



**WHERE
PRECISION
DRIVES
PRODUCTION**



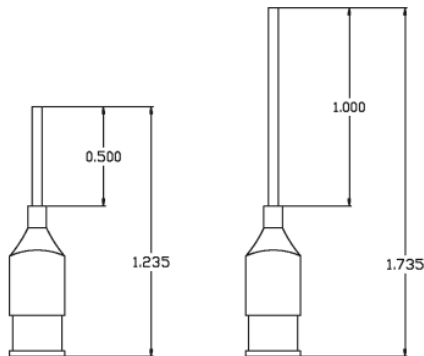
METAL REUSABLE NEEDLES

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

One Mustang Drive
Cohoes NY 12047
tel 518 371 2684
fx 518 371 2688
www.pva.net