

GENERAL INFORMATION

ORDERING For best results contact customer service and please specify on all orders the appropriate code number with description, and the quantity of the item that you require.

CLAIMS Shipments should be checked immediately upon arrival at your plant. Claims for shortages or errors must be presented within ten days after receipt of shipment.

RETURNED GOODS Goods must not be returned without our consent. Please contact our sales department for return goods authorization and procedures.

PAYMENT TERMS USA—1% 15 Days-Net 30
Canada—1% 20 Days-Net 30
International—2% 30 Days-Net 60

CANCELLATIONS Orders to be cancelled must first be taken up with us. Certain items, which require special tooling must be promptly attended to.

WAREHOUSE A warehouse facility was established in Illinois some time ago to facilitate prompt shipment of standard items to customers in that area.

SPECIAL PUNCHES Made to order specials will be furnished upon request by the customer, and, approval by us. Prints or samples may be required depending on the nature of the job. Your request for quotation will receive a speedy reply.

Head and recess styles which we produce can be made to customer specifications in most instances. Punches made to metric, DIN, and other foreign specifications are also available.

FULL BOX QUANTITIES In order to expedite deliveries, full box quantities should be ordered.

All 7/16 diameter punches	50 full box
All 9/16 diameter punches	35 full box
All 3/4 diameter punches	20 full box
All 7/8 diameter punches	15 full box
All 1 diameter punches	12 full box
All 1-1/4 diameter punches	6 full box
All 1-1/2 diameter punches	5 full box

WEAR RESISTANT COATINGS Wrentham can supply punches with many types of wear resistant coatings, including Chemical Vapor Deposition (CVD) and Physical Vapor Deposition (PVD) types. The properties of these coatings that make it useful are its high hardness and low coefficient of friction. When applied to punches the coating acts as a chemical and thermal barrier between the punch and the screw. The low coefficient of friction helps to prevent galling and metal pick-up, resulting in increased punch life, improved surface finish, and minimized downtime from fewer setups. (see page 61 for additional information)

COATED PLUS Wrentham Tool Products also supplies Coated Plus punches. These punches are highly polished prior to CVD or PVD coating, resulting in an increase of benefits specified above.

Please specify PVD or CVD "PLUS" when ordering.

WARNING Our products contain one or more of the following substances: Cobalt, Chromium, Iron, Manganese, Molybdenum, Nickel, Vanadium, Titanium, Carbon, Tungsten, Silicon, Aluminum, Tantalum Carbide, Tungsten Carbide, Silver, Copper, Zinc or Cadmium.

Grinding of these products will produce dust of potentially hazardous ingredients. To avoid hazardous health effects please wear appropriate safety equipment and observe and practice safety procedures at all times.

PUNCH BODY SIZES

D	L	G	E	F
.4375	1.000	.457	.125	.061
.5625	1.000	.457	.212	.105
.625	1.000	.457	.212	.105
.750	1.000	.457	.212	.105
.875	1.000	.457	.212	.105
1.000	1.000	.457	.212	.105
.875	1.500	—	—	—
1.250	1.000	.457	.212	.105
1.500	1.000	.457	.212	.105

Lead = 3/16" when "L" > 5/8
Lead = 1/8" when "L" < 5/8

