



# **Raised Recess**

## **Dimple Dies**

**RAISED RECESS DIMPLE DIES ARE DESIGNED TO ADD DETAIL AND STRENGTH AROUND A COUNTERSUNK FASTENER WHILE MAINTAINING A FLUSH HEAD. THIS TYPE OF DIMPLE CAN BE FOUND ON MANY OLDER CARS FROM THE THIRTIES, FORTIES, AND FIFTIES. RECREATE THAT VINTAGE LOOK WITH THESE DIES. SIZES: #8,#10,1/4",5/16",3/8"**

### **TO INSTALL:**

- 1) PUNCH OR DRILL THE SIZE HOLE THAT CORRESPONDS WITH THE DIMPLE YOU WANT TO USE.**
- 2) INSERT THE MALE DIE OVER THE CORRESPONDING SHAFT OF OUR HF-D100 HYDRAULIC INSTALLATION TOOL (OR USE A BOLT, NOT PROVIDED) A PRESS OR BENCH VISE IS REQUIRED FOR THE SMALLER SIZES.**
- 3) INSERT THREADED STUD (ALIGNMENT BOLT/PIN) THROUGH THE HOLE IN YOUR PANEL,**
- 4) INSTALL THE FEMALE DIMPLE DIE ON THE BACK SIDE OF PANEL BY THREADING IT ON TO STUD. (SMALLER DIES HAVE NO THREADS, ONLY AN ALIGNMENT PIN-USE PRESS OR VISE)**
- 5) PUMP THE HF-D100 UNTIL THE DIMPLE IS COMPLETELY INSTALLED (DON'T OVER PUMP IT! THIS COULD BREAK THE MANDREL OR BLOW OUT THE SEAL IN THE TOOL) USE ANTI SIEZE ON BOLT THREADS AND DIES.**
- 6) PRESS THE RELEASE BOTTOM ON THE HF-D100,**
- 7) REMOVE FEMALE DIMPLE DIE, AND STUD FROM PANEL.**
- 8) IF THE DIES STICK TO THE PANEL TAP LIGHTLY ON THE SIDE OF THE DIES WITH A BRASS HAMMER TO REMOVE.**

**THESE DIMPLE DIES ARE CNC MACHINED FROM 4140 STEEL AND ARE RATED FOR UP TO 18GA MILD STEEL, 20GA STAINLESS STEEL, OR 16GA ALUMINUM MADE IN TEXAS!**

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