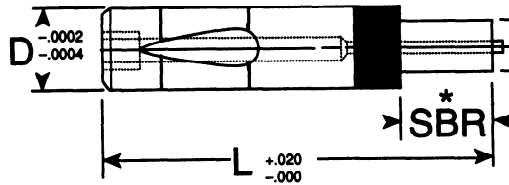
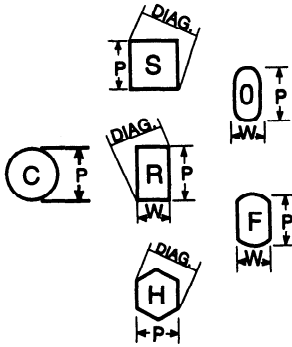




PIVOT PUNCH CORPORATION / BALL LOCK
**WHIPSLEEVE EJECTOR PUNCH
HEAVY DUTY**

STEEL: M2 R/C 60-62

XE()
M-2 STEEL



ROUND	
TOL. #1	TOL. #2
+0.0005	+0.0005
-0.0000	-0.0005
T· ·R .0005	T· ·R .001

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

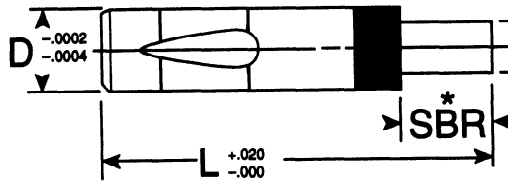
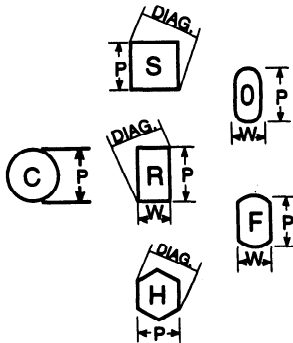
*SQUARE, HEXAGON PT. - SBR=3xP or MAX.
FLATTED ROUND, OBLONG, RECTANGLE PT. - SBR=3xW or MAX.

Shank		MAX SBR	Round Range P	Shape		Overall Length L					
D	Code			Min. W	Max. DIAG.	2.50	2.75	3.00	3.50	3.75	4.00
.375	113	.62	.093-.218	.093-.218	X	X	X	X	X	X	
.500	114	.62	.125-.297	.125-.297	X	X	X	X	X	X	
.625	115	.62	.203-.375	.203-.375	X	X	X	X	X	X	
.750	116	.75	.281-.500	.281-.500			X	X	X	X	
.875	117	.75	.390-.625	.312-.625			X	X	X	X	
1.000	118	.87	.468-.687	.437-.687			X	X	X	X	
1.250	119	1.00	.687-.937	.500-.937			X	X	X	X	

HOW TO ORDER TYPE D L P
XEC 114 3 .187

**WHIPSLEEVE SOLID PUNCH
HEAVY DUTY**

XB()
M-2 STEEL



ROUND	
TOL. #1	TOL. #2
+0.0005	+0.0005
-0.0000	-0.0005
T· ·R .0005	T· ·R .001

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

*SQUARE, HEXAGON PT. - SBR=3xP or MAX.
FLATTED ROUND, OBLONG, RECTANGLE PT. - SBR=3xW or MAX.

Shank		MAX SBR	Round Range P	Shape		Overall Length L					
D	Code			Min. W	Max. DIAG.	2.50	2.75	3.00	3.50	3.75	4.00
.375	113	.62	.093-.218	.093-.218	X	X	X	X	X	X	
.500	114	.62	.125-.297	.125-.297	X	X	X	X	X	X	
.625	115	.62	.203-.375	.203-.375	X	X	X	X	X	X	
.750	116	.75	.281-.500	.281-.500			X	X	X	X	
.875	117	.75	.390-.625	.312-.625			X	X	X	X	
1.000	118	.87	.468-.687	.437-.687			X	X	X	X	
1.250	119	1.00	.687-.937	.500-.937			X	X	X	X	

HOW TO ORDER TYPE D L P
XBC 114 3 .250