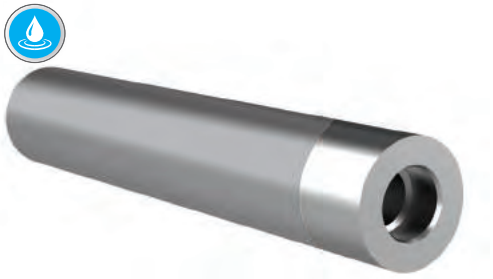
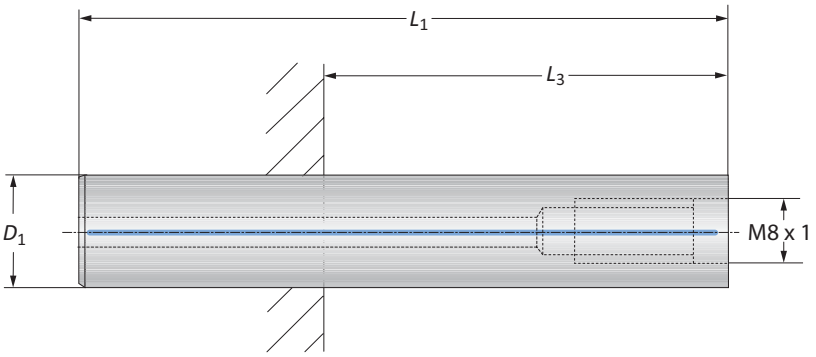
248 Shanks

Steel | Carbide

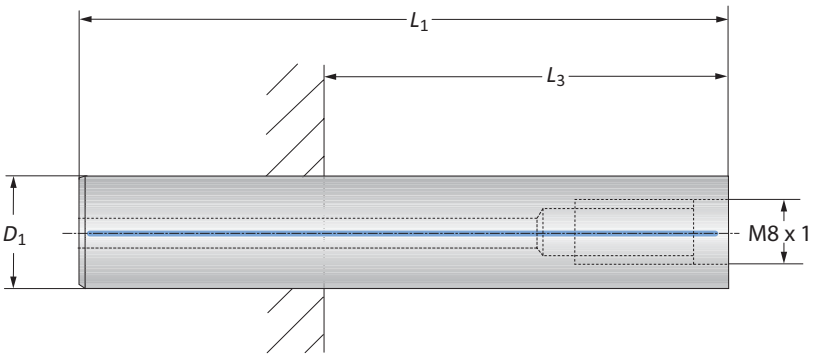




Steel Shanks

	Connection	Shank D_1	Shank L_1	Shank $L_{3\ max}$*	$L_{3\ min}$* SK 40+50	$L_{3\ min}$* HSK-A 63	$L_{3\ min}$* HSK-A 100	Weight	Part No.
	M8 x 1	15.00	85.00	37.00	–	–	–	0.10 (kg)	**248136**
ⓜ	M8 x 1	18.00	100.00	52.00	–	5.00	12.00	0.20 (kg)	**248137**
	M8 x 1	23.00	117.00	69.00	–	22.00	29.00	0.40 (kg)	**248138**

*L_3 dimensions apply to collet chucks

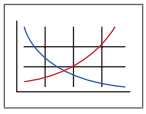


Carbide Shanks

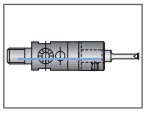
	Connection	Shank D_1	Shank L_1	Shank $L_{3\ max}$*	$L_{3\ min}$* SK 40	$L_{3\ min}$* SK 50	$L_{3\ min}$* HSK-A 63	$L_{3\ min}$* HSK-A 100	Weight	Part No.
	M8 x 1	15.00	130.00	82.00	20.00	20.00	35.00	42.00	0.30 (kg)	**248142**
ⓜ	M8 x 1	18.00	155.00	107.00	39.00	21.00	60.00	67.00	0.60 (kg)	**248143**
	M8 x 1	23.00	180.00	132.00	64.00	46.00	85.00	92.00	1.10 (kg)	**248144**
	M8 x 1	23.00	242.00	194.00	126.00	108.00	147.00	154.00	1.40 (kg)	**248145**

*L_3 dimensions apply to collet chucks

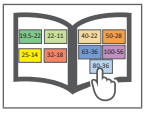
B10-M: 12-13
Key on B10-A: 1



B10-A: 30



B10: VI-VII



ⓜ = 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$^{TECH®}$ 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**