

PCD & PCBN TOOLS

FOR MACHINING

ALUMINIUM, BRASS GRAPHITE, FIBER CARBON,
EPOXY, KEVLAR, COMPOSITE MATERIAL,
PLASTIC, WOOD ETC.



UNIVERSAL Tools Inc.

Innovative Cutting Tools & Concepts

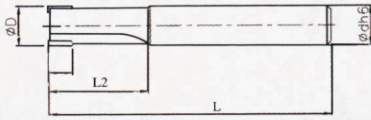
F - 2 BLOCK, SHD 8 MIDC, PIMPRI, PUNE - 411 018. (INDIA)

TEL : (+91) - 020- 46765150 / 51 / 52, Fax :- 020 46780213 Cell : 9970396322.

E-mail : info@universaltoolindia.net

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UNIVERSAL PCD Reamer



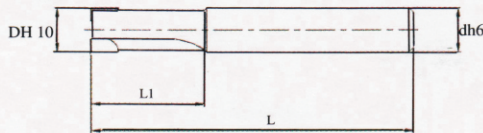
GEOMETRY- 2 fluted Reamer for thro hole

ORDER NO	Dh7	d6	L2	L
100-0060	6	6	30	75
100-0080	8	8	30	80
100-0100	10	10	30	80
100-0120	12	12	40	100
100-0140	14	12	40	100
100-0160	16	16	40	100
100-0180	18	16	40	100
100-0200	20	20	50	130
100-0220	22	20	50	180
100-0240	24	20	50	150
100-0250	25	20	50	150

Also offered on request

- No of teeth 3/4 or more.
- Reamers for blind hole.
- Reamers with internal thro coolant .
- Intermediate sizes & extra long lengths.

UNIVERSAL PCD End mills



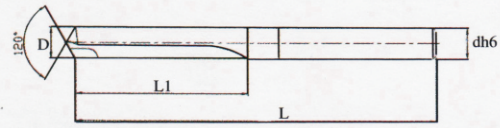
GEOMETRY- 2 fluted

ORDER NO	dh6	L1	L
102-0080	8	8	60
102-0100	10	10	60
102-0120	12	12	60
102-0140	14	14	60
102-0160	16	16	80
102-0180	18	18	80
102-0200	20	20	80
102-0250	25	25	100
102-0320	32	32	100

Also Offered on Request

- No of teeth 3/4 or more.
- Center cutting.
- End mills with internal thro coolant .
- Intermediate sizes & extra long length.
- Longer cutting edge length.

UNIVERSAL PCD Drills



GEOMETRY- 2 fluted reamer for thro hole

ORDER NO	d1	d2	L1	L
101-0040	4.00	6.0	24	66
101-0042	4.20	6.0	24	66
101-0050	5.00	6.0	28	66
101-0060	6.00	6.0	28	66
101-0068	6.80	8.0	34	79
101-0070	7.00	8.0	34	79
101-0080	8.00	8.0	41	79
101-0085	8.50	10.0	47	89
101-0090	9.00	10.0	47	89
101-0100	10.00	10.0	47	89
101-0102	10.20	12.0	55	102
101-0105	10.50	12.0	55	102
101-0110	11.00	12.0	55	102
101-0120	12.00	12.0	55	102
101-0140	14.00	14.0	60	107
101-0160	16.00	16.0	65	115
101-0180	18.00	18.0	73	123
101-0200	20.00	20.0	79	131

Also offered on request

- No of teeth 3/4 or more.
- Step Drills.
- Drill with internal thro coolant .
- Intermediate sizes & extra long lengths.
- Drill cum counter sink/counter bores.

OTHER PCD TOOLS

- REAMERS,
- STEP REAMERS,
- COMBINATION TOOL (SPL & STD),
- INSERTS,
- PROFILE CUTTERS,
- END MILLS,
- SLOT DRILLS,
- BALL NOSE END MILL,
- CORNER RADIUS END MILL,
- ROUTERS,
- WOOD TOOLS,
- SCORING CUTTERS,
- SPECIAL TOOLS. WEAR PARTS,
- WEAR PART SUPPORT,
- TREPPANING CUTTER,
- FACE MILLING CUTTER,
- BORING TOOL
- GROOVING TOOLS
- "V" NOTCH CUTTERS,
- SAWS PISTON
- GROOVING TOOLS,
- CIRCLIP TOOLS,
- COMBINATION CUTTERS,
- GROOVING CUTTERS,
- CATRIDGE
- SHELL ENDMILL
- THREAD MILL
- THREAD INSERTS
- PORT TOOLS
- CAVITY TOOLS
- COUNTER SINK CUTTER WITH / W/O PILOT

- **FOR MACHINING ALUMINIUM, BRASS GRAPHITE, FIBER CARBON, EPOXY, KEVLAR, COMPOSITE MATERIAL, PLASTIC WOOD ETC.**

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