

### Use:

If excessive tear-off forces are required for holding ferromagnetic parts, our electro magnets of type 536 are the most suitable solution. For fixing the magnets tapped holes are provided at the back.

### Technical data:

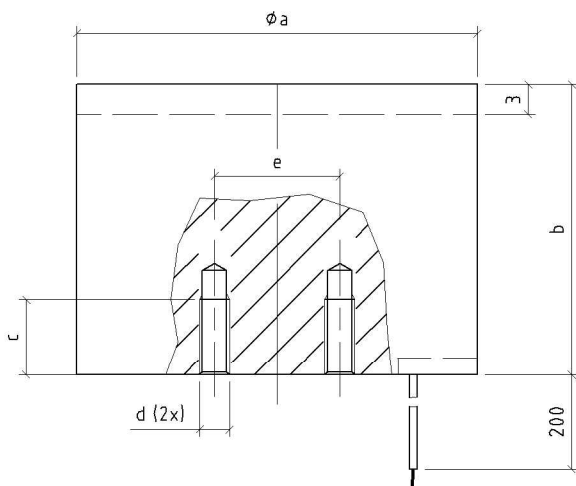
Rated voltage: 24 V D.C.  
 Duty cycle: 100 %  
 ambient temperature: max. 45 ° C  
 Protection system: Magnet IP65, in connection area IP00  
 (other voltages upon request)

### Holding forces:

The holding force values specified in the table refer to parts with suitable thickness, ground surface, steel standard no. 1.0037, with 100% reservation of the pole surface, air gap = 0 mm, field winding temperature = 20 ° C.

Please note, that these magnets are not designed according to EN 13155, that means it is not allowed to handle parts as with a lifting magnet!

Due to a larger overall height of and increased input power for the electro holding magnet stronger holding forces are produced. This is required to bridge air gaps, if the surface properties of the parts are unfavorable, or if less magnetizable materials are to be processed.



Type	power [Watt]	Hold.force [N]	Weight [kg]	a [mm]	b [mm]	c [mm]	d [mm]	e [mm]
536-4	8,5	500	0,55	40	65	10	M4	12,5
536-5	9,5	900	0,85	50	65	10	M4	12,5
536-6.3	13	1700	1,30	63	65	10	M5	12,5
536-8	18	2500	2,10	80	65	10	M6	20,0
536-10	22	4100	3,35	100	65	12	M8	30,0
536-15	44	7500	7,55	150	65	12	M8	40,0
536-18	66	11500	14,50	180	80	15	M10	50,0
536-25	165	19000	34,00	250	100	20	M16	70,0
536-30	220	29000	55,00	300	110	25	M20	80,0

other dimensions upon request

**Technology**  
**Full Of Attraction**



wagner  
magnete

**Wagner Magnete GmbH & Co. KG**  
**Spann- und Umwelttechnik**  
**87751 Heimertingen / Germany**  
**Phone +49(0)8335/980-0**  
**Fax +49(0)8335/980-270**  
**Internet [www.wagner-magnete.de](http://www.wagner-magnete.de)**  
**E-Mail [info@wagner-magnete.de](mailto:info@wagner-magnete.de)**