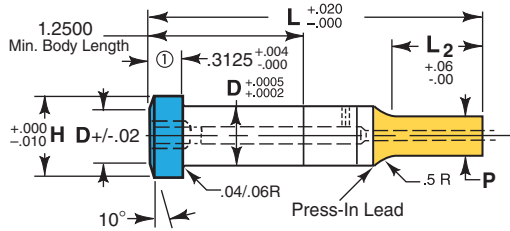
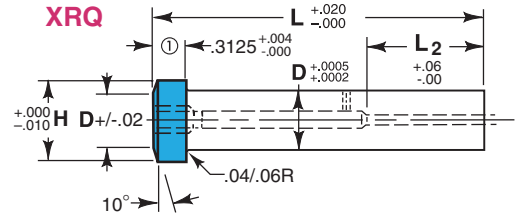


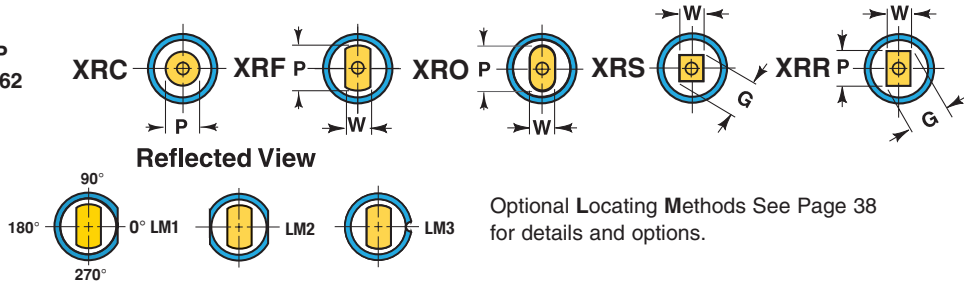
# PORTER Xtreme Retrako Punches (XR-)



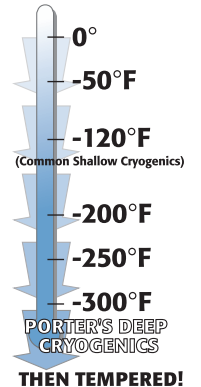
**Steel: PM4 Rc 60-63**  
**Heads Rc 40-55**  
**TOLERANCES**  
 Round P  $\begin{matrix} +.0005 \\ -.0000 \end{matrix}$   $\text{\textcircled{C}}$  .0005 P to D  
 Shape P, W  $\pm .0005$   $\text{\textcircled{C}}$  .001 P,W to D  
 Back Draft .001/inch L2 max.



**Ordering Example:**  
 Qty Type L2L P  
 8 XRC 1.00/3.00 x .662



Optional Locating Methods See Page 38 for details and options.

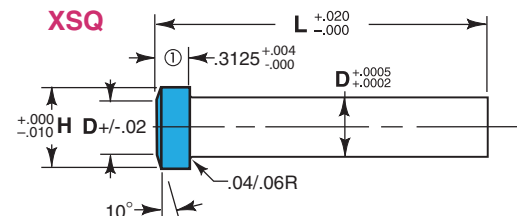
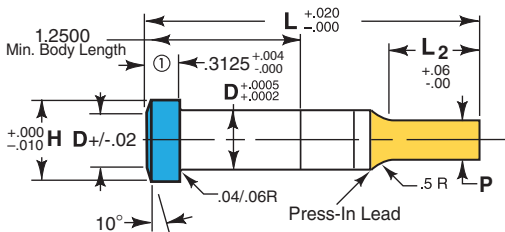


**THEN TEMPERED!**  
 All Porter Xtreme Punches are "Deep Cryogenically" treated for  
 1. Wear  
 2. Toughness  
 3. Dimensional Stability  
 See page 42 for more details.

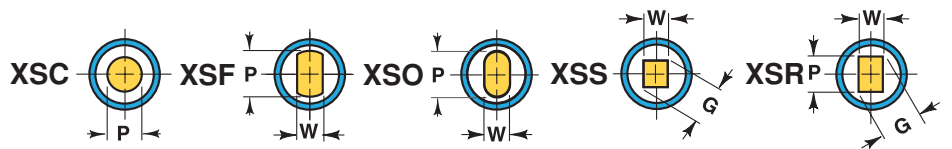
Shank		Head H	Point Length L2 Alternates			Lengths L in .25" Increments	Point				Replacement Retrako Kit*
D	Code No.		(.50)	(.75)	(1.00)		Round		Shape		
.3750	37	.562	●	●	●	2.25 thru 4.00	.158	.158 - .3749	.158	.3750	K6I
.4375	43	.625	●	●	●	2.25 thru 4.00	.158	.187 - .4374	.187	.4375	K6I
.5000	50	.687	●	●	●	2.25 thru 4.00	.158	.250 - .4999	.187	.5000	K6I
.6250	62	.812	●	●	●	2.50 thru 4.00	.235	.375 - .6249	.250	.6250	K9I
.7500	75	.937	●	●	●	2.50 thru 4.00	.300	.500 - .7499	.312	.7500	K9I
.8750	87	1.062	●	●	●	2.50 thru 4.00	.400	.562 - .8749	.312	.8750	K9I
1.0000	100	1.187	●	●	●	2.50 thru 4.00	.400	.625 - .9999	.375	1.0000	K9I

①  $\begin{matrix} +.0005 \\ -.0005 \end{matrix}$  Add PRT to order call out. \*Retrako kits available see page 36 for details.

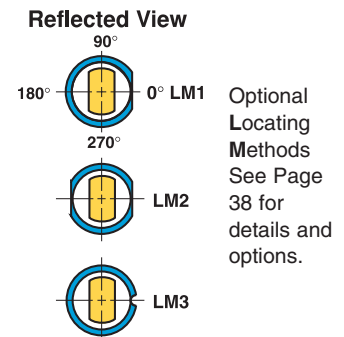
# PORTER Xtreme Standard Punches (XS-)



**Ordering Example:** Qty Type L2L P  
 8 XSC .50/250 x .447



Shank		Head H	Point Length L2 Alternates			Lengths L in .25" Increments	Point			
D	Code No.		(.50)	(.75)	(1.00)		Round		Shape	
.3750	37	.562	●	●	●	2.25 thru 4.00	.158	.158 - .3749	.158	.3750
.4375	43	.625	●	●	●	2.25 thru 4.00	.158	.187 - .4374	.187	.4375
.5000	50	.687	●	●	●	2.25 thru 4.00	.158	.250 - .4999	.187	.5000
.6250	62	.812	●	●	●	2.50 thru 4.00	.235	.375 - .6249	.250	.6250
.7500	75	.937	●	●	●	2.50 thru 4.00	.300	.500 - .7499	.312	.7500
.8750	87	1.062	●	●	●	2.50 thru 4.00	.400	.562 - .8749	.312	.8750
1.0000	100	1.187	●	●	●	2.50 thru 4.00	.400	.625 - .9999	.375	1.0000



①  $\begin{matrix} +.0005 \\ -.0005 \end{matrix}$  Add PRT to order call out.

**Standard Alterations are changes that are beyond the ranges listed in the catalog that can be altered for a minimal charge. See page 37.**

**For additional standard forms and configurations see pages 32 and 33.**