

Power - Safety - Robustness – Reliability

The permanent lifting magnets **FIX +** are used to handle both flat and round material, rough or smooth. Your handling will be **SAFE, QUICK** and **ECONOMIC** with this new model of permanent lifting magnet. Only **Neodymium** permanent magnets (resistant to wear) handle the piece safely (without any need of an electrical power source), even with bad surface conditions.

The Stator, which is the body of the lifter, is machined from one piece and has been designed to resist to strong impacts during use.

The Rotor (moving part of the lifter), is centered on a water resistant ball bearing, to eliminate physical contact and friction during the rotation phase. Under normal working conditions these lifters will not need maintenance for a long time.

ON/OFF lever with safety system. Once activated, a spring-loaded device locks the lever in position to prevent unintentional operation.

THE ULTIMATE POWER *FIX +*



FIX+ 300



FIX+ 500



FIX+ 1000



FIX+ 2000

TYPE	Working load in daN on plate	Working load in daN on round	Dimensions in mm		Overall length	Overall width	Height with- out hook	dimen. hook	Weight (kg)
			Min. thickness (force 100 %)	mini/Max. diameter					
FIX + 100	100	50	15	40/100	135	70	75	45x40	3
FIX + 300	300	125	25	40/160	190	90	85	70x50	8
FIX + 500	500	215	30	40/220	255	100	100	70x50	16
FIX + 1000	1000	450	40	60/350	350	140	130	105x60	40
FIX + 2000	2000	800	60	80/400	440	180	180	125x60	90
FIX + 3000	3000	1350	60	90/500	475	260	255	130x80	175

The nominal working load depends on type of material, thickness and contact surface.

* Special constructions on request, please send us your inquiries.

- › **Safety factor higher than 3 : 1**
- › **No mechanical wear from abrasion**
- › **Best attraction with air gap**
- › **No remanence**
- › **Smooth operating mechanism**
- › **Simple, totally safe locking device**
- › **Robust construction**
- › **Small size**

Order example: **2071/01/1000**

Permanent magnetic lifting type FIX+ 1000