



A Stronger, More Durable Casing Shoe

Introducing The Silverback Series

This robust new casing shoe from Pilot Diamond Tools offers field-proven benefits, whatever challenge you throw at it:

Improved toughness:

To resist premature segment failure in badly broken ground or gravels. The best materials and manufacturing processes count for nothing if the product is prone to catastrophic failure when the going is unpredictable.

Enhanced resistance to severe abrasion:

Such as in sands or coarse, friable sediments. Pilot's improved matrix metallurgy matched with previously unavailable diamond treatments, have resulted in a force to be reckoned with in even the most aggressive ground.

Measurable improvements in penetration rate through boulders or into bedrock:

The common industry solutions to resisting broken ground or severe abrasion will usually result in poor penetration in boulders and competent rock. We have the answer to all these situations in one productive package.



The Silverback Series

PART #	PART DISCRIPTION
990730	SHOE, NW SILVERBACK SERIES CASING
990740	SHOE, NW HD O/S SILVERBACK SERIES CASING
990741	SHOE, NWT SILVERBACK SERIES CASING
990742	SHOE, NWT HD O/S HD SILVERBACK SERIES
990745	SHOE, HWT SILVERBACK SERIES CASING
990747	SHOE, HWT HD O/S SILVERBACK SERIES CASING
990743	SHOE, HW SILVERBACK SERIES CASING
990744	SHOE, HW HD O/S SILVERBACK SERIES CASING
990750	SHOE, PWT SILVERBACK SERIES CASING
990752	SHOE, PWT HD O/S SILVERBACK SERIES CASING
990748	SHOE, PW SILVERBACK SERIES CASING
990749	SHOE, PW HD O/S SILVERBACK SERIES CASING
990757	SHOE, SWT SILVERBACK SERIES CASING
990758	SHOE, SWT HD O/S SILVERBACK SERIES CASING
990755	SHOE, SW SILVERBACK SERIES CASING
990756	SHOE, SW HD O/S SILVERBACK SERIES CASING
990760	SHOE, H-W/L SILVERBACK SERIES ROD
990761	SHOE, H-W/L HD O/S SILVERBACK SERIES ROD
990762	SHOE, HR-W/L SILVERBACK SERIES ROD
990763	SHOE, HR-W/L HD O/S SILVERBACK SERIES ROD

PRODUCT	OUTSIDE DIAMETER		OUTSIDE DIAMETER		INSIDE DIAMETER		INSIDE DIAMETER	
	Imperial (Inch)	Metric (mm)	Inch-Min/Max	MM-Min/Max	Imperial (Inch)	Metric (mm)	Inch-Min/Max	MM-Min/Max
NW/NWT/H-W/L	3.615	91.82	3.610/3.620	91.69/91.95	2.992	76.00	2.987/2.997	75.87/76.12
NW/NWT/H-W/L .205 Oversize	3.820	97.03	3.815/3.825	96.9/97.16	2.992	76.00	2.997/2.987	75.87/76.12
HW/HWT	4.627	117.53	4.617/4.632	117.27/117.65	3.925	99.70	3.920/3.930	99.57/99.82
HW/HWT .205 Oversize	4.832	122.73	4.822/4.837	122.48/122.86	3.925	99.70	3.920/3.930	99.57/99.82
PW/PWT	5.650	143.51	5.640/5.660	143.26/143.76	5.000*	127.00	4.990/5.010	126.75/127.25
PW/PWT .205 Oversize	5.855	148.72	5.845/5.865	148.46/148.97	5.000*	127.00	4.990/5.010	126.75/127.25
SW/SWT	6.790	172.47	6.780/6.800	172.21/172.72	6.000**	152.40	5.990/6.010	152.15/152.65
SW/SWT .205 O/S	6.995	177.67	6.985/7.005	177.42/177.93	6.000**	152.40	5.990/6.010	152.15/152.65

*Inside diameter opened to 5.00" to allow 4.875" Roller Bit to pass through unobstructed

**Inside diameter opened to 6.00" to allow 5.75" or 5.875" Roller Bit to pass through unobstructed