



**WHERE  
PRECISION  
DRIVES  
PRODUCTION**



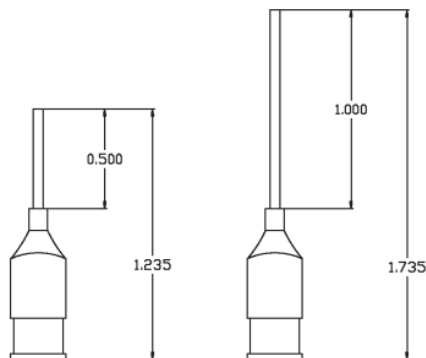
**METAL REUSABLE NEEDLES**

**NICKEL PLATED BRASS HUB AND STAINLESS STEEL CANULA**

PVA reusable needles feature a nickel plated brass hub and a stainless steel canula for superior chemical resistance and increased accuracy and durability.

**CORRESPONDING SIZE**

GAUGE	INNER DIAMETER		OUTER DIAMETER	
	IN	MM	IN	MM
8	0.135	3.42	0.165	4.19
10	0.116	2.95	0.134	3.40
11	0.094	2.39	0.120	3.05
12	0.085	2.16	0.109	2.77
13	0.071	1.80	0.095	2.41
14	0.063	1.60	0.083	2.11
15	0.054	1.37	0.072	1.83
16	0.047	1.19	0.065	1.65
18	0.033	0.84	0.050	1.27
19	0.027	0.69	0.043	1.09
20	0.023	0.58	0.036	0.91
21	0.020	0.51	0.032	0.81
22	0.016	0.41	0.028	0.71
23	0.013	0.33	0.025	0.64
25	0.010	0.25	0.020	0.51
27	0.008	0.20	0.016	0.41



**1 PIECE**

GAUGE	CANULA LENGTH / PART NUMBER	
	½" LENGTH	1" LENGTH
8	PV-08G-0.5	PV-08G-1
10	PV-10G-0.5	PV-10G-1
11	PV-11G-0.5	PV-11G-1
12	PV-12G-0.5	PV-12G-1
13	PV-13G-0.5	PV-13G-1
14	PV-14G-0.5	PV-14G-1
15	PV-15G-0.5	PV-15G-1
16	PV-16G-0.5	PV-16G-1
18	PV-18G-0.5	PV-18G-1
19	PV-19G-0.5	PV-19G-1
20	PV-20G-0.5	PV-20G-1
21	PV-21G-0.5	PV-21G-1
22	PV-22G-0.5	PV-22G-1
23	PV-23G-0.5	PV-23G-1
25	PV-25G-0.5	PV-25G-1
27	PV-27G-0.5	PV-27G-1

**50 PIECE BOX**

GAUGE	CANULA LENGTH / PART NUMBER	
	½" LENGTH	1" LENGTH
8	PV-08G-0.5	PV-08G-1
10	PV-10G-0.5	PV-10G-1
11	PV-11G-0.5	PV-11G-1
12	PV-12G-0.5	PV-12G-1
13	PV-13G-0.5	PV-13G-1
14	PV-14G-0.5	PV-14G-1
15	PV-15G-0.5	PV-15G-1
16	PV-16G-0.5	PV-16G-1
18	PV-18G-0.5	PV-18G-1
19	PV-19G-0.5	PV-19G-1
20	PV-20G-0.5	PV-20G-1
21	PV-21G-0.5	PV-21G-1
22	PV-22G-0.5	PV-22G-1
23	PV-23G-0.5	PV-23G-1
25	PV-25G-0.5	PV-25G-1
27	PV-27G-0.5	PV-27G-1

15 Solar Drive  
Halfmoon NY 12065  
tel 518 371 2684  
fx 518 371 2688  
www.pva.net