

## MULTI-PURPOSE PIPE JOINER

### FEATURES

- Join gasketed pipe up to 14" nominal diameter.

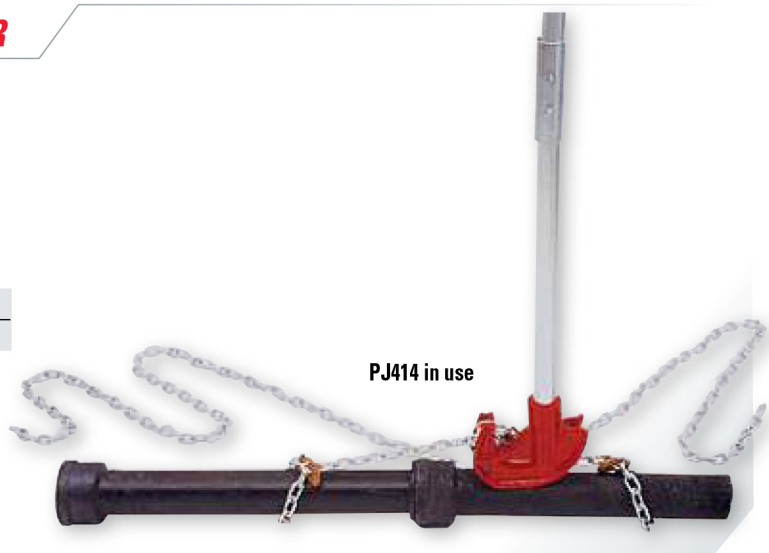
The **PJ414** utilizes a basic lever-and-chain approach to join medium and large gasketed pipe and fittings up to 14" size. It works for PVC, ductile iron, clay tile, cast iron soil pipe and concrete pipe. Use two PJ414's for heavier pipe. Uses 1/4" proof coil chain rated at 1600 lbs (727 kg). PJ414 comes complete with two 12' (3.7 m) lengths of chain, two grab hooks, plus a 2-piece extendable handle of over 4 feet that allows for a variety of applications.

Catalog No.	Item Code	Capacity		Weight	
		in-nom.	actual O.D. mm	lbs	kg
PJ414	08080	4 - 14	102 - 355	34.0	15.5

NOTES: Not for use with solvent cement joining of plastic pipe.

Double wrap chain around PVC for best grip.

PLASTIC PIPE JOINERS ON P. 36



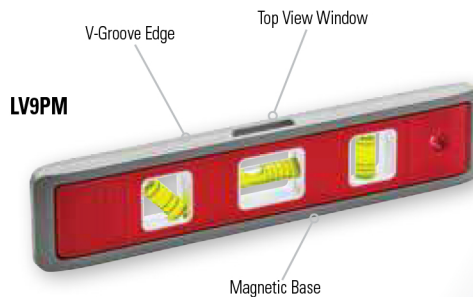
## TORPEDO LEVEL

### FEATURES

- 9-inch level with pitch measurements.
- Magnetic base** to sit flat and secure during levelling work.

Sturdy plastic, frame with magnetic base and working edges precision ground flat to sit flat. V-groove edge allows level to sit on pipe. Easy-to-read as white frames surround the yellow vials for contrast. Top view window for convenience. Vials read level, plumb and 45°. Vial indicates pitch at 1/8", 1/4" or 3/8" per foot without adjustments.

Catalog No.	Item Code	Material	Size-Inches	Weight	
				lbs	kg
LV9PM	06212	Plastic	5/8 X 1 1/4 X 9	0.3	0.1



## HACK SAW & BLADES

### FEATURES

- Bi-metal blades provide best performance on steel pipe.
- Tensioning knob** for adjustments and quick blade changes.
- Four permanent mounting pins permit both straight cutting and 45° angle for flush cutting.
- Room to store spares blades in frame.
- HK1228 ships with BH18 blade.

This versatile, high end hack saw and its replacement blades are adaptable to cut a wide variety of materials including steel, copper and plastic pipe. **HK1228** is a high-tension style hack saw. Bi-metal blades have a high speed steel cutting edge and are electron-beam welded to alloy steel back, with wavy set. When used with high-tension frames, bi-metal blades provide best performance. Blades and hack saw frames are interchangeable with Stanley®, Lenox®, Starrett®, M.K. Morse® and RIDGID®, among others.

### HACK SAW

Catalog No.	Item Code	Description	Blade	Throat Depth Inches	Weight	
					lbs	kg
HK1228	04489	High Tension Hack Saw	Bi-Metal Blade	3 3/4	1.2	0.5

### BI-METAL BLADES

Catalog No.	Item Code	Teeth per Inch	Length/Width/Thickness		Std. Pkg.	Weight	
			in-nom.	mm		lbs	kg
BH18	04491	18	12 x 1/2 x .025	300 x 13 x 0.6	10	0.5	0.2
BH24	04492	24	12 x 1/2 x .025	300 x 13 x 0.6	10	0.5	0.2
BH32	04493	32	12 x 1/2 x .025	300 x 13 x 0.6	10	0.5	0.2

NOTE: Coarse teeth (less teeth per inch) are to be used for softer materials like aluminum, brass or low carbon steels. The larger spaces between teeth keep them from clogging with metal fragments. Finer teeth are to be used on tougher or slightly harder materials like alloy, tool steels and some stainless steels.

