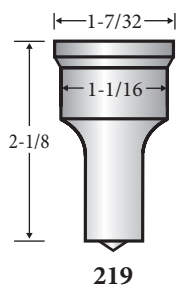


Edwards™/Hawthorne™/Pittsburgh™/Ironworkers

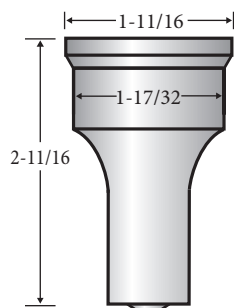
Model	Punch	Die
All Models	219	413

Note: Edwards™/Hawthorne™/Pittsburgh™ Ironworkers use Punch Style 228 or 241 or die Style 419 or 28XX for Oversize Hole Punching.

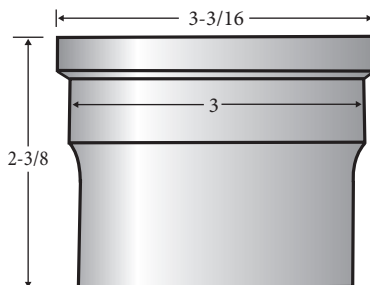
PUNCHES



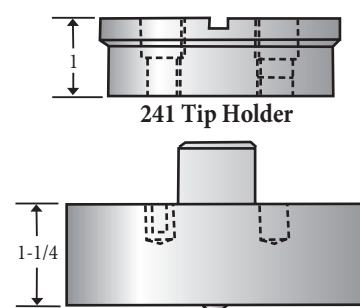
219



228



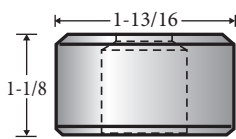
241



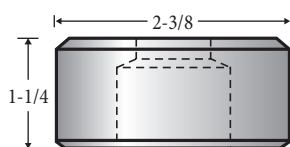
241 Tip Holder

241 Punch Tip
Available up to 4"

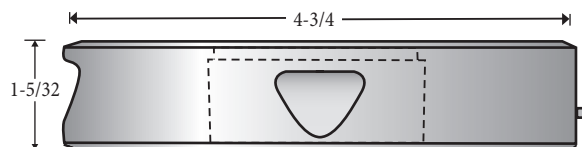
DIES



413

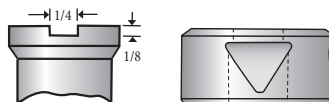


419



28XX

See page 14 for more information on 28XX dies.

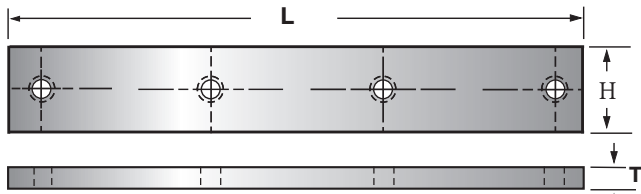


Edwards™/Hawthorne™/Pittsburgh™ Ironworkers use 1/4" x 1/8" Keyways and Whistle Spots for alignment of shaped punches and dies.

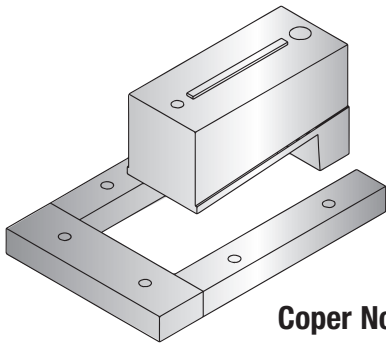


Edwards™/Hawthorne™/Pittsburgh™/Ironworkers

FLAT BAR SHEAR BLADES

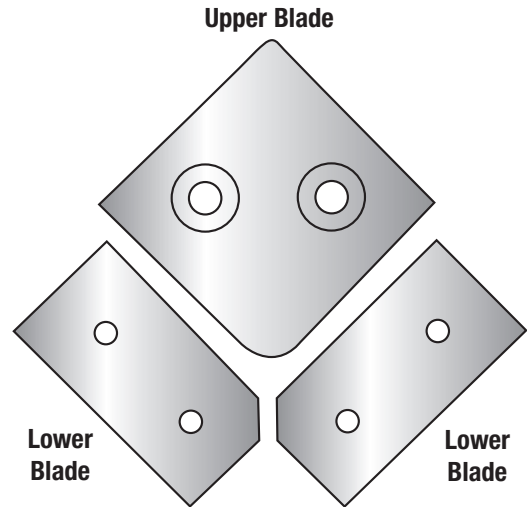


We stock shear blades 10" to 24" for every Edwards™/Hawthorne™/Pittsburgh™/Ironworkers. Each blade is reversible with 4 cutting edges. 2 blades required per set.



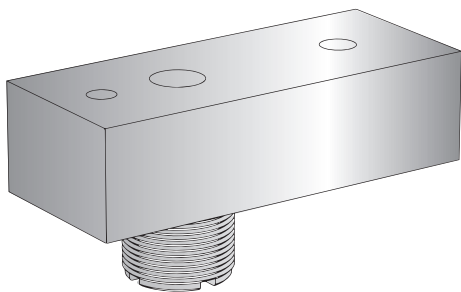
Coper Notcher Blades

ANGLE SHEAR BLADES

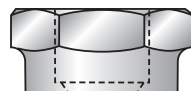
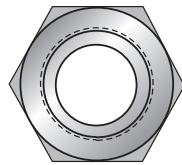


Upper blade is reversible with 2 cutting edges and 2 radii for large and small angles.

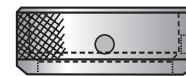
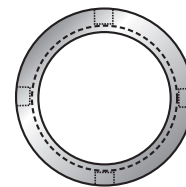
PUNCH STEMS AND COUPLING NUTS



Punch Stem

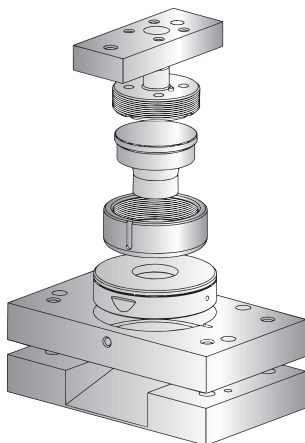


Coupling Nut

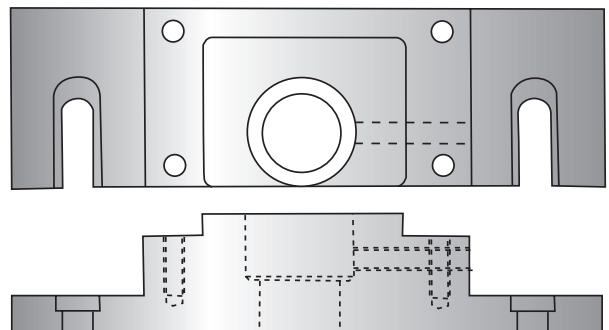


Spanner Nut

OVERSIZE ATTACHMENT



PEDESTAL DIE HOLDER



Edwards™/Hawthorne™/Pittsburgh™