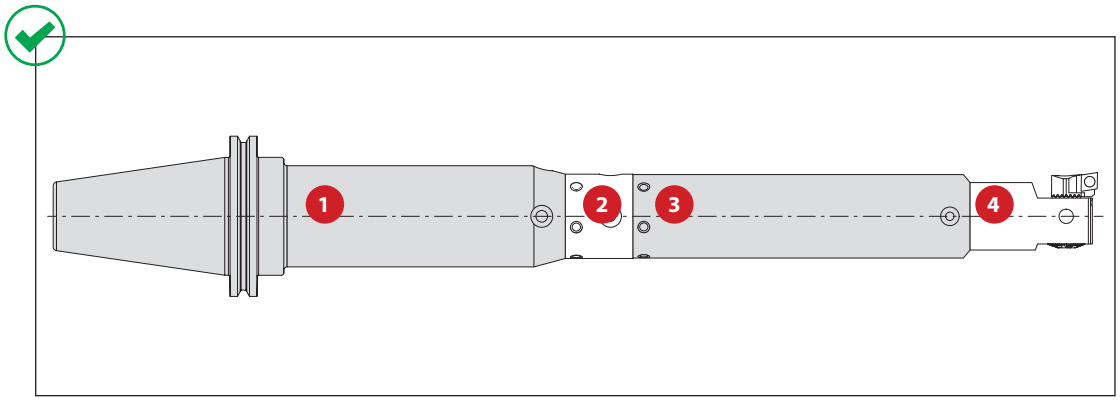
Calculating Tool Assembly Weight

To calculate, see graphics below:



Step 1: Find weight for each component circled in the example table below

Example:

	MVS Connection	Boring Range	4 Boring Head					
	D_1 & D_2	A	X_1	X_2	L_2	D_5	Weight	Part No.
i	40 - 22	2.087 - 2.598	2.953	1.535	2.854	–	1.543 (lbs)	**320004**
m	40 - 22	53.01 - 65.98	75.00	39.00	72.50	–	0.70 (kg)	**320004**

Step 2: Calculate total assembly weight

1 6.6 kg
2 0.6 kg
3 3.5 kg
\+ 4 0.7 kg
11.4 kg

Step 3: Consult machine tool builder to ensure tool assembly weight does not exceed machine capabilities.

⚠ WARNING **Exceeding weight capacity for machine tool spindle and tool changer can cause machine damage, and/or serious injury. To prevent:**
-Consult machine tool builder for machine's weight limitations.
Factory technical assistance is also available for specific applications through our Application Engineering department. *ext:* **7611** | *email:* **appeng@alliedmachine.com**