

Gripper for engagement

The AGG is used to provide a precise centering between the robot and the mould.

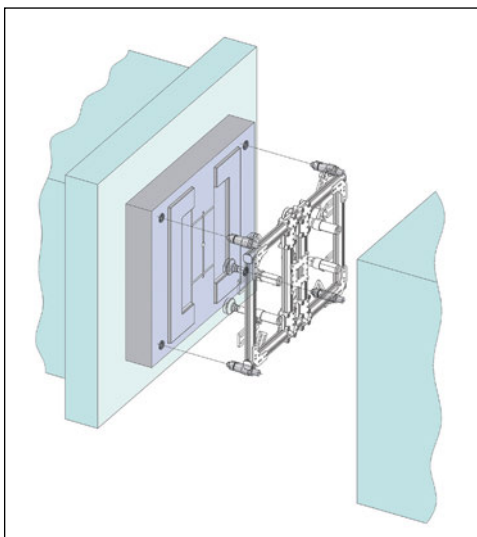
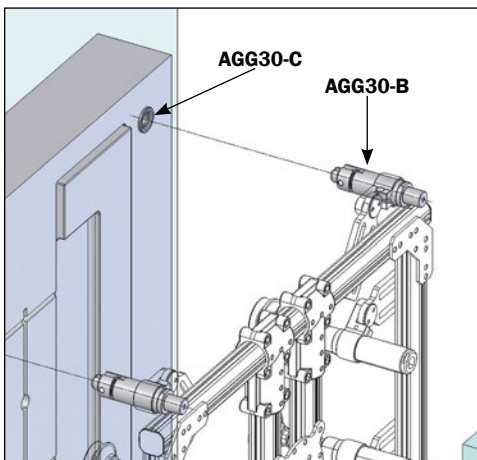
This is necessary when metal inserts must be placed in the mould, before the plastic injection.

The gripper AGG...-B is fitted on the EOAT, while the steel bushing AGG...-C is fitted on the mould.

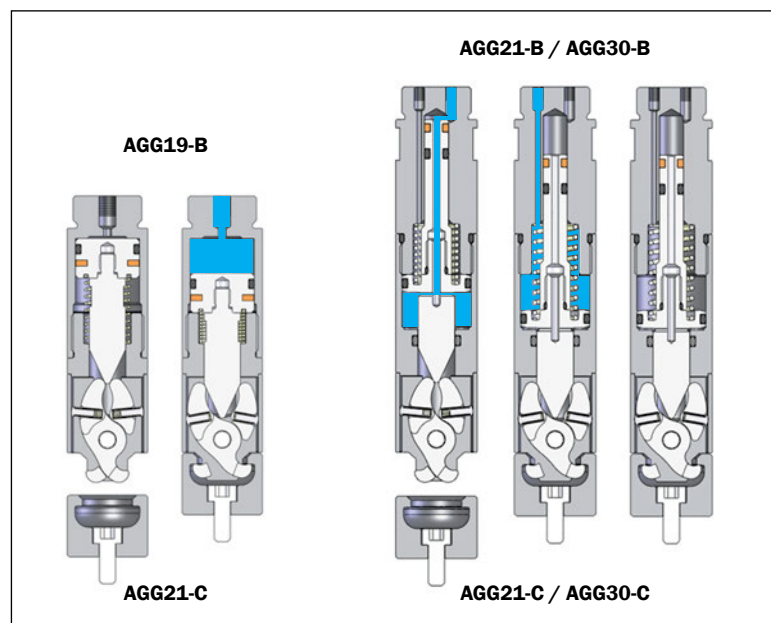
Once the robot has approached the mould, the gripper is pressurized, thus it closes and engages the bushing.

AGG21-B and AGG30-B are double-acting with a safety spring to keep the gripper engaged even without compressed air (NC).

AGG19-B is single-acting with reset spring (NO).



	AGG19-B	AGG21-B	AGG30-B
Maximum axial load without compressed air before releasing	0 N	600 N	1400 N
Maximum axial load with compressed air before breakage	2000 N	2000 N	5000 N
Pressure range	2 ÷ 8 bar (NO)	4 ÷ 8 bar (NC)	4.5 ÷ 8 bar (NC)
Temperature range	5 ÷ 60 °C.		



Dimensions (mm)

	AGG19-B	AGG21-B	AGG30-B
A	Ø20	Ø20	Ø30
B	M17x1	M17x1	M27x1
C	70.5	96.5	136
D	8	8	11
E	32	28	40
F	4	34	45.4
G	19.5	19.5	28.6
H	10	10	12
I	8	8	10
J	18	18	27
K	0	2.8	4.5
L	-	4.6	6.5
M	-	6	11
N	-	3.8	3.8
O	-	3	3
P	-	2.8	2.8
Q	M5	M3	M5
R	-	M3	M5
Weight	85 g	115 g	390 g

	AGG21-C	AGG30-C
S	Ø20	Ø30
T	15.3	20.8
U	6.7	8
V	M4	M5
Weight	25 g	75 g

