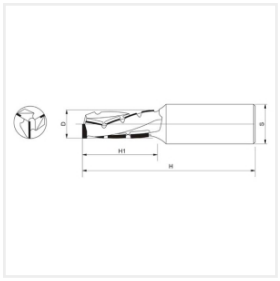
DI050 Router bits DIA DUO TOP 3 eco









Features - benefits

- two full PCD edges (arranged in 3 flutes - does not concern D=12mm)
- PCD tip height 2,7mm
- enables: 3 - 5 sharpenings
- oblique position top/bottom guarantees the best quality of the cut surface if optimal feed rate from 5 up to 12m/min choosen
- the use of two full edges PCD enables to increase the efficiency by over 150% in relation to standard straight router bits

Application

- for hard materials processing eg. chipboards, MDF, HDF, hard domestic and exotic wood
- cutting edge shape guarantees the best results in homogenous and veneered (permanently bound) materials
- adjusted for mechanical feed
- drilling in material and further processing possible
- contour milling

Catalogue	Index	∅ D [mm] Working diameter	H1 [mm] Working length	S [mm] Shank diameter	H [mm] Total length	PCD PCD tips number	Z Edge number	H PCD [mm] Knife height PCD	U.m.
o	DI050-1212-0001	12	27	12	78	5+1	2+1	2,7	szt.
o	DI050-1212-0002	12	34	12	95	7+1	2+1	2,7	szt.
o	DI050-1620-0001	16	26	20	80	7+1	2+1	2,7	szt.
o	DI050-1616-0001	16	26	16	80	7+1	2+1	2,7	szt.
o	DI050-1616-0002	16	43	16	100	12+1	2+1	2,7	szt.
o	DI050-1616-0003	16	34	16	95	9+1	2+1	2,7	szt.
o	DI050-1620-0002	16	34	20	95	9+1	2+1	2,7	szt.
o	DI050-1820-0001	18	26	20	80	7+1	2+1	2,7	szt.
o	DI050-1820-0002	18	34	20	95	9+1	2+1	2,7	szt.
o	DI050-1820-0003	18	45	20	105	12+1	2+1	2,7	szt.
o	DI050-2020-0001	20	26	20	95	7+1	2+1	2,7	szt.
o	DI050-2020-0002	20	34	20	100	9+1	2+1	2,7	szt.
o	DI050-2020-0003	20	45	20	115	12+1	2+1	2,7	szt.
o	DI050-2020-0004	20	56	20	120	15+1	2+1	2,7	szt.

Legend:
edge number = no of PCD lines + drilling tip HM

Optimal feed rate depends on individual machine working parameters: type of cut material, rotary speed, processing type (hobbing or cutting off)

Router bits with:
- PCD tip=4mm in group DUO TOP 3 DI060 - with diameter from 20-25mm, 8-10 sharpenings
- with upper chip removal
- grip 25mm and HM body increase the resistance to breaking and the life time

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