G1/4	G1/8	-	-	1

\*packing unit

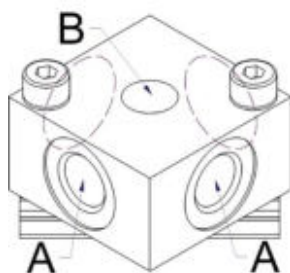
MVB-M-X-2-4 / Air - Vacuum - Manifold Multi 2-circuit 4-point



Desc.	Article Nr.	A	B	C	D	PU*
MVB-M-X-2-4-18-18	1-95-10-44-00-MVB	G1/8	G1/8	12,5	-	1

\*packing unit

MVS / Air - Vacuum - Manifold 1-circuit 4-point

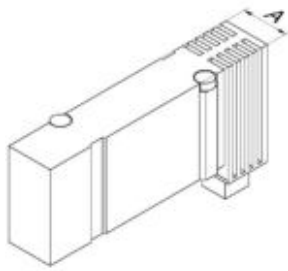


Desc.	Article Nr.	A	B	C	D	PU*
MVS-S-1-4-5-5	1-95-10-90-00-MVS	M5	M5	-	-	1
MVS-X-1-4-18-18	1-95-10-92-00-MVS	G1/8	G1/8	-	-	1
MVS-L-1-4-14-14	1-95-10-94-00-MVS	G1/4	G1/4	-	-	1

\*packing unit

## 96 Valve Technology

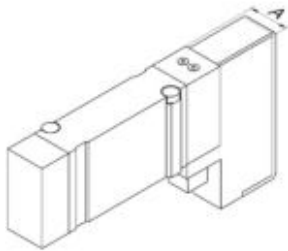
BLP / dummy plate



Desc.	Article Nr.	A	B	C	D	PU*
BLP-15-0	1-96-02-50-00-BLP	15				1

\*packing unit

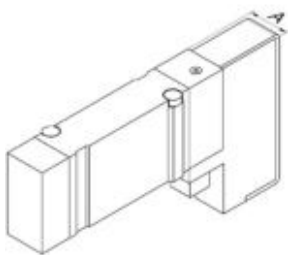
EMV-BS / electromagnetic valve bistable



Desc.	Article Nr.	A	B	C	D	PU*
EMV-BS-15-5-2	1-96-00-20-00-EMV	15	-	-	-	1

\*packing unit

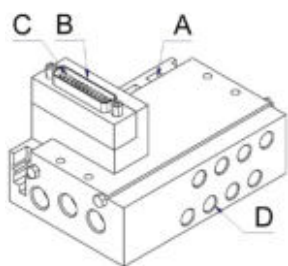
EMV-MS / electromagnetic valve monostable



Desc.	Article Nr.	A	B	C	D	PU*
EMV-MS-15-5-2	1-96-00-10-00-EMV	15	-	-	-	1

\*packing unit

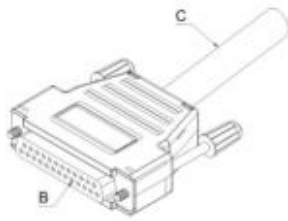
ASP / connection plate for valves



Desc.	Article Nr.	A	B	C	D	PU*
ASP-15-1-M12-4P-14	1-96-02-20-00-ASP	1	M12	4-polig	G1/4	1
ASP-15-4-D-SUB-25-18	1-96-02-22-00-ASP	4	D-SUB	25-polig	G1/8	1
ASP-15-6-D-SUB-25-18	1-96-02-24-00-ASP	6	D-SUB	25-polig	G1/8	1
ASP-15-8-D-SUB-25-18	1-96-02-26-00-ASP	8	D-SUB	25-polig	G1/8	1
ASP-15-10-D-SUB-25-18	1-96-02-28-00-ASP	10	D-SUB	25-polig	G1/8	1
ASP-15-12-D-SUB-25-18	1-96-02-30-00-ASP	12	D-SUB	25-polig	G1/8	1

\*packing unit

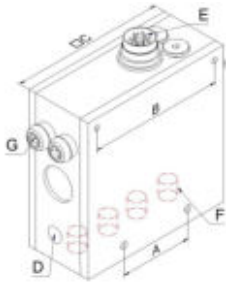
KAD-D-SUB / cable box D-SUB with cable



Desc.	Article Nr.	A	B	C	D	PU*
KAD-D-SUB-25-5	1-97-00-70-00-KAD	D-SUB	25-polig	5m	-	1

\*packing unit

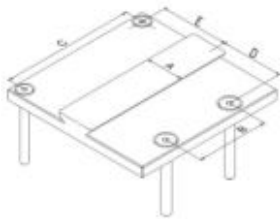
VB25 / Valve Block



Desc.	Article Nr.	A	B	C	D	PU*
VB25	1-96-48-10-00-VEB	40	74	85	G1/8	1

\*packing unit

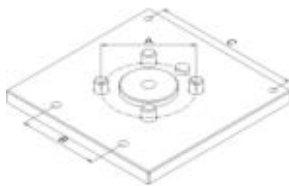
ADP-VB25-P / Adapter plate for VB25 with Prism



Desc.	Article Nr.	A	B	C	D	PU*
ADP-VB25-P22	1-96-50-10-00-ADP	P22	40	74	35	1

\*packing unit

ADP-VB25-ISO / Adapter plate for VB25 with ISO-flange

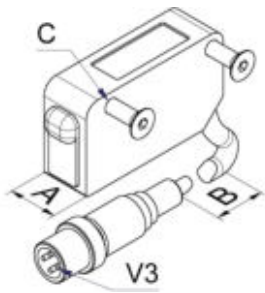


Desc.	Article Nr.	A	B	C	D	PU*
ADP-VB25-ISO31.5	1-96-52-10-00-ADP	ISO31.5	40	74		1
ADP-VB25-ISO40	1-96-52-18-00-ADP	ISO40	40	74		1
ADP-VB25-ISO50	1-96-52-26-00-ADP	ISO50	40	74		1
ADP-VB25-ISO63	1-96-52-34-00-ADP	ISO63	40	74		1

\*packing unit

## 97 Electronics Accessories

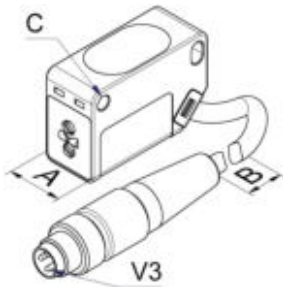
### TEK-10-K-100 / Part Control PHASED-OUT MODEL



Desc.	Article Nr.	A	B	C	D	PU*
TEK-10-K-100	1-97-00-02-00-TEK	10	100	M3	-	1

\*packing unit

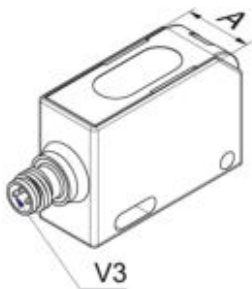
### TEK-13-K-200 / Part Control



Desc.	Article Nr.	A	B	C	D	PU*
TEK-13-K-200	1-97-01-02-00-TEK	12,8	200	3	-	1

\*packing unit

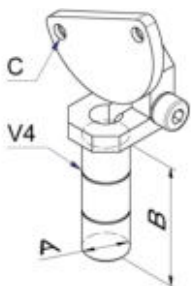
### TEK-E / Part Control easy



Desc.	Article Nr.	A	B	C	D	PU*
TEK-15-E	1-97-00-04-00-TEK	15	-	-	-	1

\*packing unit

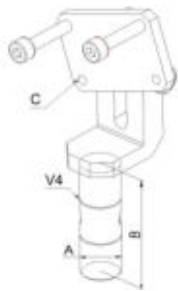
### ATK-10 / Adapter for Part Control TEK-10-K-100 PHASED-OUT MODEL



Desc.	Article Nr.	A	B	C	D	PU*
ATK-10-10-30	1-97-00-10-00-ATK	10	30	Ø3,5	-	1

\*packing unit

ATK-M / Adapter for Part Control TEK-13-K-200 and TEK-E



Desc.	Article Nr.	A	B	C	D	PU*
ATK-M-10-30	1-97-01-10-00-ATK	10	30	M2,5	-	1
ATK-M-10-60	1-97-01-11-00-ATK	10	60	M2,5	-	1
ATK-M-10-90	1-97-01-12-00-ATK	10	90	M2,5	-	1
ATK-M-14-40	1-97-01-15-00-ATK	14	40	M2,5	-	1
ATK-M-14-80	1-97-01-16-00-ATK	14	80	M2,5	-	1
ATK-M-14-120	1-97-01-17-00-ATK	14	120	M2,5	-	1

\*packing unit

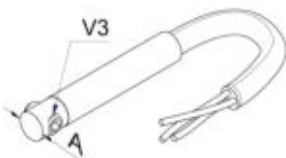
ZYS-3,7-S / Cylinder sensor with plug



Desc.	Article Nr.	A	B	C	D	PU*
ZYS-3,7-300-S	1-97-02-10-00-ZYS	3,7	-	-	-	1

\*packing unit

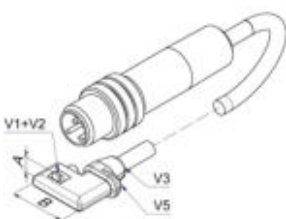
ZYS-3,7-K / Cylinder sensor with cable



Desc.	Article Nr.	A	B	C	D	PU*
ZYS-3,7-2500-K	1-97-02-12-00-ZYS	3,7	-	-	-	1

\*packing unit

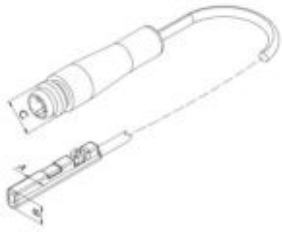
ZYS-3.7-S-90° / Cylinder sensor with plug 90°



Desc.	Article Nr.	A	B	C	D	PU*
ZYS-3,7-500-S-90	1-97-03-10-00-ZYS	3,7	12,2	-	-	1

\*packing unit

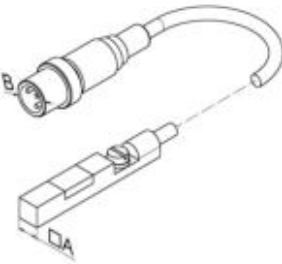
ZYS-4 / Cylinder sensor with plug



Desc.	Article Nr.	A	B	C	D	PU*	
ZYS-4-300-S	1-97-02-16-00-ZYS	3	5	M8	-	1	

\*packing unit

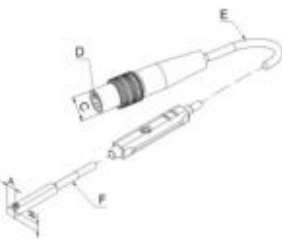
ZYS-5-5 / Cylinder sensor with plug



Desc.	Article Nr.	A	B	C	D	PU*	
ZYS-5-5-300-S	1-97-02-30-00-ZYS	5	M8	-	-	1	

\*packing unit

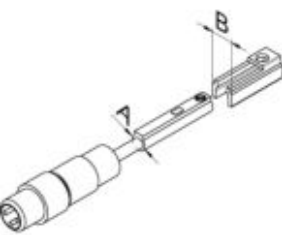
ZYS-TE / Cylinder sensor teachable



Desc.	Article Nr.	A	B	C	D	PU*	
ZYS-TE-3.8-3-300-S	1-97-02-50-00-ZYS	3,8	3	M8	4	1	
ZYS-TE-3.8-3-500-S	1-97-02-51-00-ZYS	3,8	3	M8	4	1	

\*packing unit

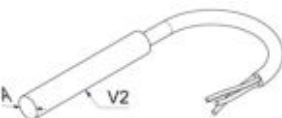
ZYS-4-H6-500-S / Cylinder sensor with plug and sensor holder for 6mm C- groove



Desc.	Article Nr.	A	B	C	D	PU*	
ZYS-4-H6-500-S	1-97-03-50-00-ZYS	4	6	-	-	1	

\*packing unit

INS / Proximity Switch

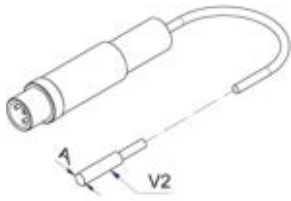


Desc.	Article Nr.	A	B	C	D	PU*	
INS-4-2000-K	1-97-02-20-00-INS	4	-	-	-	1	

\*packing unit



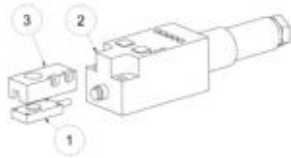
INS-3-S-M8-PNP / Inductive Proximity Switch Ø3 SCHUNK



Desc.	Article Nr.	A	B	C	D	PU*
INS-3-S-M8-PNP	1-97-02-02-00-INS	3	200	-	-	1

\*packing unit

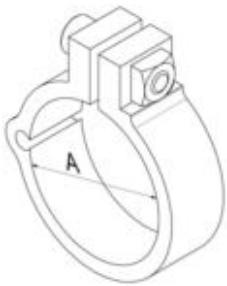
POS / Position Sensor and Processor Electronics



Desc.	Article Nr.	A	B	C	D	PU*
POS-EGP	1-97-02-98-00-POS	EGP-40, EGP-50	-	-	-	1

\*packing unit

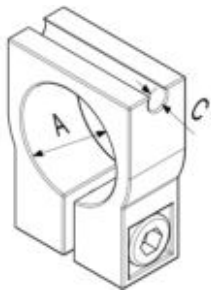
HLT / Holder for Proximity Switch



Desc.	Article Nr.	A	B	C	D	PU*
HLT-ZYS-5-5	1-97-02-32-00-HLT	8-25mm	-	ZYS-5-5	-	1
HLT-14	1-97-02-38-00-HLT	14	-	ZYS-3,7	GFI-14	1
HLT-18	1-97-02-39-00-HLT	18	-	ZYS-3,7	-	1
HLT-20	1-97-02-40-00-HLT	20	-	ZYS-3,7	GFI-20	1
HLT-30	1-97-02-42-00-HLT	30	-	ZYS-3,7	GFI-30	1

\*packing unit

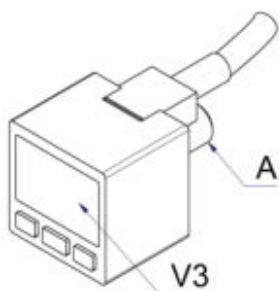
### HLT-90° / Holder for Proximity Switch 90°



Desc.	Article Nr.	A	B	C	D	PU*
HLT-14-90°	1-97-03-38-00-HLT	14	90°	ZYS-3.7	ZVE-14	1
HLT-20-90°	1-97-03-40-00-HLT	20	90°	ZYS-3.7	ZVE-20	1
HLT-30-90°	1-97-03-42-00-HLT	30	90°	ZYS-3.7	ZVE-30	1

\*packing unit

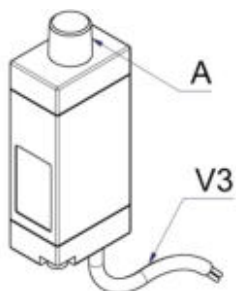
### VAS / Vacuum Switch



Desc.	Article Nr.	A	B	C	D	PU*
VAS-8	1-97-04-10-00-VAS	G1/8	-	-	-	1

\*packing unit

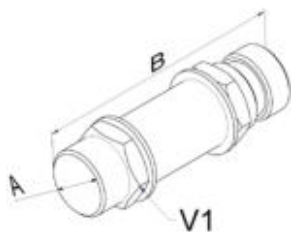
### DAS / Pressure Switch



Desc.	Article Nr.	A	B	C	D	PU*
DAS-18	1-97-04-14-00-DAS	G1/8	-	-	-	1

\*packing unit

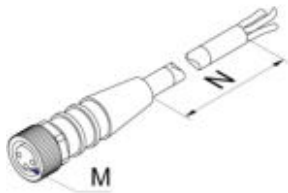
### INS-S / Proximity Switch



Desc.	Article Nr.	A	B	C	D	PU*
INS-M8-S	1-97-04-20-00-INS	M8x1	32	-	-	1
INS-M12-S	1-97-04-24-00-INS	M12x1	45	-	-	1

\*packing unit

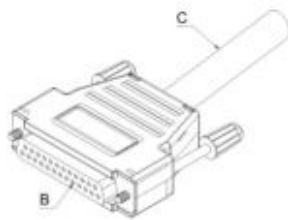
KAD / Plug connector



Desc.	Article Nr.	A	B	C	D	PU*
KAD-M8-3-1,5	1-97-00-08-00-KAD	-	-	-	-	1
KAD-M8-3-3,0	1-97-00-09-00-KAD	-	-	-	-	1
KAD-M8-3-5,0	1-97-00-10-00-KAD	-	-	-	-	1
KAD-M8-4-1,5	1-97-00-20-00-KAD	-	-	-	-	1
KAD-M8-4-3,0	1-97-00-21-00-KAD	-	-	-	-	1
KAD-M8-4-5,0	1-97-00-22-00-KAD	-	-	-	-	1
KAD-M12-3-1,5	1-97-00-24-00-KAD	-	-	-	-	1
KAD-M12-3-3,0	1-97-00-26-00-KAD	-	-	-	-	1
KAD-M12-3-5,0	1-97-00-28-00-KAD	-	-	-	-	1
KAD-M12-4-5,0	1-97-00-30-00-KAD	-	-	-	-	1

\*packing unit

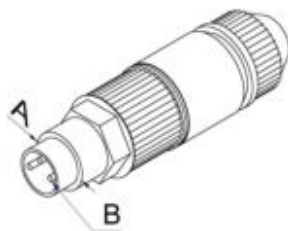
KAD-D-SUB / cable box D-SUB with cable



Desc.	Article Nr.	A	B	C	D	PU*
KAD-D-SUB-25-5	1-97-00-70-00-KAD	D-SUB	25-polig	5m	-	1

\*packing unit

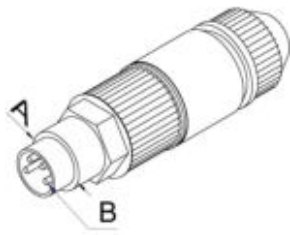
EST-3P / Plug Connection with 3 pins male



Desc.	Article Nr.	A	B	C	D	PU*
EST-M8-3P-0.08-0,25mm <sup>2</sup>	1-97-00-30-00-EST	M8	3	0.08-0,25 mm <sup>2</sup>	-	1
EST-M8-3P-0.25-0,5mm <sup>2</sup>	1-97-00-31-00-EST	M8	3	0.25-0,5m m <sup>2</sup>	-	1

\*packing unit

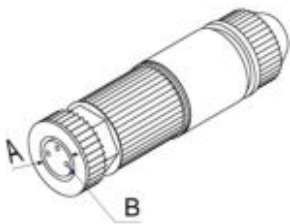
EST-4P / Plug Connection with 4 pins male



Desc.	Article Nr.	A	B	C	D	PU*
EST-M8-4P-0.08-0,25mm <sup>2</sup>	1-97-00-32-00-EST	M8	4	0.08-0,25 mm <sup>2</sup>	-	1
EST-M8-4P-0,25-0,5mm <sup>2</sup>	1-97-00-33-00-EST	M8	4	0,25-0,5m m <sup>2</sup>	-	1

\*packing unit

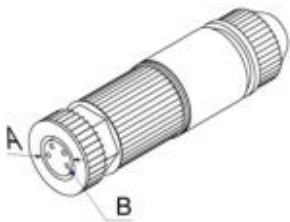
EST-3D / Plug Connection with 3 pins female



Desc.	Article Nr.	A	B	C	D	PU*
EST-M8-3D-0.08-0,25mm <sup>2</sup>	1-97-00-34-00-EST	M8	3	0.08-0,25 mm <sup>2</sup>	-	1
EST-M8-3D-0,25-0,5mm <sup>2</sup>	1-97-00-35-00-EST	M8	3	0,25-0,5m m <sup>2</sup>	-	1

\*packing unit

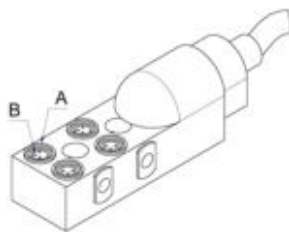
EST-4D / Plug Connection with 4 pins female



Desc.	Article Nr.	A	B	C	D	PU*
EST-M8-4D-0.08-0,25mm <sup>2</sup>	1-97-00-36-00-EST	M8	4	0.08-0,25 mm <sup>2</sup>	-	1
EST-M8-4D-0,25-0,5mm <sup>2</sup>	1-97-00-37-00-EST	M8	4	0,25-0,5m m <sup>2</sup>	-	1

\*packing unit

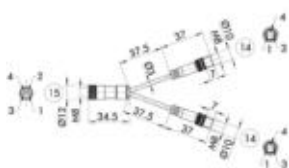
### EVE / Electric Terminal



Desc.	Article Nr.	A	B	C	D	PU*
EVE-M8-4-3P	1-97-80-10-00-EVE	4	3	-	-	1
EVE-M8-8-3P	1-97-80-14-00-EVE	8	3	-	-	1
EVE-M8-4-4P-5	1-97-80-20-00-EVE	4	4	-	-	1
EVE-M8-8-4P	1-97-80-24-00-EVE	8	4	-	-	1

\*packing unit

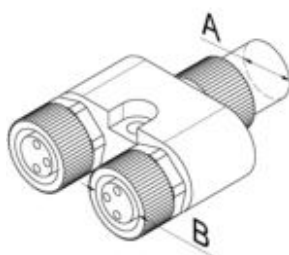
### SVE / Sensor - Distributor



Desc.	Article Nr.	A	B	C	D	PU*
SVE-M8-4P-3P-3P	1-97-80-80-00-SVE					1

\*packing unit

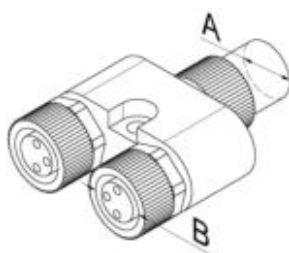
### DVE / DUO Terminal



Desc.	Article Nr.	A	B	C	D	PU*
DVE-M8-4P-3P-3P	1-97-80-60-00-DVE	M8	M8	-	-	1
DVE-M12-4P-3P-3P	1-97-80-64-00-DVE	M12	M8	-	-	1

\*packing unit

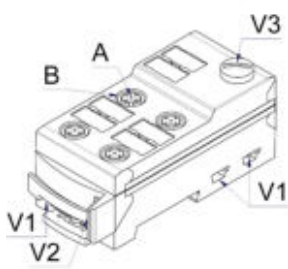
### UVE / AND Terminal



Desc.	Article Nr.	A	B	C	D	PU*
UVE-M8-3P-3P-3P	1-97-80-50-00-UVE	M8	M8	-	-	1

\*packing unit

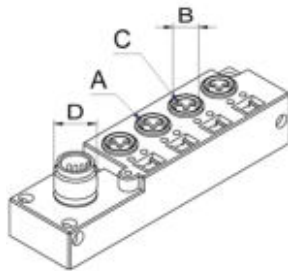
AVE / AS-i bus manifold



Desc.	Article Nr.	A	B	C	D	PU*	
AVE-4	1-97-81-20-00-AVE	4	M12 x1	-	-	1	
AVE-8	1-97-81-24-00-AVE	8	M12 x1	-	-	1	

\*packing unit

LOV / Logic distributor



Desc.	Article Nr.	A	B	C	D	PU*	
LOV-4-M8-P3	1-97-84-04-00-LOV	4	M8	3	M12	1	
LOV-8-M8-P3	1-97-84-08-00-LOV	8	M8	3	M12	1	

\*packing unit

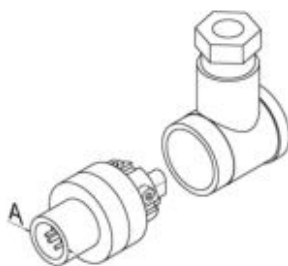
AST / AS-i connector



Desc.	Article Nr.	A	B	C	D	PU*	
AST-M12-5	1-97-81-40-00-AST	M12x1	-	-	-	1	

\*packing unit

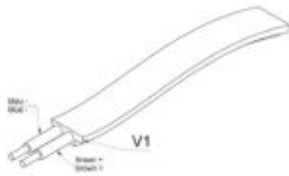
AST-W / AS-i connector angle



Desc.	Article Nr.	A	B	C	D	PU*	
AST-M12-5-W	1-97-81-42-00-AST	M12x1	-	-	-	1	

\*packing unit

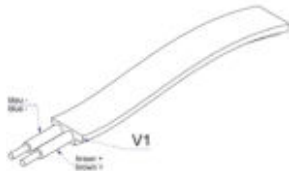
AKA-G / AS-i cable yellow signal cable



Desc.	Article Nr.	A	B	C	D	PU*
AKA-G	1-97-81-60-00-AKA					1

\*packing unit

AKA-S / AS-i cable power supply black



Desc.	Article Nr.	A	B	C	D	PU*
AKA-S	1-97-81-62-00-AKA					1

\*packing unit

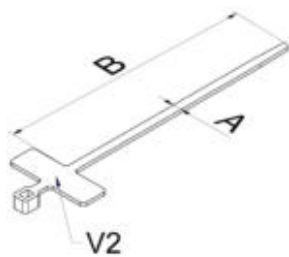
KAB / Cable Strap



Desc.	Article Nr.	A	B	C	D	PU*
KAB-150-3,6	1-97-10-02-00-KAB	3,6	150	-	-	100
KAB-250-3.6	1-97-10-04-00-KAB	3,6	250	-	-	100

\*packing unit

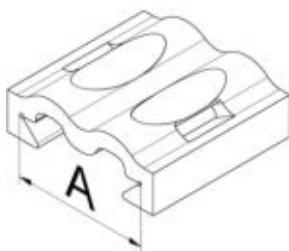
KAB-S / Cable Strap



Desc.	Article Nr.	A	B	C	D	PU*
KAB-80-2.5-S	1-97-10-10-00-KAB	2,5	80	-	-	10

\*packing unit

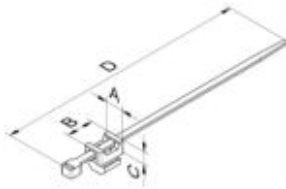
KBE-P / Cable Clamp with Prism



Desc.	Article Nr.	A	B	C	D	PU*
KBE-P13	1-97-10-40-00-KBE	P13	-	-	-	1
KBE-P22	1-97-10-46-00-KBE	P22	-	-	-	1

\*packing unit

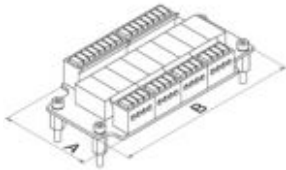
### KBE / Cable Clamp



Desc.	Article Nr.	A	B	C	D	PU*	
KBE-2	1-97-10-30-00-KBE	10	15	7	150	10	
KBE-4	1-97-10-34-00-KBE	15	23	10	250	10	

\*packing unit

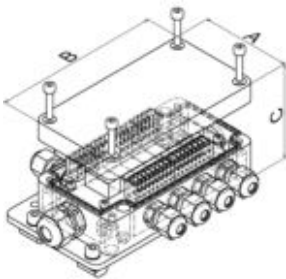
### REP / Relay Board



Desc.	Article Nr.	A	B	C	D	PU*	
REP-4	1-97-20-10-00-REP	50	104	-	-	1	
REP-8	1-97-20-16-00-REP	50	104	-	-	1	

\*packing unit

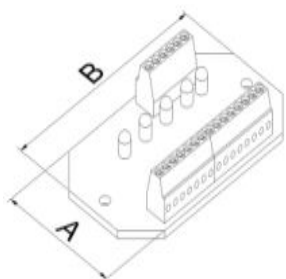
### RPG / Relay Board with Enclosure



Desc.	Article Nr.	A	B	C	D	PU*	
RPG-4-120-65	1-97-20-20-00-RPG	65	115	40	-	1	
RPG-8-120-65	1-97-20-26-00-RPG	65	115	40	-	1	

\*packing unit

### REK / Terminal Blocks

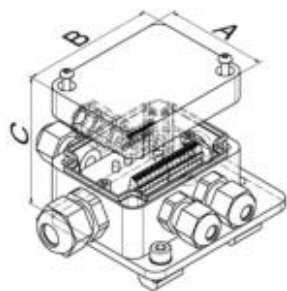


Desc.	Article Nr.	A	B	C	D	PU*	
REK-4-65-50	1-97-20-40-02-REK	32	55	-	-	1	

\*packing unit



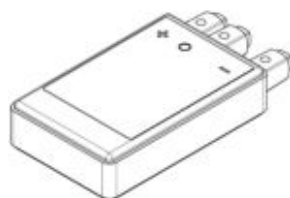
RKG / Terminal Blocks with Enclosure



Desc.	Article Nr.	A	B	C	D	PU*
RKG-4-65-50	1-97-20-40-00-RKG	50	66	40	-	1

\*packing unit

SET / Sensor Test Unit



Desc.	Article Nr.	A	B	C	D	PU*
SET-6-P	1-97-22-10-00-SET	-	-	-	-	1

\*packing unit

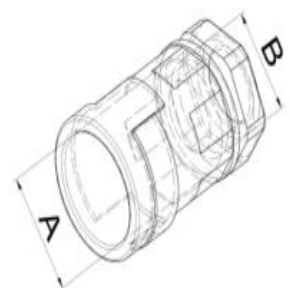
KSS / Cable Save Tube



Desc.	Article Nr.	A	B	C	D	PU*
KSS-17	1-97-25-10-00-KSS	17	-	-	-	1
KSS-23	1-97-25-16-00-KSS	23	-	-	-	1
KSS-36	1-97-25-20-00-KSS	36	-	-	-	1

\*packing unit

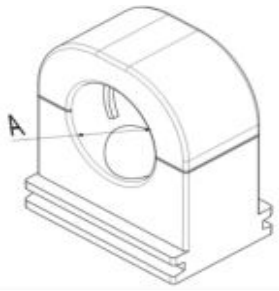
KAG / Cable Save Tube Connection straight



Desc.	Article Nr.	A	B	C	D	PU*
KAG-17-G	1-97-25-40-00-KAG	17	14,5	-	-	1
KAG-36-G	1-97-25-50-00-KAG	36	32	-	-	1

\*packing unit

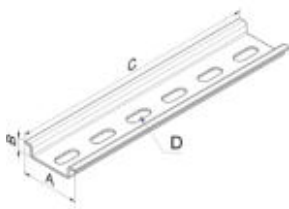
### KSH / Cable Save System Holder



Desc.	Article Nr.	A	B	C	D	PU*	
KSH-17	1-97-25-60-00-KSH	17	-	-	-	1	
KSH-23	1-97-25-62-00-KSH	23	-	-	-	1	
KSH-36	1-97-25-70-00-KSH	36	-	-	-	1	

\*packing unit

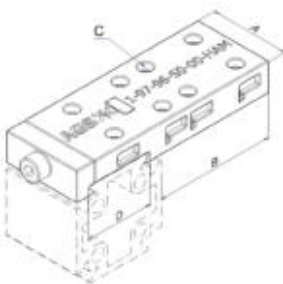
### HUT / cap rail



Desc.	Article Nr.	A	B	C	D	PU*	
HUT-35-7,5-2000-L	1-97-81-90-00-HUT	35	7,5	2000	+	1	
HUT-35-7,5-2000	1-97-81-92-00-HUT	35	7,5	2000	-	1	

\*packing unit

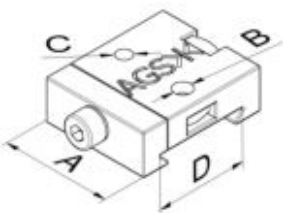
### HAM-LOV / Holder for Logic Distributor LOV



Desc.	Article Nr.	A	B	C	D	PU*	
HAM-25-38-P22-4-LOV	1-97-96-50-00-HAM	25	38	M4	P22	2	

\*packing unit

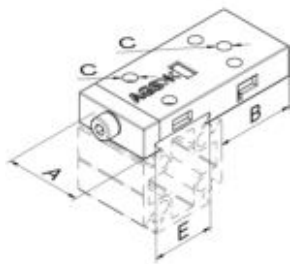
### HAM-P-S / Holder multi compatible small



Desc.	Article Nr.	A	B	C	D	PU*	
HAM-25-0-4-3-P22-S	1-97-96-10-00-HAM	25	M4	M3	P22	1	

\*packing unit

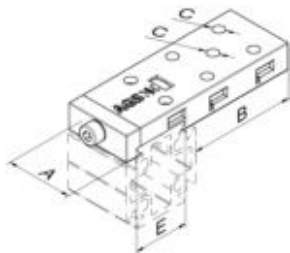
HAM-P-M / Holder multi compatible medium



Desc.	Article Nr.	A	B	C	D	PU*	
HAM-25-25-4-P22-M	1-97-96-16-00-HAM	25	25	M4	-	1	

\*packing unit

HAM-P-L / Holder multi compatible large

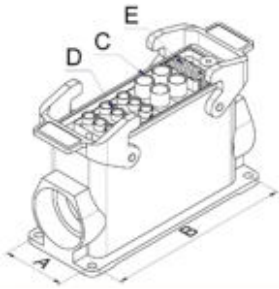


Desc.	Article Nr.	A	B	C	D	PU*	
HAM-25-40-4-P22-L	1-97-96-22-00-HAM	25	40	M4	-	1	

\*packing unit

## 98 Electric / Pneumatic Plug Connector

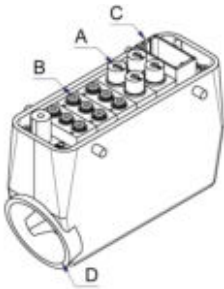
AGH / mounting case



Desc.	Article Nr.	A	B	C	D	PU*
AGH-P-13-E-17	1-98-10-40-00-AGH	45	105	4xPS C-6	9xPS C-4	1

\*packing unit

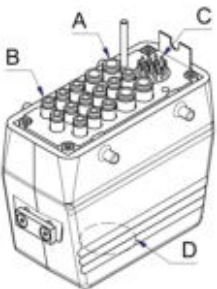
TGH / Grommetcase



Desc.	Article Nr.	A	B	C	D	PU*
TGH-P-13-E-17	1-98-10-50-00-TGH	4xPSC- 6	9xPS C-4	17	M40	1

\*packing unit

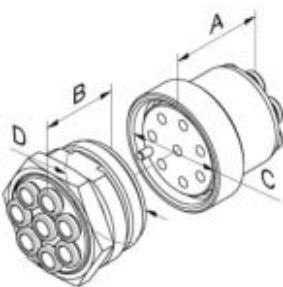
TGH-KM / Grommetcase KraussMaffei



Desc.	Article Nr.	A	B	C	D	PU*
TGH-P-16-E-19-KM	1-98-10-80-00-TGH	4xPSC- 6	12xP SC-4	19	M40	1
TGH-P-20-E-38-KM	1-98-10-90-00-TGH	6xPSC- 6	14xP SC-4	2x19	M50 x1,5	1

\*packing unit

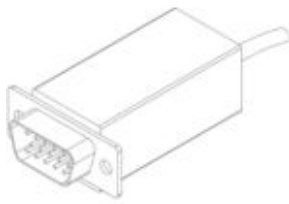
PMK / Pneumatic Multicoupling



Desc.	Article Nr.	A	B	C	D	PU*
PMK-8-6	1-90-12-00-90-PMK	36	30	M40	M40	1

\*packing unit

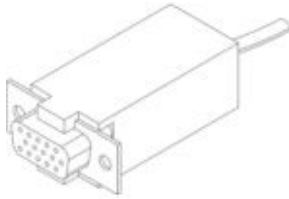
EST-K-ST / Electro Connector Male with cable



Desc.	Article Nr.	A	B	C	D	PU*
EST-K-ST-GGP-11-15	1-97-00-40-00-EST	-	-	-	-	1
EST-K-ST-GGP-20-19	1-97-00-50-00-EST	-	-	-	-	1

\*packing unit

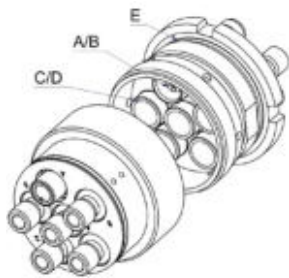
EST-K-BU / Electro Connector Female with cable



Desc.	Article Nr.	A	B	C	D	PU*
EST-K-BU-GWS-11-15	1-97-00-42-00-EST	-	-	-	-	1
EST-K-BU-GWS-20-19	1-97-00-52-00-EST	-	-	-	-	1

\*packing unit

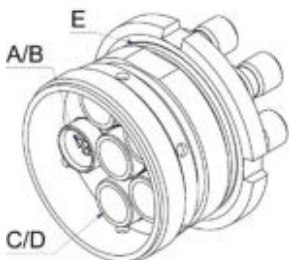
EPM / Electro-Pneumatic Multiple Clutch



Desc.	Article Nr.	A	B	C	D	PU*
EPM-1E-8-6P-4-MA	1-98-20-10-00-EPM	1	8-p	6	2,5/4 mm	1
EPM-1E-5-5P-6-OA	1-98-20-20-00-EPM	1	5-p	5	4/6m m	1
EPM-1E-5-5P-6-MA	1-98-20-30-00-EPM	1	5-p	5	4/6m m	1

\*packing unit

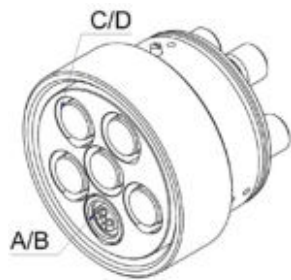
EPM-D / Electro-Pneumatic Multiple Clutch Socket



Desc.	Article Nr.	A	B	C	D	PU*
EPM-D-1E-8-6P-4-MA	1-98-20-12-00-EPM	1	8-p	6	2,5/4 mm	1
EPM-D-1E-5-5P-4-6-OA	1-98-20-22-00-EPM	1	5-p	5	4/6m m	1
EPM-D-1E-5-5P-6-MA	1-98-20-32-00-EPM	1	5-p	5	4/6m m	1

\*packing unit

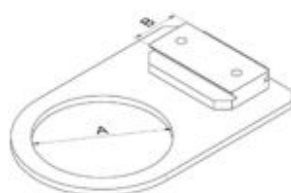
EPM-S / Electro-Pneumatic Multiple Clutch Plug



Desc.	Article Nr.	A	B	C	D	PU*	
EPM-S-1E-8-6P-4-MA	1-98-20-14-00-EPM	1	8-p	6	2,5/4 mm	1	
EPM-S-1E-5-5P-6-OA	1-98-20-24-00-EPM	1	5-p	5	4/6m m	1	
EPM-S-1E-5-5P-6-MA	1-98-20-34-00-EPM	1	5-P	5	4/6m m	1	

\*packing unit

HMK-EPM-D / Holder for E/P-Plug EPM-D-5-1

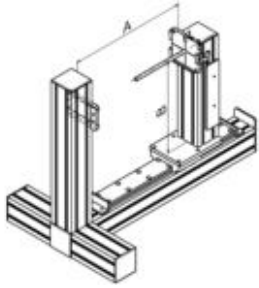


Desc.	Article Nr.	A	B	C	D	PU*	
HMK-EPM-D	1-98-20-70-00-HMK	54,5	P22			1	

\*packing unit

## 99 EOAT accessories start sets

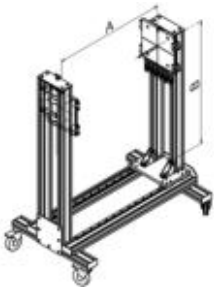
### MBO-T / Support Frame - Table Version



Desc.	Article Nr.	A	B	C	D	PU*	
MBO-1-T	1-99-90-00-01-000	398	315			1	
MBO-2-T	1-99-90-00-05-000	398	315			1	

\*packing unit

### MBO-F / Support Frame - Standing Version



Desc.	Article Nr.	A	B	C	D	PU*	
MBO-3-770-F	1-99-90-00-15-000	772	852, 5	GWS -3		1	
MBO-3-1300-F	1-99-90-00-16-000	1300	852, 5	GWS -3		1	

\*packing unit

### GSS-P / EOAT - Start Set prism



Desc.	Article Nr.	A	B	C	D	PU*	
GSS-GGP1-P13-D10	1-99-95-00-80-GSS	P13	10	-	-	1	
GSS-GGP1-P13-D10-D14	1-99-95-00-82-GSS	P13	10+1 4	-	-	1	
GSS-GGP2-P22-D14	1-99-95-00-90-GSS	P22	14	-	-	1	
GSS-GGP2-P22-D14-D20	1-99-95-00-92-GGS	P22	14+2 0	-	-	1	

\*packing unit

GSS-U-P / EOAT - transfer set Channel-nut to Prism



Desc.	Article Nr.	A	B	C	D	PU*
GSS-U-GGP1-P13-D10	1-99-95-00-60-GSS	P13	10	-	-	1
GSS-U-GGP1-P13-D10-D14	1-99-95-00-62-GSS	P13	10+1 4	-	-	1
GSS-U-GGP2-P22-D14	1-99-95-00-70-GSS	P22	14	-	-	1
GSS-U-GGP2-P22-D14-D20	1-99-95-00-72-GSS	P22	14+2 0	-	-	1

\*packing unit

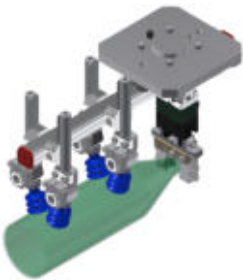
GSS-S / EOAT - Start Set Standard Channel-nut



Desc.	Article Nr.	A	B	C	D	PU*
GSS-S-1	1-99-95-00-10-GSS	SPR	10	-	-	1
GSS-S-2	1-99-95-00-20-GSS	SPR	10	-	-	1
GSS-X-1	1-99-95-00-30-GSS	XPR	14	-	-	1
GSS-X-2	1-99-95-00-40-GSS	XPR	14	-	-	1

\*packing unit

GSS-P-SCHUNK / EOAT - Start Set Prism SCHUNK



Desc.	Article Nr.	A	B	C	D	PU*
GSS-ADP-ISO50-P13-MGP32-Schunk	1-99-95-01-10-GSS	ADP-ISO50	P13	PAG - MPG -32	-	1

\*packing unit

KOF / case with removable insert boxes



Desc.	Article Nr.	A	B	C	D	PU*
KOF	9-84-99-00-10-010					1

\*packing unit



INB / hexagon screwdriver component threepart



Desc.	Article Nr.	A	B	C	D	PU*	
INB-3-4-5	1-99-90-00-08-000					1	

\*packing unit

TSS / testset vacuum attempts



Desc.	Article Nr.	A	B	C	D	PU*	
TSS	1-99-90-00-09-000					1	

\*packing unit

TSS-SG3 / testset vacuum attempts with different SG3



Desc.	Article Nr.	A	B	C	D	PU*	
TSS-SG3	1-99-90-00-14-000					1	

\*packing unit

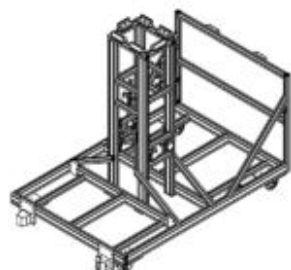
MGB-P / Sample Gripper Tree



Desc.	Article Nr.	A	B	C	D	PU*	
MGB-P	1-99-02-10-00-MGB					1	

\*packing unit

TRO / EOAT Trolley

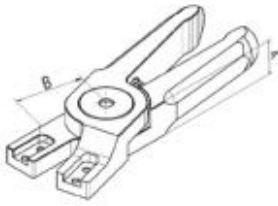


Desc.	Article Nr.	A	B	C	D	PU*	
TRO	1-99-90-00-60-000					1	

\*packing unit

## NEWS

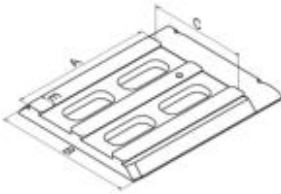
### SZE-AS-K / Sprue Cutter Basic Body for various blades



Desc.	Article Nr.	A	B	C	D	PU*
SZE-AS-30-K	1-75-20-10-00-SZE	17	31			1

\*packing unit

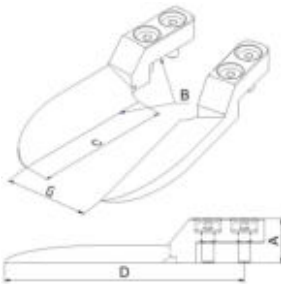
### GGP-MRK-P / Ground Plate with protective Sheathing



Desc.	Article Nr.	A	B	C	D	PU*
GGP-MRK-0-P13-0-2	1-10-22-16-00-GGP	60	60	35	0°	1
GGP-MRK-1-P13-0-3	1-10-22-30-00-GGP	100	100	60	0°	1
GGP-MRK-2-P22-0-3	1-10-22-44-00-GGP	160	160	120	0°	1

\*packing unit

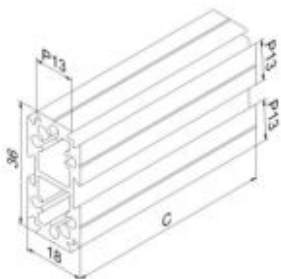
### SZE-AS-0°-G-S / Sprue Cutter Basic Body Blades for SZE-AS-K with rounded tips



Desc.	Article Nr.	A	B	C	D	PU*
SZE-AS-0°-40-G-S	1-75-22-32-00-SZE	11	0°	39,5	59,5	1

\*packing unit

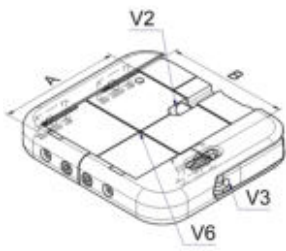
### SPP-36-18 / PreciGrip Profile



Desc.	Article Nr.	A	B	C	D	PU*
SPP-36-18-P13-1000	1-15-80-01-30-SPP	-	-	1000	M4	1
SPP-36-18-P13-2000	1-15-80-01-50-SPP	-	-	2000	M4	1
SPP-36-18-P13-0001	1-15-81-50-01-SPP	-	-	1	M4	1
Zuschnitt für Profil	9-95-90-91-00-ZUS			-	-	1

\*packing unit

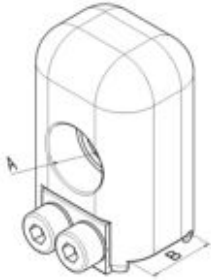
GWS-MRK / EOAT Quick-Change System with protective Sheathing



Desc.	Article Nr.	A	B	C	D	PU*
GWS-MRK-0	1-10-20-08-00-GWS	60	60			1
GWS-MRK-1	1-10-20-10-00-GWS	100	100			1
GWS-MRK-2	1-10-20-12-00-GWS	160	160			1

\*packing unit

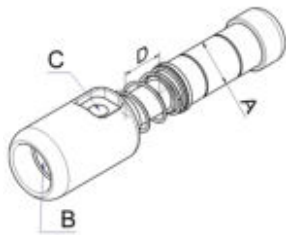
KST-MRK-P-W / Clamp Prism angle with protective Sheath



Desc.	Article Nr.	A	B	C	D	PU*
KST-MRK-10-P13-W	1-30-48-10-00-KST	10	P13			1
KST-MRK-14-P13-W	1-30-48-14-00-KST	14	P13			1

\*packing unit

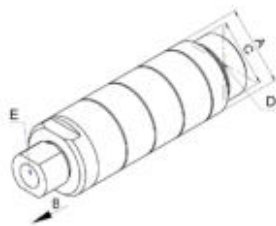
GGD-MRK / Spring Loaded Vacuum Cup Arm with protective Sheath



Desc.	Article Nr.	A	B	C	D	PU*
GGD-MRK-10-5-5-10	1-40-46-06-00-GGD	10	M5	M5	10	1
GGD-MRK-14-18-18-40	1-40-46-12-00-GGD	14	G1/8	G1/8	40	1

\*packing unit

### KHZ / Short-Stroke Cylinder



Desc.	Article Nr.	A	B	C	D	PU*
KHZ-14-5	1-80-28-10-00-KHZ	14	5	M12 x1	M5	1
KHZ-14-10	1-80-28-14-00-KHZ	14	10	M12 x1	M5	1
KHZ-20-10	1-80-28-20-00-KHZ	20	10	M17 x1	M5	1
KHZ-20-20	1-80-28-24-00-KHZ	20	20	M17 x1	M5	1
KHZ-30-10	1-80-28-30-00-KHZ	30	10	M27 x1	G1/8 "	1
KHZ-30-20	1-80-28-34-00-KHZ	30	20	M27 x1	G1/8 "	1
KHZ-30-30	1-80-28-38-00-KHZ	30	30	M27 x1	G1/8 "	1

\*packing unit

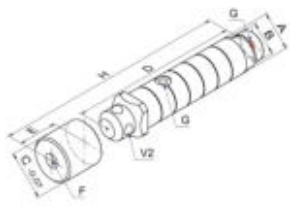
### KHZ-DW / Short-Stroke Cylinder Double-acting



Desc.	Article Nr.	A	B	C	D	PU*
KHZ-14-5-DW	1-80-30-10-00-KHZ	14	5	M12 x1	M5	1
KHZ-14-10-DW	1-80-30-14-00-KHZ	14	10	M12 x1	M5	1
KHZ-20-10-DW	1-80-30-20-00-KHZ	20	10	M17 x1	M5	1
KHZ-20-20-DW	1-80-30-24-00-KHZ	20	20	M17 x1	M5	1
KHZ-30-10-DW	1-80-30-30-00-KHZ	30	10	M27 x1	M5	1
KHZ-30-20-DW	1-80-30-34-00-KHZ	30	20	M27 x1	M5	1
KHZ-30-30-DW	1-80-30-38-00-KHZ	30	30	M27 x1	M5	1

\*packing unit

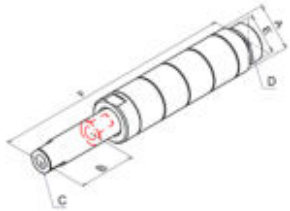
ZVE-DW / Centring Locking double acting



Desc.	Article Nr.	A	B	C	D	PU*
ZVE-20-DW	1-80-48-10-00-ZVE	20	M17 x1	25	103	1

\*packing unit

VST / Vacuum Spring Plunger



Desc.	Article Nr.	A	B	C	D	PU*
VST-14-5-5-20	1-40-48-10-00-VST	14	20	M5	M5	1
VST-20-18-5-30	1-40-48-20-00-VST	20	30	G1/8	M5	1

\*packing unit

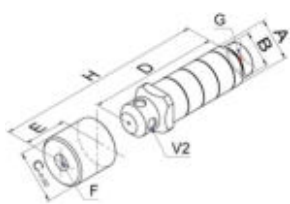
GKI / Gripper Cushion



Desc.	Article Nr.	A	B	C	D	PU*
GKI-80-RD	1-69-94-10-00-GKI	Ø80	141	40	20N	1
GKI-150-RD	1-69-94-14-00-GKI	Ø150	179	65	80N	1
GKI-80-RD-V-P22	1-69-94-20-00-GKI	Ø80		40	20N	1
GKI-300-200-RE	1-69-94-30-00-GKI	300	200	154	126	1

\*packing unit

ZVE / Centring Locking Unit



Desc.	Article Nr.	A	B	C	D	PU*
ZVE-14	1-80-41-88-00-ZVE	14	M12 x1	20	63	1
ZVE-20	1-80-41-90-00-ZVE	20	M17 x1	25	73	1
ZVE-30	1-80-41-92-00-ZVE	30	M27 x1	30	103	1

\*packing unit

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