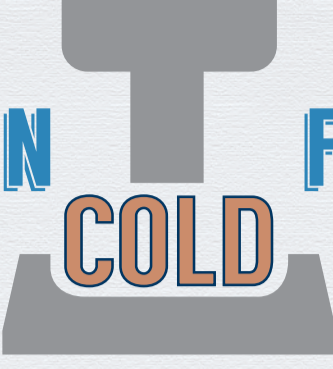




Precision Engineering & Cold Forming

WHAT IS PRECISION COLD FORMING?

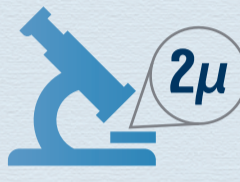


PRECISION **COLD FORMING** IS A MANUFACTURING PROCESS BY WHICH METAL IS SHAPED WITHOUT REMOVING MATERIAL. A BLANK IS PLACED WITHIN A DIE AND A PUNCH IS PRESSED INTO THE BLANK AT AMBIENT TEMPERATURE. THE BLANK TAKES ON THE FORM OF THE PUNCH AND THE DIE. ”

BENEFITS



TOTAL COST REDUCTIONS OF UP TO 70%



DIMENSIONAL TOLERANCES TO WITHIN PLUS OR MINUS 2 MICRONS



80% LESS WASTE MATERIAL

ZERO LIMITS TO THE SHAPE, SIZE OR COMPLEXITY OF METAL COMPONENTS

COLD FORMING AT

Italy Precision CNC Machining Inc.

30 MILLION COPPER PARTS COLD FORMED EACH YEAR



48 COLD FORMING MACHINES

HYDRAULIC PRESS PRESSURES TO 600 TONNES

OVER 60 YEARS EXPERIENCE IN COLD FORMING

300 TONNES OF COPPER COLD FORMED EACH YEAR



COLD FORMING IN ACTION

CREATED IN PARTNERSHIP WITH A LEADING PHARMACEUTICAL COMPANY, Italy Precision CNC DEVELOPED COMPONENTS FOR A REVOLUTIONARY NEEDLE-FREE SYRINGE DESIGNED TO RELIEVE THE SUFFERING OF PATIENTS WITH CENTRAL NERVOUS SYSTEM (CNS) AND PAIN DISORDERS.

Italy Precision CNC USED THE **COLD FORMING** PROCESS TO ACHIEVE SPECIALLY ENGINEERED PARTS, WITH A HIGHLY ACCURATE PROFILE AND FINISH, WHICH ARGUABLY COULDN'T HAVE BEEN PRODUCED TO SUCH EXACTING STANDARDS OR AS COST EFFECTIVELY VIA ANY OTHER METHOD. ”



Branch Address: Via Busto Fagnano, 40, 21057 Olgiate Olona VA, Italia.
Headquarters Address: Building 4, Dazhonggang Industrial Zone, Shajing Street, Baoan, Shenzhen, China. 518125



+86-755-27299111



italy.mfgmachined.com



inquiry.it@made-parts.com