

# INTRODUCING TRIDENT™

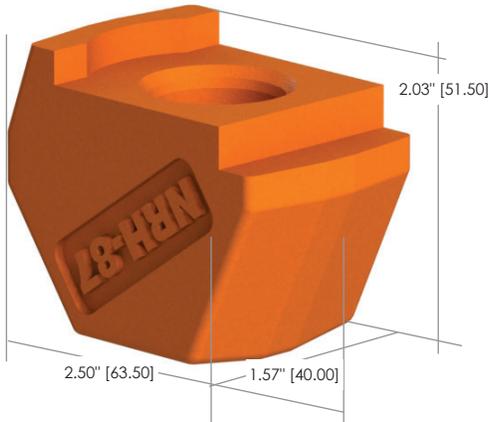
The most versatile teeth and holders on the market.

## THREE TEETH. ONE HOLDER.

Non-Rotating [NR] Radial Tooth | Non-Rotating Wedge Tooth [NRW] | Strata® [SR] Rotating Conical Tooth

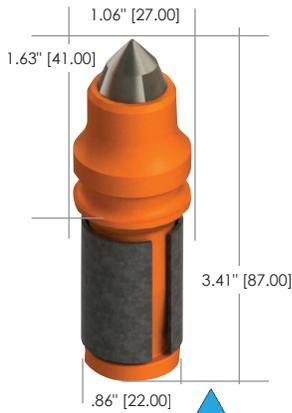
PATENT NO. D778,967

### 87 Series Teeth and Holder .87" Shank

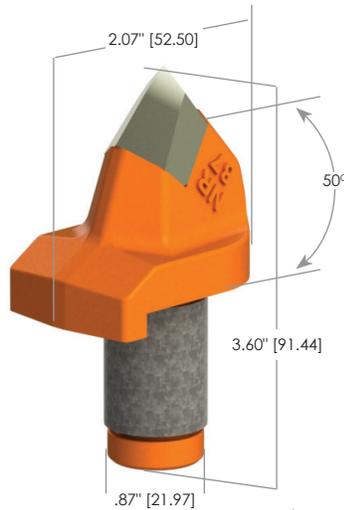


ITEM	SHANK DIA	BOX QTY	BOX WEIGHT	PART NO.
NRH-87 TRIDENT HOLDER	.86"	25	31.25	990087
NR-87 TOOTH	.86"	40	39.6	990094
SL02 TOOTH	.86"	65	32.5	850031
NRW-87 TOOTH	.86"	30	39.9	990100

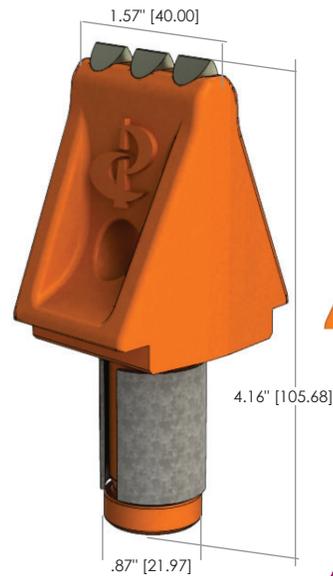
NRH-87  
Trident Holder  
for .87" Shank  
Trident Series Teeth  
990087



SL-02  
Conical Tooth  
850031



NR-87  
Non-Rotating  
Tooth  
990094



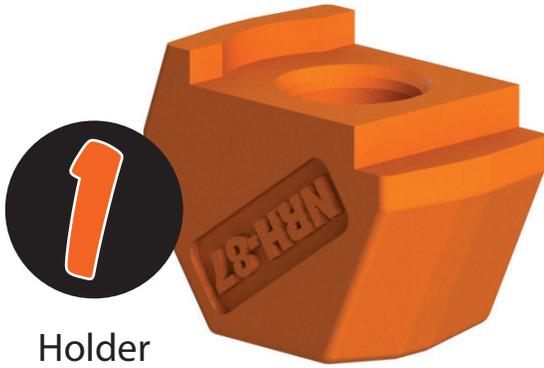
NRW-87  
Non-Rotating  
Wedge Tooth  
990100





Pengo is excited to introduce the TriDent series of holders and teeth. The patented TriDent® holders are designed to work with three different types of teeth, the Strata Conical Tooth, a Non-rotating Radial Tooth and a Non-Rotating Wedge tooth.

1, 3, 7 – It's That Easy! One holder coupled with three types of teeth provide drillers seven different soil conditions to drill in. Whether it is gravel, fracturable rock or non-fracturable the TriDent teeth provide maximum performance over standard teeth.



Holder

The most versatile teeth and holders on the market.



TEETH



drilling conditions



	1	2	3	4	5	6	7
	dirt	sand	silt	clay	gravel	fracturable rock	non-fracturable rock
1	dirt; peat, organic silts, very loose sand, very soft, swamp, marsh						soil abrasion: low
2	sand; loose, fine sand; loess and medium clay, flood plain soils, lake clay						soil abrasion: med
3	silt; coarse sand to stiff clay, dense hydraulic fill, compacted fill, residual soils						soil abrasion: high
4	clay; stiff to very stiff clay, glacial till, hard-pan, marls						soil abrasion: low to med.
5	gravel; basalt, very hard silts and clay, weathered laminated rock						soil abrasion: high
6	fracturable rock; caliche, coarse gravel and cobbles; frozen soil						soil abrasion: high
7	non-fracturable rock; granite, basalt, massive limestone						soil abrasion: high

# INTRODUCING TRIDENT™

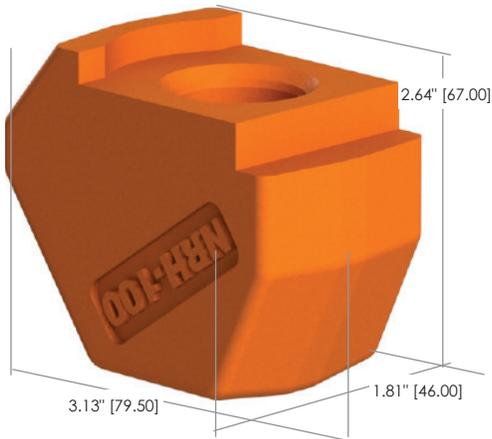
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## THREE TEETH. ONE HOLDER.

Non-Rotating [NR] Radial Tooth | Non-Rotating Wedge Tooth [NRW] | Strata® [SR] Rotating Conical Tooth

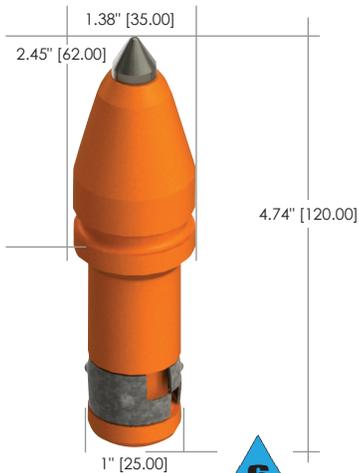
PATENT NO. D778,967

### 100 Series Teeth and Holder 1" Shank



ITEM	SHANK DIA	BOX QTY	BOX WEIGHT	PART NO.
NRH-100 TRIDENT HOLDER	1"	15	36.3	990088
NR-100 TOOTH	1"	35	47.25	990092
SR-100 TOOTH	1"	35	36.75	850023
NRW-100 TOOTH	1"	20	41.2	990098

NRH-100  
Trident Holder  
for 1" Shank  
Trident Series Teeth  
990088



SR-100  
STRATA Conical  
Tooth  
850023

**STRATA**  
DRILLING GRADE CARBIDE



NR-100  
Non-Rotating  
Tooth  
990092



NRW-100  
Non-Rotating  
Wedge Tooth  
990098



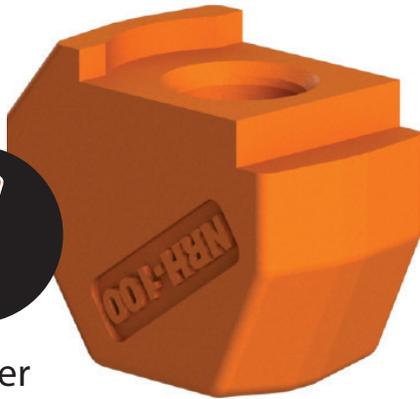


Pengo is excited to introduce the TriDent series of holders and teeth. The patented TriDent® holders are designed to work with three different types of teeth, the Strata Conical Tooth, a Non-rotating Radial Tooth and a Non-Rotating Wedge tooth.

1, 3, 7 – It's That Easy! One holder coupled with three types of teeth provide drillers seven different soil conditions to drill in. Whether it is gravel, fracturable rock or non-fracturable the TriDent teeth provide maximum performance over standard teeth.



Holder



The most versatile teeth and holders on the market.



TEETH



drilling conditions



	1	2	3	4	5	6	7
	dirt	sand	silt	clay	gravel	fracturable rock	non-fracturable rock
1	dirt; peat, organic silts, very loose sand, very soft, swamp, marsh						soil abrasion: low
2	sand; loose, fine sand; loess and medium clay, flood plain soils, lake clay						soil abrasion: med
3	silt; coarse sand to stiff clay, dense hydraulic fill, compacted fill, residual soils						soil abrasion: high
4	clay; stiff to very stiff clay, glacial till, hard-pan, marls						soil abrasion: low to med.
5	gravel; basalt, very hard silts and clay, weathered laminated rock						soil abrasion: high
6	fracturable rock; caliche, coarse gravel and cobbles; frozen soil						soil abrasion: high
7	non-fracturable rock; granite, basalt, massive limestone						soil abrasion: high

# INTRODUCING TRIDENT™

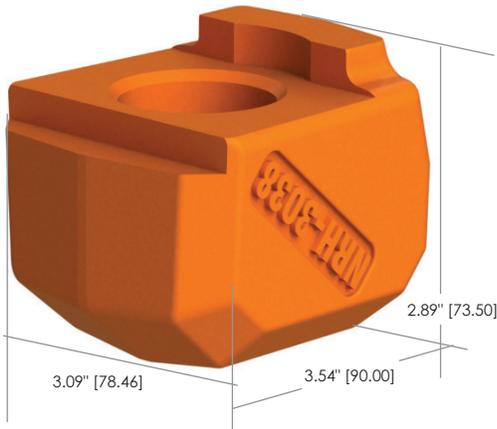
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## THREE TEETH. ONE HOLDER.

Non-Rotating [NR] Radial Tooth | Non-Rotating Wedge Tooth [NRW] | Strata® [SR] Rotating Conical Tooth

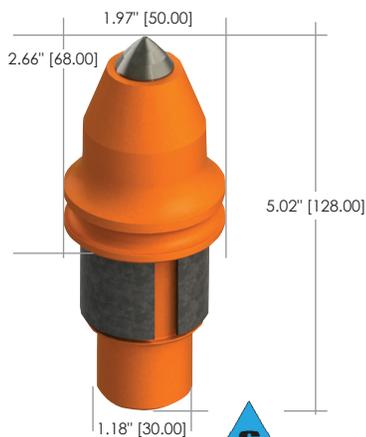
### 122 Series Teeth and Holder 1.18" Step Shank

PATENT NO. D778,967



ITEM	SHANK DIA	BOX QTY	BOX WEIGHT	PART NO.
NRH-3038 TRIDENT HOLDER	1.16"	6	29.16	990086
NR-122 TOOTH	1.16"	15	36.9	990089
SR-122 TOOTH	1.16"	10	26	850034
NRW-122 TOOTH	1.16"	6	27	990096

NRH-3038  
Trident Holder  
for 1.16" Step Shank  
Trident Series Teeth  
990086



SR-122  
STRATA Conical  
Tooth  
850034

**STRATA**  
DRILLING GRADE CARBIDE



NR-122  
Non-Rotating  
Tooth  
990089



NRW-122  
Non-Rotating  
Wedge Tooth  
990096





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The most versatile teeth and holders on the market.



Holder



TEETH



drilling conditions



<b>1</b>	dirt; peat, organic silts, very loose sand, very soft, swamp, marsh	soil abrasion: low
<b>2</b>	sand; loose, fine sand; loess and medium clay, flood plain soils, lake clay	soil abrasion: med
<b>3</b>	silt; coarse sand to stiff clay, dense hydraulic fill, compacted fill, residual soils	soil abrasion: high
<b>4</b>	clay; stiff to very stiff clay, glacial till, hard-pan, marls	soil abrasion: low to med.
<b>5</b>	gravel; basalt, very hard silts and clay, weathered laminated rock	soil abrasion: high
<b>6</b>	fracturable rock; caliche, coarse gravel and cobbles; frozen soil	soil abrasion: high
<b>7</b>	non-fracturable rock; granite, basalt, massive limestone	soil abrasion: high