

ID grippers range

Overview



ID grippers for workpieces with boreholes and round recesses

- Single-acting grippers with high holding force
- Gripper bellow expanded by pneumatically driven piston, clamps workpiece at its inner surface
- Ventilation of gripper resets piston and bellow, releases workpiece
- Holding force controlled by feed pressure (max. 8 bar)
- Robust body made of anodized, high-strength aluminum alloy
- Elastomer bellows available in EPDM or silicone
- Easy and non-destructive exchange of bellows

Design

For parts having an inner Ø from/to [mm]	EPDM elastomer	Silicone elastomer
8 - 10	GR04.F208	GR04.F208-SI
10.5 - 13	GR04.F210	GR04.F210-SI
13 - 17	GR04.F212	GR04.F212-SI
15 - 19	GR04.F214	GR04.F214-SI
19 - 23.5	GR04.F218	GR04.F218-SI
23.5 - 31	GR04.F222	GR04.F222-SI
29 - 36.5	GR04.F227	GR04.F227-SI
34 - 44	GR04.F233	GR04.F233-SI
41 - 58	GR04.F241	GR04.F241-SI
52 - 64	GR04.F251	GR04.F251-SI
63 - 81	GR04.F263	GR04.F263-SI

EPDM Color black	Silicone Color red
> Non-marking > Heat-resistant to 130 °C (266 °F)	> Very long service life > Heat-resistant to 200 °C (392 °F)

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