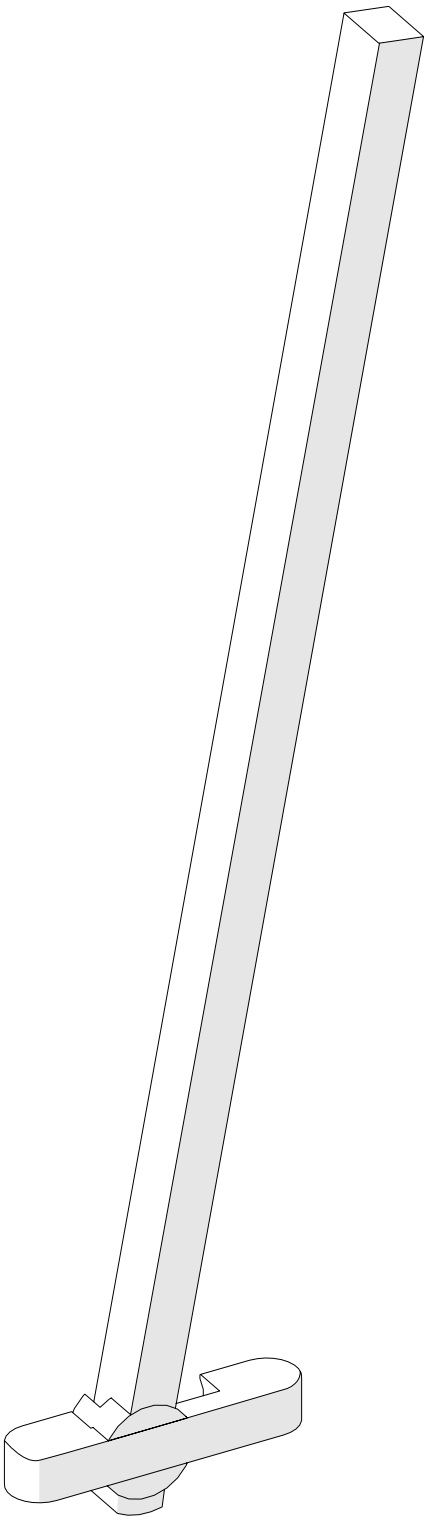
PRODUCT INSTRUCTIONS

ML_MINI LIFTER

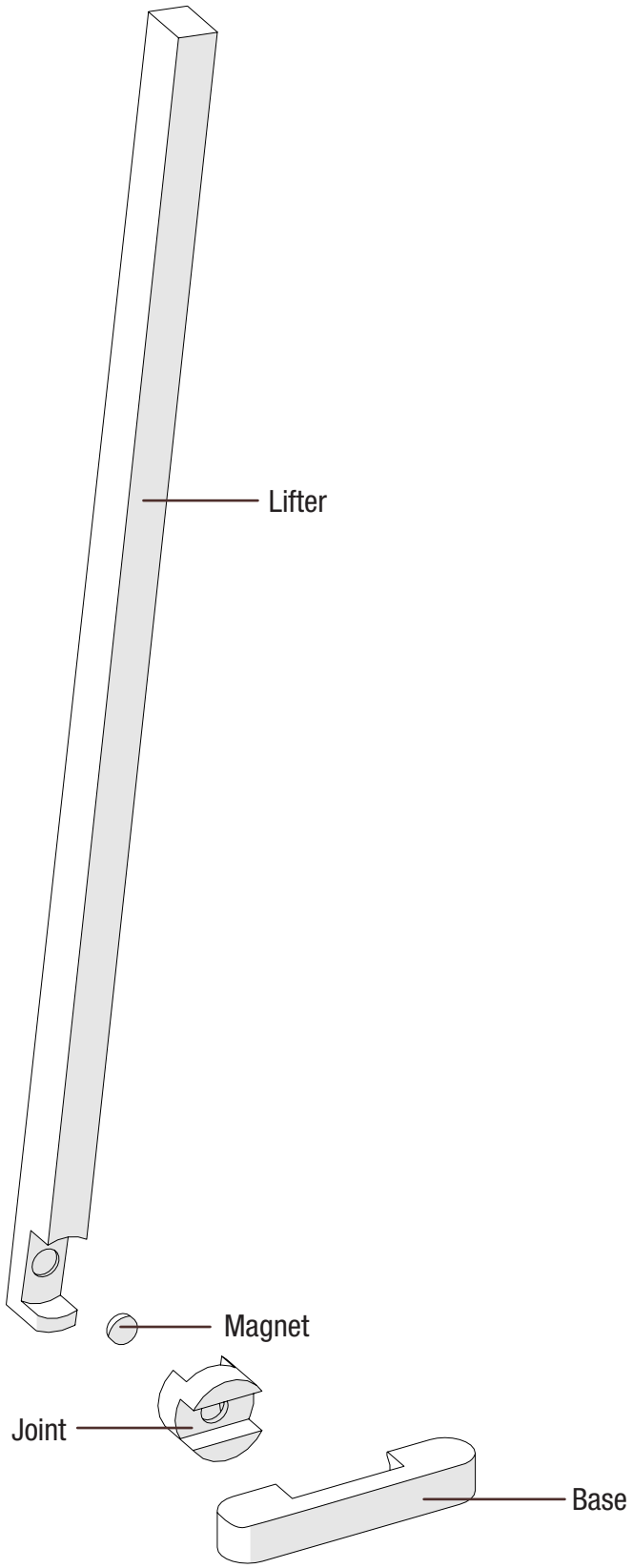


CUMSA

INNOVATIVE SOLUTIONS FOR YOUR MOLDS

CUMSA
INNOVATIVE SOLUTIONS FOR YOUR MOLDS

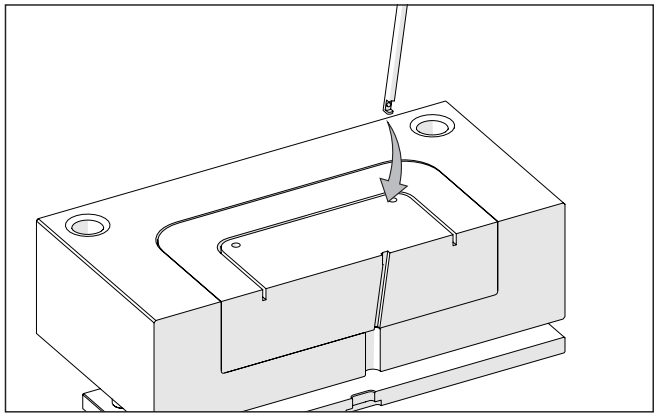
WHAT'S INCLUDED IN THE PACKAGE



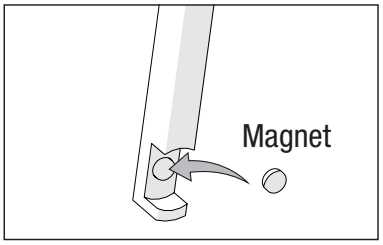
CUMSA
INNOVATIVE SOLUTIONS FOR YOUR MOLDS

ML_INSTALLATION

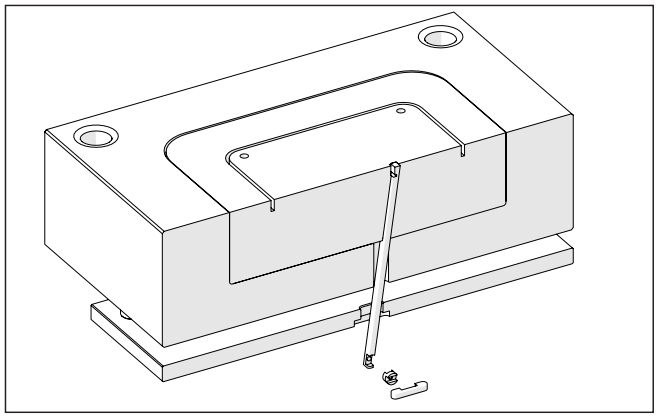
1



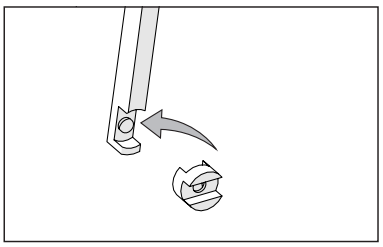
1.1



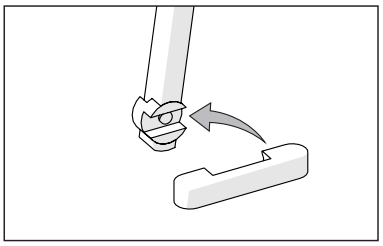
2



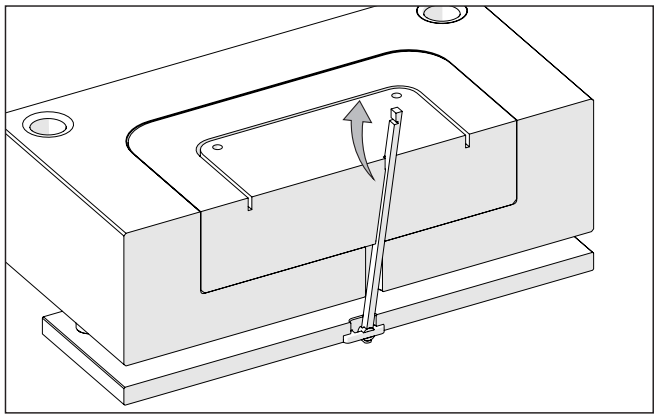
2.1



2.2

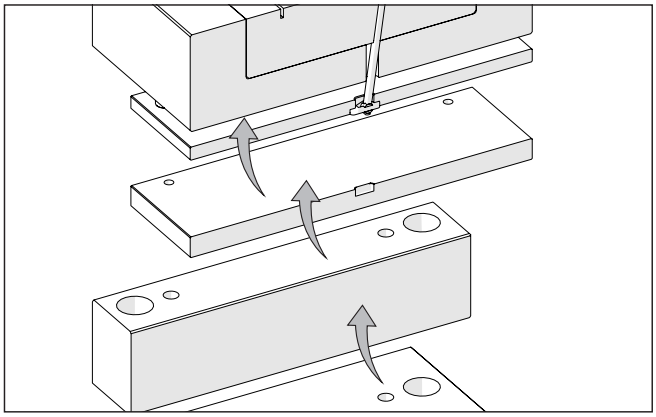


3

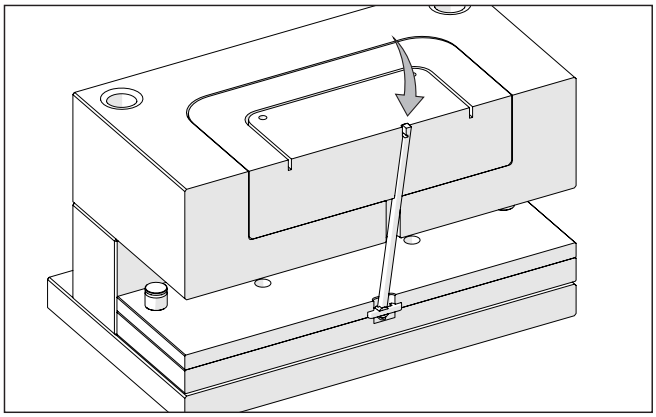


ML_INSTALLATION

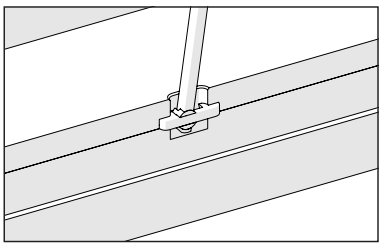
4



5

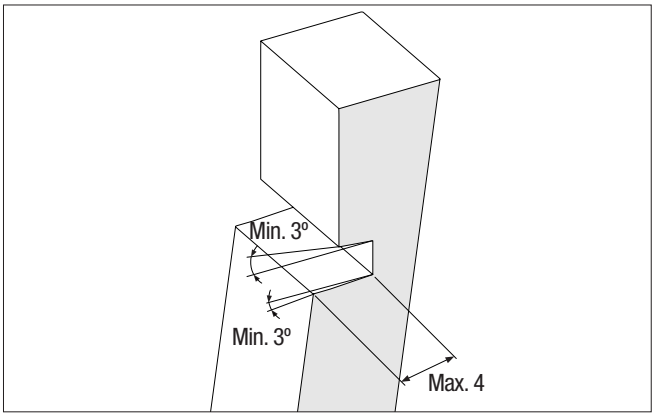


5.1

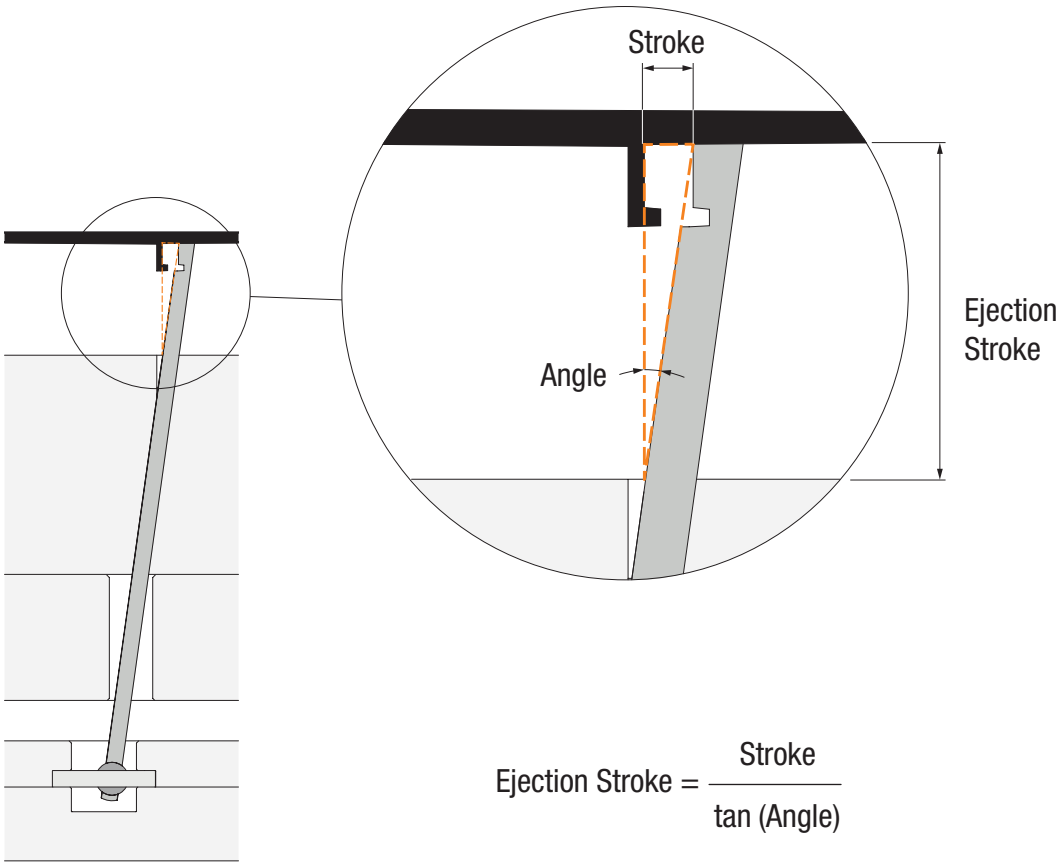


ML_RECOMENDATIONS

1



ML_OPENING DIMENSIONS



$$\text{Ejection Stroke} = \frac{\text{Stroke}}{\tan(\text{Angle})}$$

Angle	Ejection Stroke					
	1mm Stroke	2mm Stroke	3mm Stroke	4mm Stroke	5mm Stroke	6mm Stroke
1º	57.3	114.6	-	-	-	-
2º	28.6	57.3	85.9	114.6	143.2	-
3º	19	38.2	57.2	76.3	95.4	114.5
4º	14.3	28.6	43	57.2	71.5	85.8
5º	11.4	22.9	34.3	45.7	57.1	68.6
6º	9.5	19	28.6	38	47.6	57
7º.	8.1	16.3	24.4	32.6	40.7	48.9
8º	7.1	14.2	21.3	28.5	35.6	42.7