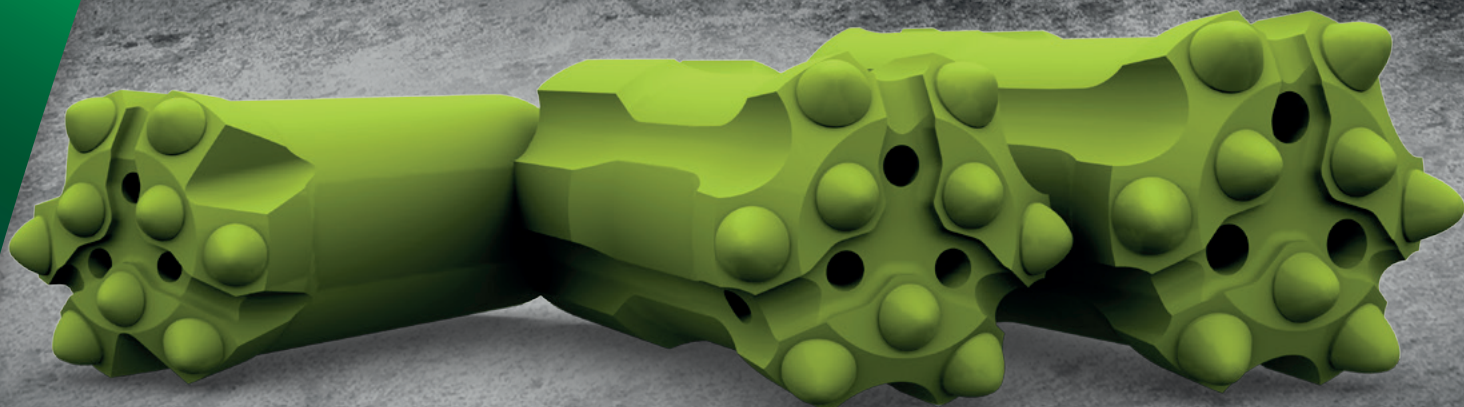


**P&V**



**Padley & Venables**



# P&V'S BRAND NEW NINJA BUTTON BIT!



**NINJA**  
**BUTTON BITS**  
by Padley & Venables

THE PERFECT ALL ROUND BIT, SUITABLE FOR  
MOST HARD ROCK, TOP HAMMER DRILLING  
APPLICATIONS AND IS AVAILABLE IN BIT  
SIZES RANGING FROM 48 TO 64MM.

**ROCK DRILLING**  
TOOLS

**DEMOLITION**  
TOOLS

**CONTRACTORS'**  
TOOLS

**P&V**



**Padley & Venables**

**PERFECT TOOLS...**  
FOR THE **TOUGHEST JOBS**

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tel: +44 (0) 1246 299 100

[www.padley-venables.com](http://www.padley-venables.com)

Manufacturers of quality tools for use in the Rock Drilling, Quarrying, Mining, Tunnelling, Construction and Civil Engineering Industries. **Worldwide.**

P&V operate a quality management system certified to ISO 9001:2008 standard.

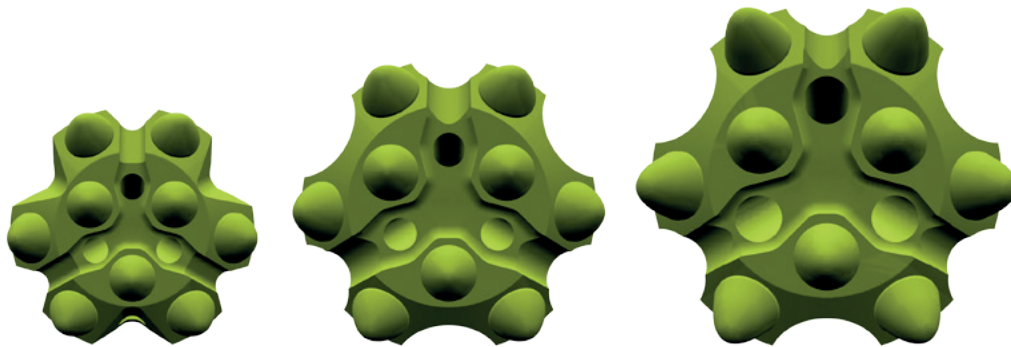
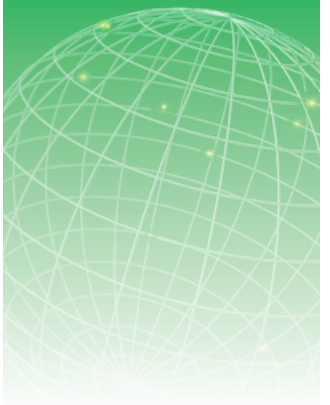


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**NINJA BIT SPECIFICATION AND CATALOGUE NUMBERS**

DIA (D) MM	GAUGE CARBIDES	FACE CARBIDES	FACE FLUSHING	SIDE FLUSHING	GAUGE ANGLE	P38 CAT. NUMBER
48	6 x 12mm	3 x 11mm	3 x 8mm	0	30	4788-3064
56	8 x 12mm	5 x 11mm	4 x 8mm	0	35	4788-3076
64	8 x 13mm	5 x 12mm	4 x 9mm	0	35	4788-3089

# P&V'S BRAND NEW NINJA BUTTON BIT!

**P&V ANNOUNCE THE NINJA BIT RANGE**

**P&Vs all new Ninja button bit is the perfect all round bit suitable for most hard rock, top hammer drilling applications and is available in bit sizes ranging from 48 to 64mm.**

The distinct angled face grooves and deeper lateral flushing flutes aid rock removal from the bit face which increases drilling speed.

The open face design of the bit allows rock to fall into the void between the three face tips before being crushed which adds directional stability and helps to create a straighter hole. This in turn reduces bending stresses on the rods, shanks and couplings thus reducing breakages and reducing overall drill steel consumption. The straighter holes also reduce the need for costly secondary drilling and blasting which is often the case with deviating holes.