

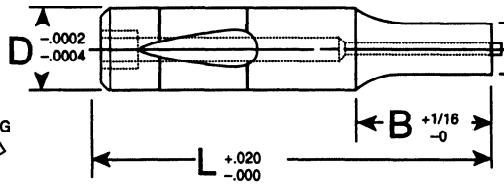
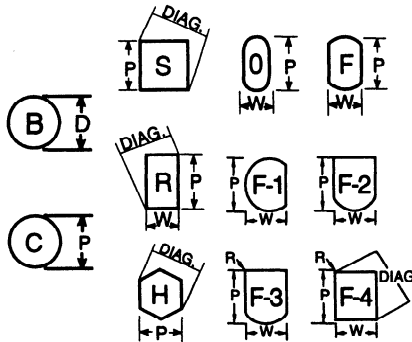


PIVOT PUNCH CORPORATION / BALL LOCK
EJECTOR PUNCH / HEAVY DUTY

STEEL: M2 R/C 60-62

HE()
M-2

YE()
M-2 STRAIGHT
GRIND



ROUND

TOL. #1	TOL. #2
+0.005 -0.000	+0.005 -0.005
T·I·R .0005	T·I·R .001

SHAPE

TOL. #1	TOL. #2
±.0005	±.001
T·I·R .001	T·I·R .002

UNIVERSAL CODE: 1302 (SEE PAGE 175)

** NOTE ON BLANKS NOMINAL SIZE -0.0002
-0.0004

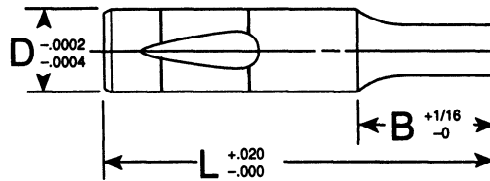
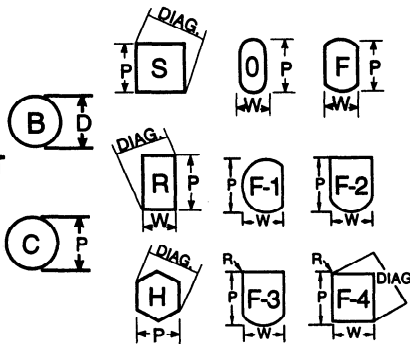
Shank		Point Length B				Round		Shape		Overall Length L										
D	Code	NAPMA		Alternate		Min. SP	Range P **	Min. SW	Min. Max. W DIAG.	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	5.00	
		S	B	C	D															
.375	113	.625	.75	1.00		.062	.125-.375	.062	.125-.374	X	X	X	X	X	X	X				
.500	114	.812	.75	1.00	1.25	.158	.187-.500	.158	.187-.499	X	X	X	X	X	X	X	X	X	X	X
.625	115	.937	.75	1.00	1.25	.158	.312-.625	.158	.250-.624	X	X	X	X	X	X	X	X	X	X	X
.750	116	1.062	.75	1.00	1.25	.235	.437-.750	.235	.312-.749	X	X	X	X	X	X	X	X	X	X	X
.875	117	1.187	.75	1.00	1.25	.300	.625-.875	.235	.375-.874		X	X	X	X	X	X	X	X	X	X
1.000	118	1.250	.75	1.00	1.25	.350	.750-1.000	.235	.437-.999			X	X	X	X	X	X	X	X	X
1.250	119	1.437	.75	1.00	1.25	.450	1.000-1.250	.235	.500-1.249			X	X	X	X	X	X	X	X	X

HOW TO ORDER TYPE D L B P
HEC 114 3.5 C .250

SOLID PUNCH / HEAVY DUTY

HB()
M-2

YB()
M-2 STRAIGHT
GRIND



ROUND

TOL. #1	TOL. #2
+0.005 -0.000	+0.005 -0.005
T·I·R .0005	T·I·R .001

SHAPE

TOL. #1	TOL. #2
±.0005	±.001
T·I·R .001	T·I·R .002

UNIVERSAL CODE: 1302 (SEE PAGE 175)

** NOTE ON BLANKS NOMINAL SIZE -0.0002
-0.0004

Shank		Point Length B				Round		Shape		Overall Length L										
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		S	B	C	D															
.375	113	.625	.75	1.00		.062	.125-.375	.062	.125-.374	X	X	X	X	X	X	X				
.500	114	.812	.75	1.00	1.25	.158	.187-.500	.158	.187-.499	X	X	X	X	X	X	X	X	X	X	X
.625	115	.937	.75	1.00	1.25	.158	.312-.625	.158	.250-.624	X	X	X	X	X	X	X	X	X	X	X
.750	116	1.062	.75	1.00	1.25	.235	.437-.750	.235	.312-.749	X	X	X	X	X	X	X	X	X	X	X
.875	117	1.187	.75	1.00	1.25	.300	.625-.875	.235	.375-.874		X	X	X	X	X	X	X	X	X	X
1.000	118	1.250	.75	1.00	1.25	.350	.750-1.000	.235	.437-.999			X	X	X	X	X	X	X	X	X
1.250	119	1.437	.75	1.00	1.25	.450	1.000-1.250	.235	.500-1.249			X	X	X	X	X	X	X	X	X

HOW TO ORDER TYPE D L B P
HBC 115 4 C .500