

- (n) Never use a screwdriver as a punch, wedge, pinch bar, pry or chisel.
- (o) Files shall never be used unless they have a proper handle, and never as a pry.
- (p) Always use the proper tool for the job it was intended.

Figure 9a

Use only properly dressed chisels



Wrong



Wrong



Right

9.2 Portable Electric Tools and Lights

- (a) Electrically powered tools cause the same types of incidents as hand tools, but the injuries are usually more severe.
- (b) Power tools, portable lights or cord sets shall be protected by GFCIs.
- (c) If the insulation on an electric tool or cord is broken, cracked, missing or damaged, destroy and discard the tool or cord.

- (d) Never tamper with or remove three-prong grounding plugs or pins. This eliminates the grounding protection. When grounded outlets are not available — as may be found in older buildings — adapter plugs shall be used with the grounding wire secured to a positive ground. (Note: The cover plate screw may not give a positive ground, use your meter or GFCI tester to test for positive ground.)
- (e) Always use a GFCI when plugged in even when using double insulated tools.
- (f) Double-insulated tools may be used if they are distinctively marked with the words “Double Insulated,” or the symbol shown in Figure 9b.
- (g) When using extension cords, make sure the cord is plugged into a grounded outlet of correct voltage and the cord is capable of carrying the expected load. Extension cords shall conform to OSHA Standards and be Company-approved. 110-volt extension cords shall be durably marked with the size (12-3 or 14-3 AWG) and type as noted in the chart below:

Figure 9b



Figure 9c Approved Markings for Extension Cords

Hard Service				Junior Hard Service		
S	SO	ST	SE	SJ	SJE	SJT
	SOO	STO	SEO	SJO	SJEO	SJTO
		STOO	SEOO	SJOO	SJEOO	SJTOO

- (h) Flexible cords shall be used in continuous lengths without splice or tape. Hard service flexible cords No. 14 or larger may be repaired or spliced. The splice and insulation characteristics shall be equal or greater than the original cord.
- (i) Electric cords shall not be run through holes in walls, ceilings or floors. If run through doorways, windows, or similar openings, they shall be protected from damage.