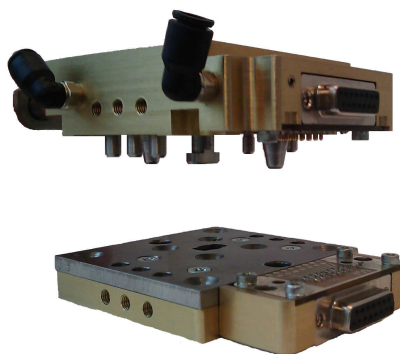




Patented technology

You are presented with a complete range of tool changer for robots which aim at shortening the slack periods on assembly lines.

The period of time for tool changer on chain can be reduced from a few hours to few seconds.

Your robot can therefore perform several tasks thanks to a mere change of tools.



Advantages

- Simple and tough locking system.
- The tools can be stored vertically or horizontally.
- Outdoor-pollution resistant system.
- High clamping potential.
- Irreversible locking in case of energy drop.
- Large choice of compatible energies.



Technical data

Technical data \ Items		GCR 5	GCR 30	GCR 100	GCR 250	GCR 500	GCR 1000
Transportable mass	kg	5	30	100	250	500	1000
Energy		M	P	P	P - E	P	P
Force in locked position	daN	60	350	1000	2000	4000	8500
Max bending moment	Nm	70	150	250	1500	3000	6500
Max torsion moment	Nm	70	150	250	1500	3000	6500
Repeatability	mm	± 0,02	± 0,02	± 0,02	± 0,02	± 0,02	± 0,02
Total weight (robot + tool)	kg	0,170	1,3	4	10,5	25	65
Clamping to the tool capacity	mm	0.7	2	3	4	5	8



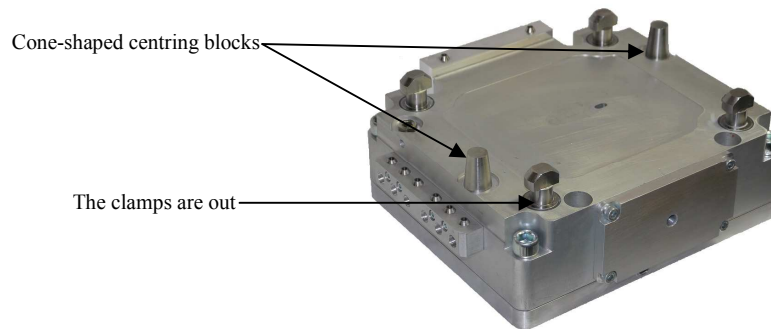
Construction of the reference

GCR	25	M	R	P	L 15
Model	Size	Energy	Interface	Pneumatic connection	Electric connection
 GCR	5 30 100 250 500 1000	M - Manual P - Pneumatic E - Electric	R : Robot side T : Tool side	Pneumatic P1 : pneumatics passages M5 P2 : pneumatics passages G1/8 P3 : pneumatics passages G1/4 P4 : pneumatics passages G3/8	Electric L 1 : pins, 3A/50VDC L 2 : pins, 5A/250VDC L 3 : pins, 13A/700DC

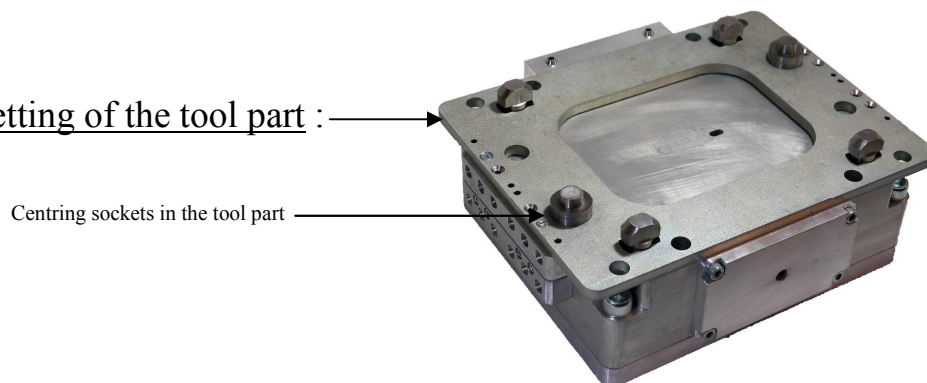
Other sizes, contact us



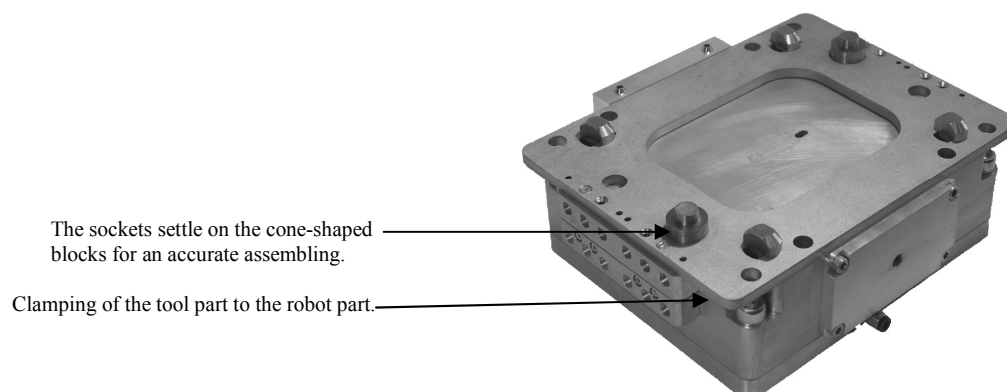
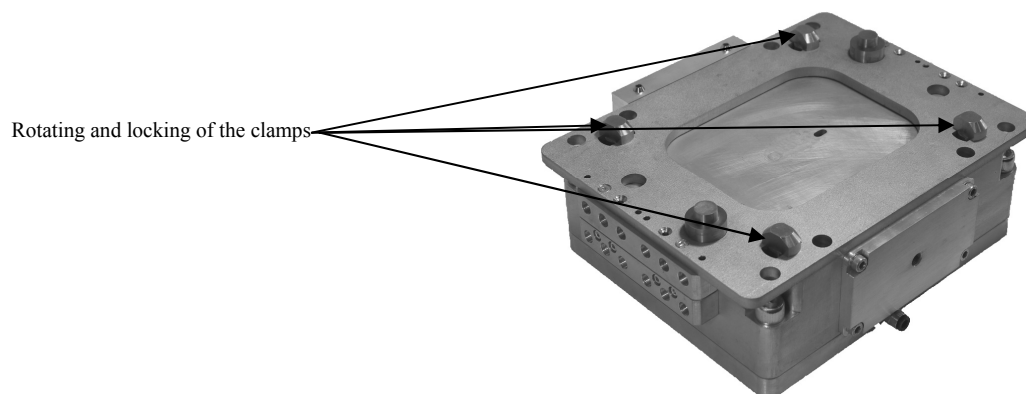
Robot part :



Setting of the tool part :



Clamping :

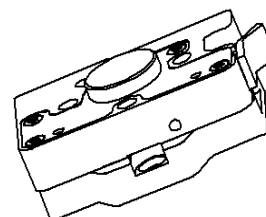
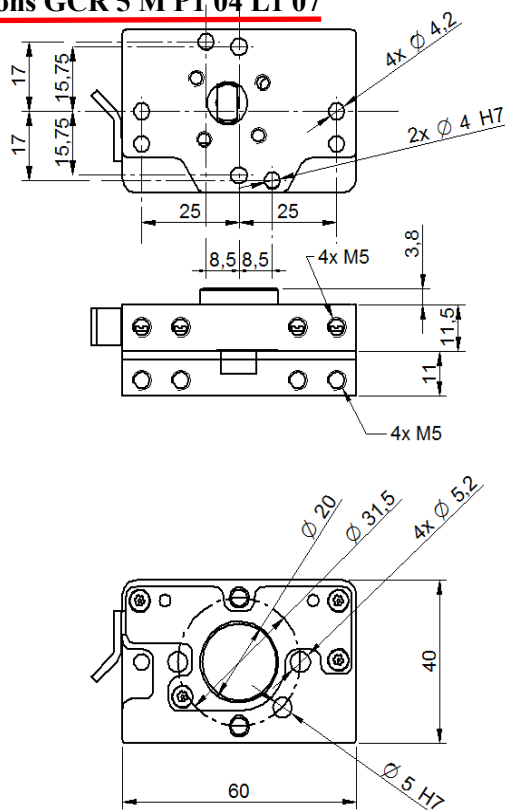


GCR	5	M	R	P1 04	L1 07
Model	Size	Energy	Interface	Pneumatic connection	Electric connection
 GCR	5	M - Manual	R : Robot side T : Tool side	Pneumatic P1 04 : 4 pneu passages M5	Électrique L1 07 : 7 pins, 3A/50VDC

Technical data

Technical data		GCR 5
Transportable mass	kg	5
Energy		M
Force in locked position	daN	60
Max bending moment	Nm	70
Max torsion moment	Nm	70
Repeatability	mm	± 0,02
Total weight (robot + tool)	kg	0,170
Clamping to the tool capacity	mm	0.7

External dimensions GCR 5 M P1 04 L1 07



* Dimensions are supplied for information only, they can be subjected to variations for technical improvements. We reserved us the right of bringing changes without previous notice.