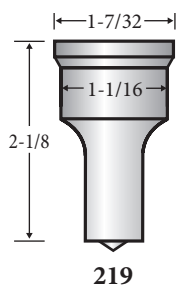


Edwards™/Hawthorne™/Pittsburgh™/Ironworkers

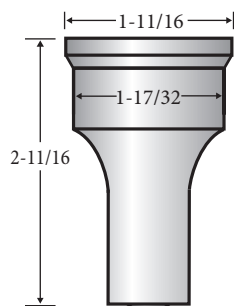
Model	Punch	Die
All Models	219	413

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

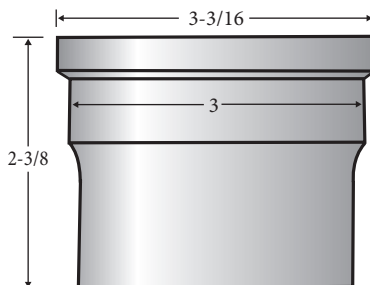
PUNCHES



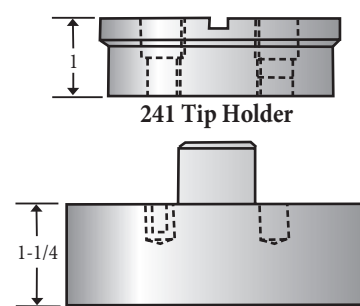
219



228



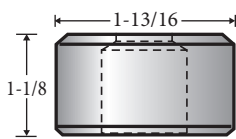
241



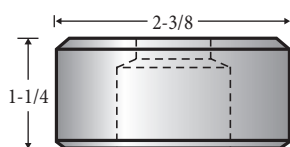
241 Tip Holder

241 Punch Tip
Available up to 4-1/2"

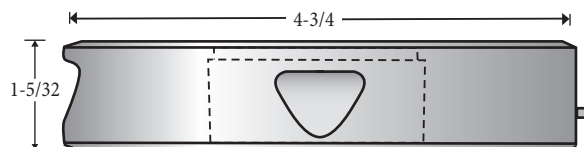
DIES



413

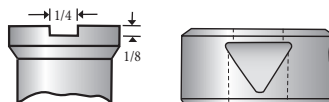


419



28XX

See page 14 for more information on 28XX dies.

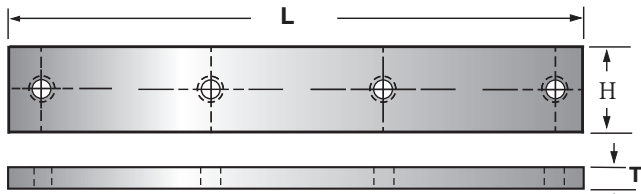


Edwards™/Hawthorne™/Pittsburgh™ Ironworkers use 1/4" x 1/8" Keyways and Whistle Spots for alignment of shaped punches and dies.

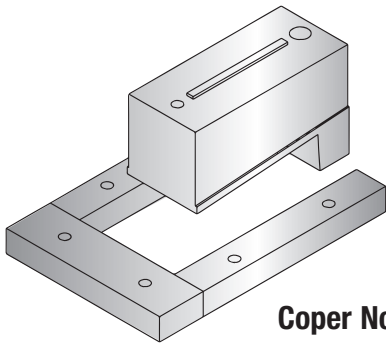


Edwards™/Hawthorne™/Pittsburgh™/Ironworkers

FLAT BAR SHEAR BLADES

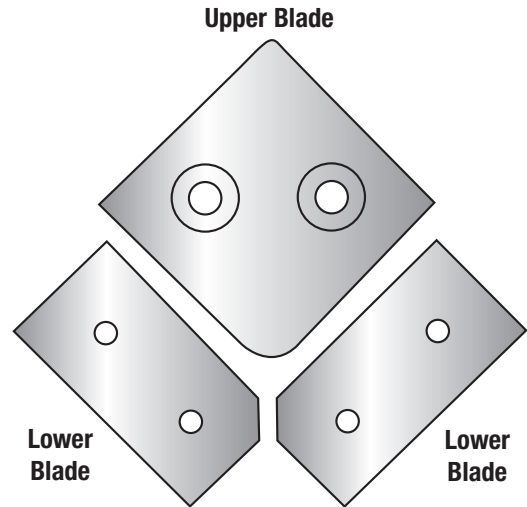


We stock shear blades 10" to 24" for every Edwards™/Hawthorne™/Pittsburgh™/Ironworkers. Each blade is reversible with 4 cutting edges. 2 blades required per set.



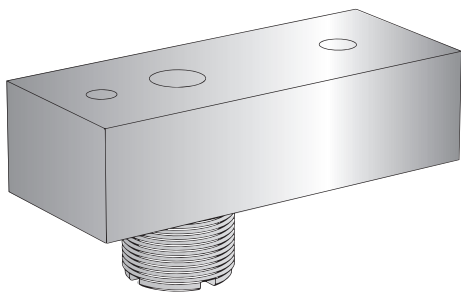
Coper Notcher Blades

ANGLE SHEAR BLADES

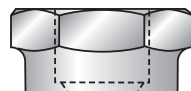
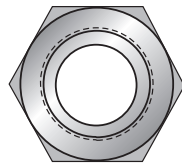


Upper blade is reversible with 2 cutting edges and 2 radii for large and small angles.

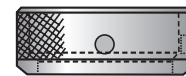
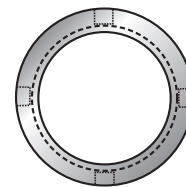
PUNCH STEMS AND COUPLING NUTS



Punch Stem

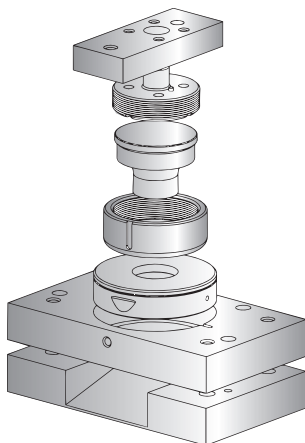


Coupling Nut

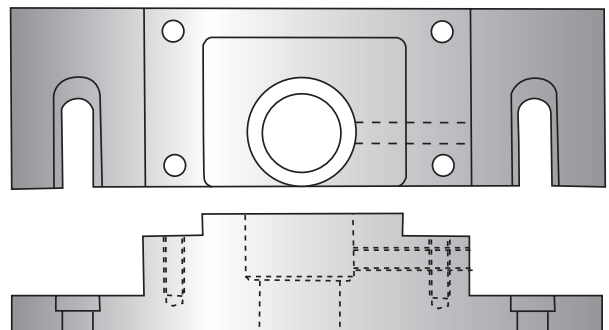


Spanner Nut

OVERSIZE ATTACHMENT



PEDESTAL DIE HOLDER



Edwards™/Hawthorne™/Pittsburgh™