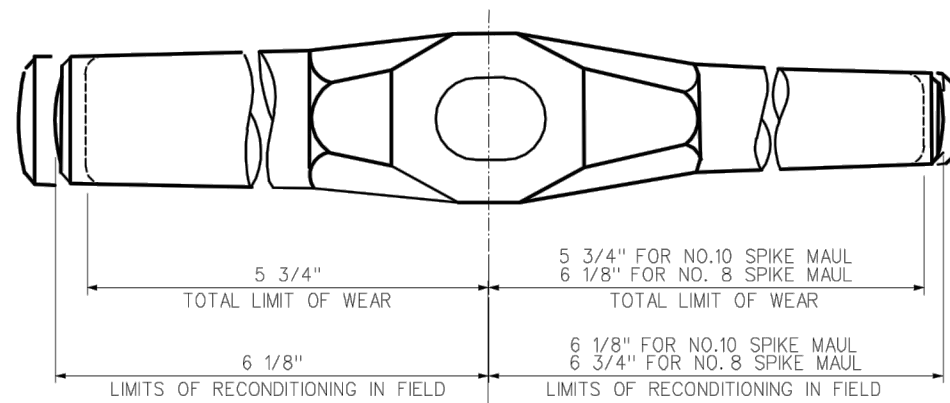
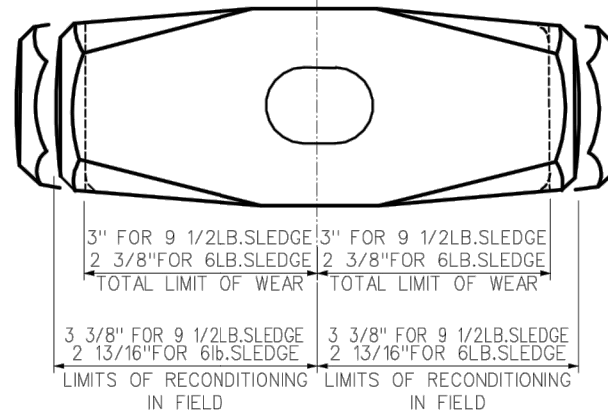


LIMITS OF WEAR

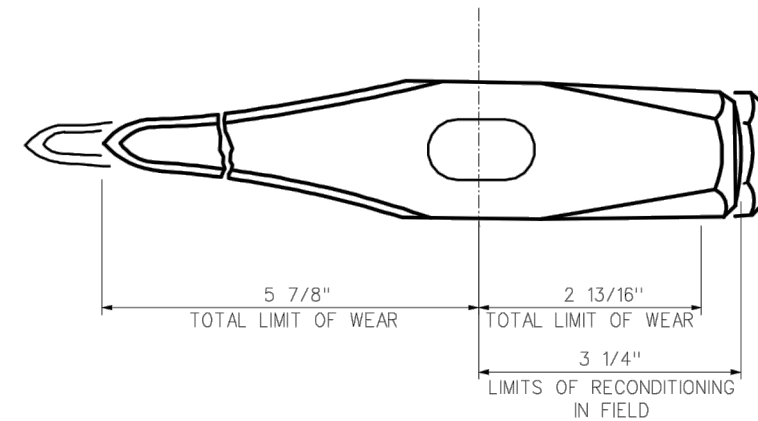
WHEN THE FACE OF THE TOOL HAS BEEN REPEATEDLY GROUND TO THE SIZE SHOWN AS "LIMIT OF RECONDITIONING IN FIELD" THE TOOL MUST BE RETURNED TO STORES.



SPIKE MAULS



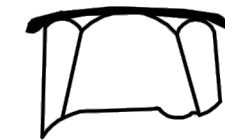
SLEDGE HAMMERS



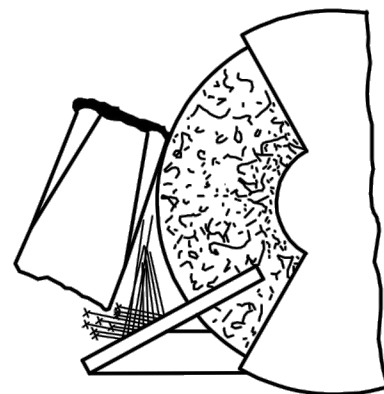
RAIL CHISEL

CAUTION SHOULD OUTSIDE METAL SPALL OFF NOT JUST CHIPS FROM GLANCING BLOWS, THIS INDICATES TOOL HAS NOT BEEN PROPERLY TEMPERED ... DO NOT GRIND SPALLED EDGE BUT RETURN TOOL TO STORES ... MARKED "DEFECTIVE"

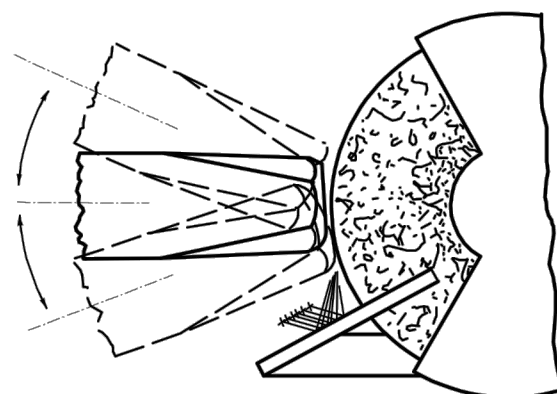
GRINDING REQUIRED WHEN THE BEVEL IS FLATTENED OUT AND MUSHROOMING BEGINS TO FORM. STRIKING FACE MUST NEVER BE ALLOWED TO GET A MUSHROOMED EDGE AT FACE AS ILLUSTRATED.



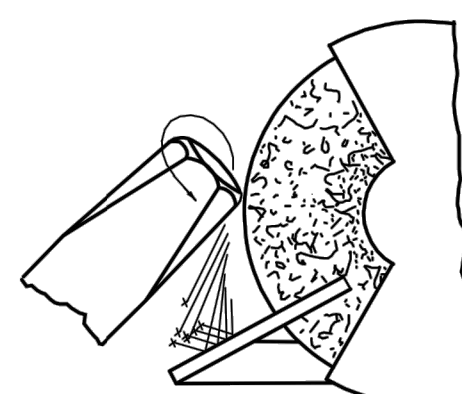
TOOL GRINDING PROCEDURES



1 STEP
GRIND OFF MUSHROOMED EDGES ON ALL SIDES



2 STEP
GRIND CROWN FACE - SWING TOOL UP AND DOWN ROTATING TOOL 1/8 OF A TURN - CONTINUE UNTIL FACE HAS A SMOOTH CROWN

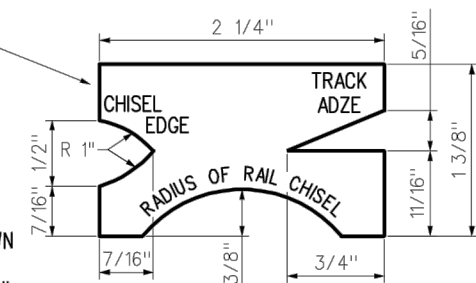


3 STEP
GRIND TOOL AT 45° ANGLE (APPROX.) TO OBTAIN 1/8" BEVEL ALL AROUND HEAD BY ROTATING SLOWLY.

CUTTING EDGE MUST BE KEPT SHARP BY GRINDING TO THIS TEMPLATE.

GAUGE TO BE MADE FROM 1/8" BRASS. GAUGES TO BE ACCURATELY MADE ACCORDING TO DIMENSIONS SHOWN.

1/8" HIGH LETTERING AS SHOWN TO BE CLEARLY STAMPED ON ONE SIDE AND GO SYMBOL 1/4" HIGH TO BE STAMPED ON OTHER SIDE.



METRIC CONVERSION: 1 inch=25.4mm, 1 foot=304.8mm

1	18/07/27	ADDED IMPERIAL TO METRIC CONVERSION NOTE	
No.	Date	Revision	By Approved

Standard / LIMITS OF WEAR & GRINDING INSTRUCTIONS
FOR
SPIKE MAULS - SLEDGE HAMMERS - RAIL CHISELS

Drawn MG Checked GGS Approved *[Signature]*
VP Engineering & Asset Management



METROLINX

Date DEC 15, 2017 Plan Number GTS-1803 Rev 1

REFERENCE: TS-1803 Sheet 1 OF 1