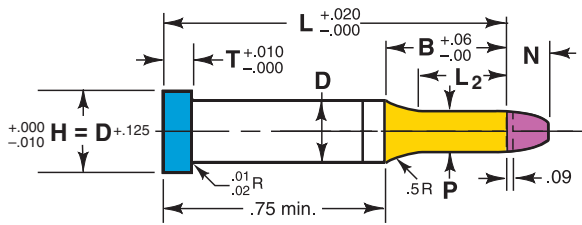


# PORTER Standard Headed Pilots

## Regular Parabolic Pilot-SP Type



B & L Lengths do not include Pilot Tip N

Steel: A2 L ≤ 4" OAL  
M2 Rc 60-63  
Heads Rc 40-55 (1" Ø and smaller and L ≥ 2")

### TOLERANCES

Round P  $\begin{matrix} +.0005 \\ -.0000 \end{matrix}$  © .0005 P to D

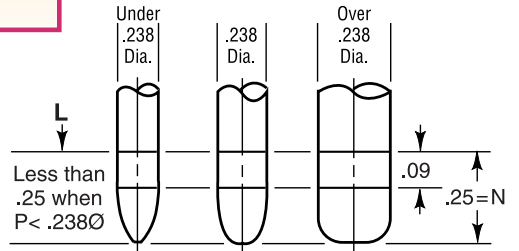
Manufactured to ANSI and NAPMA Standards where applicable.

Headless Punch Pilots are also available. To order call out:  
Regular Pilot = HRP  
Locator Pilot = HLP  
Angular Pilot = HAP  
All standard ranges and tolerances apply.

Ordering Example: Qty Steel Type D B L P  
6 A2 SP 62 S x 3.00 x .500

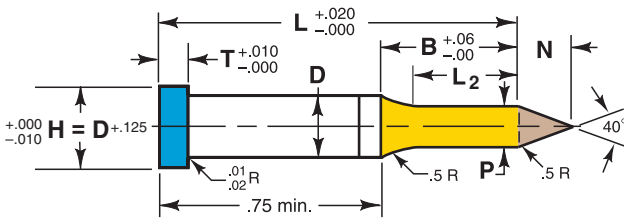
## Standard Precision Regular Pilot

Pilot Type	D $\begin{matrix} +.0005 \\ +.0002 \end{matrix}$	Point Length B				Lengths L in .25" Increments	Range P $\begin{matrix} +.0005 \\ -.0000 \end{matrix}$	N	T
		Std.	Alternates						
		S	B(.75)	C(1.0)	D(1.25)				
SP18	.1875	.437	•			1.50 thru 3.75	.061 – .1875	.250	.125
SP25	.2500	.500	•			1.50 thru 4.00	.061 – .2500	.250	.125
SP31	.3125	.562	•	•		1.50 thru 4.00	.092 – .3125	.250	.125
SP37	.3750	.625	•	•		1.75 thru 4.50	.124 – .3750	.250	.187
SP50	.5000	.812	•	•		2.00 thru 4.50	.249 – .5000	.250	.187
SP62	.6250	.937	•	•	•	2.00 thru 4.50	.374 – .6250	.250	.250
SP75	.7500	1.062	•	•	•	2.25 thru 4.50	.499 – .7500	.250	.250
SP87	.8750	1.125	•	•	•	2.50 thru 4.00	.561 – .8750	.250	.250
SP100	1.0000	1.250	•	•	•	2.50 thru 4.50	.624 – 1.0000	.250	.250
SP125	1.2500	1.375	•	•	•	2.50 thru 4.50	.624 – 1.2500	.250	.250



All Lengths under 4.50 OAL in Light Blue Panel have Hot Forged Heads for added strength and toughness.

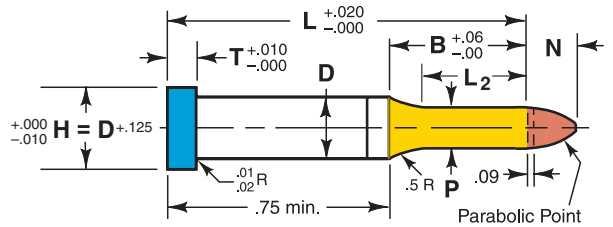
## Angular Pilot-SAP Type



B & L Lengths do not include Pilot Tip N

Ordering Example: Qty Steel Type D B L P  
4 M2 SAP 50 C x 3.00 x .436

## Long Parabolic Locator Pilot-SLP Type



B & L Lengths do not include Pilot Tip N

Ordering Example: Qty Steel Type D B L P  
9 M2 SLP 50 D x 3.00 x .436

Pilot Type	D $\begin{matrix} +.0005 \\ +.0002 \end{matrix}$	Point Length B				Lengths L in .25" Increments	Range P $\begin{matrix} +.0005 \\ -.0000 \end{matrix}$	N MAX	T	Pilot Type
		Std.	Alternates							
		S	B(.75)	C(1.0)	D(1.25)					
SAP18	.1875	.437	•			2.25 thru 3.50	.061 – .1875	.187	.125	SLP18
SAP25	.2500	.500	•			2.25 thru 3.50	.061 – .2500	.250	.125	SLP25
SAP31	.3125	.562	•	•		2.50 thru 4.00	.092 – .3125	.312	.125	SLP31
SAP37	.3750	.625	•	•		2.50 thru 4.25	.124 – .3750	.375	.187	SLP37
SAP50	.5000	.812	•	•	•	2.50 thru 5.50	.249 – .5000	.500	.187	SLP50
SAP62	.6250	.937	•	•	•	2.50 thru 5.25	.374 – .6250	.625	.250	SLP62
SAP75	.7500	1.062	•	•	•	2.50 thru 5.25	.436 – .7500	.750	.250	SLP75
SAP87	.8750	1.125	•	•	•	3.00 thru 5.00	.561 – .8750	.875	.250	SLP87
SAP100	1.0000	1.250	•	•	•	3.00 thru 5.00	.624 – 1.0000	1.000	.250	SLP100
SAP125	1.2500	1.375	•	•	•	3.00 thru 4.75	.624 – 1.2500	1.250	.250	SLP125

All Lengths under 4.50 OAL in Light Blue Panel have Hot Forged Heads for added strength and toughness.

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