



## NGN Tooling & Grinding Services Pty Ltd

P.O. BOX 155, WINCHELSEA, VIC 3241

Phone: 0412 972 723 Email: ngntooling@bigpond.com website: www.ngntooling.com.au

PRODUCT	SIZE	USAGE
CBN – NGN1002A	3/8" (9.53mm)	Cast iron – straight
CBN - NGN1002B	½" (12.7mm)	
CBN - NGN1002AC	3/8" (9.53mm)	
CBN – NGN1006A	3/8" (9.53mm)	Cast iron - pre comp, Hard stuff
CBN – NGN1006B	½" (12.7mm)	
CBN – NGN1009A	3/8" (9.53mm)	Diesel, Aluminium - pre comp
CBN – NGN1009B	½" (12.7mm)	
PCD – NGN005A	3/8" (9.53mm)	Aluminium – straight
PCD - NGN005B	½" (12.7mm)	
CARBIDE – NGNCARC	3/8" (9.53mm)	Roughing
<b>HOLDERS</b>		
NGN01	Round style	These holders suit CBN/PCD/Round Carbide Buttons. Enquire for sizes.
NGN02	Rectangular style	
NGN03	Rectangular style <i>Berco</i>	
NGN04	Rectangular style	

<b>RVR's</b>
Large .370"
Small .250"
<b>CLAMP</b>
<b>REPCO B4</b>
<b>DOGLEG CUTTER</b> 12mm x 50mm

<b>BORING TIPS/PIN BORERS/TOPPING TOOL</b>
<b>Solid Carbide</b>
12mm x 50mm
10mm x 50mm
8mm x 50mm
<i>Other sizes available on request</i>

<b><u>TCMW INSERTS (TO SUIT NEWEN)</u></b>		
<b>TCMW6</b>	6mm	CBN Tipped one edge.
<b>TCMW8</b>	8mm	
<b>TCMW11</b>	11mm	
<b>TCMW SCREWS (SMALL OR LARGE)</b>		
<b><u>TIPS (TO SUIT SERDI)</u></b>	Multiple number of different cutters to suit valve seats ranging from motorbike, cars to diesel engines etc. <b>Enquire for full range</b>	
<b>FULL WIDTH CUTTING TIPS TIN COATED</b>		
<b>SINGLE ANGLE TIPS TIN COATED</b>		
<b>MULTI ANGLE CUTTING TIPS TIN COATED</b>		
<b>SCREWS FOR SERDI</b>		
<b>K-LINE REAMERS</b>	New reamers – 6 flute solid carbide up to 9.96mm coated. Can also re-sharpen.	
<b>VALVE GUIDE REAMERS</b>	New reamers – 6 flute solid carbide up to 9.96mm coated. Can also re-sharpen.	
<b>CARBIDE PILOTS TO SUIT SERDI</b>	Standard overall length 210mm up to 9.96mm diameter.	
<b>CARBIDE PILOTS WITH TANG TO SUIT NEWEN</b>		
<b>CARBIDE PILOT TO SUIT ROTTLE</b>		
<b>CARBIDE PILOT TO SUIT SUNNEN</b>		
<b>UNIVERSAL TAPERED PILOT</b>		
<b>O RING CUTTER</b>	To cut o ring grooves.	
<b>BLADES FOR O RING</b>	Blades made to required size.	
<b>SUNNEN VGS20 COMPLETE CONVERSION KIT</b>	2 x tool holders, 4 x insert holder assemblies, setting fixture, 2 x springs, spring bushings, 2 x spanners, pilot remover tool, cutter body wrench.	

- Larger diameter and lengths are possible, as we manufacture these on site at NGN.

***Tips (To suit Serdi Machines)***

Seat Angle	Seat Width	Top Angle	Top Width	Throat Angle	Style	Part No.
45	1.5	25	1.4	60	A1	552
45	1.0	30	1.2	60	A1	612
45	1.0	30	1.8	60	A1	634
45	1.5	30	1.8	60	A1	772
45	2.0	25	1.4	60	A1	1588
45	2.5	25	1.4	60	A1	1615
30	1.0	15	1.4	60	A1	1126
30	2.0	15	1.4	60	A1	1165
30	2.5	15	1.4	60	A1	1168
30	3.0	15	1.4	60	A1	1179
30	1.5	20	1.0	60	A1	17140

***Inserts (To suit Serdi Machines - Inserting & Single Angle Tips)***

Angle	Width	Style	Part No.
90	FULL 12mm	5167	L11C
90	FULL 15mm	5164	L12C
20	6.0	A1S	590
30	6.0	A1S	593
45	6.0	A1S	597
50	12.0	A1S	500
60	8.0	A1S	862

- Made to order, boring tips, Holders, Reamers, CBN tipped inserts & many other special cutting tools.