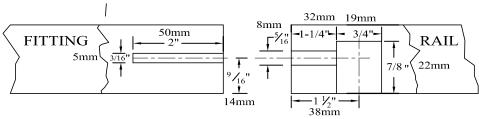
## ZIPBOLT "UT-MICRO RAILBOLT **GEARHEAD** 6mm HEX ON SHAFT -1-1/4"-32mm = 3/4" --1-7/8" **FITTING RAIL** 47mm 5mm 3/16 **411111111111111** 7/8" 22mm (FOR WRENCH) 1-5/8"-42mm GLUE-4mm DRIVER GEARHEAD IS SLOTTED SO RAILBOLT CAN BE DROPPED ON SHAFT ALSO FOR EASY (CAN BE AN ACCESSORY 4mm ALLEN WRENCH USED IN A DRILL WITH A LOW TORQUE SETTING) TIGHTENING OR **FITTING RAIL** WOODEN PLUG 3/4" 19mm -PLUG A TEMPLATE FOR JOINING RAIL TO FITTING USING RAIL CUTOFF 1. PREPARING A TEMPLATE MAKE A TEMPLATE BY CUTTING A 3/16" (5mm) WAFER FROM THE APPROPRIATE HAND RAIL. MEASURE ON THE CENTERLINE 9/16" (14mm) FROM THE BOTTOM OF THE RAIL. DRILL A 1/16" (2mm) DIA. HOLE AS SHOWN IN FIGURE 1. 14mm FIGURE 2 2. USING THE TEMPLATE WRITE RAIL ON ONE SIDE OF THE TEMPLATE AND FITTING ON THE OTHER SIDE. ALIGN THE TEMPLATE. MARK THE RAIL AND FITTING AS SHOWN IN FIGURE 2. RAIL.

## DRILLING RAIL AND FITTING - JOINING WITH RAIL BOLT **ASSEMBLY - INSTALLING HOLE PLUG**

FITTING



- DRILL 3/16" (5mm) DIA. HOLE IN FITTING 2" (50mm) DEEP IN LOCATION MARKED BY TEMPLATE (SEE FIG. 2)
- DRILL A 3/4" (19mm) DIA. HOLE IN BOTTOM OF RAIL ON CENTERLINE, 1-1/2" (38mm)
- FROM END OR RAIL.HOLE SHOULD BE 7/8"(22mm) DEEP.
  USING MARK MADE WITH TEMPLATE (SEE FIG. 2) DRILL A 5/16" (8mm) DIA. HOLE IN END OF RAIL. HOLE SHOULD BE 1-1/2" (38mm) DEEP.
- INSTALL RAIL BOLT IN FITTING WITH 1-5/8" (42mm) OF BOLT PROTRUDING.
- ASSEMBLE RAIL AND FITTING DRY TO CHECK FIT USING 4mm DRIVER ACCESSORY OR ALLEN WRENCH. USE GLUE ON FINAL ASSEMBLY. APPLY GLUE TO EDGES OF PLUG AND COVER 3/4" (19mm) DIA. HOLE IN BOTTOM OF RAIL. SAND SMOOTH.

OR YOU CAN USE TEMPLATE ON OTHER SIDE