

NEW



SYNTHETIC GRIPPER RRMG

Your customized gripper solution for sensitive workpieces with complex geometries

RÖHM
driven by technology

RRMG SYNTHETIC GRIPPER

Whether round profiles, prismatic workpieces or free-form surfaces, the synthetic gripper RRMG from RÖHM is individually adapted to your workpiece and produced for you. It only needs a 3D-model of the workpiece and RÖHM is developing and producing your individual synthetic gripper RRMG. This customized solution is perfect for gripping and clamping sensitive workpieces with complex geometries.

30 % HIGHER GRIPPING FORCE

- ⊕ Secure gripping and clamping of larger workpieces by 30 % higher clamping force
- ⊕ New robust, durable and weight-reduced design

MAXIMUM PROCESS RELIABILITY

- ⊕ Up to 16 million gripping cycles without maintenance or wear and tear
- ⊕ Optional position monitoring by installable standard sensors

OPTIMIZED DESIGN

FEM optimized structure with reinforcements for maximum rigidity and long life

Customized and perfectly adapted jaws, based on the workpiece

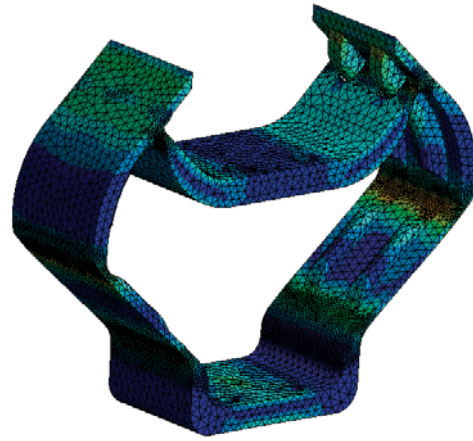
Installable standard sensors for maximum process control and automation

New robust, durable and weight-optimized design



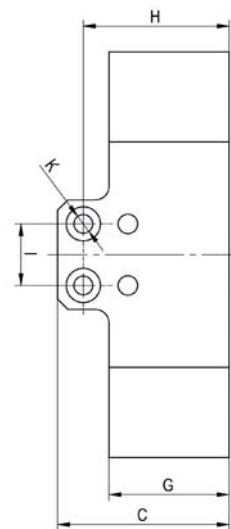
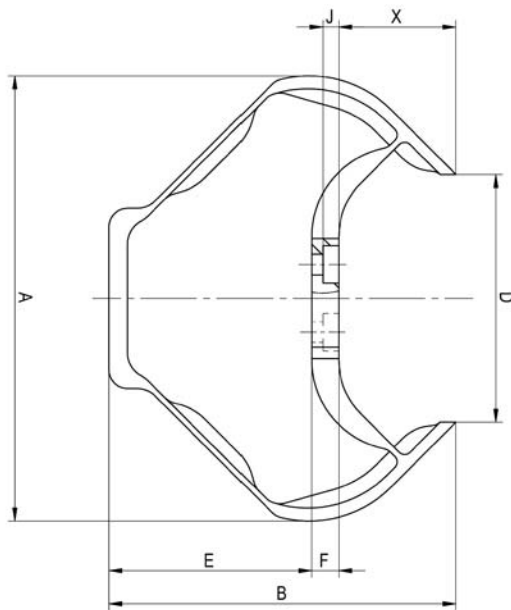
OPTIMIZED DESIGN

The especially robust and durable design of new synthetic gripper RRMG allows 30 % higher clamping force and enables secure gripping and clamping of even larger workpieces.



INDIVIDUAL UNIQUE PIECE

By using the 3D-model of the workpiece, the synthetic gripper RRMG is customized and perfectly adapted to the part to grip. Special jaws with free-form surfaces allow secure gripping and clamping of sensitive workpieces with complex geometries.



Synthetic gripper RRMG

	Size	Gripping force (N)*	Hub (mm)*	Gripping point X	A	B	C	D	E	F	G	H	I	J	K Ø
RRMG	2	80	2,6	23,2	92	75,8	37	50	47	5,5	25	31	13	3,4	4,5
RRMG	3	152	4,3	31,2	118,6	92,4	50	66	54	7,2	35	42,5	18	4,2	5,5

* at gripping point X



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