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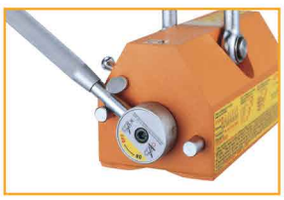
Magnetic Lifters

Capacities change depending on the thickness, attractive face roughness and quality of the material and the clearance between the workpiece and magnet.



ON



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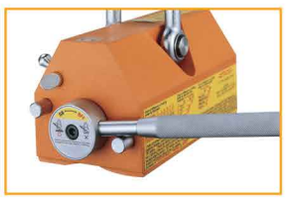
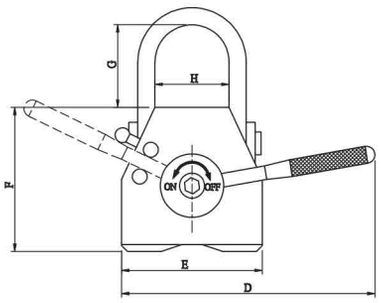
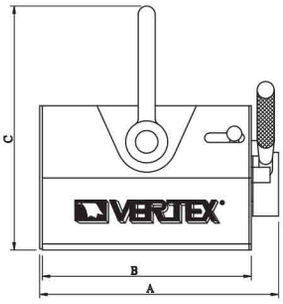






(mm)

Stock Code	Capacity (kg)	A	B	C	D	E	F	G	H
VML-100	100	107	84	120	125	60	71	41	30
VML-300	300	180	155	156	185	90	93	51	41
VML-600	600	255	224	212	260	115	120	77	52

(mm)

	Thickness	Percentage of lifting capacity		
		VML-600	VML-300	VML-100
T1	60+	100%	100%	100%
T2	55			
T3	50			
T4	45			
T5	40			
T6	35			
T7	30			
T8	25	90%		
T9	20	75%	90%	
T10	15	60%	70%	
T11	10	45%	50%	70%
T12	5	25%	30%	40%

Table of difference in holding power by attractive face roughness For all models

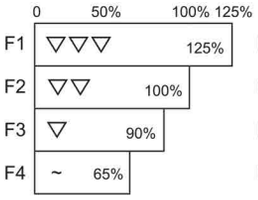
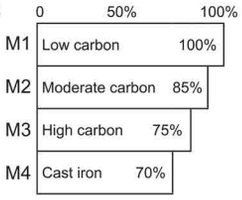


Table of difference in holding power by material quality For all models



Calculating Formula for "Range of Lifting Capacity" → (TxFxMxCapacity of Lifter)

Example:
Terms of workpiece: T8, F1 and M2
90% x 125% x 85% x 600kgs (VML-600)=573kgs

(mm)

Material	Steel Plate		Round Steel			
Model	Max. capacity (kg)	Min. thickness	Max. capacity (kg)	Min. Diameter	Max. diameter	Max. Length
VML-100	100	15	58	80	150	1000
VML-300	300	25	175	100	250	1500
VML-600	600	30	345	180	350	2000