

28XX TOOLING

REPLACEMENT 28XX TOOLING IS MANUFACTURED BY UNITTOOL FROM S-5 SHOCK RESISTANT TOOL STEEL FOR LONG TROUBLE-FREE PERFORMANCE.

TERMS: NET 30 DAYS. F.O.B. OUR PLANT, ST. CATHARINES, ONT. PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

RETURNED MERCHANDISE: Merchandise may not be returned for credit without written authorization. Authorized returned merchandise must be shipped prepaid. Standard parts, round punches and dies are subject to a handling and restocking charge. Shaped punches and dies, in most cases, are not acceptable. Custom-made equipment is not returnable.

SHORTAGE CLAIMS: Claims for shortage must be made within 10 days of invoice date.

DIE CLEARANCE				
	.006	.012	.021	.037
Up to 16 Gauge	X			
Over 16 Ga. thru 1/8"		X		
Over 1/8" thru 9/32"			X	
Over 9/32" thru 1/2"				X

ROUND HOLE PUNCHES & DIES

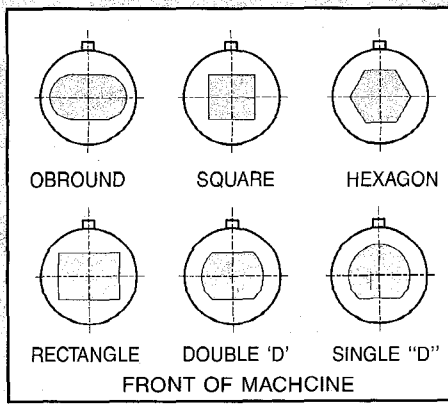
PUNCH	MAX. PUNCH TIP DIMENSION	PART NUMBER	DIE	MAX. PUNCH TIP DIMENSION	PART NUMBER
	.093 thru .172	P-28XX-172		.093 thru .8125	D-28XX-1250
	.173 thru .8125	P-28XX-812		.813 thru .999	D-28XX-2125A
	.813 thru .999	P-28XX-999		1.000 thru 1.437	D-28XX-2125B
	1.000 thru 1.437	P-28XX-1437		1.437 thru 2.000	D-28XX-2750
	1.437 thru 2.000	P-28XX-2000		1.437 thru 2.000	D-28XX-2750
	2.000 thru 2.500	P-28XX-2500		2.000 thru 2.500	D-28XX-3750A
	2.501 thru 3.000	P-28XX-3000		2.501 thru 3.000	D-28XX-3750B
	3.001 thru 3.500	P-28XX-3500		3.001 thru 3.500	D-28XX-4750A
	3.501 thru 4.000	P-28XX-4000		3.501 thru 4.000	D-28XX-4750B
	4.001 thru 5.000	P-28XX-5000		4.001 thru 5.000	D-28XX-5750

SHEAR ON PUNCH: All round punch tips from .093 through 1.4375 diameter are furnished with center point and without shear. All round punch tips over 1.4375 are furnished with 1/8" concave shear.

WARNING: Operating setup should be guarded to comply with applicable standards of operator safety.

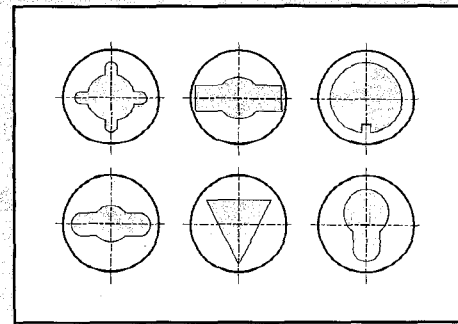
Standard Shapes

Standard shaped punches and dies will be shipped with key location as shown unless otherwise specified



Semi-Standard and Special Shapes

SEND SKETCH FOR PRICE QUOTATION (Specify Key Locations)



FOR SHAPED DIMENSIONS LESS THAN 3/32" - PRICE ON APPLICATION.

SHAPED HOLE PUNCHES & DIES

PUNCH	MAX. PUNCH TIP DIMENSION	PART NUMBER	DIE	FOR MAX. PUNCH TIP DIMENSION	PART NUMBER
	Up to .8125	P-28XX-813K		.093 thru .8125	D-28XX-1250K
	.813 thru .999	P-28XX-999K		.813 thru .999	D-28XX-2125K-A
	1.000 thru 1.437	P-28XX-1437K		1.000 thru 1.437	D-28XX-2125K-B
	1.438 thru 2.000	P-28XX-2000K		1.438 thru 2.000	D-28XX-2750K
	2.001 thru 2.750	P-28XX-2750K		2.001 thru 2.750	D-28XX-3750K
	2.751 thru 4.000	P-28XX-4000K		2.751 thru 4.000	D-28XX-4750K
	4.001 thru 5.000	P-28XX-5000K		4.001 thru 5.000	D-28XX-5750K *

SHEAR ON PUNCH: Shaped punches #P-28XX-2000K through P-28XX-5000K are furnished with 1/8" concave shear, if practical.

*CANNOT BE INDEXED 90 DEGREES. SPECIFY KEY LOCATION IN RELATION TO SHAPE.