

# Sprue grippers

## Jaw shapes



### Sprue grippers Series 60 – Closing force 3.5 N – single-acting

Version	Jaw shapes							
	Standard	Sawtooth jaws round	Sawtooth jaws straight	Parrot	HNBR Pad Silicone Pad	Universal	extra wide	Fully HNBR-coated
without sensor	GR04.60	--	--	--	--	--	--	--

### Sprue grippers Series 80 – Closing force 12 N – single-acting

Version	Jaw shapes							
	Standard	Sawtooth jaws round	Sawtooth jaws straight	Parrot	HNBR Pad Silicone Pad	Universal	extra wide	Fully HNBR-coated
without sensor	GR04.080	--	--	--	GR04.080H GR04.080SI	--	--	--
PNP, direct*	GR04.080-1P	--	--	--	--	--	--	--
NPN, direct*	GR04.080-1N	--	--	--	--	--	--	--

### Sprue grippers Series 90 – Closing force 15 N – single-acting

Version	Jaw shapes							
	Standard	Sawtooth jaws round	Sawtooth jaws straight	Parrot	HNBR Pad Silicone Pad	Universal	extra wide	extra long
without sensor	GR04.090	--	--	--	GR04.090H GR04.090SI	--	GR04.090XW	--
PNP, direct*	GR04.090-1P	--	--	--	--	--	--	--
NPN, direct*	GR04.090-1N	--	--	--	--	--	--	--
PNP, direct**	--	--	--	--	GR04.090H-2P GR04.090SI-2P	--	--	--
NPN, direct**	--	--	--	--	GR04.090H-2N GR04.090SI-2P	--	--	--
PNP, indirect	GR04.090-3P	--	--	--	--	--	--	--

\* direct monitoring, one freely adjustable switching point

\*\* direct/indirect monitoring, two freely adjustable switching points teachable

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### Sprue grippers Series 100 – Closing force 22 N – single-acting

Version	Jaw shapes							
	Standard	Sawtooth jaws round	Sawtooth jaws straight	Parrot	HNBR Pad	Universal	extra wide	Fully HNBR-coated
without sensor	GR04.100	GR04.100B	GR04.100S	GR04.100P	GR04.100H	GR04.100U	GR04.100XW	GR04.100HNBR
PNP, direct*	GR04.100-1P	--	GR04.100S-1P	GR04.100P-1P	--	--	--	--
NPN, direct*	GR04.100-1N	--	GR04.100S-1N	GR04.100P-1N	--	--	--	--
PNP, direct**	GR04.100-2P	--	--	--	GR04.100H-2P	--	--	--
NPN, direct**	GR04.100-2N	--	--	--	GR04.100H-2N	--	--	--
PNP, indirect	GR04.100-3P	--	--	--	--	--	--	--
NPN, indirect	GR04.100-3N	--	--	--	--	--	--	--

### Sprue grippers Series 130 – Closing force 95 N – single-acting

Version	Jaw shapes							
	Standard	Sawtooth jaws round	Sawtooth jaws straight	Parrot	HNBR Pad	Universal	extra wide	extra long
without sensor	GR04.130	GR04.130B	GR04.130S	GR04.130P	GR04.130H	GR04.130U	GR04.130XW	GR04.130SXL
PNP, direct*	GR04.130-1P	GR04.130B-1P	--	GR04.130P-1P	--	--	--	--
NPN, direct*	GR04.130-1N	GR04.130B-1N	--	GR04.130P-1N	--	--	--	--
PNP, direct**	--	--	--	--	GR04.130H-2P	--	GR04.130XW-2P	GR04.130SXL-2P
NPN, direct**	--	--	--	--	GR04.130H-2N	--	GR04.130XW-2N	GR04.130SXL-2N
PNP, indirect	GR04.130-3P	--	--	--	--	--	GR04.130XW-3P	--

\* direct monitoring, one freely adjustable switching point

\*\* direct/indirect monitoring, two freely adjustable switching points teachable

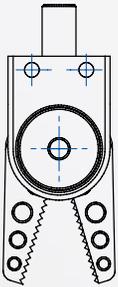
### Other versions available – please contact us!

- Series 100 – Standard jaws double-acting, closing force 20 N
- Series 100 – Sprue gripper Standard rotatable, closing force 22 N
- Series 120 – Sprue gripper with indirect sensing, closing force 83 N
- Series 110 – Sprue gripper for direct mounting, closing force 95 N
- Series 2016 – Sprue gripper self-centering, closing force 52 N
- Series 325 – Power grippers, closing force 365 N
- Series 332 – Power grippers, closing force 310 N



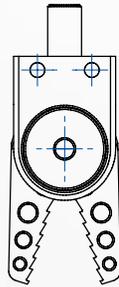
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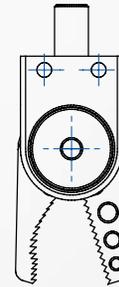
STANDARD

- available with and without sensor
- with wide jaw opening for large gates
- gates
- tight closing for flat gates



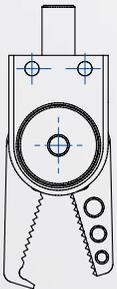
SAWTOOTH JAWS STRAIGHT

- GR04.130S without sensor
- GR04.100S available with and without sensor
- with sawtooth profile for inclined gates



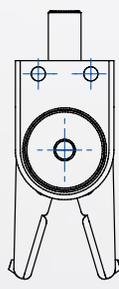
SAWTOOTH JAWS ROUND

- GR04.100B without sensor
- GR04.130B available with and without sensor
- with rounded gripper jaws for large/inclined gates



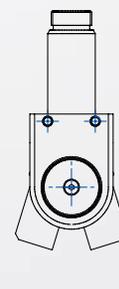
PARROT

- GR04.100P, GR04.130P
- also available with sensor
- with parrot beak for tightly seated sprues or undercuts



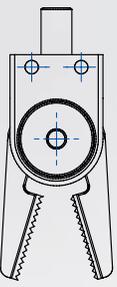
PADS REPLACEABLE

- available with and without sensor
- with replaceable HNBR pads for gentle handling
- Series 80 / 90 with **FDA-compliant** replaceable **silicone pads**



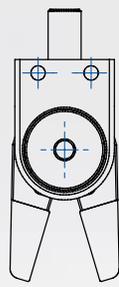
UNIVERSAL

- GR04.100U, GR04.130U
- for special gripper jaws
- closing force depends on the shape of the gripper jaws



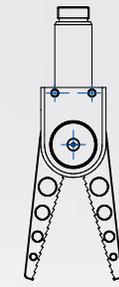
EXTRA WIDE

- GR04.090XW, GR04.100XW without sensor
- GR04.130XW available with and without sensor
- with extra wide gripper jaws for flat gates



FULLY HNBR-COATED

- GR04.100HNBR without sensor
- Gripper jaws with full HNBR coating for particularly gentle gripping without scratching the surface



EXTRA LONG

- GR04.130SXL
- also available with sensor
- sawtooth profile with extra-long jaws for long sprues