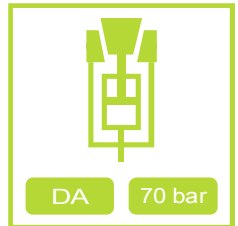


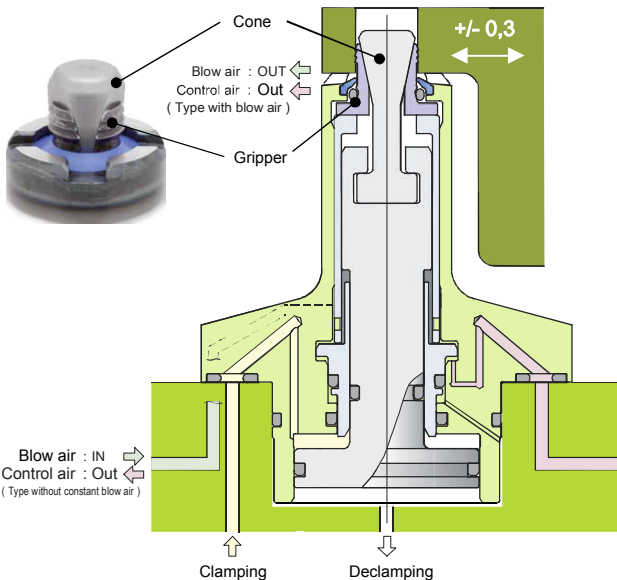


Advantages:

- ✓ Compact Design
- ✓ High positioning accuracy
- ✓ Incl. pneumatic controlling
- ✓ Support and clamping element in one
- ✓ No interference contour during machining
- ✓ No deformation of work pieces
- ✓ No high pressure required
- ✓ Hardened workpiece support



Generally



Description:

The clamping force of the Bore Clamp (Expansion Clamp) is transmitted by a cone to the gripper. This generates the required clamping force.

The bore clamp can often replace conventional clamping elements, because it generates very high clamping forces and no interference contour affects the machining of the workpiece.

In addition to the optimal accessibility of the workpiece the bore clamp has the advantage that a deformation of the workpiece can be largely excluded.

Likewise, the "clamping time" can be reduced to a minimum.

The integrated clamping and unclamping control with compressed air provides additional process reliability because an optical or electrical control is not possible.

If needed, the hardened work piece support surfaces can be reworked about 0,1mm.

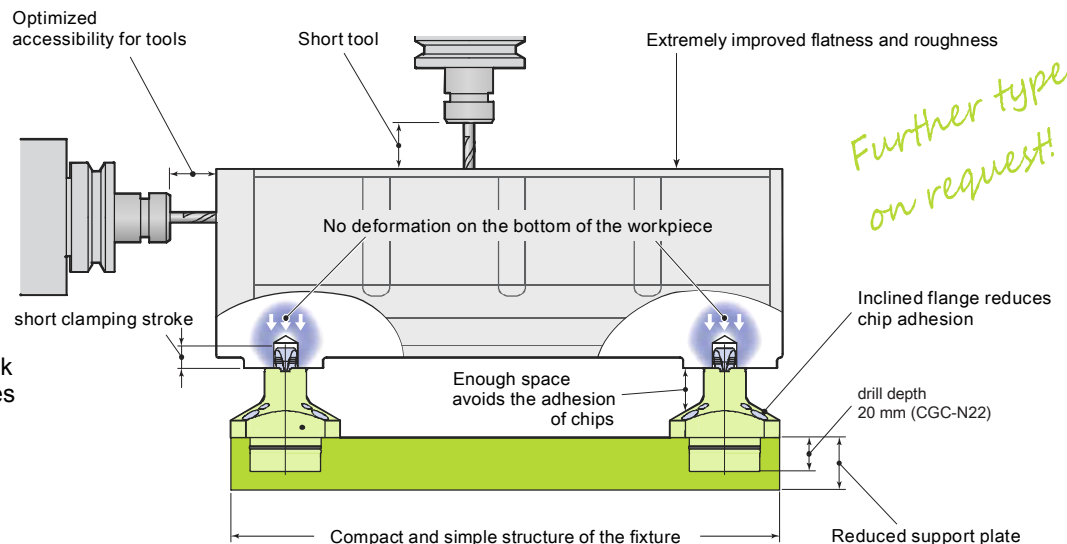
Application

Example:

The figure shows a possible application of the bore clamp.

How you recognize already, here is a considerably more compact design of the fixture possible.

Furthermore, it is a fact that the workpiece supports are already integrated and a risk of deformation of the workpieces can be largely excluded.



Contact

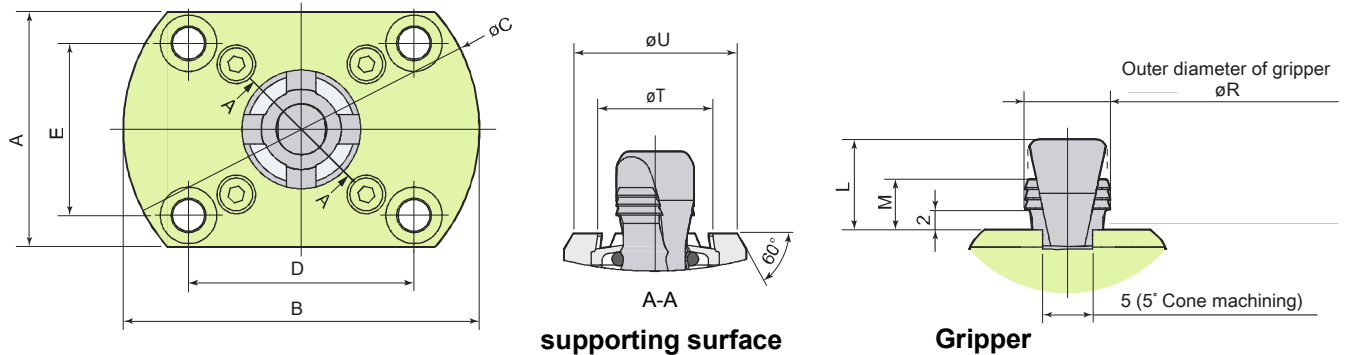
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GmbH

iNOSOL GmbH
Frankfurter Str. 18
35315 Homberg/Ohm (Germany)

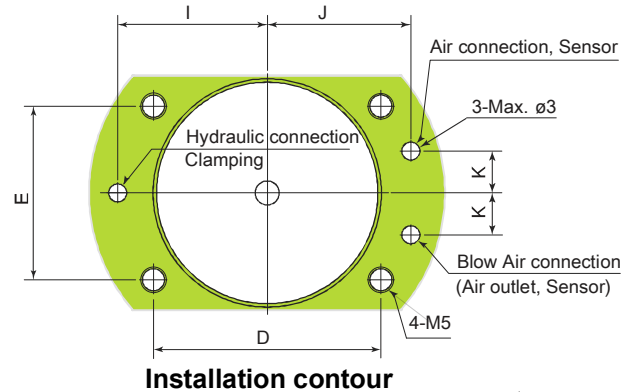
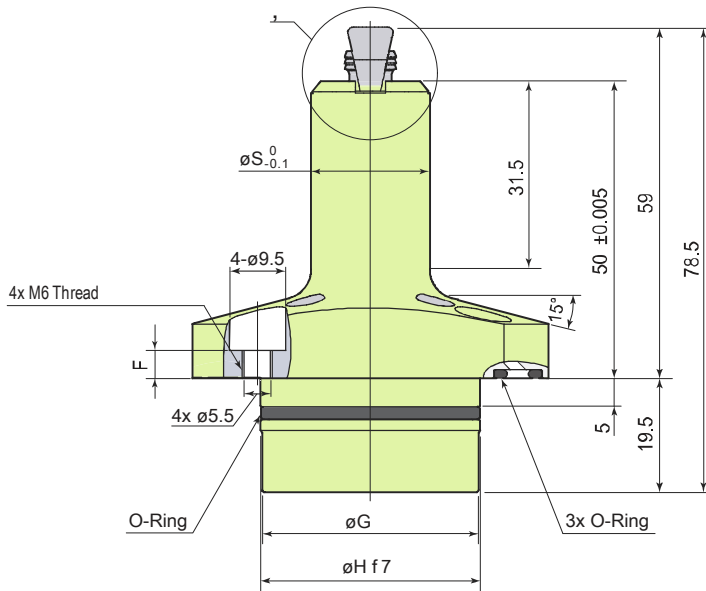
web: www.inosol.solutions
email: info@inosol.solutions
tel.: (+49) 6633 / 368 95 25

Technical Data

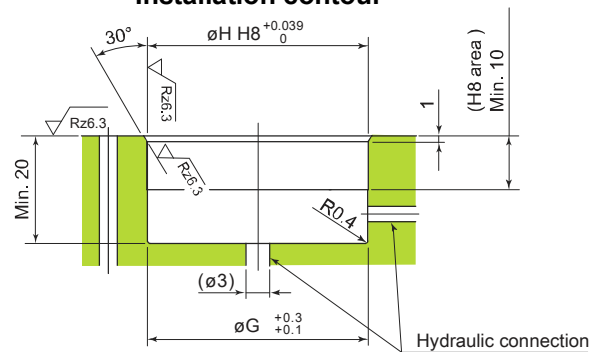
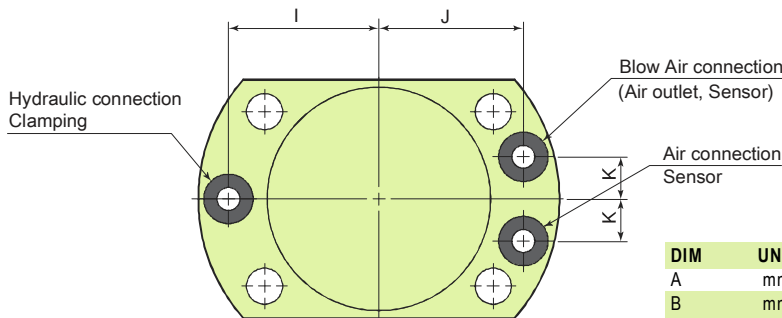


supporting surface

Gripper



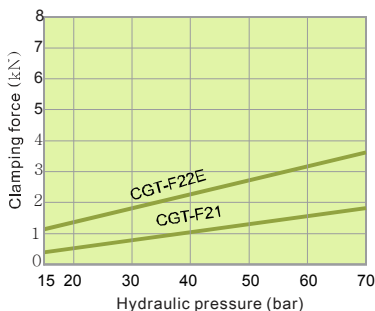
Installation contour



CGT-F22E without constant blow air!

Pressure/ Clamping force

Order designation:
CGT-F21-070
(Ø-Receiving hole)



Contact

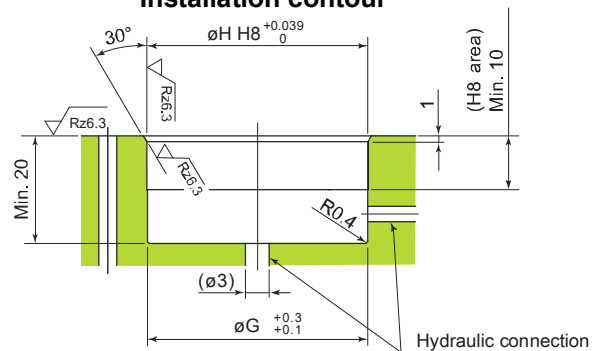
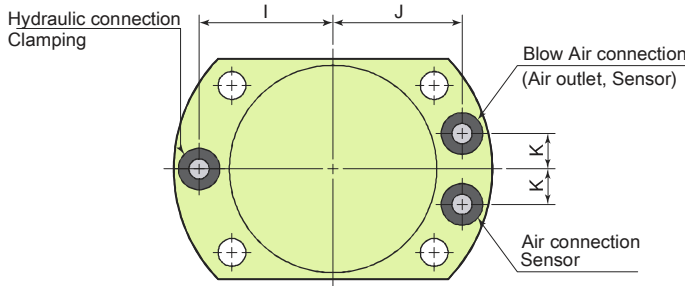
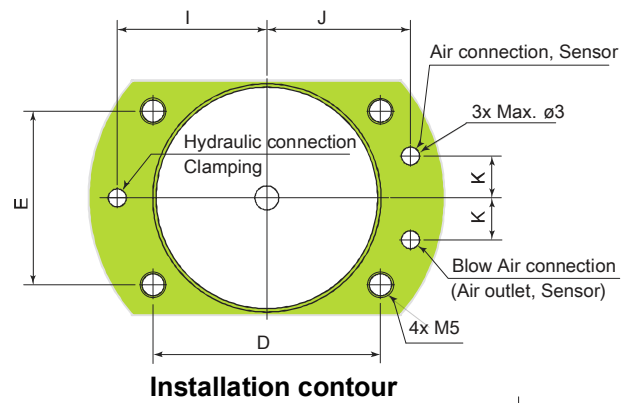
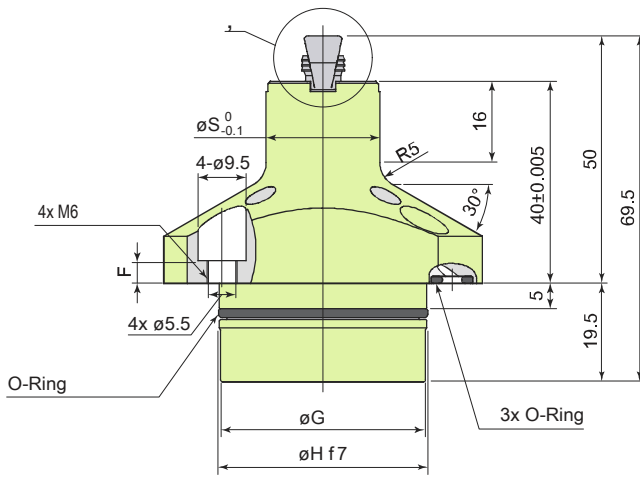
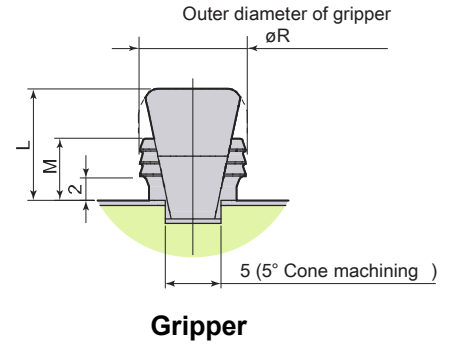
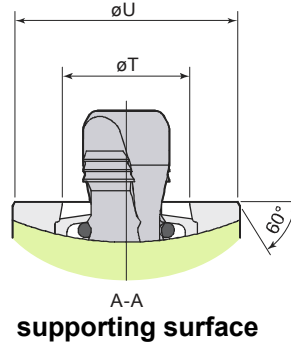
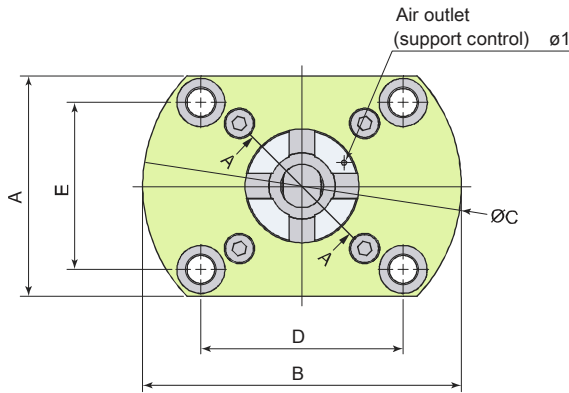
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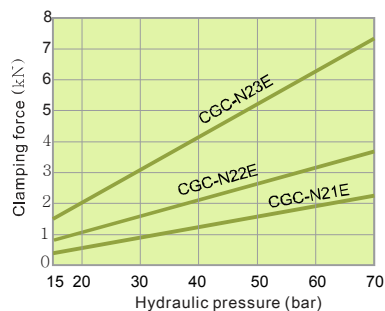
Technical Data



Order designation:

CGC-N21-070 (Ø-Aufnahmebohrung)

Pressure/Clamping force



DIM	UNIT	CGC-N21E-		CGC-N22E-						CGC-N23E-		
		070	076	085	09	10	11	12	13	14	15	16
A	mm	36,6	36,6	43,6	43,6	43,6	43,6	43,6	43,6	55,6	55,6	55,6
B	mm	54	54	63	63	63	63	63	63	74	74	74
C	mm	54	54	63	63	63	63	63	63	77	77	77
D	mm	34	34	40	40	40	40	40	40	48	48	48
E	mm	27	27	33	33	33	33	33	33	43	43	43
F	mm	5,5	5,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5
G	mm	33,5	33,5	40,5	40,5	40,5	40,5	40,5	40,5	52,5	52,5	52,5
H	mm	34	34	41	41	41	41	41	41	53	53	53
I	mm	22,5	22,5	26,5	26,5	26,5	26,5	26,5	26,5	32	32	32
J	mm	22	22	25,5	25,5	25,5	25,5	25,5	25,5	32	32	32
K	mm	5,5	5,5	7	7	7	7	7	7	9	9	9
L	mm	8	8	9	9	9	10	10	10	10	10	10
M	mm	4	4	5	5	5	5,6	5,6	5,6	5,6	5,6	5,6
U	mm	20	20,1	22	22	22	24	24	26	27,5	28	29
T	mm	10,6	10,9	12,1	12,6	12,6	14,6	15,6	16,6	17,6	18,6	19,6
S	mm	20,5	20,5	22,5	22,5	23,5	24,5	25,5	26,5	28	28,5	29,5
R	mm	6,5	6,8	8	8,5	9,5	10,5	11,5	12,5	13,5	14,5	15,5

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