

Capítulo 1

Dados Inerciais

1.0.1 Elo do antebraço

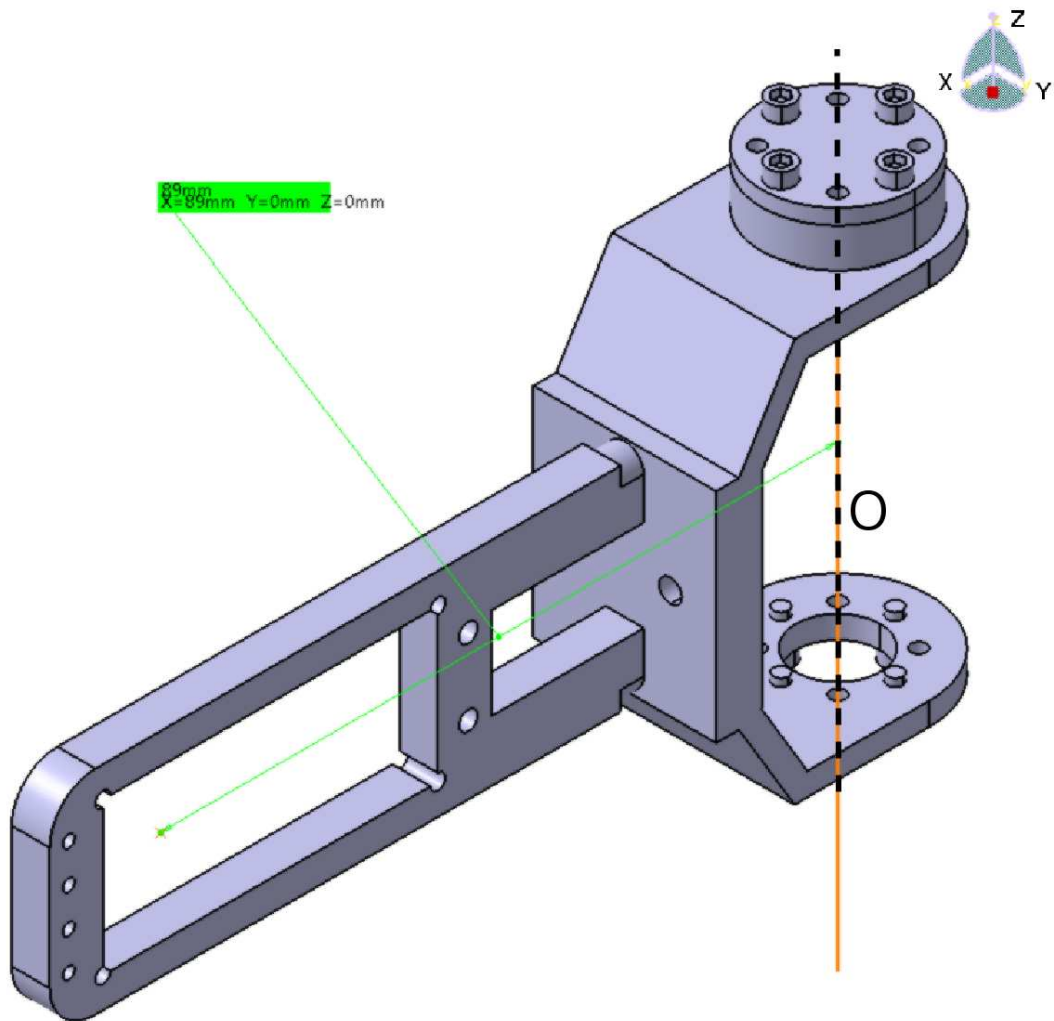
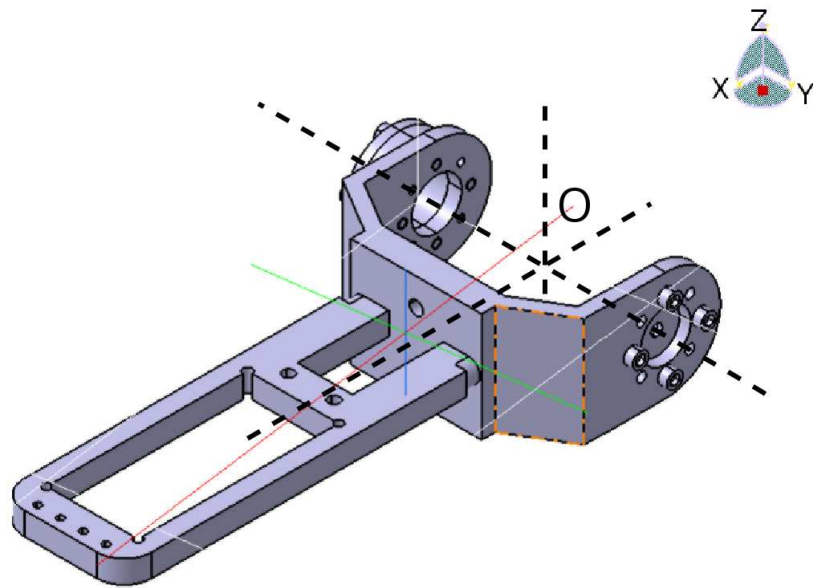
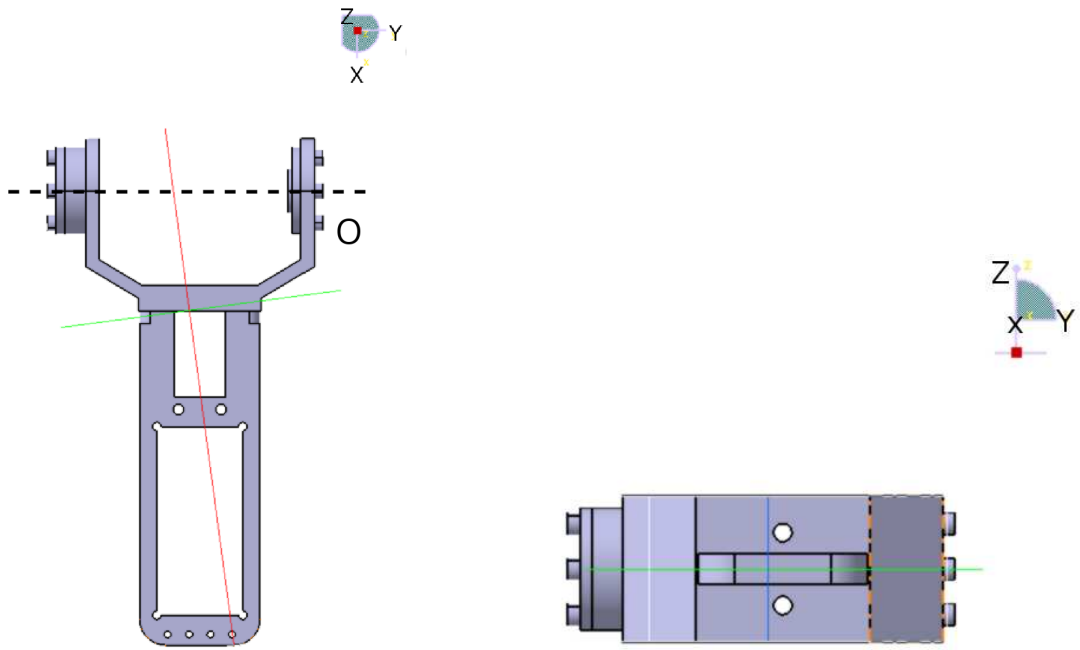
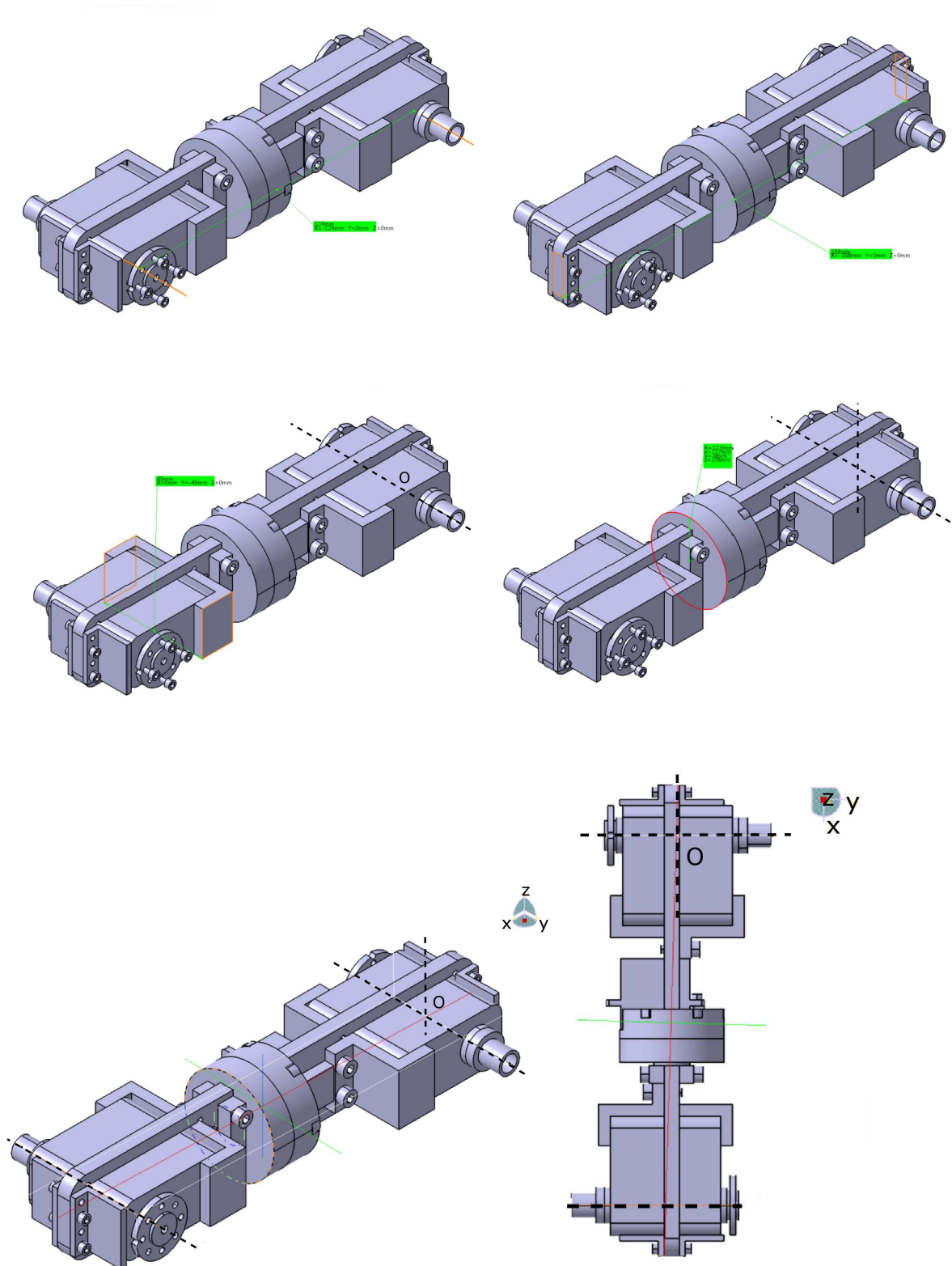


Figura 1.1: Elo do antebraço



1.0.2 Elo do antebraço



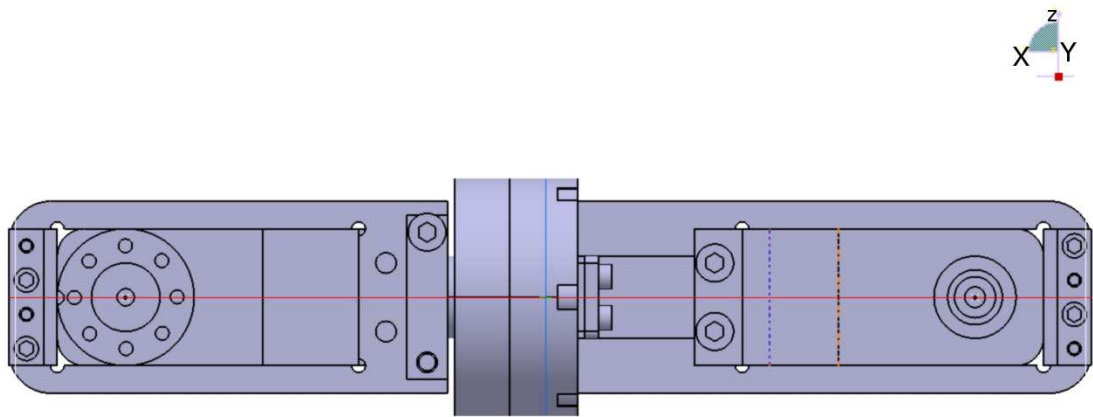
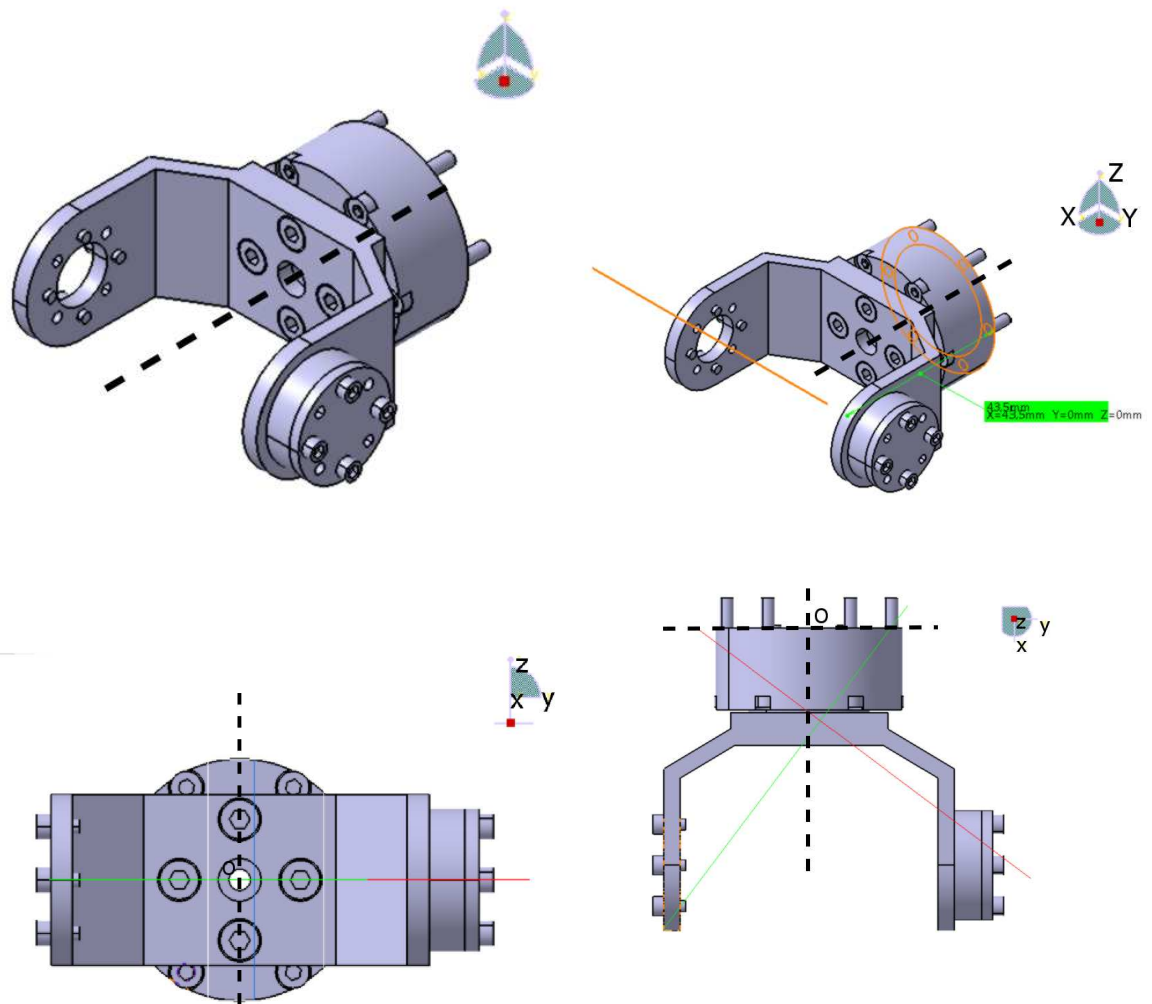


Figura 1.2: Elo do antebraço

1.0.3 Extensão do ombro



1.0.4 Elo tronco

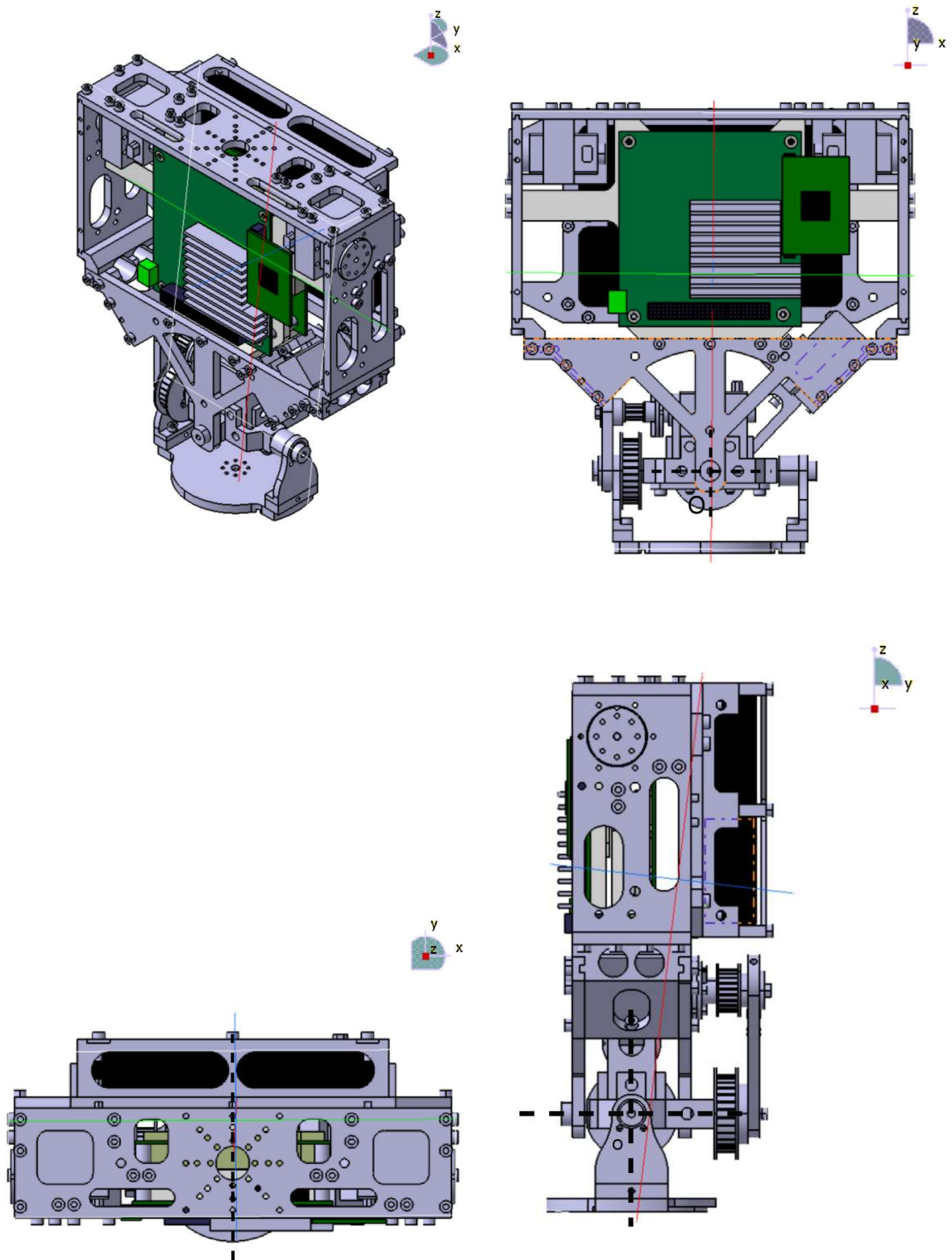


Tabela 1.1: Dimensões dos elos

<i>Elos</i>	<i>X</i>	<i>Y</i> [mm]	<i>Z</i>	<i>r_{elo}</i> [mm]	<i>Massa</i> [kg]	<i>r_{cm_x}</i>	<i>r_{cm_y}</i>	<i>r_{cm_z}</i>	<i>J_x</i>	<i>J_y</i>	<i>J_z</i>
									$\times 10^5 [kg.m^2]$		
Antebraço	118	24	64	89	0.049	27.89	-2.362	0	1.919	4.276	5.901
Braço	158	45	35	124	0.253	62.87	-2.115	0	4.423	200	200
Ombro	54.5	64	34	43.5	0.072	17.02	2.093	0	2.141	1.91	3.122
Tronco	195	85.7	218.5	163	1.852	1.426	19.07	96.89	2600	2800	600

Onde $X, Y e Z$ são as cotas de atravancamento de cada elo.