



SAFETY CORNER



SAFETY DISCUSSION

Tool Lanyards, Dropped Item Protection



Do you know what happens when items are dropped or you fall and stop?

[View as Webpage](#)

Item(s)	Approximate: Distances, Weights, Time and Impact Forces				
	Fall Distance	Weight	Impact speed	Time to Impact	Energy at Impact (LBS)
6 lb. hammer	50	6.00	38	1.75	295
	100	6.00	54	2.47	590
Pliers, or 25' Tape	100	0.85	54	2.47	84
	500	0.85	121	5.53	418
5/8"x 6" bolt	100	1.10	54	2.47	108
	330	1.10	99	4.52	361
Knife	50	0.25	38	1.75	12
	165	0.25	70	3.19	41

IT TAKES ABOUT 9 POUNDS OF FORCE TO BREAK A HUMAN BONE.

Use a Tool Tether - Save a Life!

HAND TOOL SAFETY: It is suggested that whenever possible, you use tool lanyards when working at heights above 6 feet and create a "Do Not Enter" zone below. Tool tethers save both lives and time!

SAFETY TRAINING/ EDUCATION PROGRAM: All employees should be knowledgeable about applicable protocols for the jobs in which dropped item protection may be required, and how to use tool tethers, etc. Discuss with your team what might be some ways to prevent the dropping of tools!

Secure all materials, tools, and equipment safely while working in elevated areas. Note: Hand tools should be secured to employees by tool lanyards while working overhead. In some cases "Danger Do Not Enter" barricades may be necessary to protect employees and members of the public.

Click below to watch a short video provided by OSHA of Oregon



WORK SAFETY



Safety Training Tools Knowledge Experience Safety First Regulations Insurance Health Protection

Visit the Missouri PHCC Safety Corner on the Website to read current topics.

[Visit the MO PHCC website](#)

Missouri Plumbing, Heating, Cooling, Contractors Association | www.mophcc.com

