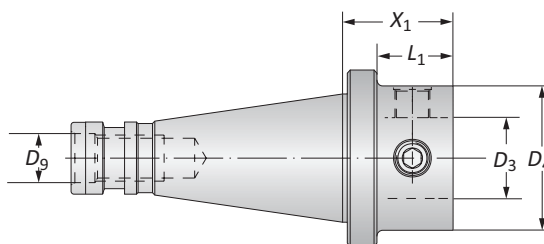


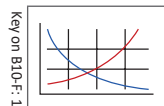
## NMTB Master Shanks



Taper Size	Connection		Shank			Weight	Part No.
	$D_4$   $D_3$	$X_1$	$L_1$	$D_9$			
M	40	50 - 28	38.00	26.40	$\frac{5}{8}$ - 11	1.30 (kg)	132022T004498
	40	63 - 36	48.00	36.40	$\frac{5}{8}$ - 11	1.50 (kg)	132066T004498
	50	50 - 28	42.00	26.80	1 - 8	3.00 (kg)	132022T004480
	50	63 - 36	52.00	36.80	1 - 8	3.50 (kg)	132066T004480
	50	80 - 36	52.00	36.80	1 - 8	4.00 (kg)	132088T004480
50	100 - 56	90.00	74.80	1 - 8	4.90 (kg)	132076T004480	

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M = Metric (mm)

**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.  
 -Refer to example on page B10-M: 11 for calculating tool assembly weight  
 Factory technical assistance is also available for specific applications through our Application Engineering department. *email: engineering.eu@alliedmachine.com*

**WARNING** Tool failure can cause serious injury. To prevent:  
 -Do not exceed recommended 10xD length-to-diameter ratio or exceed 4 total components (including shank)  
 -When using Alu-Line® components, do not exceed recommended 5xD length-to-diameter ratio  
 -When using tool steel components, do not exceed recommended 6xD length-to-diameter ratio  
 -When using heavy metal reducers, do not exceed recommended 8xD length-to-diameter ratio  
 -When using a carbide shank, do not exceed recommended 9xD length-to-diameter ratio  
 -When using a NOVI<sup>TECH</sup>® module, do not exceed recommended 10xD length-to-diameter ratio  
 -Refer to examples on pages B10-M: 8-10 for calculating length-to-diameter ratio  
 Factory technical assistance is available for your specific applications through our Application Engineering department. *email: engineering.eu@alliedmachine.com*