



- high technology woodworking tools -

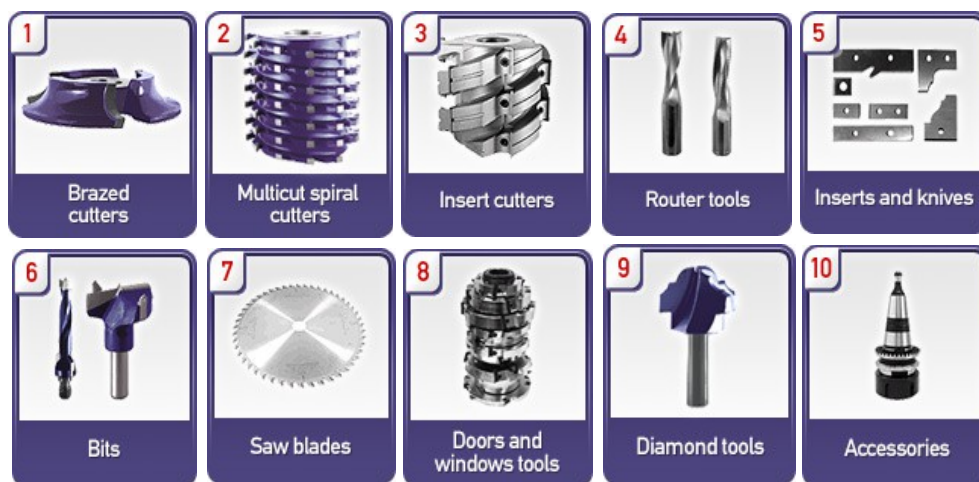
CATALOGUE SELECTION 14

The catalogue contains a selection of our mostly produced tools

Stock availability subject to prior sale

Please visit our website for the complete range of
our tools production on:

www.g3fantacci.com



- SPECIAL TOOLS BY REQUEST -

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LEGEND

SPECIFICATIONS

a	inclination	P	pitch in mm
A	depth in mm	Pr max	maximum depth in mm
Att.	shank in mm	R	radius
B	cutting height in mm	Reg.	regulation
CM	morse – cone	Ri	spurs
D	diameter in mm	Ref.	reference
d	bore in mm	RH	right
H	height in mm	Rot	rotation sense
K	thickness keyway	S	thickness of wood in mm
L	length in mm	Sg45°	number of 45° chamfer
LH	left	T	diameter groove
LTT	total length in mm	V	depth groove
MAN	manual advancing	W	depth keyway
MEC	mechanic advancing	Z	number of cutting edges – wings

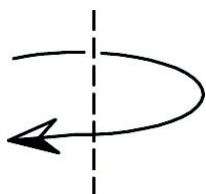
MATERIALS

DP	DIA poly-cristalline diamond
Hc	TCT brazed tungsten carbide
HS	HSS high speed steel cobalt
HW	TCT integral tungsten carbide



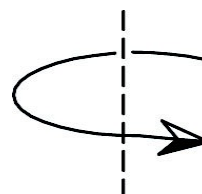
tool made by customer's design

CLOCKWISE ROTATION - LEFT

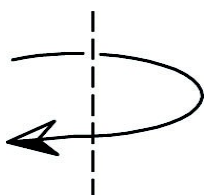


cutters
brazed cutters
saw blades
tools with bore

ANTICLOCKWISE ROTATION - RIGHT

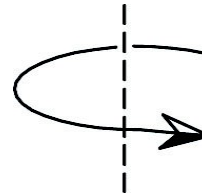


CLOCKWISE ROTATION - RIGHT



router bits
tools with shaft

ANTICLOCKWISE ROTATION - LEFT



POSITIVE HELIX
RIGHT ROTATION

NEGATIVE HELIX
RIGHT ROTATION

POSITIVE HELIX
LEFT ROTATION

NEGATIVE HELIX
LEFT ROTATION

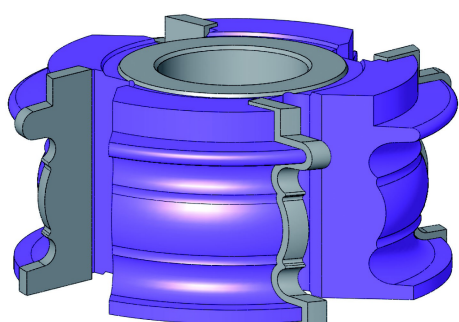
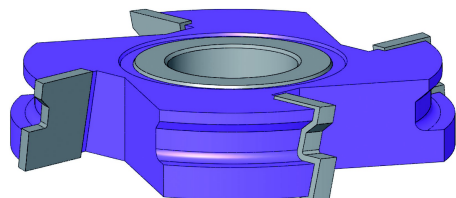
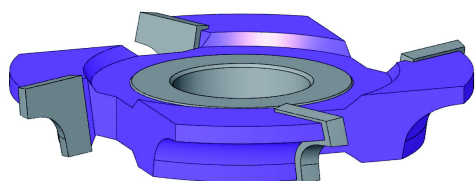
• **POSITIVE HELIX:**
Expulsion of the chip upward, excellent finishing on lower side of panel.
Also suitable for blind buttonhole execution

• **NEGATIVE HELIX:**
Expulsion of the chip downward, excellent finishing on upper side of panel.

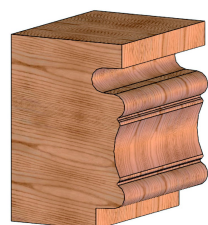
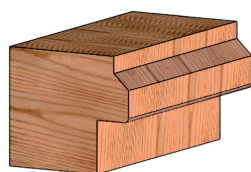
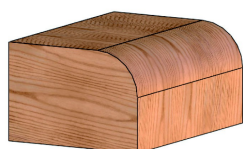


PROFIED BRAZED CUTTERHEADS

ART.0005



WOOD PROFILES EXAMPLES



TECHNICAL SPECIFICATIONS

Hc (brazed tungsten carbide) or HS (HSS) profiled cutters.

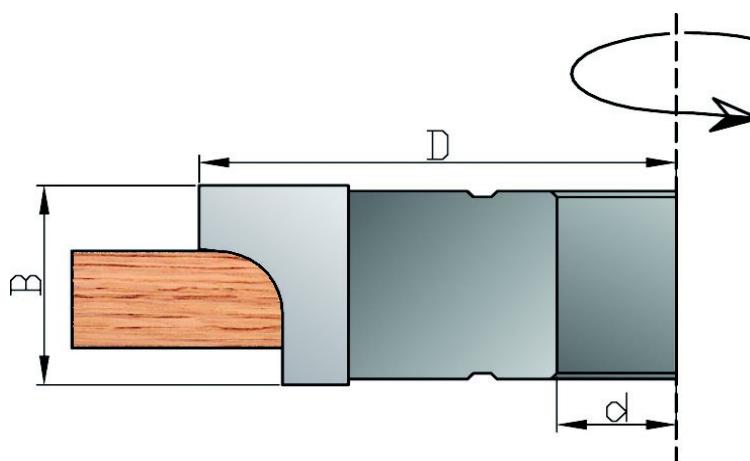
- Hc (brazed tungsten carbide) for abrasive, hard, soft and glued woods.
- HS (HSS) for all not-glued soft and hard woods.

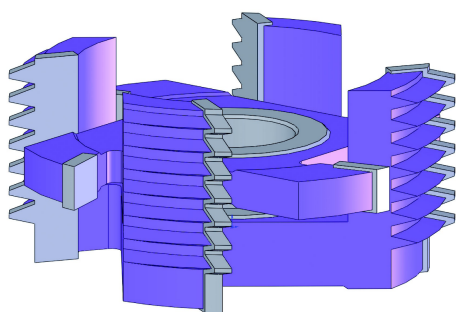
APPLICATION

MOULDER, SPINDLE MOULDER, SHAPER.

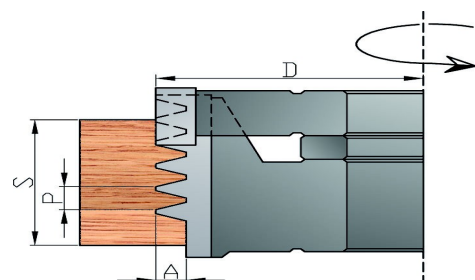
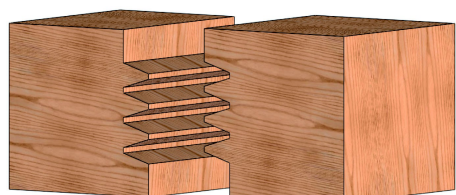
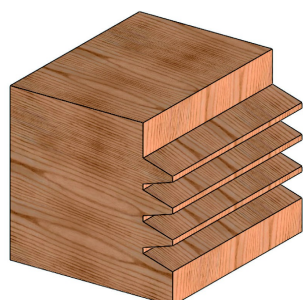
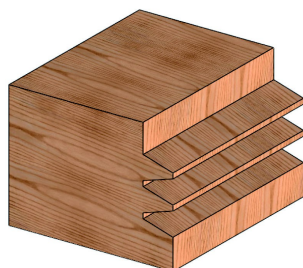
Z=4 / Hc - HS										
D ▶	60	80	100	120	140	160	180	200	250	300
B ▼	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.
15	001	002	003	004	005	006	007	008	009	010
20	011	012	013	014	015	016	017	018	019	020
25	021	022	023	024	025	026	027	028	029	030
30	031	032	033	034	035	036	037	038	039	040
35	041	042	043	044	045	046	047	048	049	050
40	051	052	053	054	055	056	057	058	059	060
45	061	062	063	064	065	066	067	068	069	070
50	071	072	073	074	075	076	077	078	079	080
60	081	082	083	084	085	086	087	088	089	090
70	091	092	093	094	095	096	097	098	099	100
80	101	102	103	104	105	106	107	108	109	110
90	111	112	113	114	115	116	117	118	119	120
100	121	122	123	124	125	126	127	128	129	130

- FOR Z=2 EXECUTION: 20% DISCOUNT
- FOR Z=2+2 Ri EXECUTION: 6% DISCOUNT
- FOR Z=3 EXECUTION: 10% DISCOUNT
- FOR Z=3+3 Ri EXECUTION: 3% PRICE INCREASE
- FOR Z=4+2 Ri EXECUTION: 15% PRICE INCREASE
- FOR Z=6 EXECUTION: 20% PRICE INCREASE
- FOR Z=6+3 Ri EXECUTION: 30% PRICE INCREASE
- WITH CUT LIMITING DEVICE EXECUTION: 15% PRICE INCREASE
- SPECIFY Hc OR HS EXECUTION WHEN ORDERING
- SPECIFY ROTATION SENSE WHEN ORDERING





WOOD PROFILES EXAMPLES



TECHNICAL SPECIFICATIONS

The two cutters are adjustable by distance rings included. For joint depth: 8 mm.

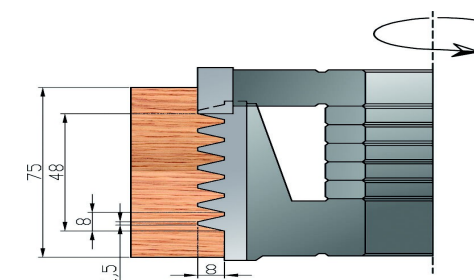
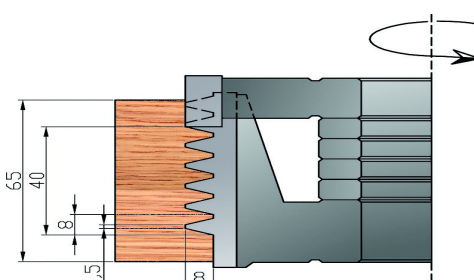
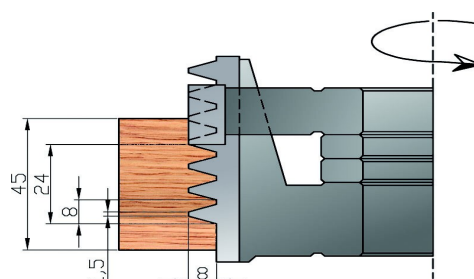
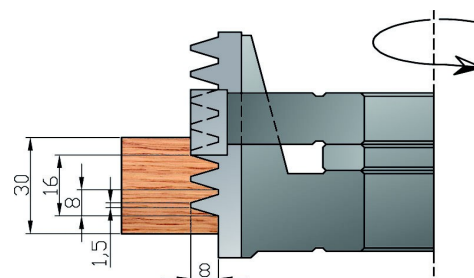
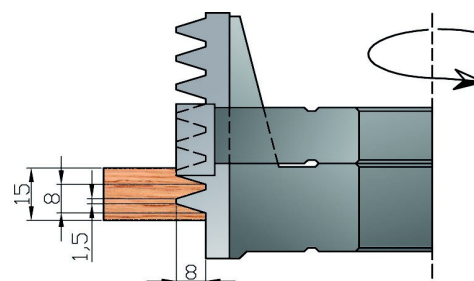
Hc (brazed tungsten carbide) execution for abrasive, hard, soft and glued woods, MDF and plywood.

APPLICATION

MOULDER, SPINDLE MOULDER

Z=4/4 Hc				
Cod.	D	S	A	P
001	140	15/75	8	8

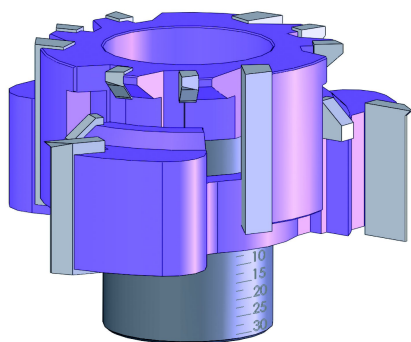
• SPECIFY BORE DIMENSION WHEN ORDERING





CUTTER SET FOR SINGLE TENONING MACHINE

ART.0080



TECHNICAL SPECIFICATIONS

Set of cutters, composed of 1 hogger $Z=3 + 3 Sg45^\circ$ and 1 cutter $Z=3 + 6 Ri$, permitting a tenon adjustment from 10 to 35 mm by regulation screw.

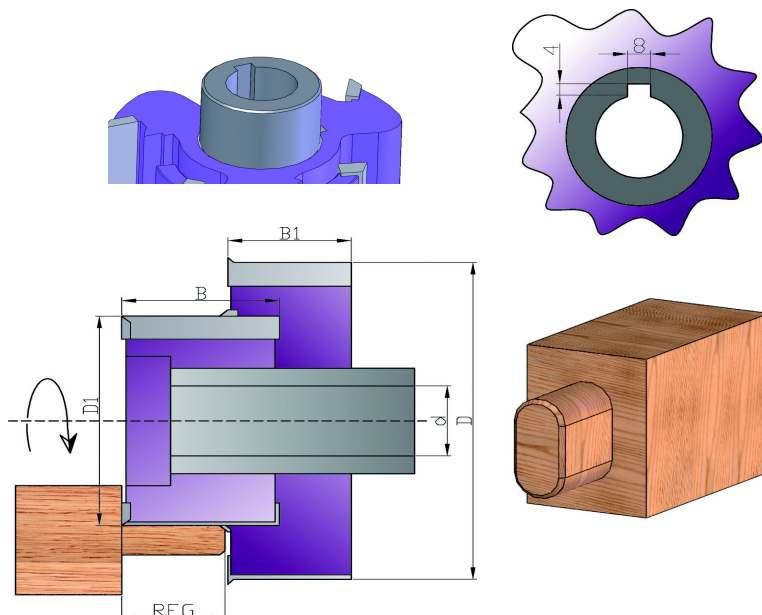
To equip double tenoning machines BACCI, GREDA, PADE and BALESTRINI.

APPLICATION

DOUBLE TENONING MACHINE

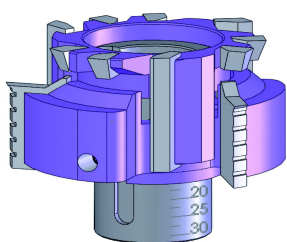
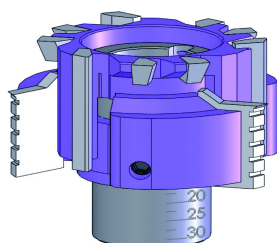
Cod.	D/D1	B/B1	Ri	Sg45°	Reg.	d
001	130/90	56/40	6	3	10-55	30

• SPECIFY THE MACHINE BRAND WHEN ORDERING



CUTTER SET FOR DOUBLE TENONING MACHINE

ART.0085



TECHNICAL SPECIFICATIONS

Set of cutters, composed of 1 hogger $Z=3 + 3 Sg45^\circ$ and 1 cutter $Z=3 + 6 Ri$, permitting a tenon adjustment from 10 to 35 mm by regular screw.

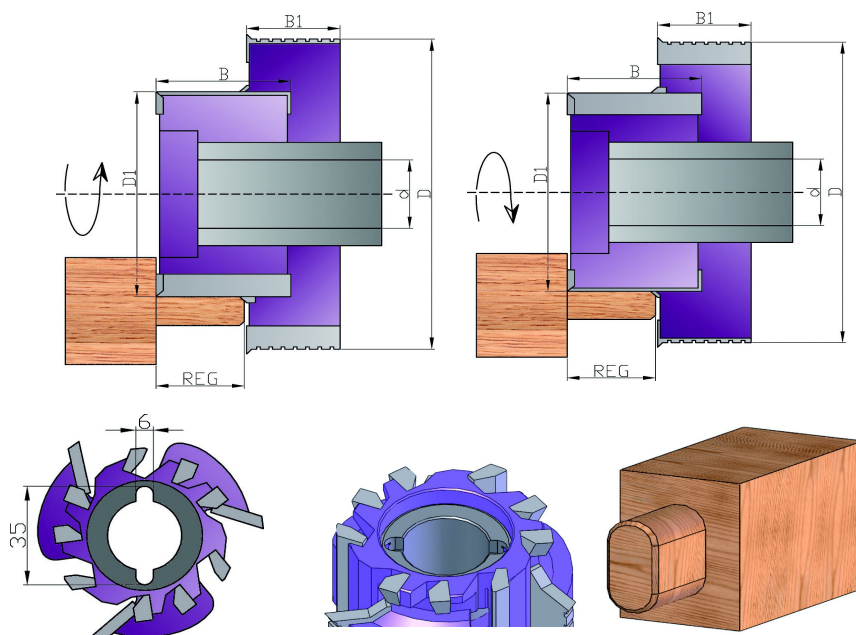
To equip double tenoning machines BACCI, GREDA, PADE and BALESTRINI.

APPLICATION

DOUBLE TENONING MACHINE

Cod.	D/D1	B/B1	Ri	Sg45°	Reg.	d	Rot.
001	80/60	35/30	6	3	10-35	25	RH
002	80/60	35/30	6	3	10-35	25	LH
003	100/70	45/30	6	3	10-42	25	RH
004	100/70	45/30	6	3	10-42	25	LH

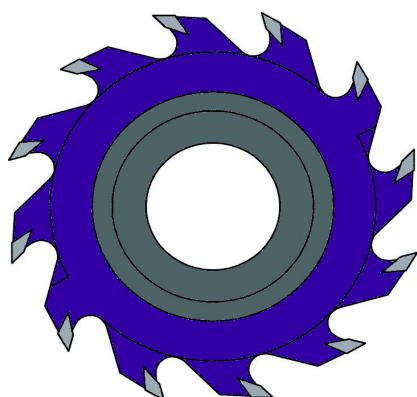
• SPECIFY THE MACHINE BRAND WHEN ORDERING





MULTICUT SPIRAL CUTTERS FOR PLANING Z=12

ART.0105



Z=12 / Hc				
Cod.	D	B	d	Z
001	100	120	30-32-35-40-50	12
002	100	180	30-32-35-40-50	12
003	125	80	30-32-35-40-50	12
101	125	100	30-32-35-40-50	12
005	125	120	30-32-35-40-50	12
102	125	130	30-32-35-40-50	12
007	125	150	30-32-35-40-50	12
103	125	160	30-32-35-40-50	12
009	125	180	30-32-35-40-50	12
104	125	190	30-32-35-40-50	12
105	125	200	30-32-35-40-50	12
106	125	210	30-32-35-40-50	12
011	125	230	30-32-35-40-50	12
107	125	240	30-32-35-40-50	12
108	125	250	30-32-35-40-50	12
109	125	260	30-32-35-40-50	12
110	140	80	30-32-35-40-50	12
111	140	100	30-32-35-40-50	12
012	140	120	30-32-35-40-50	12
112	140	130	30-32-35-40-50	12
013	140	150	30-32-35-40-50	12
113	140	160	30-32-35-40-50	12
014	140	180	30-32-35-40-50	12
114	140	190	30-32-35-40-50	12
115	140	200	30-32-35-40-50	12
116	140	210	30-32-35-40-50	12
015	140	230	30-32-35-40-50	12
117	140	240	30-32-35-40-50	12
118	140	250	30-32-35-40-50	12
119	140	260	30-32-35-40-50	12

- SPECIFY REQUIREMENT OF RECESSES OR KEYWAYS WHEN ORDERING
- WITH CUT LIMITING DEVICE EXECUTION: 10% PRICE INCREASE
- EXECUTION STANDARD VERSION "NO EXTRALIGHT" BY REQUEST

SPECIAL SIZES BY REQUEST

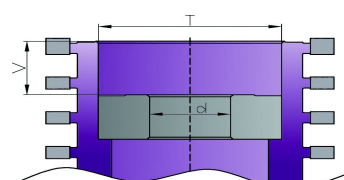
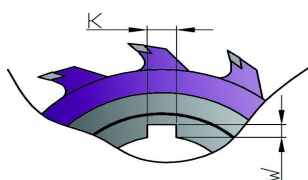
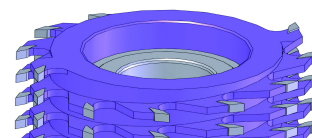
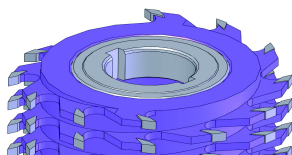
TECHNICAL SPECIFICATIONS

Cutters with 12 fractioned cutting wings in Hc (brazed tungsten carbide), positioned on a spiral design, with 2 starting helices. The cutters permit high feed speed and great wood removal with good surface finishing. The light structure of the tool (steel body lightened until 50%) allows a remarkable reduction of the machine stress. Suitable for soft and hard wood and glued panels.

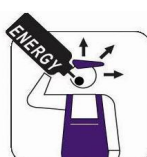
APPLICATION

MOULDER

SPINDLE MOULDER: only with cut limiting device.



NOISE



ENERGY



ADVANCING SPEED



FRACTIONATION OF THE CHIP

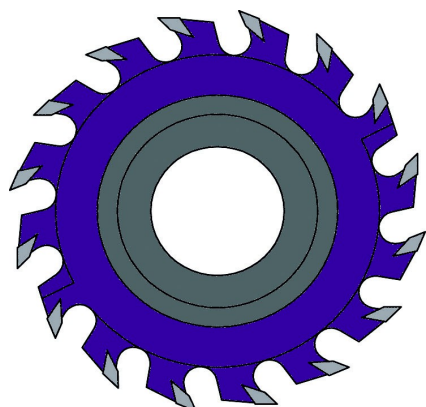


MAINTENANCE



MULTICUT SPIRAL CUTTERS FOR PLANING Z=16

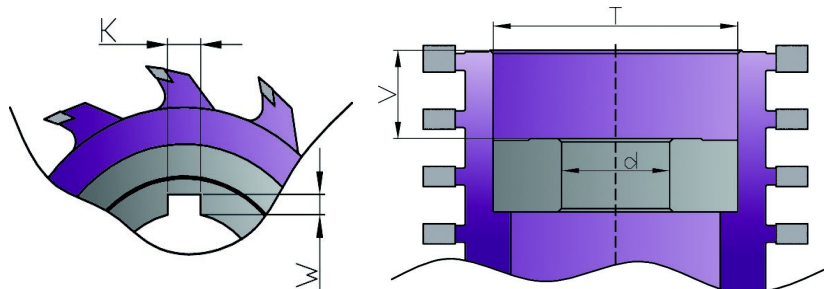
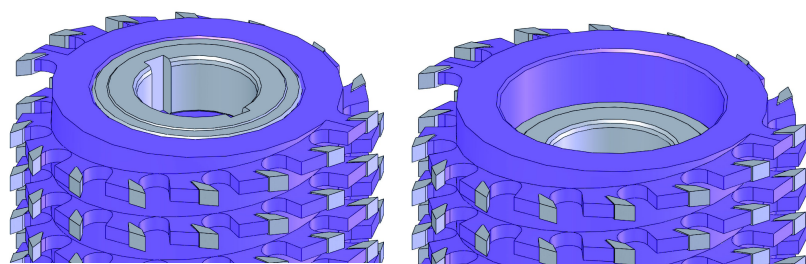
ART.0106



Z=16 / Hc				
Cod.	D	B	d	Z
001	125	80	30-32-35-40-50	16
002	125	100	30-32-35-40-50	16
003	125	120	30-32-35-40-50	16
004	125	130	30-32-35-40-50	16
005	125	150	30-32-35-40-50	16
006	125	160	30-32-35-40-50	16
007	125	180	30-32-35-40-50	16
008	125	200	30-32-35-40-50	16
009	125	230	30-32-35-40-50	16
010	140	120	30-32-35-40-50	16
011	140	150	30-32-35-40-50	16
012	140	180	30-32-35-40-50	16
013	140	230	30-32-35-40-50	16

- SPECIFY REQUIREMENT OF RECESSES OR KEYWAYS WHEN ORDERING
- EXECUTION STANDARD VERSION "NO EXTRALIGHT" BY REQUEST

SPECIAL SIZES BY REQUEST



TECHNICAL SPECIFICATIONS

Cutters with n.16 fractioned cutting wings in Hc (brazed tungsten carbide), positioned on a spiral design, with two starting helices. The cutter permits very high feed speed and great wood removal with good surface finishing on wet wood.

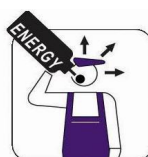
The light structure of the tool (steel body lightened until 50%) allows a remarkable reduction of the machine stress, preserving mechanical parts in movement. Suitable for soft, hard and wet wood and glued panels.

APPLICATION

MOULDER



NOISE



ENERGY



ADVANCING SPEED



FRACTIONATION OF THE CHIP

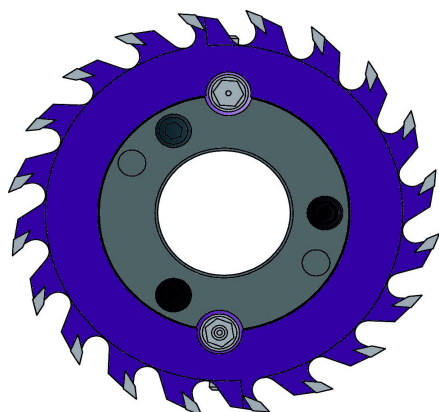
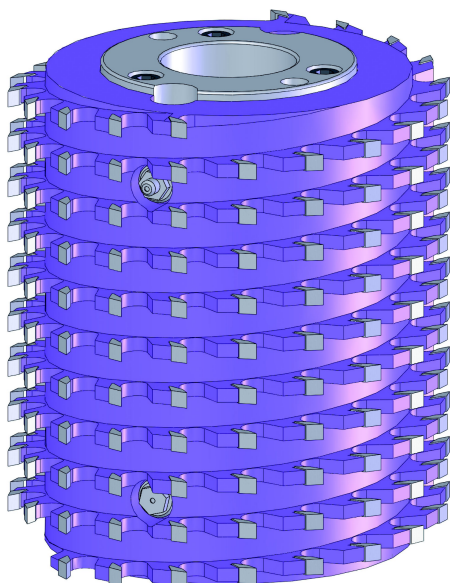


MAINTENANCE



HYDRO SYSTEM – MULTICUT SPIRAL CUTTERS FOR PLANING

ART.0122



Z=12 / Hc				
Cod.	D	B	d	Z
001	125	80	40	12
002	125	120	40	12
003	125	160	40	12
004	125	180	40	12
005	125	230	40	12
006	125	260	40	12

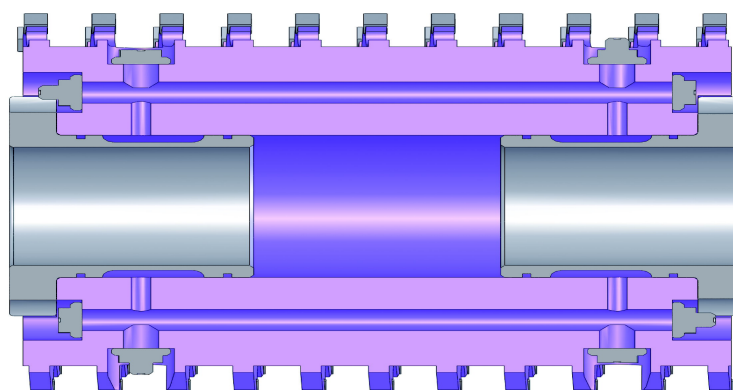
Z=16 / Hc				
Cod.	D	B	d	Z
007	140	80	40-50	16
008	140	120	40-50	16
009	140	160	40-50	16
010	140	180	40-50	16
011	140	230	40-50	16
012	140	260	40-50	16

Z=20 / Hc				
Cod.	D	B	d	Z
013	163	80	40-50	20
014	163	120	40-50	20
015	163	160	40-50	20
016	163	180	40-50	20
017	163	230	40-50	20
018	163	260	40-50	20

SPARE PARTS

Art.	Cod.	Description
1085	001	hydro grease cartridge
1085	002	hydro grease nipple with steelrubber washer
1085	003	hydro release valve with steelrubber washer
1085	004	hydro grease gun

SPECIAL SIZES BY REQUEST



TECHNICAL SPECIFICATIONS

Cutters with 12, 16 or 20 fractioned cutting wings in Hc (brazed tungsten carbide), positioned on a spiral design, with 2 starting helices. The Hydro system, thanks to the grease injected at high pressure (350 BAR) through the pump inside the expansion chambers, allows a perfect concentric locking of the tool on the spindle, avoiding any tollerance.

The Hydro cutter permits the highest feed speed and great wood removal with good surface finishing.

Suitable for soft and hard wood and glued panels.

APPLICATION

MOULDER



– NOISE



– ENERGY



+ ADVACING SPEED



+ FRACTIONATION OF THE CHIP



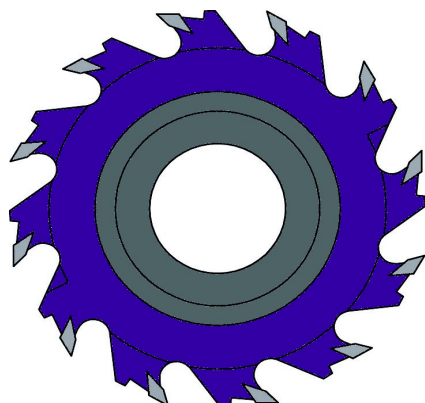
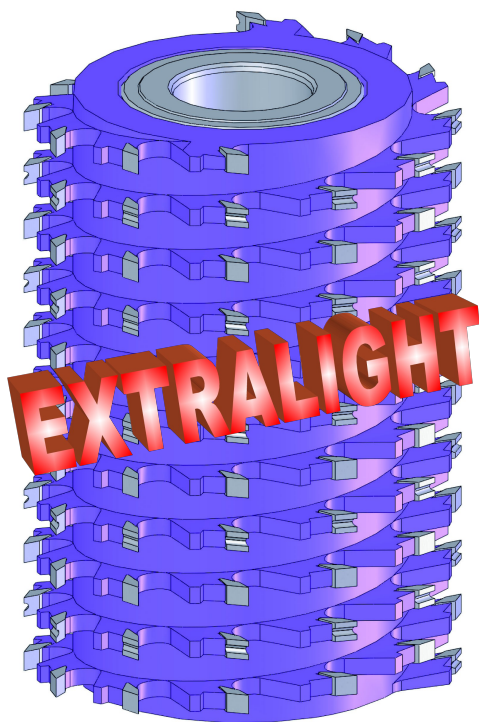
– MAINTENANCE

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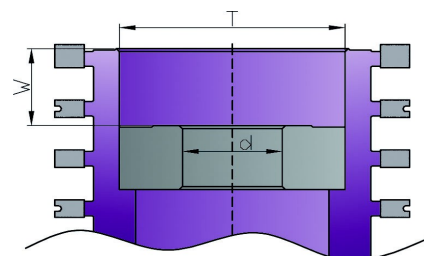
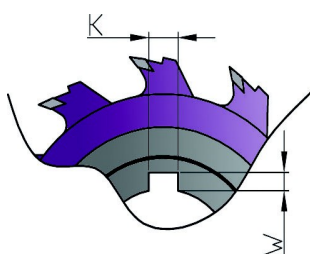
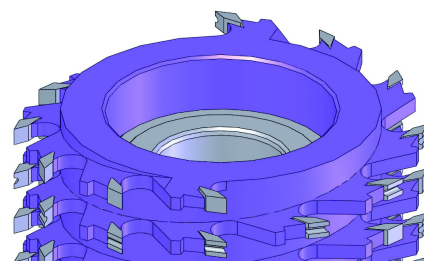
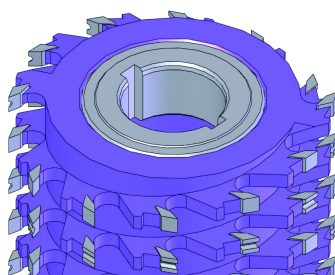
MULTICUT SPIRAL CUTTERS WITH ALTERNATED STRAIGHT AND CHIP-BREAKER TIPS AND CUT LIMITING DEVICE

ART.0245



Z=8-12 / Hc				
Cod.	D	B	d	Z
001	80	60	30-32-35	8
002	100	60	30-32-35-40-50	12
003	120	60	30-32-35-40-50	12
004	140	60	30-32-35-40-50	12
005	80	80	30-32-35	8
006	100	80	30-32-35-40-50	12
007	120	80	30-32-35-40-50	12
008	140	80	30-32-35-40-50	12
009	80	110	30-32-35	8
010	100	110	30-32-35-40-50	12
011	120	110	30-32-35-40-50	12
012	140	110	30-32-35-40-50	12
013	80	120	30-32-35	8
014	100	120	30-32-35-40-50	12
015	120	120	30-32-35-40-50	12
016	140	120	30-32-35-40-50	12
017	80	170	30-32-35	8
018	100	170	30-32-35-40-50	12
019	120	170	30-32-35-40-50	12
020	140	170	30-32-35-40-50	12
021	80	180	30-32-35	8
022	100	180	30-32-35-40-50	12
023	120	180	30-32-35-40-50	12
024	140	180	30-32-35-40-50	12

- EXECUTION CUTTERS D=80 ONLY Z=8
 - SPECIFY REQUIREMENT OF RECESSES OR KEYWAYS WHEN ORDERING
- SPECIAL SIZES BY REQUEST**



TECHNICAL SPECIFICATIONS

Cutters with 8 or 12 fractioned cutting wings in Hc (brazed tungsten carbide), with cut limiting device, positioned on a spiral design. Execution with alternated straight and chip-breaker tips placed on the 2 starting helices.

Recommended for good feed speed, medium removal, medium finishing, avoiding chippings even in against wood grain working. Suitable on soft,hard woods and glued panels. To equip automatic and manual machines.

APPLICATION

COPY-SHAPING, SPINDLE MOULDER



NOISE



ENERGY



ADVANCING SPEED



FRACTIONATION OF THE CHIP

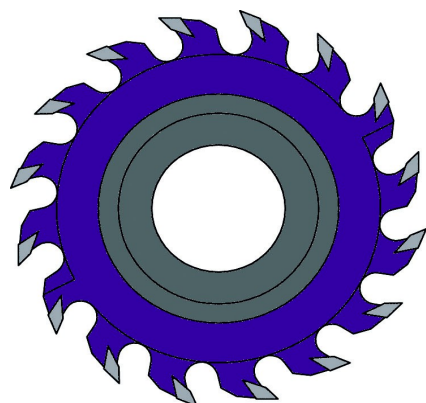
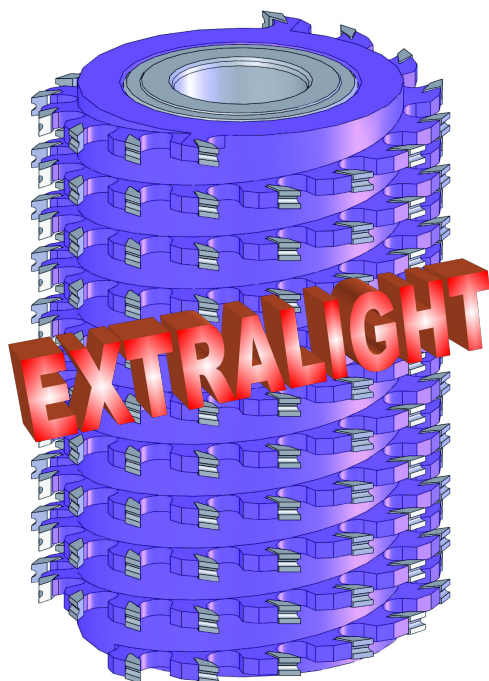


MAINTENANCE



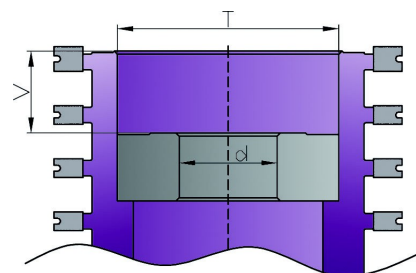
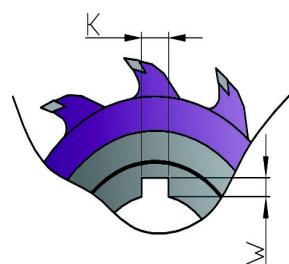
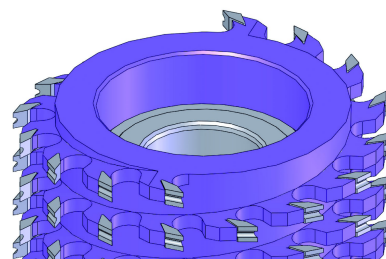
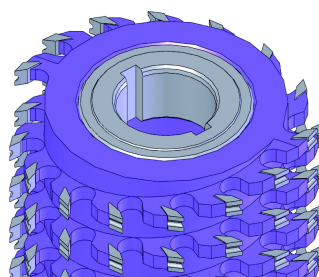
MULTICUT SPIRAL CUTTERS "GOLD" CHIP-BREAKER TIPS

ART.0251



Z=16 / Hc				
Cod.	D	B	d	Z
001	100	60	30-32-35-40-50	16
002	120	60	30-32-35-40-50	16
003	140	60	30-32-35-40-50	16
004	100	80	30-32-35-40-50	16
005	120	80	30-32-35-40-50	16
006	140	80	30-32-35-40-50	16
007	100	110	30-32-35-40-50	16
008	120	110	30-32-35-40-50	16
009	140	110	30-32-35-40-50	16
010	100	120	30-32-35-40-50	16
011	120	120	30-32-35-40-50	16
012	140	120	30-32-35-40-50	16
013	100	170	30-32-35-40-50	16
014	120	170	30-32-35-40-50	16
015	140	170	30-32-35-40-50	16
016	100	180	30-32-35-40-50	16
017	120	180	30-32-35-40-50	16
018	140	180	30-32-35-40-50	16

• SPECIFY REQUIREMENT OF RECESSES OR KEYWAYS WHEN ORDERING
SPECIAL SIZES BY REQUEST



TECHNICAL SPECIFICATIONS

Cutters with 16 fractioned cutting wings in Hc (brazed tungsten carbide), positioned on a spiral design. Execution with chip-breaker tips placed on 1 starting helix only.

These innovative cutters, thanks to the rounded body shape, and the top quality Hc (brazed tungsten carbide) grant:

- very high advancing speed (~ 40 m/min).
- longer resistance to wear (~ 30% more with respect to the standard multicut spiral cutters).
- better removal of the material.
- easier split of the chip.

Recommended for extraordinary feed speed, excellent removal, medium finishing, avoiding chippings, even in against wood grain working. Suitable on soft, hard woods and glued panels.

APPLICATION

COPY-SHAPING



NOISE



ENERGY



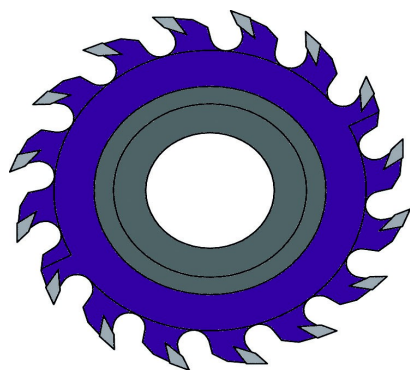
ADVACING SPEED



FRACTIONATION OF THE CHIP

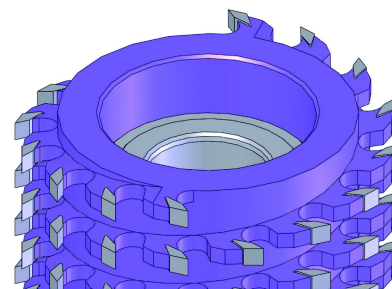
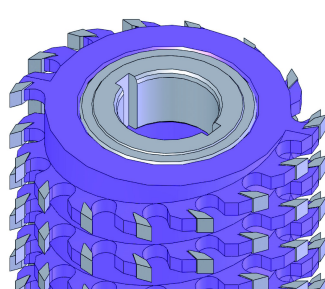


MAINTENANCE



Z=16 / Hc				
Cod.	D	B	d	Z
001	100	60	30-32-35-40-50	16
002	120	60	30-32-35-40-50	16
003	140	60	30-32-35-40-50	16
004	100	80	30-32-35-40-50	16
005	120	80	30-32-35-40-50	16
006	140	80	30-32-35-40-50	16
007	100	110	30-32-35-40-50	16
008	120	110	30-32-35-40-50	16
009	140	110	30-32-35-40-50	16
010	100	120	30-32-35-40-50	16
011	120	120	30-32-35-40-50	16
012	140	120	30-32-35-40-50	16
013	100	170	30-32-35-40-50	16
014	120	170	30-32-35-40-50	16
015	140	170	30-32-35-40-50	16
016	100	180	30-32-35-40-50	16
017	120	180	30-32-35-40-50	16
018	140	180	30-32-35-40-50	16

• SPECIFY REQUIREMENT OF RECESSES OR KEYWAYS WHEN ORDERING
SPECIAL SIZES BY REQUEST



TECHNICAL SPECIFICATIONS

Cutters with 16 fractioned cutting wings in Hc (brazed tungsten carbide), positioned on a spiral design. Execution with straight tips placed on the 2 starting helicies.

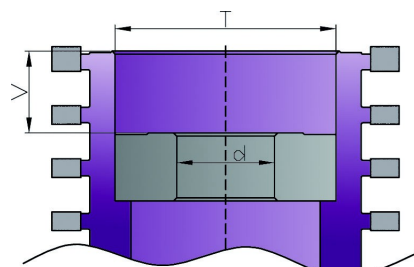
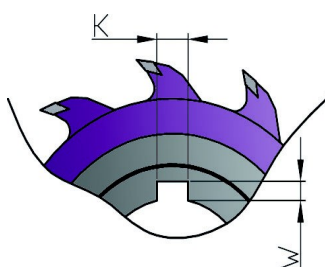
These innovative cutters, that thanks to the rounded body shape, and the top quality Hc (brazed tungsten carbide) grant:

- very high advancing speed (~ 40 m/min).
- longer resistance to wear (~ 30% more with respect to the standard multicut spiral cutters).
- better removal of the material.
- easier split of the chip.

Recommended for extraordinary feed speed, good removal, excellent finishing, avoiding chippings, even in against wood grain working. Suitable on soft, hard woods and glued panels.

APPLICATION

COPY-SHAPING



NOISE



ENERGY



ADVANCING SPEED



FRACTIONATION OF THE CHIP

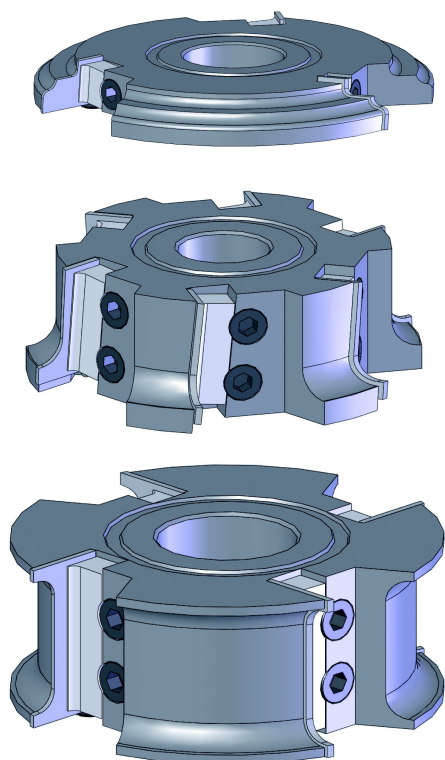


MAINTENANCE

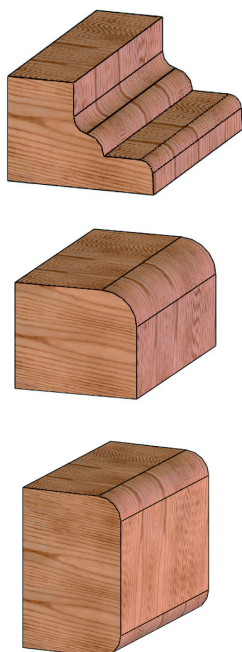


PROFIED CUTTERHEADS

ART.0300



WOOD PROFILES EXAMPLES



TECHNICAL SPECIFICATIONS

Cutterheads with 2 mm of thickness HW
(integral tungsten carbide) profiled knives.

APPLICATION

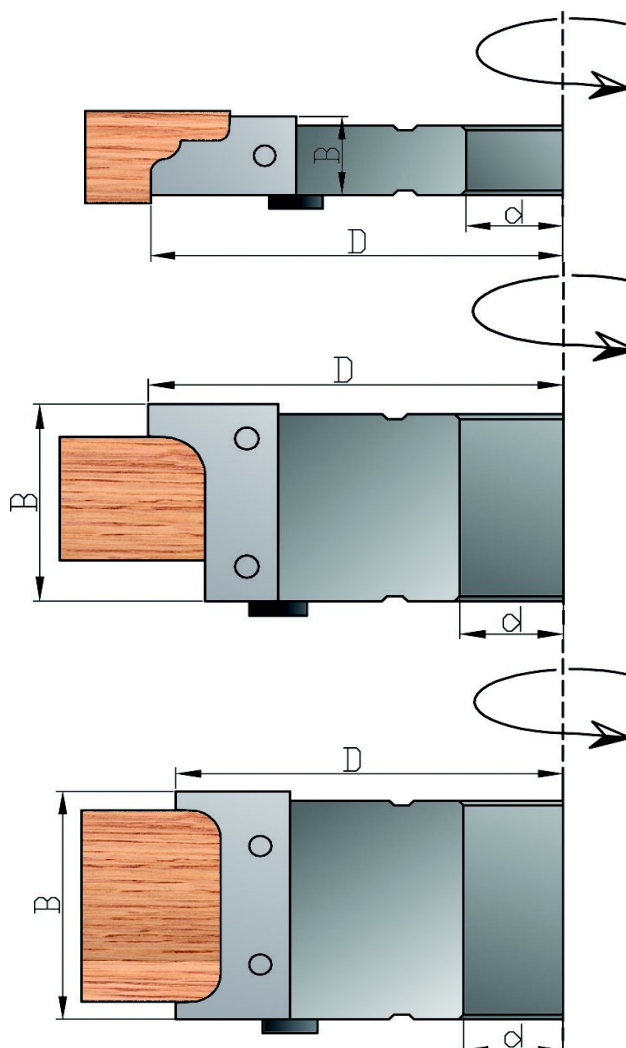
MOULDER, SPINDLE MOULDER,
SHAPER, TENONER,
DOUBLE END TENONER, ROUTER,
WINDOW FRAME MACHINE CENTRE

Z=4 / HW								
D ▶	80	100	120	150	180	220	250	300
B ▼	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.
12	001	002	003	004	005	006	007	008
20	009	010	011	012	013	014	015	016
30	017	018	019	020	021	022	023	024
40	025	026	027	028	029	030	031	032
50	033	034	035	036	037	038	039	040
60	041	042	043	044	045	046	047	048
80	049	050	051	052	053	054	055	056

- FOR Z=2 EXECUTION: 20% DISCOUNT
- FOR Z=3 EXECUTION: 10% DISCOUNT
- FOR Z=6 EXECUTION: 25% INCREASE
- PROFILE AND COUNTERPROFILE EXECUTION:
10% INCREASE
- SPECIFY ROTATION SENSE AND
BORE DIMENSION WHEN ORDERING



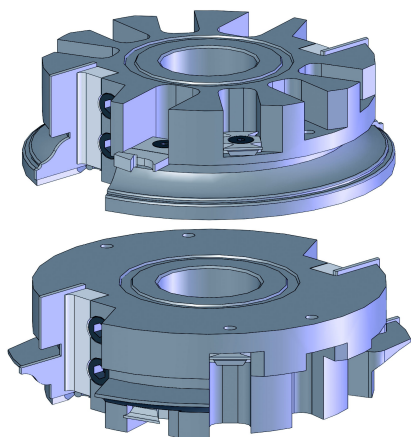
SPARE PARTS		
Cod.	Description	Ref. Art.
0560	profiled knives	0560



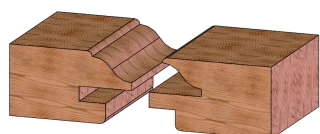


PROFILE AND COUNTER PROFILE CUTTERHEADS

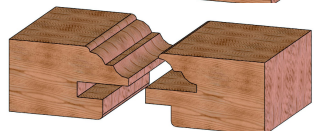
ART.0309



WOOD PROFILES EXAMPLES



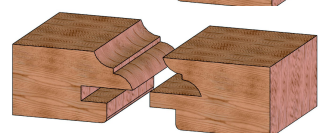
**PROFILE
"1"**



**PROFILE
"2"**



**PROFILE
"3"**



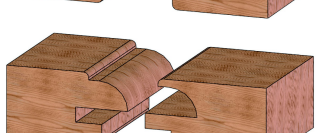
**PROFILE
"4"**



**PROFILE
"5"**



**PROFILE
"6"**



**PROFILE
"7"**



**PROFILE
"8"**

TECHNICAL SPECIFICATION

Programmed cutterheads in HW
(integral tungsten carbide).

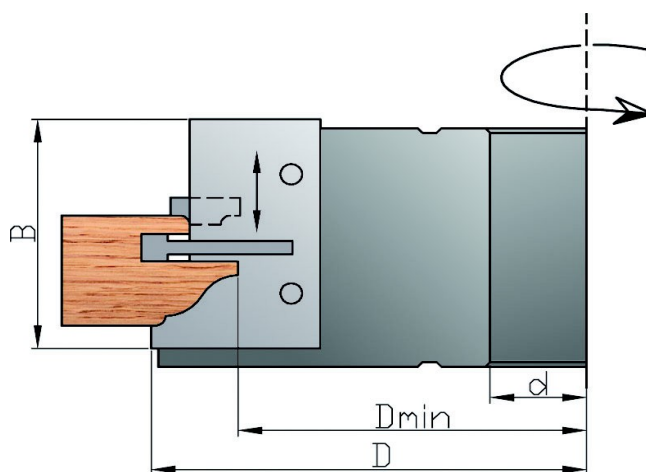
Cutterheads to execute the illustrated
shapes, supplied with 1 profile by choice.
Suitable for hard and soft wood.

APPLICATION

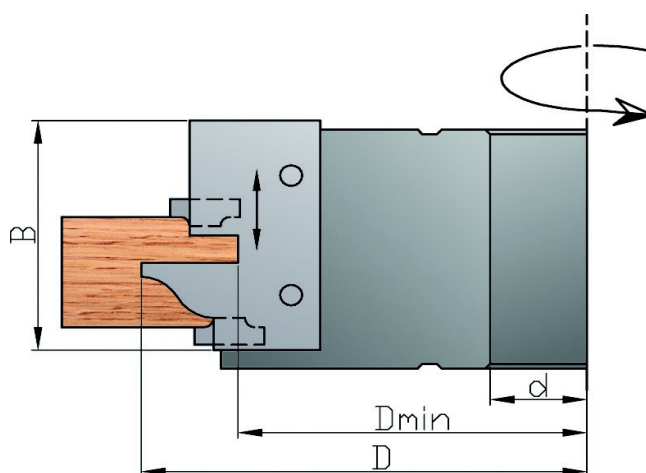
MOULDER, SPINDLE MOULDER, TENONER,
DOUBLE END TENONER

Z=2+2 / HW				
Cod.	D	B	d	Ref.
001	180	50	30-35-40	a
002	180	50	30-35-40	b

SPARE PARTS				
Art.	Cod.	Description		Ref.
0560	086	profiled knives	50x35x2	a
0545	002	inserts radious	R3	a/b
0547	002	inserts for gasket grooving	Sp.4	a
0560	091	profiled knives	50x40x2	b
0545	002	inserts radious	R1.5	b



Ref. "a"

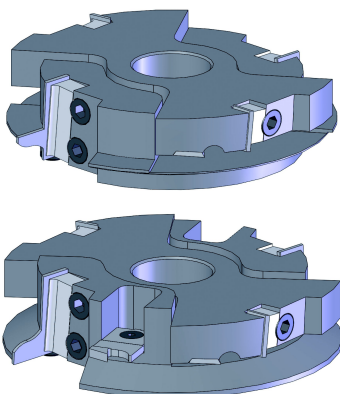


Ref. "b"

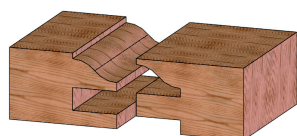


PROFILE AND COUNTER PROFILE CUTTERHEADS SET

ART.0310



WOOD PROFILES EXAMPLES



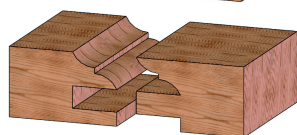
PROFILE
"1"



PROFILE
"2"



PROFILE
"3"



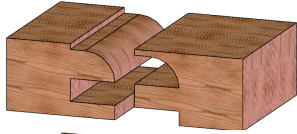
PROFILE
"4"



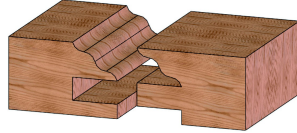
PROFILE
"5"



PROFILE
"6"



PROFILE
"7"



PROFILE
"8"

TECHNICAL SPECIFICATION

Set composed of 3 cutterheads with HW (integral tungsten carbide) inserts.
Cutterheads to execute the illustrated shapes, supplied with 1 profile by choice.
The group allows to realize panel doors with/ without glass. Suitable for soft and hard woods.

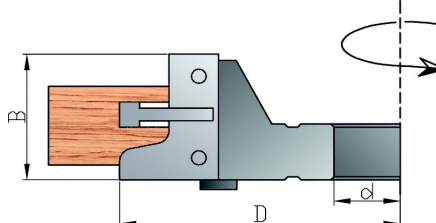
APPLICATION

MOULDER, SPINDLE MOULDER, TENONER, DOUBLE END TENONER

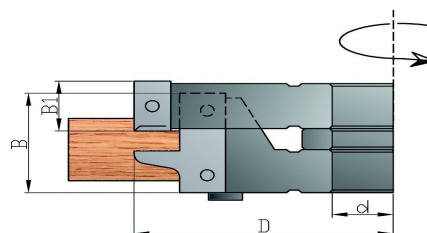
Z=2 / HW			
Cod.	D	B/B1	d
001	150	50/20	30-32-35-40

Ref.	D	B/B1	d
a	150	50	30-32-35-40
b	150	50	30-32-35-40
c	150	20	30-32-35-40

SPARE PARTS				
Art.	Cod.	Description		Ref.
0560	061	profiled knives	40x30x2	a
0560	061	profiled knives	40x30x2	b
0520	006	reversible inserts	20x12x1,5	c
0540	001	square spurs	14x14x2	c
0547	002	inserts for gasket grooving	Sp.4	a

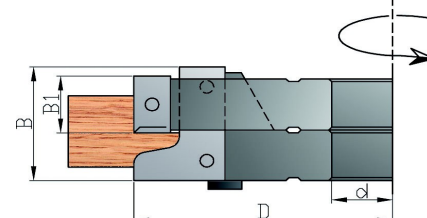


Ref. "a"



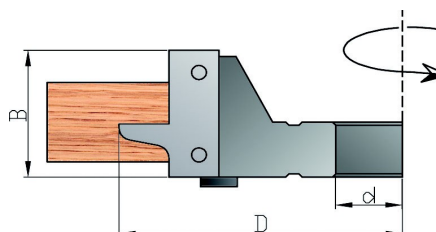
Ref. "c"

Ref. "b"

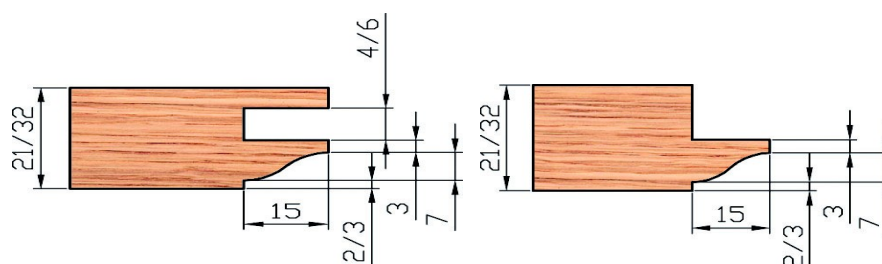


Ref. "c"

Ref. "a"



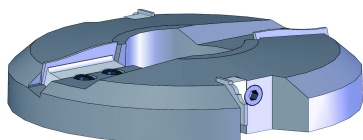
Ref. "b"





PANEL RISING MULTIPROFILE CUTTERHEADS

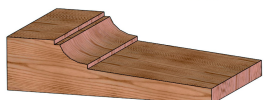
ART.0316



WOOD PROFILE EXAMPLES



**PROFILE
"1"**



**PROFILE
"2"**



**PROFILE
"3"**

TECHNICAL SPECIFICATIONS

Cutterheads with HW (integral tungsten carbide) inserts 2 mm. The cutters execute the illustrated shapes, supplied with 1 profile by choice. Suitable for hard and soft wood.

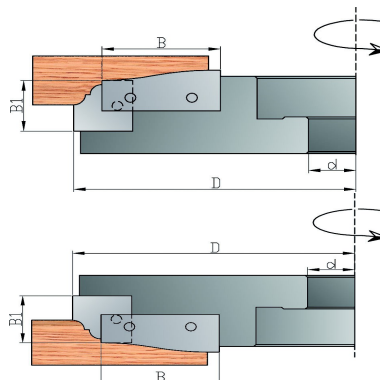
APPLICATION

MOULDER, SPINDLE MOULDER, TENONER, DOUBLE END TENONER

• SPECIFY WOOD POSITION (ABOVE OR BELOW) WHEN ORDERING

Z=2+2 / HW		
Cod.	D	d
001	200	30-32-35-40-50

SPARE PARTS			
Art.	Cod.	Description	
0560	181	profiled knives	50x20x2
0560	026	profiled knives	25x25x2



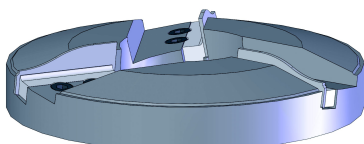
WOOD ABOVE

WOOD BELOW



PANEL RISING MULTIPROFILE CUTTERHEADS

ART.0318



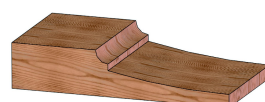
WOOD PROFILE EXAMPLES



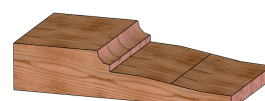
**PROFILE
"1"**



**PROFILE
"2"**



**PROFILE
"3"**



**PROFILE
"4"**

TECHNICAL SPECIFICATIONS

Cutterheads with HW (integral tungsten carbide) inserts 2 mm. The cutters execute the illustrated shapes, supplied with 1 profile by choice. Suitable for hard and soft wood.

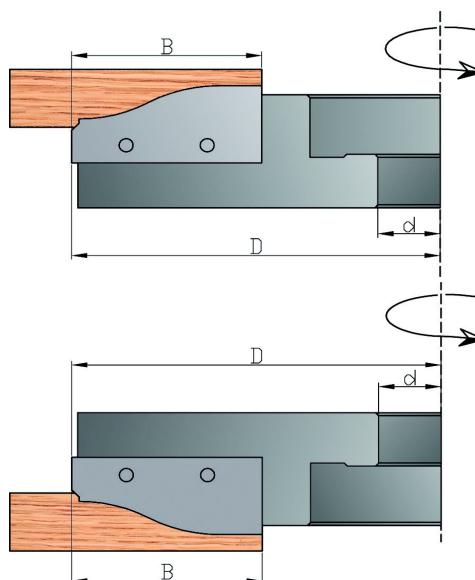
APPLICATION

MOULDER, SPINDLE MOULDER, TENONER, DOUBLE END TENONER

• SPECIFY WOOD POSITION (ABOVE OR BELOW) WHEN ORDERING

Z=3 / HW		
Cod.	D	d
001	200	30-32-35-40-50

SPARE PARTS			
Art.	Cod.	Description	
0560	191	profiled knives	60x25x2



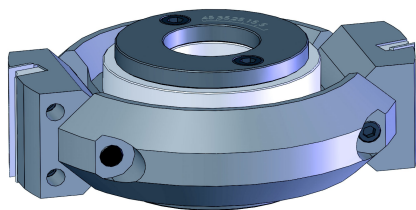
WOOD ABOVE

WOOD BELOW

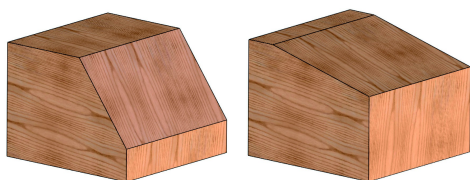


ADJUSTABLE BEVELS CUTTERHEADS – WITH RING NUT

ART.0321



WOOD PROFILES EXAMPLES



TECHNICAL

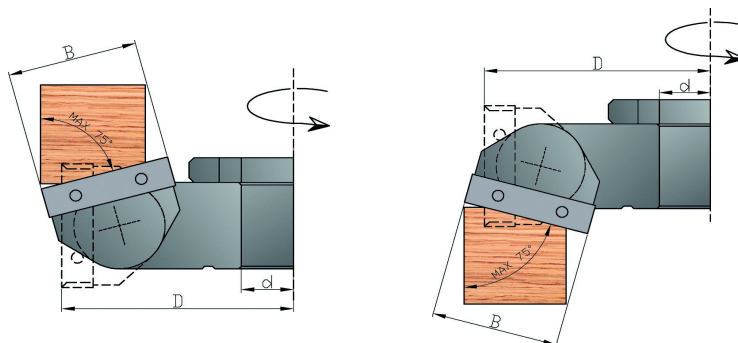
Cutterheads for adjustable bevels angle
From + 75° to - 75°, with 2 HW (integral
tungsten carbide) reversible inserts Z=4.
The regulation and the simultaneous
rotation of the 2 cutting edges are allowed
by a graduated ring nut.

APPLICATION

MOULDER, SPINDLE MOULDER

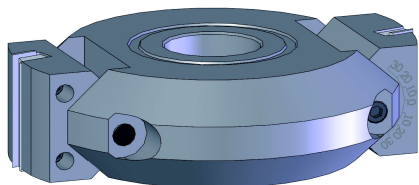
Z=2 / HW				
Cod.	D	B	d	Reg.
001	155	50	30-31,75-35-40	-75°;+75°
002	155	60	30-31,75-35-40	-60°;+60°
003	155	80	30-31,75-35-40	-45°;+45°
004	170	50	40-50	-75°;+75°
005	170	60	40-50	-60°;+60°
006	170	80	40-50	-45°;+45°

SPARE PARTS		
Art.	Description	Ref.
0520	reversible inserts Z=4	Ref. Art. 0520

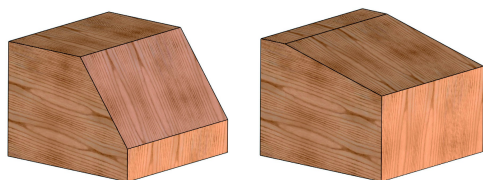


ADJUSTABLE BEVELS CUTTERHEADS

ART.0322



WOOD PROFILES EXAMPLES



TECHNICAL SPECIFICATIONS

Cutterheads for adjustable bevels angle
from + 60° a – 60°, with 2 HW (integral
tungsten carbide) reversible inserts.

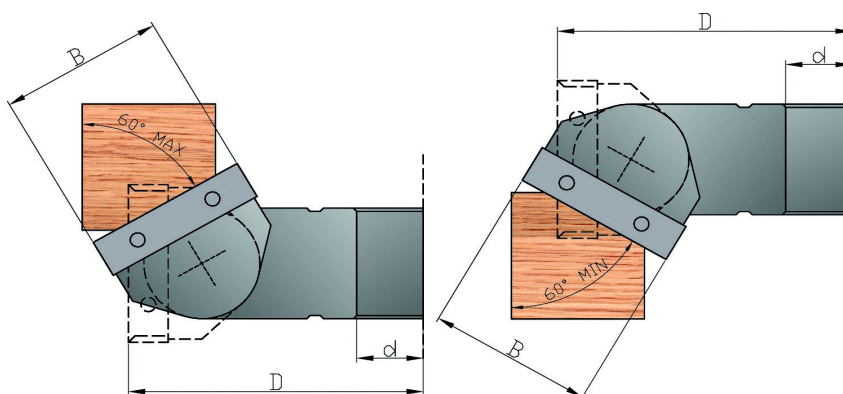
APPLICATION

MULDER, SPINDLE MOULDER

Z=2 / HW				
Cod.	D	B	d	Reg.
001	140	50	30	-60°;+60°
002	170	50	30-40-50	-60°;+60°

Z=3 / HW				
Cod.	D	B	d	Reg.
003	170	80	30-40-50	-60°;+60°

SPARE PARTS		
Art.	Description	Ref.
0520	reversible inserts	Ref. Art. 0520

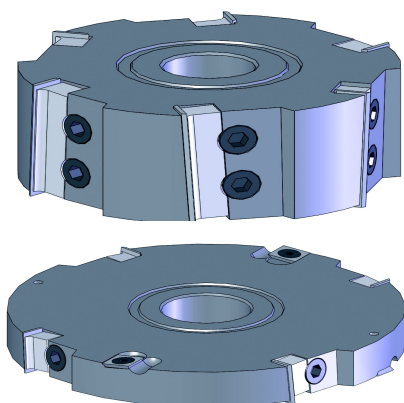




CUTTERHEADS FOR STRAIGHT OR INCLINED REBATES

ART.0344

ART. 0344 – TYPE "A"

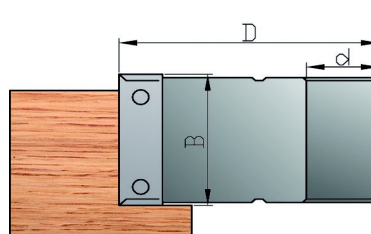


WOOD PROFILES EXAMPLES – TYPE "A"



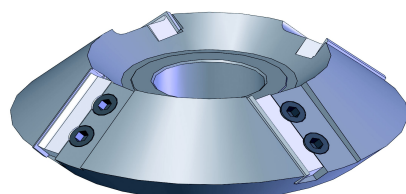
Z=4 / HW – TYPE "A"								
D ▶	80	100	120	150	180	220	250	300
B ▼	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.
12	001	002	003	004	005	006	007	008
20	009	010	011	012	013	014	015	016
30	017	018	019	020	021	022	023	024
40	025	026	027	028	029	030	031	032
50	033	034	035	036	037	038	039	040
60	041	042	043	044	045	046	047	048
80	049	050	051	052	053	054	055	056

- SPECIFY IF STRAIGHT OR AXIAL CUTTING
- SPECIFY ROTATION SENSE AND BORE DIMENSION WHEN ORDERING
- SPECIFY REQUIREMENT OF 45° CHAMFERS
- FOR Z=2 EXECUTION: 20% DISCOUNT
- FOR Z=3 EXECUTION: 10% DISCOUNT
- FOR Z=6 EXECUTION: 25% PRICE INCREASE

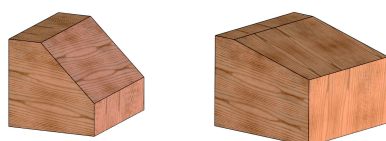


TYPE "A"

ART. 0344 – TYPE "B"

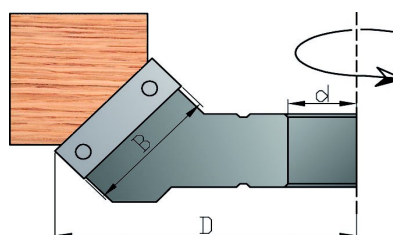


WOOD PROFILES EXAMPLES – TYPE "B"



Z=4 / HW – TYPE "B"								
D ▶	80	100	120	150	180	220	250	300
B ▼	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.
12	060	061	062	063	064	065	066	067
20	068	069	070	071	072	073	074	075
30	076	077	078	079	080	081	082	083
40	084	085	086	087	088	089	090	091
50	092	093	094	095	096	097	098	099
60	100	101	102	103	104	105	106	107
80	108	109	110	111	112	113	114	115

- SPECIFY ROTATION SENSE AND BORE DIMENSION WHEN ORDERING
- FOR Z=2 EXECUTION: 20% DISCOUNT
- FOR Z=3 EXECUTION: 10% DISCOUNT
- FOR Z=6 EXECUTION: 25% PRICE INCREASE



TYPE "B"

TECHNICAL SPECIFICATIONS

Cutterheads with HW (integral tungsten carbide) reversible inserts.

For cutterhead B=12 only straight cuttings available.

APPLICATION

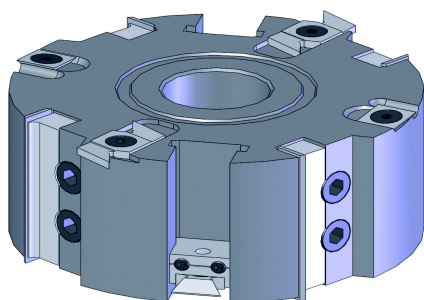
MOULDER, SPINDLE MOULDER, SHAPER, TENONER, DOUBLE END TENONER, ROUTER, WINDOW FRAME MACHINE CENTER

SPARE PARTS TYPE "A" - TYPE "B"		
Cod.	Description	
0520	reversible inserts	Ref. Art. 0520
0540	square spurs	Ref. Art. 0540

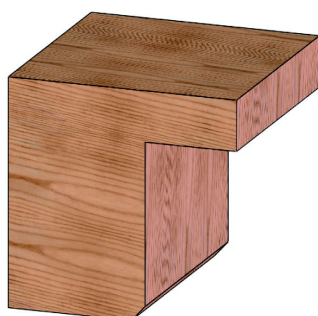
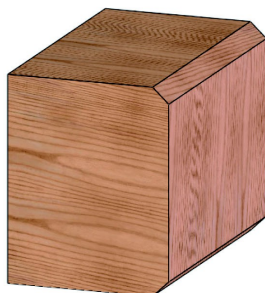


REBATES AND BEVELS CUTTERHEADS

ART.0345



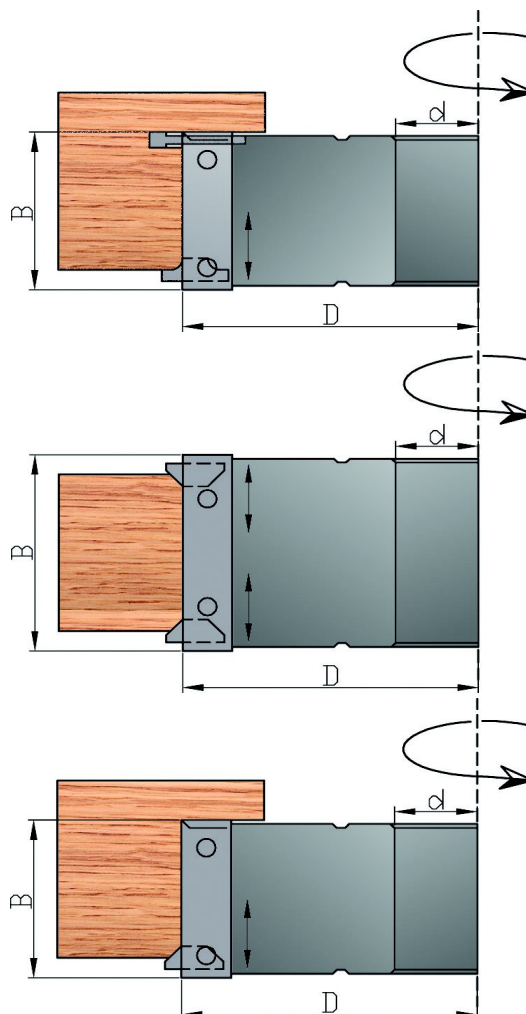
WOOD PROFILES EXAMPLES



Z=4 / HW						
D ▶	120	150	180	220	250	300
B ▼	Cod.	Cod.	Cod.	Cod.	Cod.	Cod.
30	001	002	003	004	005	006
40	007	008	009	010	011	012
50	013	014	015	016	017	018
60	019	020	021	022	023	024
80	025	026	027	028	029	030

- SPECIFY IF STRAIGHT OR AXIAL CUTTING
- SPECIFY ROTATION SENSE AND BORE DIMENSION WHEN ORDERING
- BY REQUEST: SPURS/45°CHAMFERS/RADIUS SHAVERS/INSERTS FOR GROOVING/BLOCKS
- FOR Z=2 EXECUTION: 20% DISCOUNT
- FOR Z=3 EXECUTION: 10% DISCOUNT
- FOR Z=6 EXECUTION: 25% PRICE INCREASE

SPARE PARTS		
Cod.	Description	
0520	reversible inserts	Ref. Art. 0520
0540	square spurs	Ref. Art. 0540
0545	radius	Ref. Art. 0545
0546	inserts for gasket grooving	Ref. Art. 0546
0548	blocks for radius/chamfers	Ref. Art. 0548



TECHNICAL SPECIFICATION

Cutterheads with HW (integral tungsten carbide) reversible inserts.

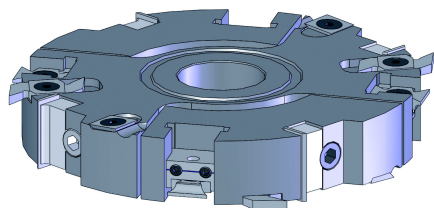
APPLICATION

MOULDER, SPINDLE MOULDER, SHAPER, TENONER, DOUBLE END TENONER, ROUTER, WINDOW FRAME MACHINE CENTER.

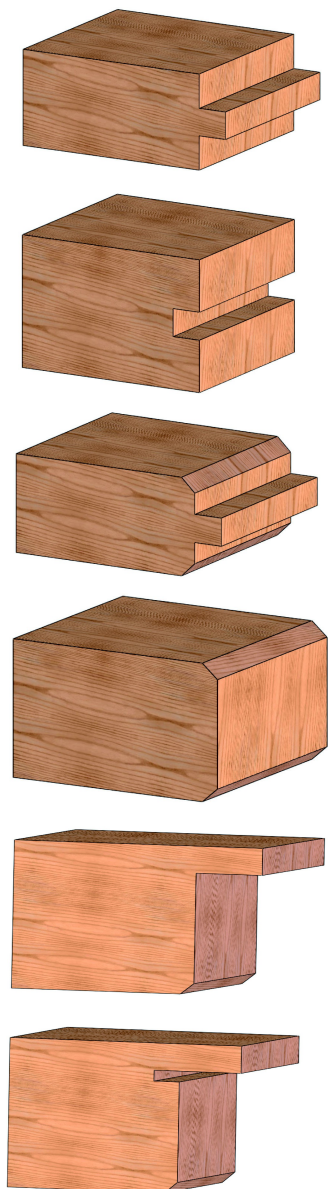


CUTTERHEADS SET FOR GROOVING, REBATES, TENONS, TONGUE AND GROOVE AND CHAMFERS

ART.0346



WOOD PROFILES EXAMPLES



TECHNICAL SPECIFICATION

Cutterheads set with 4 HW (integral tungsten carbide) reversible inserts, positioned 2 on each side of the tool, 4 square spurs, 4 blocks for radius or chamfers and 4 inserts for grooving.

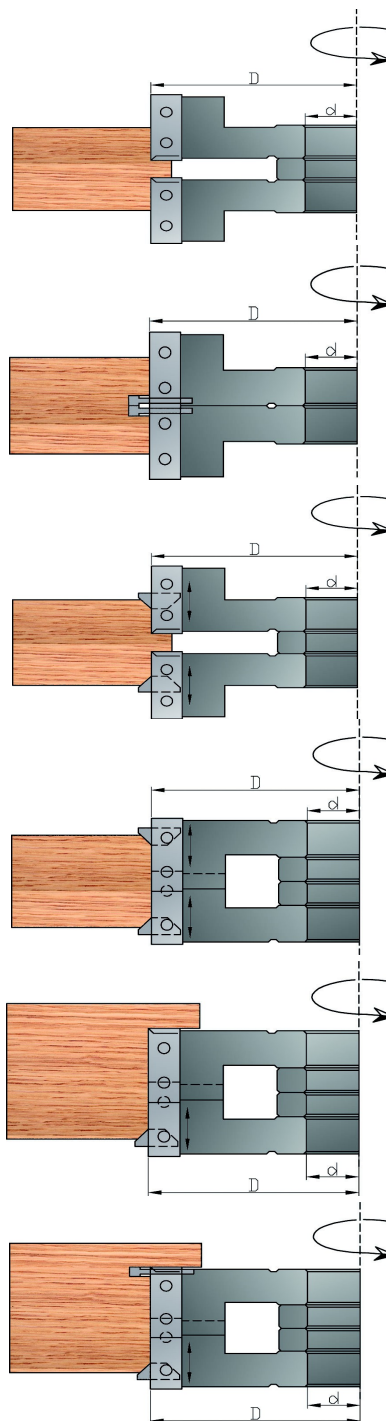
Grooving height regulation is possible by distance rings included.

APPLICATION

MOULDER, SPLINDE MOULDER

Z=2+2+4+4+4 /HW			
Cod.	D	B	d
001	160	30/60	30-32-35-40-50

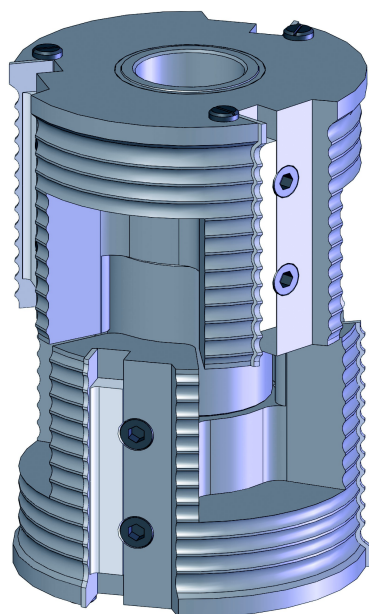
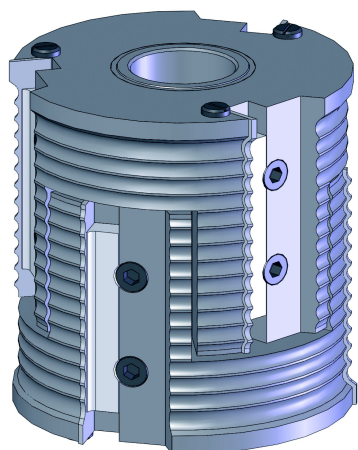
SPARE PARTS			
Art.	Cod.	Description	
0520	008	reversible inserts	30x12x1,5
0546	002	inserts gasket groove	Sp.4
0540	001	square spurs	14x14x2
0545	003	reversible radius shavers	R3
0548	001	blocks for radius/chamfers	-





CUTTERHEADS SET FOR NO-SLIP FLOOR

ART.0349



TECHNICAL SPECIFICATIONS

Set composed of 2 cutterheads for no-slip floors.

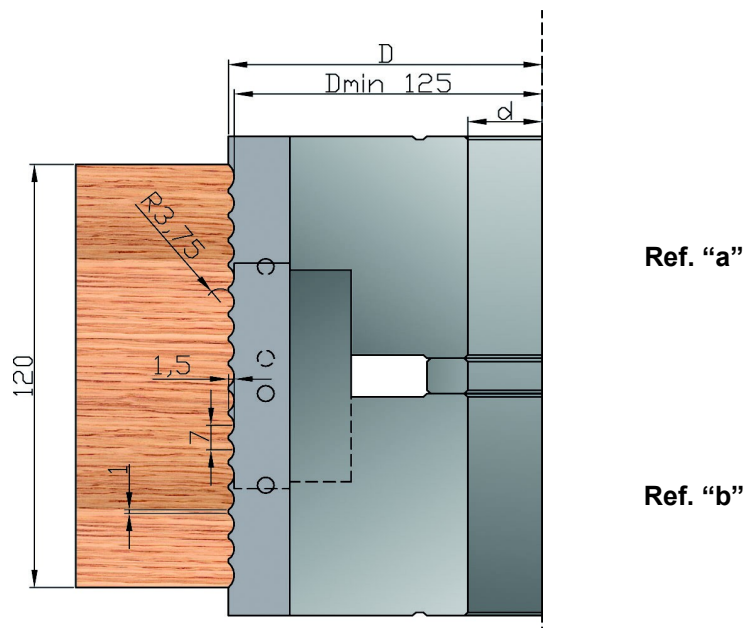
APPLICATION

MOULDER, SPLINDE MOULDER

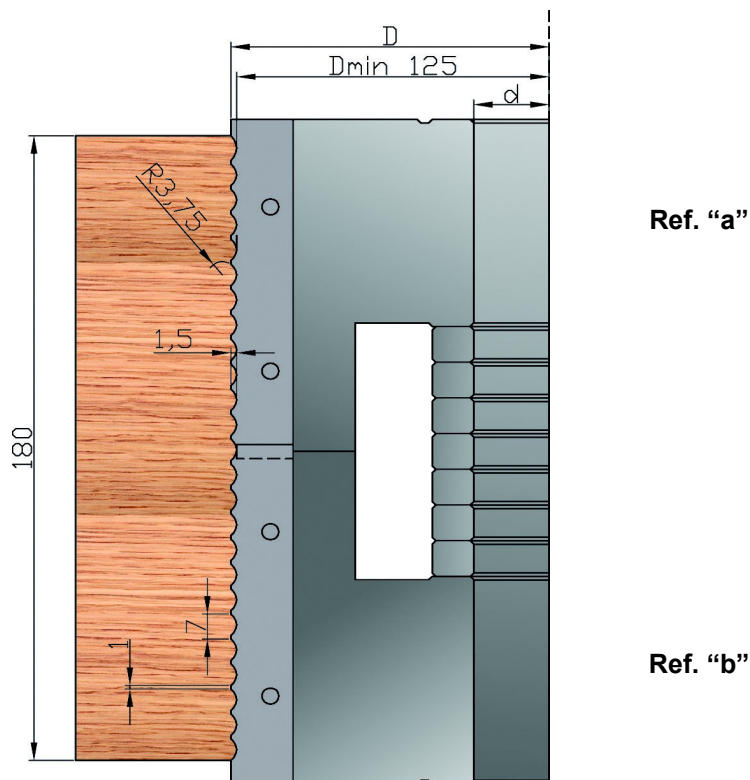
Z 3+3 / HW			
Cod.	D min.	S	d
001	125	120/180	30-32-35-40

SPARE PARTS				
Art.	Cod.	Description	Ref.	
0349	010	profiled knives	a	100x20x2
0349	011	profiled knives	b	100x20x2

MINIMUM REGULATION



MAXIMUM REGULATION



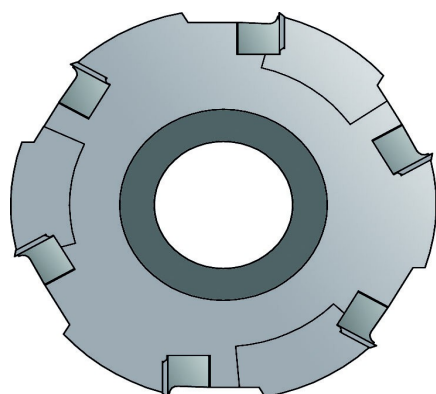


SPIRAL CUTTERHEADS FOR PLANING – LIGHT ALLOY BODY

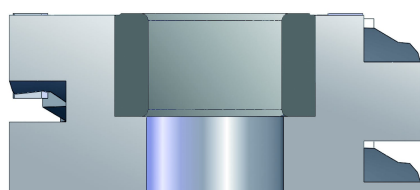
ART.0361



**SPECIAL INTERNAL
STEEL SLEEVES**



**SPECIAL STEEL SLEEVES
LIGHT ALLOY BODY**



Z=6 / HW				
Cod.	D	B	d	Z
101	100	120	30-35	21
102	100	130	30-35	21
103	100	140	30-35	24
104	100	150	30-35	24
105	100	160	30-35	27
106	100	180	30-35	30
107	120	120	30-40	21
108	120	130	30-40	21
109	120	140	30-40	24
110	120	150	30-40	24
111	120	160	30-40	27
112	120	180	30-40	30
113	120	200	30-40	33
114	120	220	30-40	39
115	120	230	30-40	39
116	125	120	30-40	21
117	125	130	30-40	21
118	125	140	30-40	24
119	125	150	30-40	24
120	125	160	30-40	27
121	125	180	30-40	30
122	125	200	30-40	33
123	125	220	30-40	39
124	125	230	30-40	39
125	140	120	30 - 50	21
126	140	130	30 - 50	21
127	140	140	30 - 50	24
128	140	150	30 - 50	24
129	140	160	30 - 50	27
130	140	180	30 - 50	30
131	140	200	30 - 50	33
132	140	220	30 - 50	39
133	140	230	30 - 50	39

SPARE PARTS		
Art.	Cod.	Description
0535	003	reversible inserts with bevelled angles 35° 24,7x12x1,5

- STEEL BODY EXECUTION BY REQUEST
- SPECIFY REQUIREMENT OF RECESSES OR KEYWAYS WHEN ORDERING

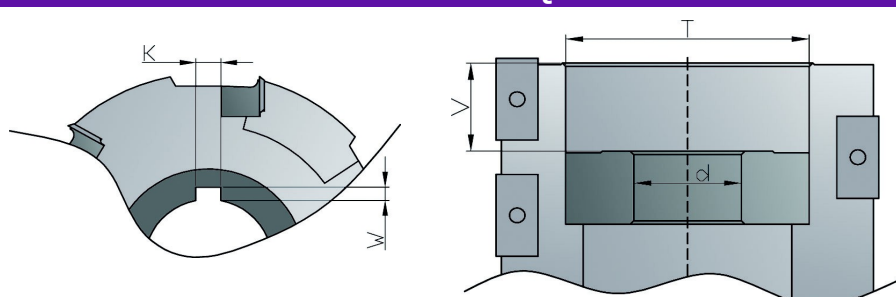
SPECIAL SIZES BY REQUEST

TECHNICAL SPECIFICATIONS

Cutterheads in light alloy body with HW (integral tungsten carbide) reversible bevelled inserts 24,7X12X1,5 mm, 35° clearance with 3 starting helicies. The cutter permits high feed speed and good surface finishing. Suitable for against wood grain working.

APPLICATION

MOULDER, COPY-SHAPER,
SPINDLE MOULDER



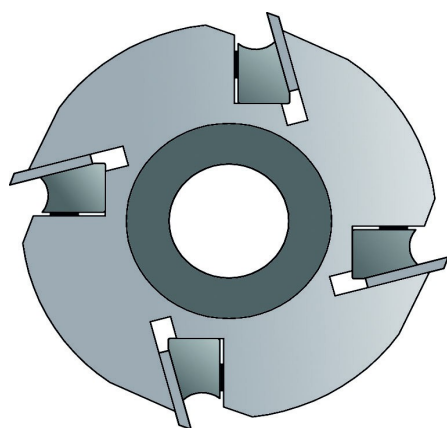


CUTTERHEADS FOR PLANING- LIGHT ALLOY BODY

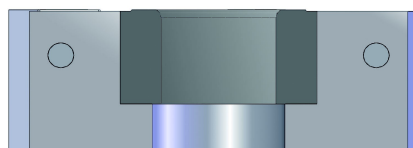
ART.0370



**SPECIAL INTERNAL
STEEL SLEEVES**



**SPECIAL STEEL SLEEVES
LIGHT ALLOY BODY**



Z=4 /HS (HSS 18% W)				
Cod.	D	B	Z	d
009	125	60	4	30-32-35-40
001	125	80	4	30-32-35-40
002	125	100	4	30-32-35-40
003	125	120	4	30-32-35-40
004	125	150	4	30-32-35-40
010	125	160	4	30-32-35-40
005	125	180	4	30-32-35-40
011	125	200	4	30-32-35-40
006	125	220	4	30-32-35-40
007	125	230	4	30-32-35-40
008	125	240	4	30-32-35-40
012	140	60	4	30-32-35-40-50
013	140	80	4	30-32-35-40-50
014	140	100	4	30-32-35-40-50
015	140	120	4	30-32-35-40-50
016	140	150	4	30-32-35-40-50
017	140	160	4	30-32-35-40-50
018	140	180	4	30-32-35-40-50
019	140	200	4	30-32-35-40-50
022	140	220	4	30-32-35-40-50
023	140	230	4	30-32-35-40-50
024	140	240	4	30-32-35-40-50

- STEEL BODY EXECUTION BY REQUEST
- FOR Z=2 AND Z=3 EXECUTION BY REQUEST
- SPECIFY REQUIREMENT OF RECESSES OR KEYWAYS WHEN ORDERING

SPECIAL SIZES BY REQUEST

SPARE PARTS	
Art.	Description
0510	knives in HS (HSS 18% W) MADE IN ITALY
0510	knives in HL (Sp 13% Cr) MADE IN ITALY
0515	knives in Hc (HM riportato) MADE IN ITALY

TECHNICAL SPECIFICATIONS

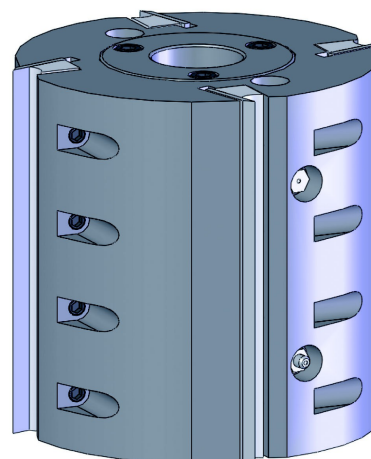
Mechanical locking cutter in light alloy body with 4 HS (HSS 18%W) knives included.

The tool, suitable for planing workings on soft, hard, glued wood etc., permits an excellent finishing of surfaces.

APPLICATION

MOULDER, SPINDLE MOULDER

**“HYDRO”
VERSION
AVAILABLE**

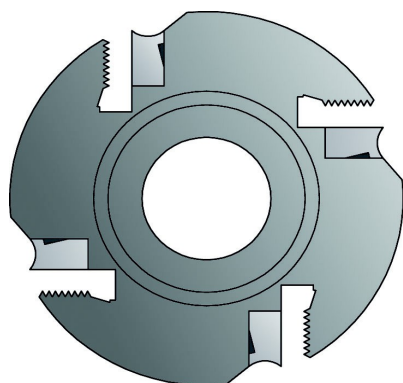
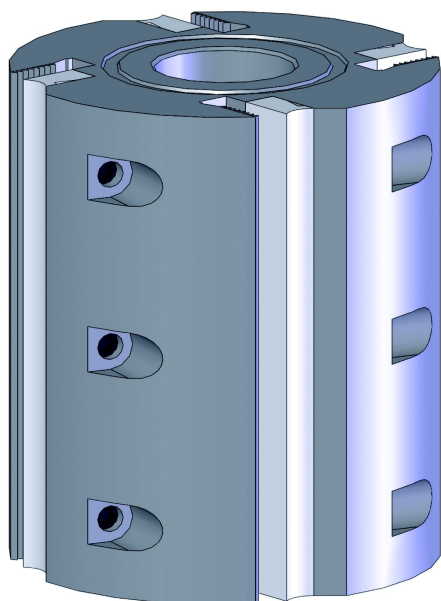


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SERRATED BACK CUTTERS BLOCK - STEEL BODY

ART.0375



Z=4 / HS				
Cod.	D	B	d	Z
001	122	40	30-32-35-40	4
002	122	60	30-32-35-40	4
003	122	80	30-32-35-40	4
004	122	100	30-32-35-40	4
005	122	130	30-32-35-40	4
006	122	150	30-32-35-40	4
007	122	180	30-32-35-40	4
008	122	230	30-32-35-40	4
009	137	60	30-32-35-40-50	4
010	137	100	30-32-35-40-50	4
011	137	130	30-32-35-40-50	4
012	137	150	30-32-35-40-50	4
013	137	180	30-32-35-40-50	4
014	137	230	30-32-35-40-50	4
015	137	260	30-32-35-40-50	4
016	137	310	30-32-35-40-50	4

• KNIVES NOT INCLUDED

SPECIAL SIZES BY REQUEST

SPARE PARTS	
Art.	Description
0505	HS (HSS) serrated back knives

**“HYDRO”
VERSION
AVAILABLE**

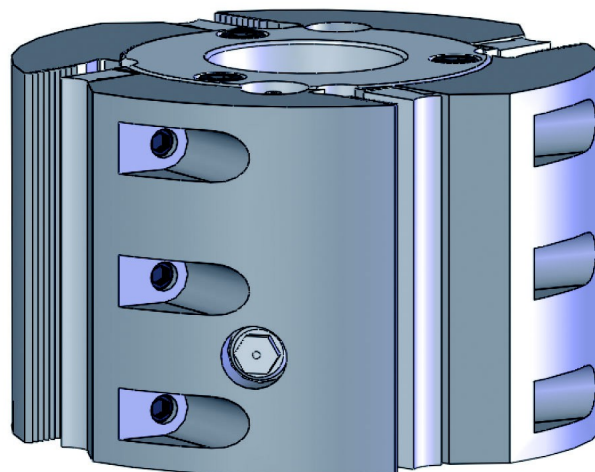
TECHNICAL SPECIFICATIONS

Cutterheads with high resistant steel body, to be equipped with 4 HS (HSS) serrated back knives, thickness 8 mm.

The tool is suitable for profiling working on soft, hard, glued wood etc.

APPLICATION

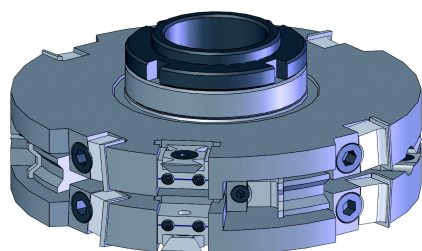
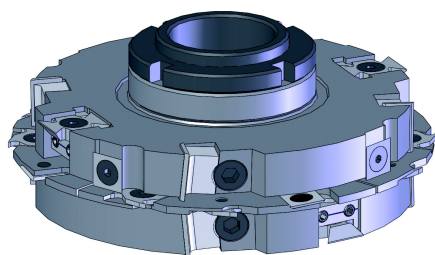
MOULDER, SPINDLE MOULDER



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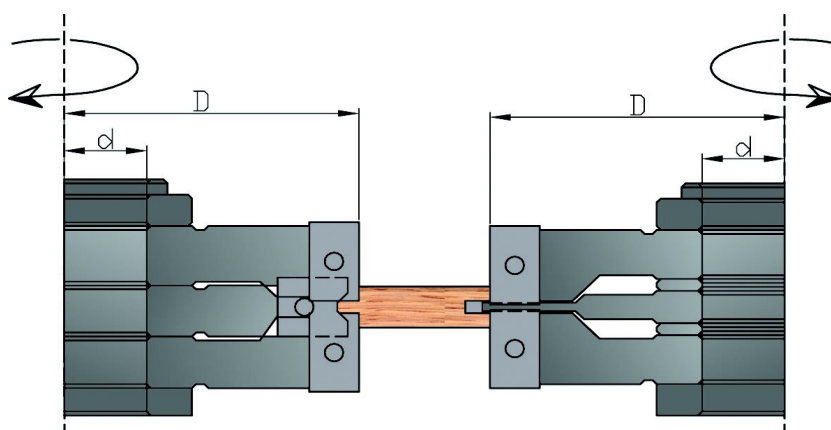


ART. 0380 – TYPE “A”

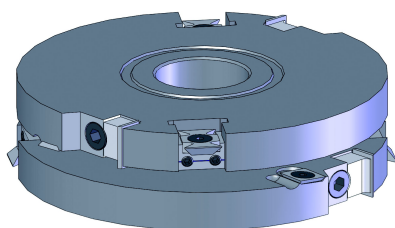
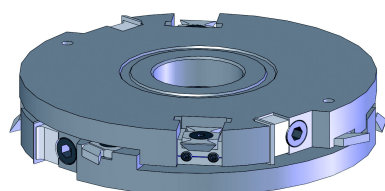


Z=4 / HW - TYPE “A”				
Cod.	D	d	Z	Ref.
001	180	32-35-40-50	4	1
002	180	32-35-40-50	4	2
003	180	32-35-40-50	4	3
004	180	32-35-40-50	4	4
005	180	32-35-40-50	4	5
006	180	32-35-40-50	4	6
007	180	32-35-40-50	4	7
008	180	32-35-40-50	4	8

Z=4 – TYPE “A”

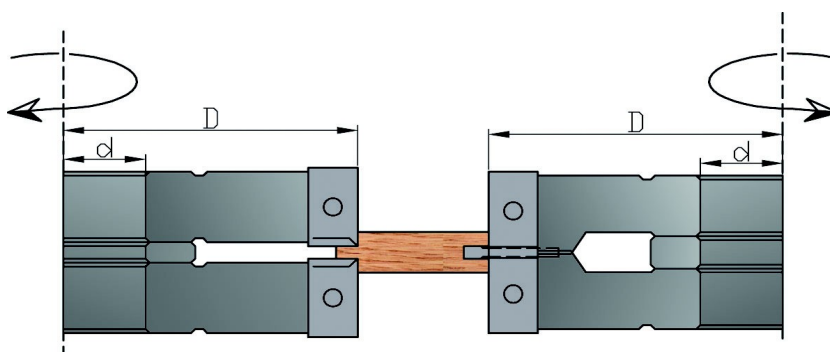


ART. 0380 – TYPE “B”



Z=2 / HW - TYPE “B”				
Cod.	D	d	Z	Ref.
009	160	32-35-40-50	2	1
010	160	32-35-40-50	2	2
011	160	32-35-40-50	2	3
012	160	32-35-40-50	2	4

Z=2 – TYPE “B”



TECHNICAL SPECIFICATIONS

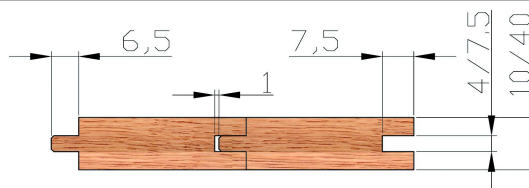
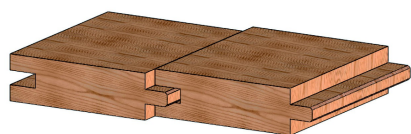
Cutterheads with HW (integral tungsten carbide) reversible inserts, fixed on bush (except version z=2).

Bevels execution by cutters adjustment and through distance rings included.

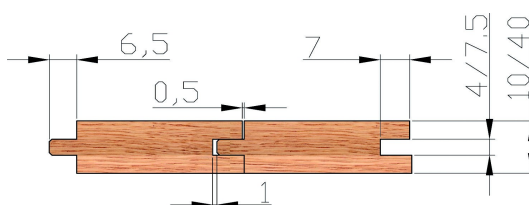
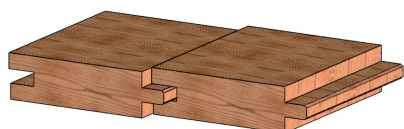
APPLICATION

MOULDER, DOUBLE END

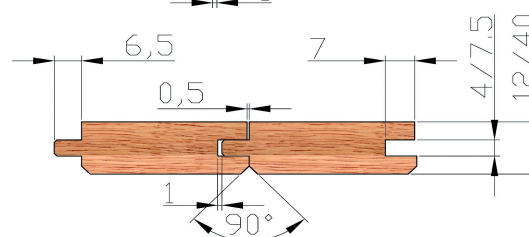
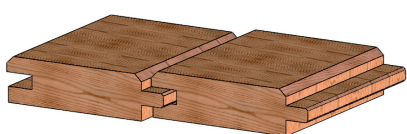
TENONERS, SPINDLE MOULDE



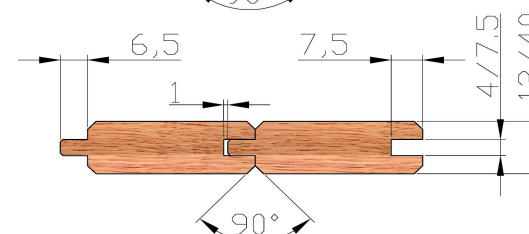
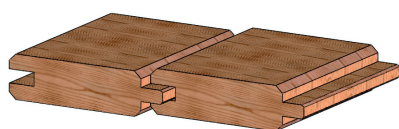
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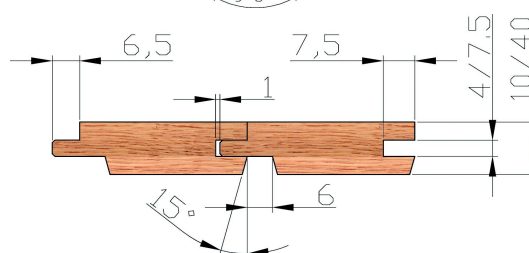
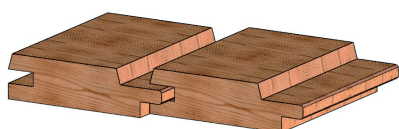
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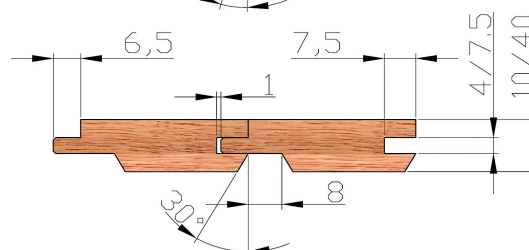
Ref. "3"



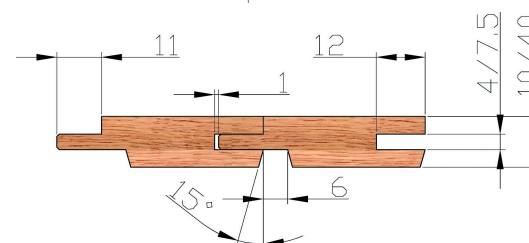
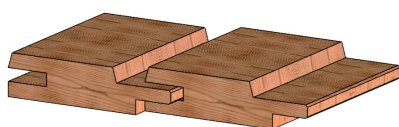
Ref. "4"



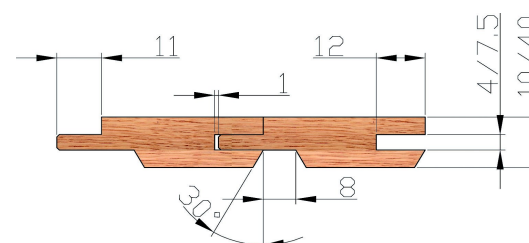
Ref. "5"



Ref. "6"



Ref. "7"

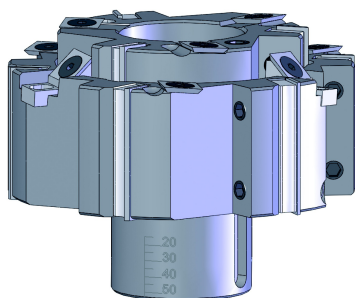


Ref. "8"



CUTTERHEADS SET FOR SINGLE TENONING MACHINE

ART.0385



TECHNICAL SPECIFICATIONS

Cutterheads set with HW (integral tungsten carbide) reversible inserts, composed of 1 hogger $Z=6 + 3 Ri + 3 Sp 45^\circ$ and 1 cutter $Z=3 + 3 Ri$, permitting a tenon adjustment from 15 to 50 mm by regulation screw. Suitable for machines: BACCI, GREDA, PADE, and BALESTRINI.

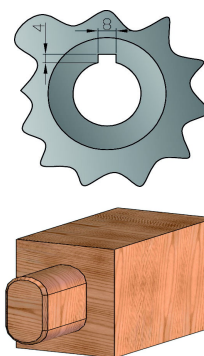
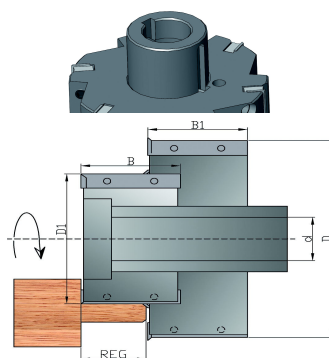
APPLICATION

SINGLE TENONING MACHINE

Cod.	D/D1	B/B1	Ri	Sg45°	Reg.	d
001	125/90	50/50	3+3	3	15-50	30

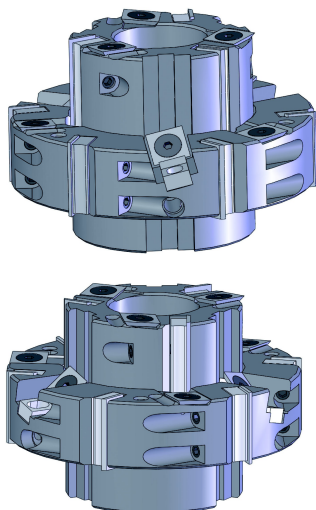
• SPECIFY THE MACHINE BRAND WHEN ORDERING

SPARE PARTS			
Art.	Cod.	Description	
0520	012	reversible inserts	50x12x1,5
0540	001	square spurs	14x14x2
0540	001	square spurs 45° position	14x14x2



CUTTERHEADS SET FOR SINGLE AND DOUBLE TENONING MACHINE

ART.0390



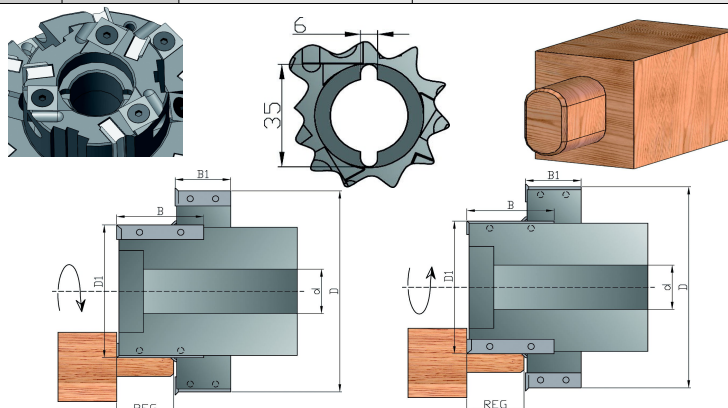
Cod.	D/D1	B/B1	Ri	Sg45°	Reg.	d	Rot.
001	115/70	50/30	3/3	3	5-50	25	Dx
002	115/70	50/30	3/3	3	5-50	25	Sx

• SPECIFY THE MACHINE BRAND WHEN ORDERING

SPARE PARTS			
Art.	Cod.	Description	
0520	012	reversible inserts	50x12x1,5
0520	008	reversible inserts	30x12x1,5
0540	001	square spurs	14x14x2
0540	001	square spurs 45° position	14x14x2

• SAW BLADE FOR INCLINED CUTTINGS AVAILABLE BY REQUEST

0390	010	saw blade	D=200 B=3,2 Z=48 d=68.5
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TECHNICAL SPECIFICATIONS

Cutterheads set with HW (integral tungsten carbide) reversible inserts, composed of 1 hogger $Z=6 + 3 Ri + 3 Sp45^\circ$ and 1 cutter $Z=3 + 3 Ri$, permitting a tenon adjustment from 5 to 50 mm by regulation screw. Suitable for machines: BACCI, GREDA, PADE, and BALESTRINI.

APPLICATION

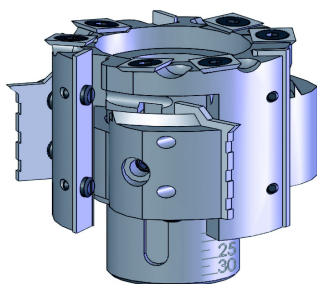
SINGLE TENONING MACHINE
DOUBLE TENONING MACHINE



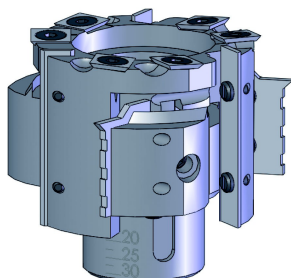
CUTTERHEADS SET FOR DOUBLE TENONING MACHINE / CNC

ART.0393

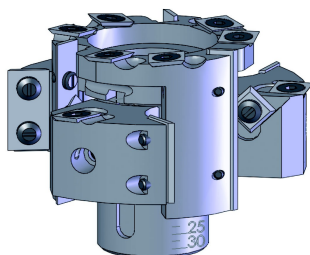
Ref. "a"



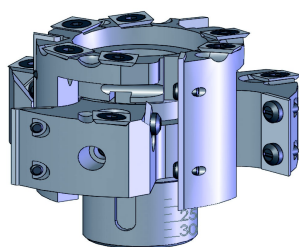
Ref. "b"



Ref. "c"



Ref. "d"



Cod.	D/D1	B/B1	Ri	Sg45°	Reg.	d	Rot.	Ref.
001	80/60	50/30	6	3	10 -35	25	RH	a
002	80/60	50/30	6	3	10 -35	25	LH	b
003	90/60	50/25	6	3	10 -50	25	RH	c
004	90/60	50/25	6	3	10 -50	25	LH	d

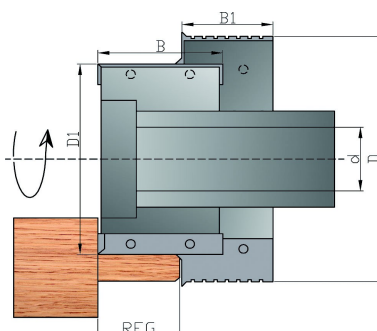
CNC OPTION

Cod.	D/D1	B/B1	Ri	Sg45°	Reg.	Att.	Rot.
005	80/60	50/30	6	3	10-35	D=20/25 x 50	RH
006	90/60	50/30	6	3	10-50	D=20/25 x 50	RH

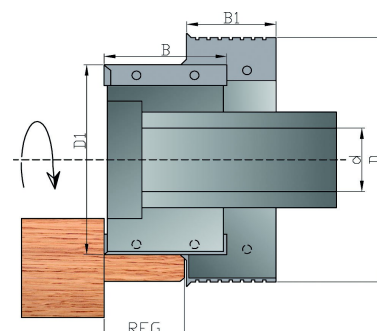
SPARE PARTS

Art.	Cod.	Description		Ref.
0520	011	reversible inserts	50x9x1,5	a-b-c-d
0393	012	profiled knives	30x19,5x2 RH	a
0393	012	profiled knives	30x19,5x2 LH	b
0520	018	reversible inserts	25x12x1,5 2f	c-d
0540	005	square spurs	10,5x10,5x1,5	a-b-c-d
0540	005	square spurs 45°	10,5x10,5x1,5	c-d

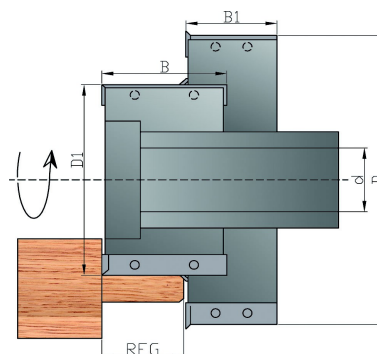
Ref. "a"



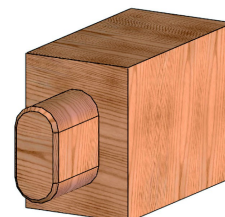
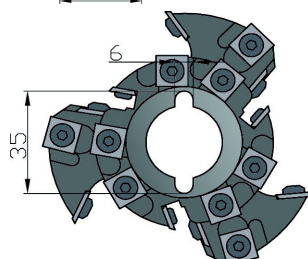
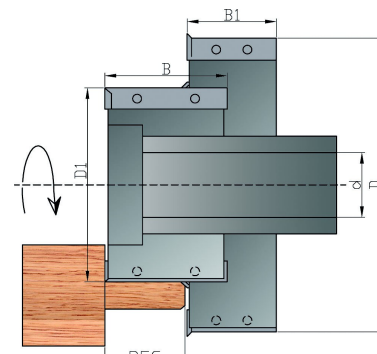
Ref. "b"



Ref. "c"



Ref. "d"



TECHNICAL SPECIFICATIONS

Cutterheads set with HW (integral tungsten carbide) reversible inserts, composed of 1 hogger $Z=6 + 3 Ri + 3 Sp45^\circ$ and 1 cutter $Z=3 + 6 Ri$, permitting a tenon adjustment from 10 to 35 mm or from 10 to 50 mm. Suitable for double tenoning machine BACCI, GREDA, PADE and BALESTRINI,

APPLICATION

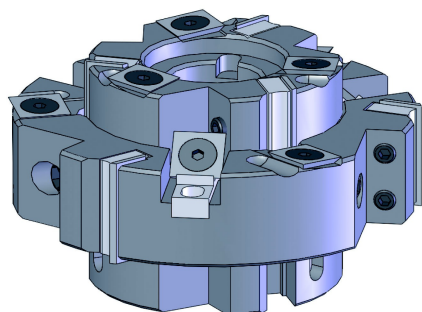
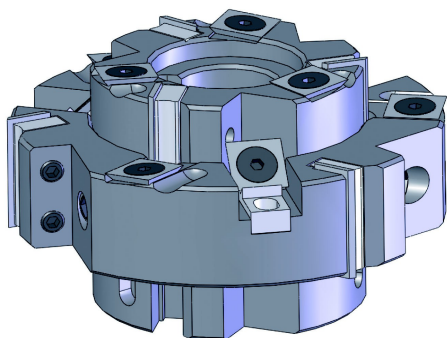
DOUBLE TENONING MACHINE, CNC

www.g3fantacci.com



CUTTERHEADS SET FOR SINGLE AND DOUBLE TENONING MACHINE

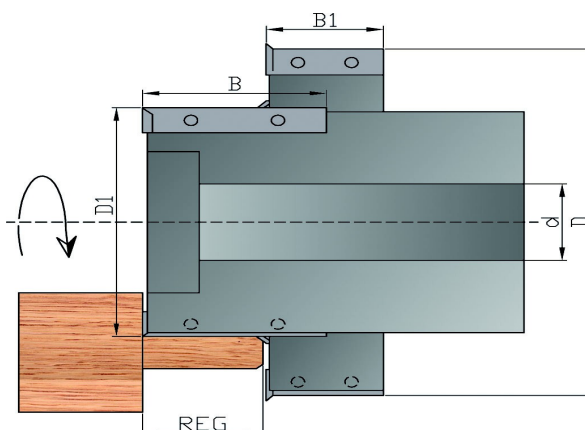
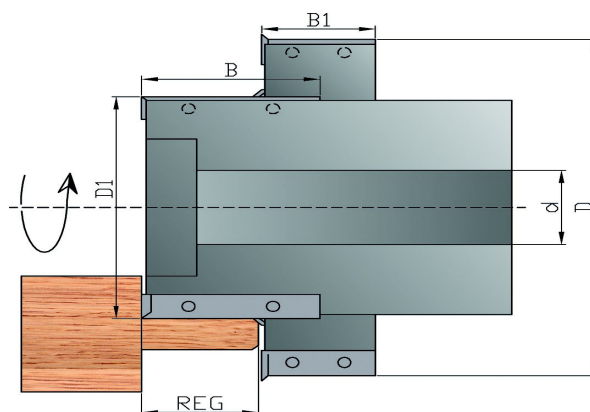
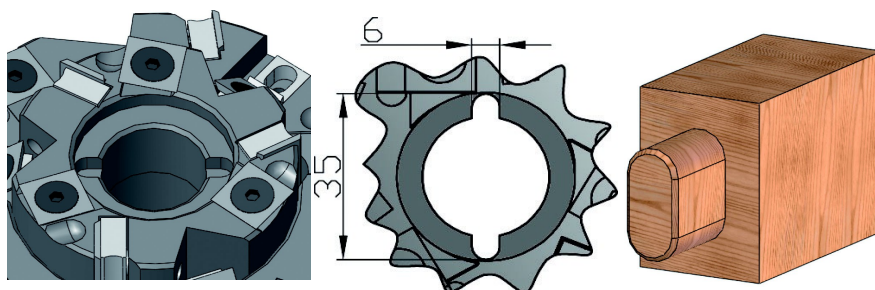
ART.0395



Z=3/3 /HW							
Cod.	D/D1	B/B1	Ri	Sg45°	Reg.	d	Rot.
001	110/70	50/30	3/3	3	5-40	25	RH
002	110/70	50/30	3/3	3	5-40	25	LH

• SPECIFY THE MACHINE BRAND WHEN ORDERING

SPARE PARTS			
Art.	Cod.	Description	
0520	012	reversible inserts	50x12x1,5
0520	008	reversible inserts	30x12x1,5
0540	001	square spurs	14x14x2
0540	001	square spurs 45° position	14x14x2



TECHNICAL SPECIFICATIONS

Cutterheads set with HW (integral tungsten carbide) reversible inserts, composed of 1 hogger Z=3 + 3 Ri + 3 Sp 45° and 1 cutter Z=3 + 3 Ri, permitting a tenon adjustment from 5 to 40 mm by regulation screw. Suitable for machines: BACCI, GREDA, PADE and BALESTRINI .

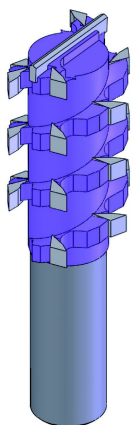
APPLICATION

DOUBLE TENONING MACHINE



MULTICUT SPIRAL ROUTER BITS TO DRILL AND EDGE

ART.0410



Z=3 / Hc				
Cod.	D	B	Att.	Z
001	20	45	D=20X50	3 + 1
002	20	45	D=12x35	3 + 1
003	20	45	CM2 FIL.20X14F/1"	3 + 1
004	20	45	CM2 M30x1,5	3 + 1
005	20	45	CM3 M30X1,5	3 + 1

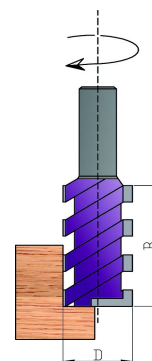
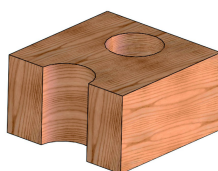
Z=6 / Hc				
Cod.	D	B	Att.	Z
006	30	60	20x50	6 + 1
007	30	60	CM2 FIL.20X14F/1"	6 + 1
008	30	60	CM2 M30 X 1,5	6 + 1
009	30	60	CM3 M30 X 1,5	6 + 1

TECHNICAL SPECIFICATIONS

Router bits with 3 or 6 fractioned cutting edges in Hc (brazen tungsten carbide), positioned on a spiral design. This execution permits a considerable increase of feed speed. Suitable for plunging and drilling operations, on soft and hard wood, plywood.

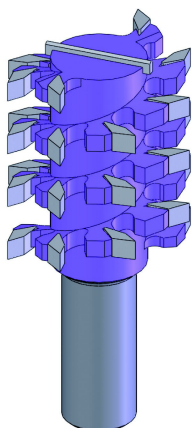
APPLICATION

ROUTER

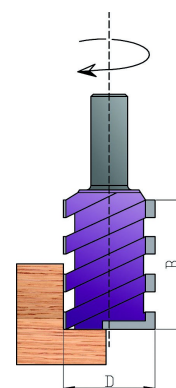
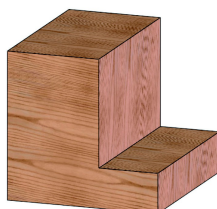


MULTICUT SPIRAL ROUTER BITS TO EDGE

ART.0415



Z=8 / Hc				
Cod.	D	B	Att.	Z
001	50	60	D=20X50	8
002	50	60	CM2 M30X1,5	8
003	50	60	CM3 M30X1,5	8



TECHNICAL SPECIFICATIONS

Router bits with 8 fractioned cutting edges in Hc (brazen tungsten carbide), positioned on a spiral design. This execution allows a remarkable noise and energy reduction and permits a considerable increase of feed speed. Suitable for edging operations, on soft and hard wood, plywood.

APPLICATION

ROUTER



NOISE



ENERGY



ADVANCING SPEED



FRACTIONATION OF THE CHIP



MAINTENANCE



HW (integral tungsten carbide) HELICAL ROUTER BITS Z=1

ART.0420



Z=1

Cod.	D	B	LTT	Z
001	3	12	40	1
002	4	12	50	1
003	5	17	50	1
004	6	17	60	1
005	6	27	60	1
006	8	22	80	1
007	8	32	80	1
008	10	32	80	1
009	10	42	100	1
010	12	32	80	1
011	12	42	100	1
012	12	52	100	1
013	14	42	100	1
014	14	52	100	1

TECHNICAL SPECIFICATIONS

Router bits for finish operation on soft and hard wood, MDF, chipboard, plywood.

APPLICATION

ROUTER

- SPECIFY ROTATION SENSE (RH OR LH) WHEN ORDERING
- SPECIFY HELIX TYPE (POSITIVE OR NEGATIVE) WHEN ORDERING
- SPECIAL SIZES BY REQUEST



HW (integral tungsten carbide) HELICAL ROUTER BITS Z=2

ART.0423



Z=2

Cod.	D	B	LTT	Z
001	3	12	40	2
002	4	15	40	2
003	5	17	50	2
004	6	17	50	2
005	6	27	60	2
006	8	22	70	2
007	8	32	80	2
008	10	32	80	2
009	10	42	100	2
010	12	32	80	2
011	12	42	100	2
012	12	52	100	2
013	14	42	100	2
014	14	52	100	2
015	16	42	100	2
016	16	52	100	2
017	16	62	110	2
018	18	52	100	2
019	18	75	120	2
020	20	52	100	2
021	20	75	120	2

TECHNICAL SPECIFICATIONS

Router bits for finishing operation on soft and hard wood, MDF, chipboard, plywood.

APPLICATION

ROUTER

- SPECIFY ROTATION SENSE (RH OR LH) WHEN ORDERING
- SPECIFY HELIX TYPE (POSITIVE OR NEGATIVE) WHEN ORDERING
- SPECIAL SIZES BY REQUEST



HW (integral tungsten carbide) HELICAL ROUTER BITS Z=3

ART.0425



Z=3

Cod.	D	B	LTT	Z
001	8	22	70	3
002	8	32	80	3
003	10	32	80	3
004	10	42	100	3
005	12	32	80	3
006	12	42	100	3
007	12	52	100	3
008	14	42	100	3
009	14	52	100	3
010	16	42	100	3
011	16	52	100	3
012	16	62	110	3
013	18	52	100	3
014	18	75	120	3
015	20	52	100	3
016	20	75	120	3

TECHNICAL SPECIFICATIONS

Router bits for finish operation on soft and hard wood, MDF, chipboard, plywood.

APPLICATION

ROUTER

- SPECIFY ROTATION SENSE (RH OR LH) WHEN ORDERING
- SPECIFY HELIX TYPE (POSITIVE OR NEGATIVE) WHEN ORDERING
- SPECIAL SIZES BY REQUEST



HW (integral tungsten carbide) HELICAL ROUTER BITS Z=3 WITH CHIPBREAKER

ART.0428



Z=3+R

Cod.	D	B	LTT	Z
001	8	22	70	3+R
002	8	32	80	3+R
003	10	32	80	3+R
004	10	42	100	3+R
005	12	32	80	3+R
006	12	42	100	3+R
007	12	52	100	3+R
008	14	42	100	3+R
009	14	52	100	3+R
010	16	42	100	3+R
011	16	52	100	3+R
012	16	62	110	3+R
013	18	52	100	3+R
014	18	75	120	3+R
015	20	52	100	3+R
016	20	72	120	3+R

TECHNICAL SPECIFICATIONS

Router bits for finish operation on soft and hard wood, MDF, chipboard, plywood.

APPLICATION

ROUTER

- SPECIFY ROTATION SENSE (RH OR LH) WHEN ORDERING
- SPECIFY HELIX TYPE (POSITIVE OR NEGATIVE) WHEN ORDERING
- SPECIAL SIZES BY REQUEST



HW(integral tungsten carbide) HELICAL ROUTER BITS WITH POSITIVE AND NEGATIVE HELIX

ART.0430



Z=1+1
Z=2+2

TECHNICAL SPECIFICATIONS

Router bits for finish operations on panels, MDF, chipboard, plywood HW (integral tungsten carbide) execution. Especially recommended for edging execution with an excellent surface quality at high advancing speed and an excellent finishing on both sides of panel.

APPLICATION

ROUTER

Cod.	D	B	LTT	Z
001	6	17	60	1+1
002	6	27	60	1+1
003	8	22	80	1+1
004	8	32	80	1+1
005	10	32	80	1+1
006	10	42	100	1+1
007	12	42	100	1+1
008	12	52	100	1+1
009	16	52	100	1+1
010	8	22	80	2+2
011	8	32	80	2+2
012	10	32	80	2+2
013	10	42	100	2+2
014	12	42	100	2+2
015	12	52	100	2+2
016	14	42	100	2+2
017	14	52	110	2+2
018	16	42	100	2+2
019	16	52	100	2+2
020	16	72	120	2+2
021	18	52	100	2+2
022	18	72	120	2+2
023	18	102	150	2+2
024	20	52	100	2+2
025	20	72	120	2+2

- SPECIFY ROTATION SENSE (RH OR LH) WHEN ORDERING
- SPECIFY HELIX TYPE (POSITIVE OR NEGATIVE) WHEN ORDERING
- SPECIAL SIZES BY REQUEST



HW(integral tungsten carbide) HELICAL ROUTER BITS FOR LOCKS

ART.0435



Z=3
Z=3+R

TECHNICAL SPECIFICATIONS

Router bits especially recommended for door-lock executions.

APPLICATION

ROUTER

Cod.	D	B	LTT	Z
001	14	45	150	3
002	16	45	150	3
003	18	45	150	3
004	14	45	150	3+R
005	16	45	150	3+R
006	18	45	150	3+R

- SPECIFY ROTATION SENSE (RH OR LH) WHEN ORDERING
- SPECIFY HELIX TYPE (POSITIVE OR NEGATIVE) WHEN ORDERING
- SPECIAL SIZES BY REQUEST



HSS HELICAL ROUTER BITS WITH CHIPBREAKER

ART.0438



Z=3+R / HS					
Cod.	D	B	Att.	LTT	Z
001	40	160	D=30x60	235	3+R
002	40	195	D=30x60	270	3+R

- SPECIFY ROTATION SENSE (RH OR LH) WHEN ORDERING
- SPECIFY HELIX TYPE (POSITIVE OR NEGATIVE) WHEN ORDERING
- SPECIAL SIZES BY REQUEST

TECHNICAL SPECIFICATIONS

HS (HSS) routers bits recommended for drilling and edging operations at high advancing speed and for roughing operations on soft and hard wood, chipboard, plywood.

APPLICATION

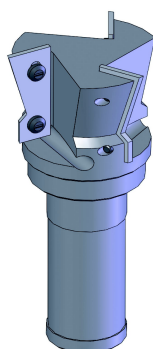
TIMBER CUTTING MACHINE



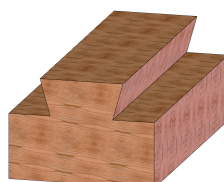
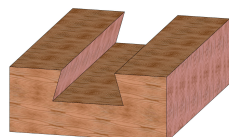
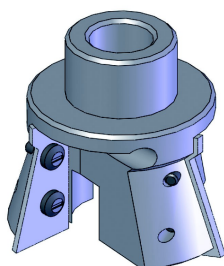
ROUTER BITS FOR "DOVETAIL" JOINTS

ART.0439

Ref. "a"



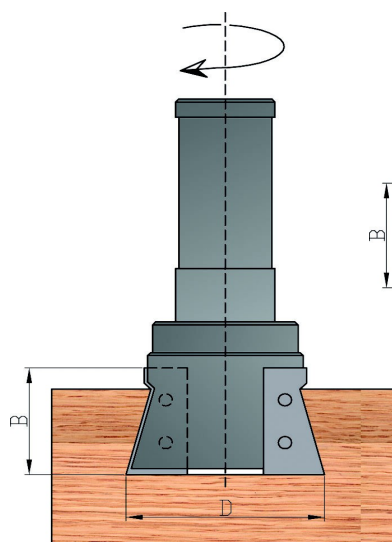
Ref. "b"



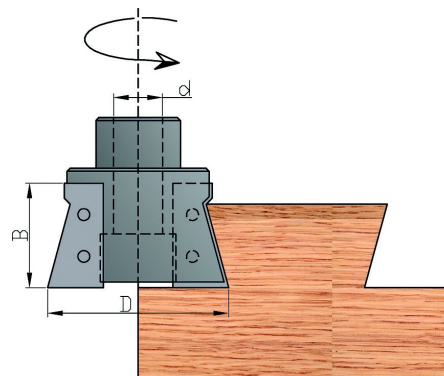
Z=3 / HW					
Cod.	D	B	Att.	LTT	Ref.
001	60	40	D=30x60	130	a
002	60	35	d=16,2 for scw M16	57	b

SPARE PARTE				
Art.	Cod.	Description		Ref.
0439	010	set 3 profiled knives A/B/C	40x20x2	a
0439	011	set 3 profiled knives A/B/C	35x20x2	b

Ref. "a"



Ref. "b"



TECHNICAL SPECIFICATIONS

Z3 router bits for execution of "dovetail" joints on wooden beams.

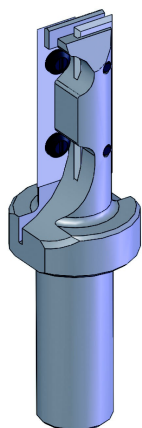
APPLICATION

TIMBER CUTTING MACHINE



INSERT ROUTER CUTTERS TO DRILL AND EDGE

ART.0460



TECHNICAL SPECIFICATIONS

Router cutters composed of 2 HW (integral tungsten carbide) inserts, 1,5 mm thickness and 1 head cutting HW (integral tungsten carbide) tip to drill and edge.

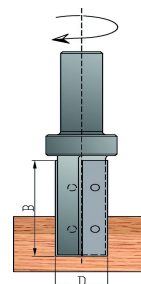
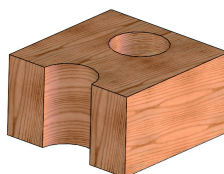
Particularly indicated for hard, soft, glued wood, chipboard, MDF, panels etc...

APPLICATION

ROUTER

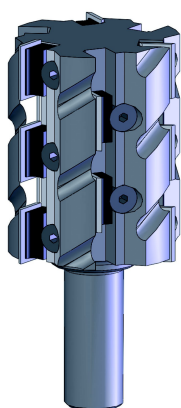
Z=2+1 / HW				
Cod.	D	B	Att.	Z
001	21	50	D=20X50	2+1
002	22	50	D=20X50	2+1
003	23	50	D=20X50	2+1
004	24	50	D=20X50	2+1
005	25	50	D=20X50	2+1
006	26	50	D=20X50	2+1
007	27	50	D=20X50	2+1
008	28	50	D=20X50	2+1
009	29	50	D=20X50	2+1
010	30	50	D=20X50	2+1

SPARE PARTS			
Art.	Cod.	Description	
0520	028	reversible inserts	50x12x1,5



HELICAL ROUTER CUTTERS TO EDGE

ART.0472



TECHNICAL SPECIFICATIONS

Router cutters with reversible inserts in HW (integral tungsten carbide) 19,7x12x1,5 mm with bevelled angles 35°, positioned on seat with spiral movement, with 3 principles helical.

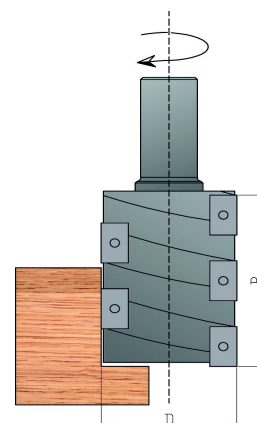
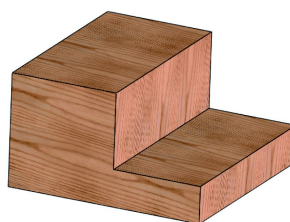
This execution allows a remarkable noise and energy reduction and permits a considerable increase of feed speed.

APPLICATION

ROUTER

Z=6 / HW			
Cod.	D	B	Att.
001	60	80	D=20X50
002	80	80	D=20X50
003	100	80	D=25X50
004	120	80	D=25X50

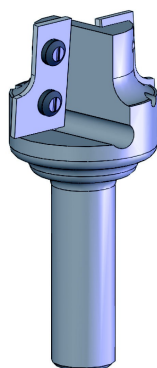
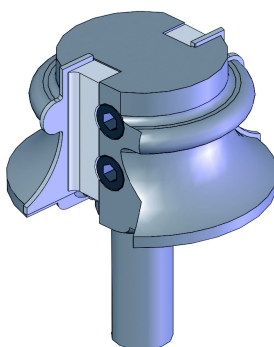
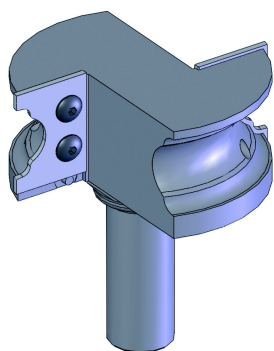
SPARE PARTS			
Art.	Cod.	Description	
0535	001	reversible inserts with bevelled angles 35°	20x12x1,5



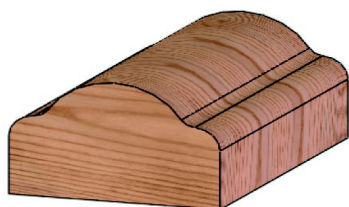


PROFIED ROUTER CUTTERS

ART.0475



WOOD PROFILES EXAMPLES



TECHNICAL SPECIFICATION

Router cutters with 2 HW (integral tungsten carbide) profiled knives, 2 mm thickness.

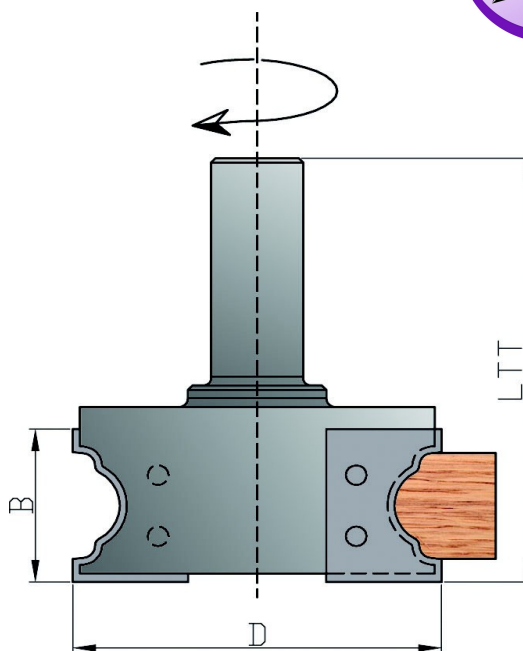
Suitable for edging execution on all type of wood, chipboard, MDF etc...

APPLICATION

ROUTER

Z=2 / HW				
Cod.	D	B	Att.	Z
001	40	20	D=20/25X50	2
002	40	30	D=20/25X50	2
003	40	40	D=20/25X50	2
004	40	50	D=20/25X50	2
005	40	60	D=20/25X50	2
006	60	20	D=20/25X50	2
007	60	30	D=20/25X50	2
008	60	40	D=20/25X50	2
009	60	50	D=20/25X50	2
010	60	60	D=20/25X50	2
011	80	20	D=20/25X50	2
012	80	30	D=20/25X50	2
013	80	40	D=20/25X50	2
014	80	50	D=20/25X50	2
015	80	60	D=20/25X50	2
016	100	20	D=20/25X50	2
017	100	30	D=20/25X50	2
018	100	40	D=20/25X50	2
019	100	50	D=20/25X50	2
020	100	60	D=20/25X50	2

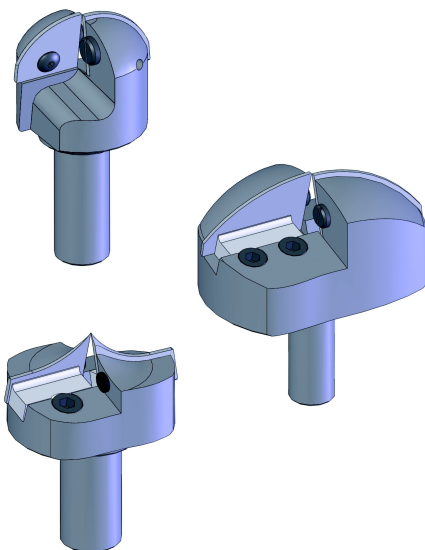
SPARE PARTS		
Cod.	Description	
0560	profiled knives	Ref. Art. 0560





PROFIED ROUTER CUTTERS – HEAD CUTTINGS

ART.0476



Z=2 / HW				
Art.	Cod.	D	B	Att.
0476	001	60	30	D=20/25X50
0476	002	80	30	D=20/25X50
0476	003	100	30	D=20/25X50
0476	004	60	35	D=20/25X50
0476	005	80	35	D=20/25X50
0476	006	100	35	D=20/25X50
0476	007	60	40	D=20/25X50
0476	008	80	40	D=20/25X50
0476	009	100	40	D=20/25X50

SPARE PARTS		
Cod.	Description	Ref. Art.
0560	profiled knives	0560

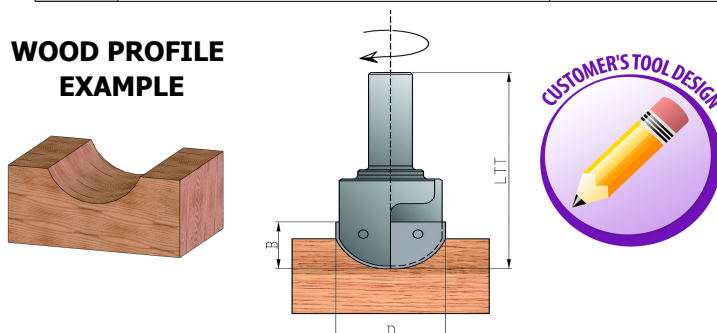
TECHNICAL SPECIFICATION

Router cutters with 2 HW (integral tungsten carbide) profiled knives, 2 mm thickness. Suitable for edging execution on all type of wood, chipboard, MDF etc...

APPLICATION

ROUTER

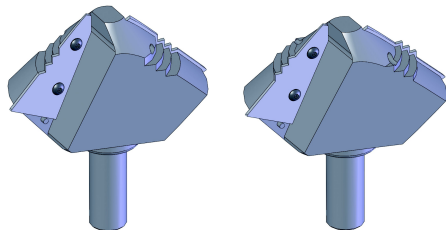
WOOD PROFILE EXAMPLE



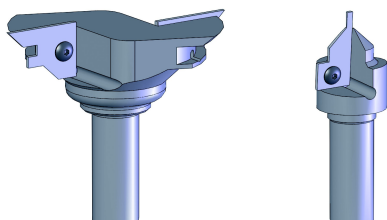
ROUTER CUTTERS FOR JOINTS 45°

ART.0477

Ref. "a" and "b"



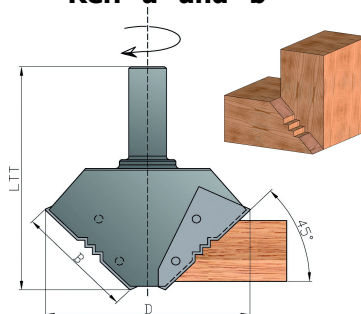
Ref. "c" and "d"



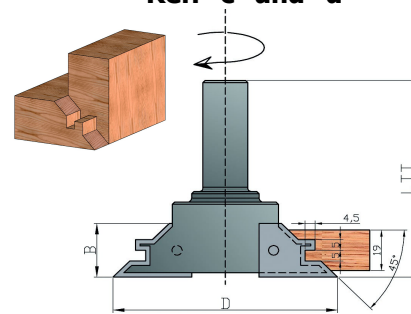
Z=2 / HW				
Cod.	D	B	Att.	Ref.
001	110	40	D=20/25X50	a
002	110	40	D=20/25X50	b
003	100	20	D=20/25X50	c
004	35	20	D=20/25X50	d

SPARE PARTS				
Art.	Cod.	Description		Ref.
0477	010	profiled knives	60x30x2	a
0477	011	profiled knives	60x30x2	b
0477	012	profiled knives	25x35x2	c
0477	013	profiled knives	20x35x2	d

Ref. "a" and "b"



Ref. "c" and "d"



TECHNICAL SPECIFICATION

Router cutters with 2 HW (integral tungsten carbide) profiled knives, 2 mm thickness for 45° joints execution

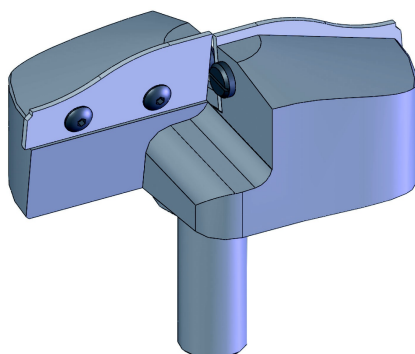
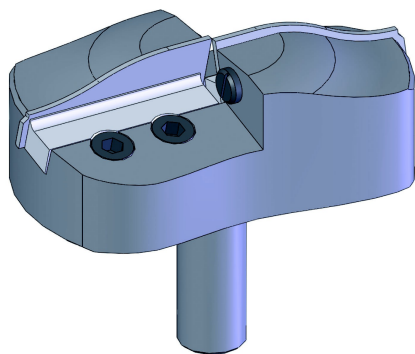
APPLICATION

ROUTER



PANEL RISING ROUTER CUTTERS

ART.0482



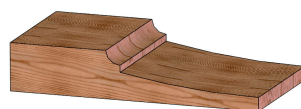
WOOD PROFILES EXAMPLES



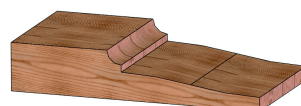
**PROFILE
"1"**



**PROFILE
"2"**



**PROFILE
"3"**



**PROFILE
"4"**

TECHNICAL SPECIFICATION

Router cutters to execute the illustrated shapes, supplied with 1 profile by choice.

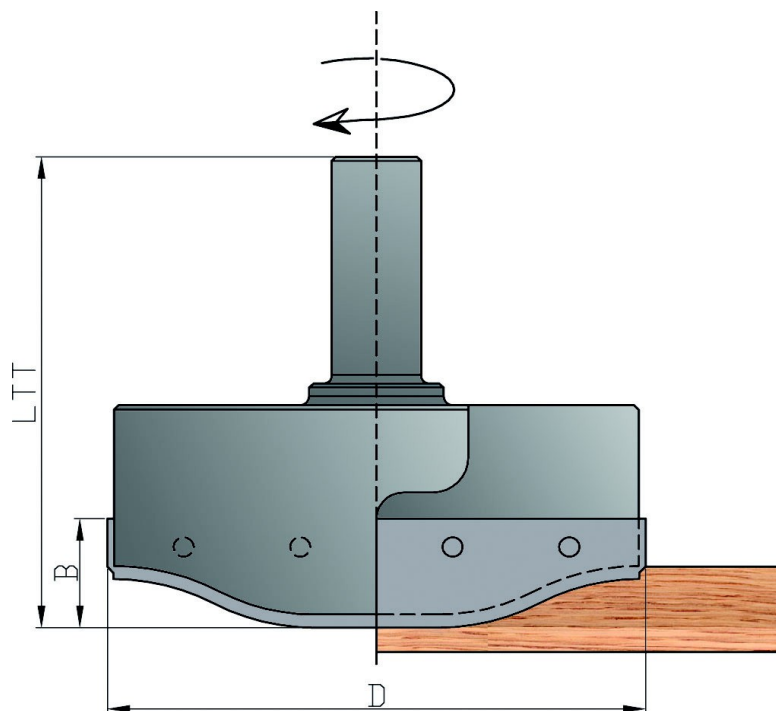
APPLICATION

ROUTER

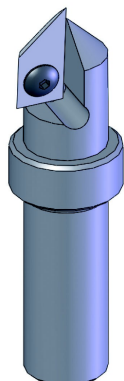
Z=2 / HW			
Cod.	D	B	Att.
001	120	25	D= 20/25x50

• EXECUTION SPECIAL PROFILES BY REQUEST

SPARE PARTS				
Art.	Cod.	Description		Ref.
0482	010	profiled knives	60x30x2	1
0482	011	profiled knives	60x30x2	2
0482	012	profiled knives	60x30x2	3
0482	013	profiled knives	60x30x2	4



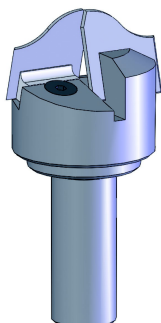
ART. 0485 – TYPE “A”



WOOD PROFILES EXAMPLES



ART. 0485 – TYPE “B”



WOOD PROFILES EXAMPLES



TECHNICAL SPECIFICATION

Router cutters with axial angles with $Z=1$ or $Z=2$ HW (integral tungsten carbide) profiled knives, 1,5 mm thickness (TYPE "A") and 2 mm thickness (TYPE "B")

Router cutters to execute the illustrated shapes, supplied with 1 profile by choice.

Particulary indicated for internal and decoration workings on all type of wood, chipboard and MDF.

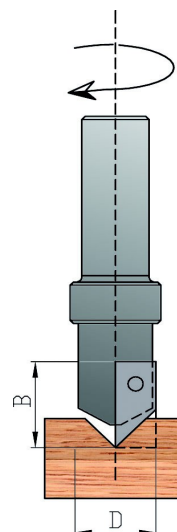
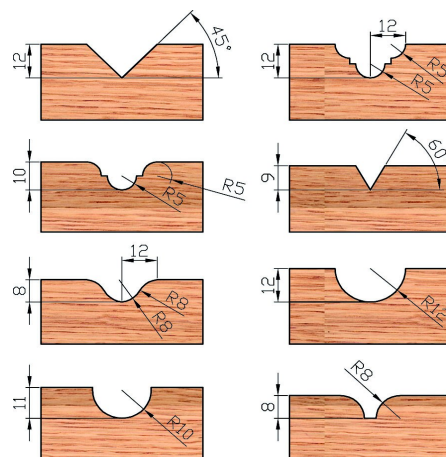
APPLICATION

ROUTER

Z=1 / HW – TYPE "A"

Cod.	D	B	Att.
008	24	25	D=12x35 – D=20/25x50

WOOD PROFILES EXAMPLES -TYPE "A"



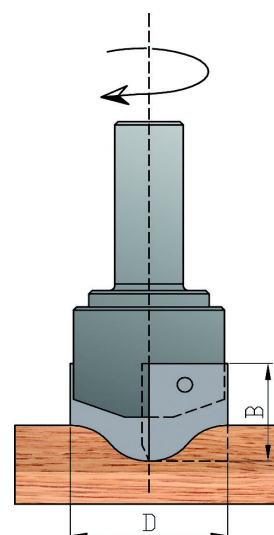
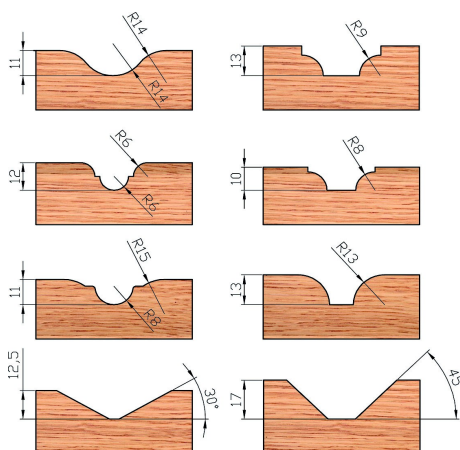
SPARE PARTS

Art.	Cod.	Description	
0550	011	profiled knives	24x12x1,5

Z=2 / HW – TYPE "B"

Cod.	D	B	Att.
009	50	30	D=20/25x50

WOOD PROFILES EXAMPLES -TIPO "B"



SPARE PARTS

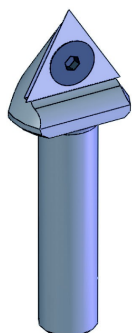
Art.	Cod.	Description	
0560	031	profiled knives	25x30x2



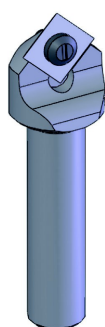
ROUTER CUTTERS FOR BEVELLING AND ENGRAVING

ART.0486

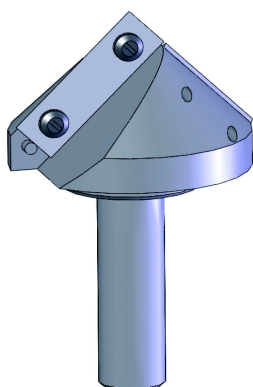
ART. 0486 – TYPE "A"



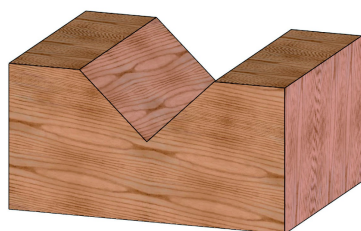
ART. 0486 – TYPE "B"



ART. 0486 – TYPE "C"



WOOD PROFILE EXAMPLE



TECHNICAL SPECIFICATION

Router cutters with reversible inserts for beveling and engraving on panels and MDF.

APPLICATION

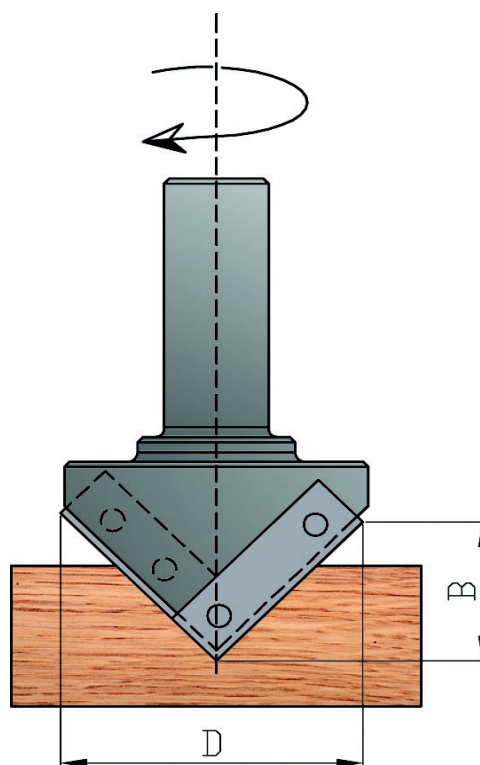
ROUTER

Z=1 / HW – TYPE "A"				
Cod.	D	B	α	Att
001	25	19	60°	D=12x35 – D=20x50

Z=1 / HW – TYPE "B"				
Cod.	D	B	α	Att
002	25	20	90°	D=12x35 – D=20x50

Z=1+1 / HW – TYPE "C"				
Cod.	D	B	α	Att
003	60	28	90°	D=20/25x50

SPARE PARTS				
Art.	Cod.	Description		Ref.
0542	001	triangular spurs	22x19x2	A
0520	020	square spurs	12x12x1,5	B
0520	008	reversible inserts	30x12x1,5	C
0520	010	reversible inserts	40x12x1,5	C

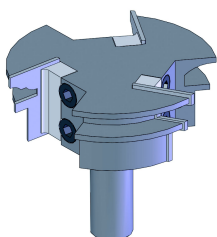




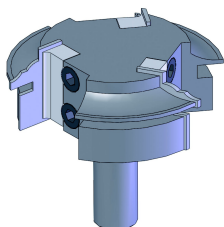
ROUTER CUTTERS SET FOR SOLID WOOD DOOR EXECUTION

ART.0490

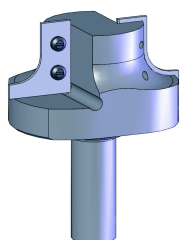
Ref. "a"



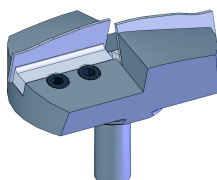
Ref. "b"



Ref. "c"



Ref. "d"



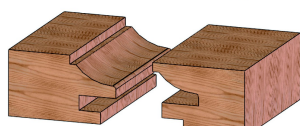
PROFILE
"1"



PROFILE
"2"



PROFILE
"3"



PROFILE
"4"



PROFILE
"5"

TECHNICAL SPECIFICATIONS

Router cutters set for solid wood door execution, with HW (integral tungsten carbide) inserts, to execute the illustrated shapes, supplied with 1 profile by choice. Suitable for all kind of natural woods.

APPLICATION

ROUTER

EXECUTION PROFILE Z=3 / HW

Cod.	D	B	Att.	S	Ref.
040	100	40	D=20/25x50	22/32	a

EXECUTION COUNTER PROFILE Z=3 / HW

Cod.	D	B	Att.	S	Ref.
041	100	40	D=20/25x50	22/32	b

OUTSIDE EDGE EXECUTION Z=2 / HW

Cod.	D	B	Att.	S	Ref.
052	70	35	D=20/25x50	22/32	c

PANEL RISING EXECUTION Z=2 / HW

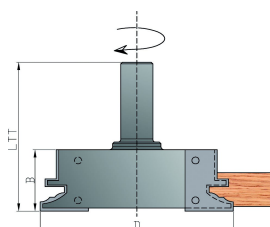
Cod.	D	B	Att.	S	Ref.
053	120	30	D=20/25x50	22/32	d

- POSSIBILITY TO EXECUTE ALL THE PROFILES SHOWN BY THE CHANGING OF PROFILED KNIVES
- EVERY SINGLE ROUTER CUTTER CAN BE ORDERED SEPARATELY

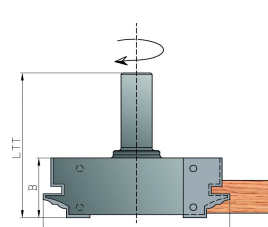
SPARE PARTS

Art.	Cod.	Description		Ref.
0490	042	profiled knives	40x30x2	a/1
0490	043	profiled knives	40x30x2	b/1
0490	044	profiled knives	40x30x2	a/2
0490	045	profiled knives	40x30x2	b/2
0490	046	profiled knives	40x30x2	a/3
0490	047	profiled knives	40x30x2	b/3
0490	048	profiled knives	40x30x2	a/4
0490	049	profiled knives	40x30x2	b/4
0490	050	profiled knives	40x30x2	a/5
0490	051	profiled knives	40x30x2	b/5
0490	054	profiled knives	35x30x2	c
0490	055	profiled knives	60x30x2	d

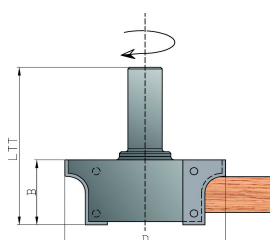
Ref. "a"



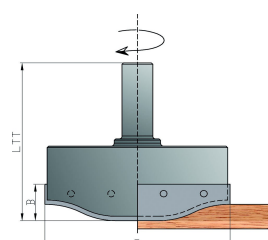
Ref. "b"



Ref. "c"



Ref. "d"

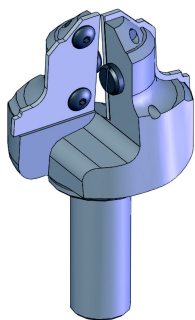




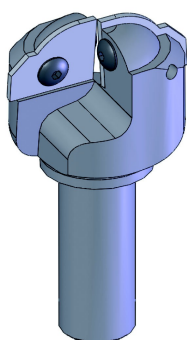
ROUTER CUTTERS SET FOR MDF DOOR EXECUTION

ART.0495

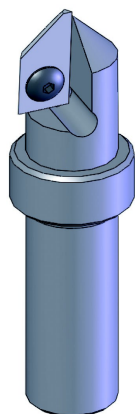
Ref. "a"



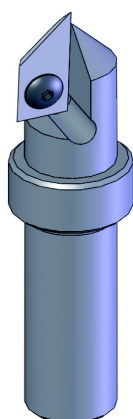
Ref. "b"



Ref. "c"



Ref. "d"



WOOD PROFILE EXAMPLE



TECHNICAL SPECIFICATIONS

Router cutters set for MDF door execution, with HW (integral tungsten carbide) inserts.
Suitable for MDF.

APPLICATION

ROUTER

PROFILE AND EXTERNAL EDGE EXECUTION

Cod.	D	B	Att.	Ref.
001	65	40	D=20/25x50	a

PANEL RISING EXECUTION

Cod.	D	B	Att.	Ref.
002	50	20	D=20/25x50	b

INNER PROFILE RADIUS REDUCTION EXECUTION

Cod.	D	B	Att.	Ref.
003	24	25	D=20/25x50	c

INNER PROFILE 90° ANGLE AND EXIT GROOVE EXECUTION

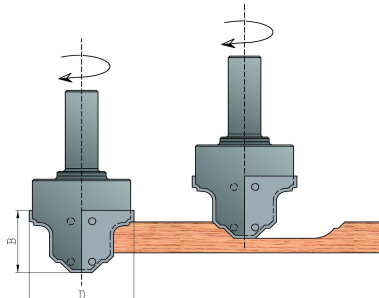
Cod.	D	B	Att.	Ref.
004	24	25	D=20/25x50	d

- POSSIBILITY TO EXECUTE ALL THE PROFILES SHOWN BY THE CHANGING OF PROFILED KNIVES
- EVERY SINGLE ROUTER CUTTER CAN BE ORDERED SEPARATELY

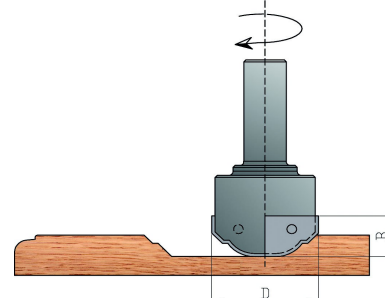
SPARE PARTS

Art.	Cod.	Description		Ref.
0495	010	profiled knives	40x35x2	a
0495	011	profiled knives	25x20x2	b
0495	012	profiled knives	25x12x1,5	c
0495	013	profiled knives	25x12x1,5	d

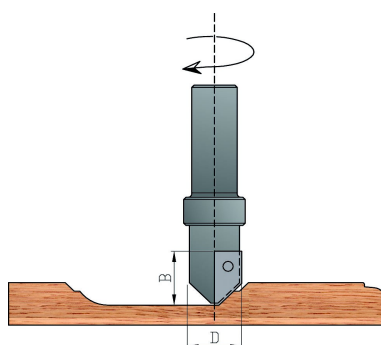
Ref. "a"



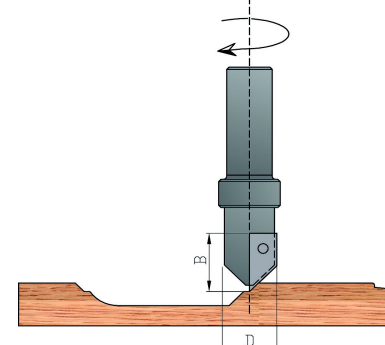
Ref. "b"



Ref. "c"



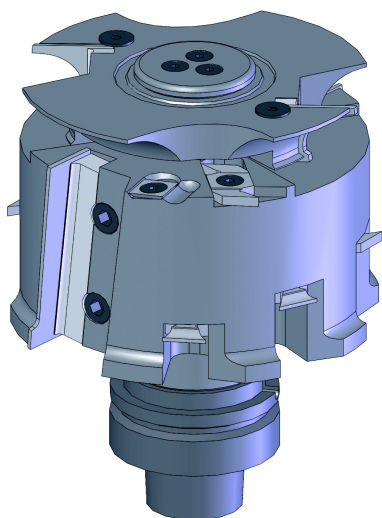
Ref. "d"





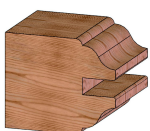
ROUTER CUTTERS SET FOR DOORS EXECUTION CNC

ART.0497

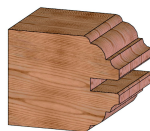


WOOD PROFILES EXAMPLES

PROFILE 1



PROFILE 2



PROFILE 3



PROFILE 4



PROFILE 5



PROFILE 6



PROFILE 7



PROFILE 8



PROFILE 9



PROFILE 10



TECHNICAL SPECIFICATIONS

Set of cutterheads for doors execution on CNC.

The set is supplied with arbour $\varnothing 20 \times 50$. Router cutters to execute the illustrated shapes, supplied with 1 profile by choice. Suitable for hard and soft wood.

APPLICATION

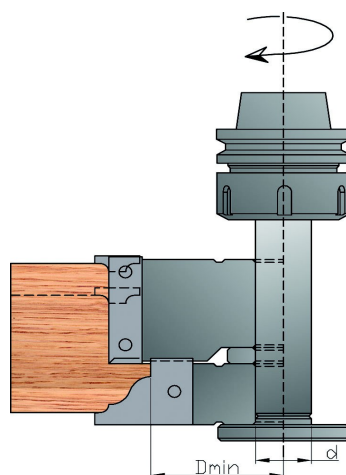
ROUTER

Cod.	D.min	Z	Description	Ref.
014	96	2+2	jamb and cross-piece with bead removal profiling	a
015	96	2+2	cutter set for counter profile for bead removal	b
016	96	2+2	cutter set for bead profile	c
017	96	2+2	cutter set for outside door squaring	d

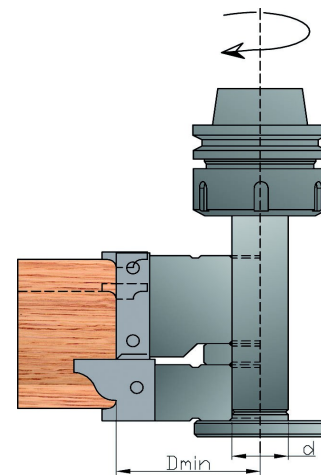
• ARBOUR ISO 30/ISO 40 OR HSK NOT INCLUDED

SPARE PARTS				
Art.	Cod.	Description		Ref.
0560	031	profiled knives	25x30x2	a
0520	010	reversible inserts	40x12x1,5	a/b
0560	031	profiled knives	25x30x2	b
0560	031	profiled knives	25x30x2	c
0520	001	reversible inserts	7,5x12x1,5	c
0560	031	profiled knives	25x30x2	d
0560	061	profiled knives	40x30x2	d
0545	003	radius shavers	R3	a/b/d
0540	001	square spurs	14x14x2	a/b/c

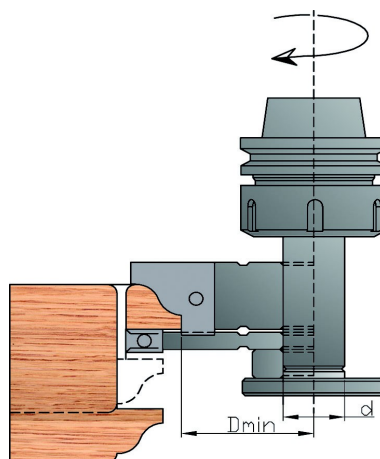
Ref. "a"



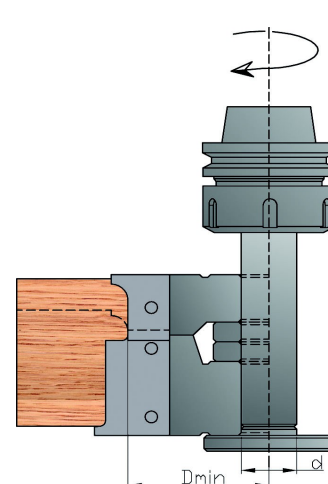
Ref. "b"



Ref. "c"



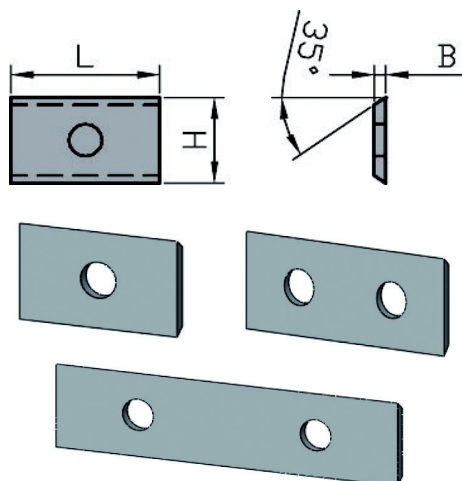
Ref. "d"



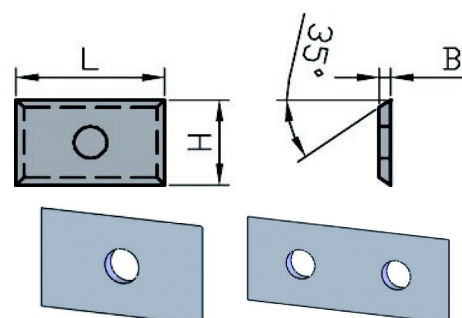


HW (integral tungsten carbide) REVERSIBLE INSERTS

ART.0520



Z=2 / HW	
Cod.	Dimension L x H x B
001	7,5x12x1,5
002	9,6x12x1,5
003	11,6x12x1,5
004	15x12x1,5
005	20x9x1,5
006	20x12x1,5
007	30x9x1,5
008	30x12x1,5
009	40x9x1,5
010	40x12x1,5
011	50x9x1,5
012	50x12x1,5
013	60x12x1,5
014	80x13x2,2
015	35x8x1,5
016	50x8x1,5
017	25x12x1,5-1f
018	25x12x1,5-2f



TECHNICAL SPECIFICATIONS

HW (integral tungsten carbide)

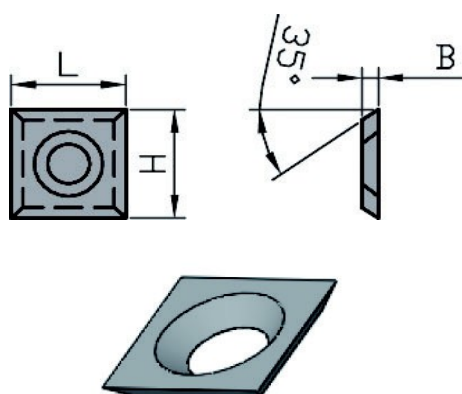
inserts with 2 or 4 cutting edges 35° clearance, completely refaced with centesimal tolerances. Suitable for soft, hard and glued wood

Z=4 / HW	
Cod.	Dimension L x H x B
019	10,5x10,5x1,5
020	12x12x1,5
021	20x9x1,5
022	20x12x1,5
023	30x9x1,5
024	30x12x1,5
025	40x9x1,5
026	40x12x1,5
027	50x9x1,5
028	50x12x1,5
029	60x12x1,5
030	80x13x2,2



HW (integral tungsten carbide) SQUARE SPURS

ART.0540



Z=4	
Cod.	Dimension L x H x B
001	14x14x2
002	14x14x1,2
005	10,5x10,5x1,5

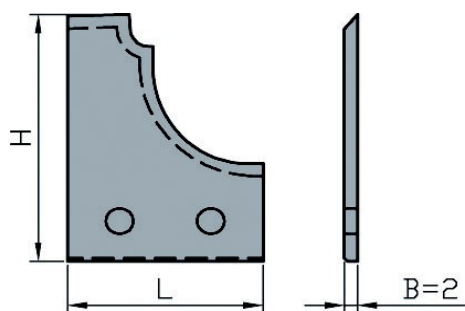
Z=4	
Cod.	Dimension L x H x B
003	14x14x2 / HW MICROGRAIN PLUS

Z=4	
Cod.	Dimension L x H x B
004	14x14x2 / HM MICROGRAIN ULTRA

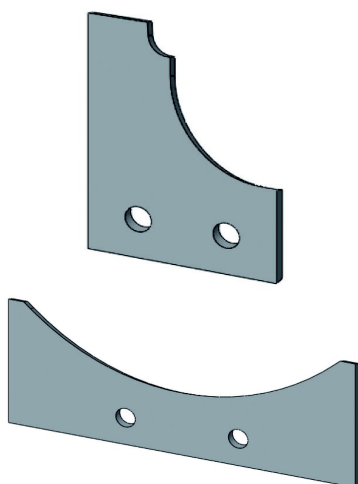


HW (integral tungsten carbide) PROFILED KNIVES -2 MM THICKNESS

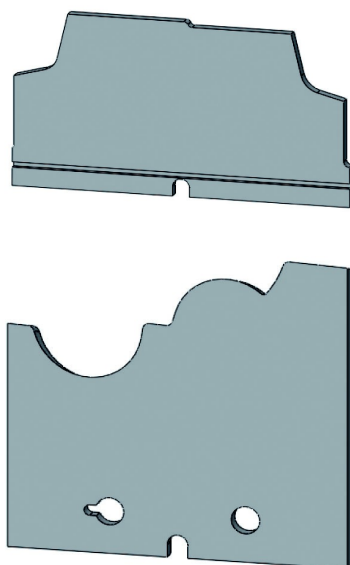
ART.0560



**PROFILES EXAMPLES WITH
STANDARD FIXING SYSTEM**



**PROFILES EXAMPLES DIFFERENT
FIXING SISTEM**



TECHNICAL SPECIFICATIONS

HW (integral tungsten carbide) profiled knives 2 mm. thickness.
Suitable for all type of wood: hard wood, glued panels, chiboard, plywood, laminated panels etc...

Z=2 /HW					
Dimension	6pcs	12pcs	24pcs	48pcs	60pcs
LxHxB	Cod.	Cod.	Cod.	Cod.	Cod.
15x15x2	126	127	128	129	130
15x20x2	001	002	003	004	005
15x25x2	006	007	008	009	010
15x30x2	131	132	133	134	135
20x20x2	136	137	138	139	140
20x25x2	011	012	013	014	015
20x30x2	016	017	018	019	020
20x35x2	021	022	023	024	025
25x20x2	141	142	143	144	145
25x25x2	026	027	028	029	030
25x30x2	031	032	033	034	035
25x35x2	036	037	038	039	040
30x20x2	146	147	148	149	150
30x25x2	041	042	043	044	045
30x30x2	046	047	048	049	050
30x35x2	051	052	053	054	055
30x40x2	151	152	153	154	155
35x25x2	156	157	158	159	160
35x30x2	161	162	163	164	165
35x35x2	166	167	168	169	170
35x40x2	171	172	173	174	175
40x20x2	176	177	178	179	180
40x25x2	056	057	058	059	060
40x30x2	061	062	063	064	065
40x35x2	066	067	068	069	070
40x40x2	071	072	073	074	075
50x20x2	181	182	183	184	185
50x25x2	076	077	078	079	080
50x30x2	081	082	083	084	085
50x35x2	086	087	088	089	090
50x40x2	091	092	093	094	095
60x20x2	186	187	188	189	190
60x25x2	191	192	193	194	195
60x30x2	096	097	098	099	100
60x35x2	101	102	103	104	105
60x40x2	106	107	108	109	110
80x20x2	196	197	198	199	200
80x25x2	201	202	203	204	205
80x30x2	111	112	113	114	115
80x35x2	116	117	118	119	120
80x40x2	121	122	123	124	125

- MINIMUM QUANTITY 6 PCS
- ADD DETAILED DRAWING OR KNIFE SAMPLE WHEN ORDERING
- SPECIFY THE MATERIAL WHEN ORDERING
- REALIZATION OF KNIVES WITH OTHER KIND OF FIXING SISTEM BY REQUEST
- POSSIBILITY TO HAVE 3 MM TICKNESS KNIVES



HS (HSS) CARVING BITS FLAT BOTTOM Z=1

ART.0600



Z=1 / HS (HSS)					
Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
001	002	2	12	90	D=11x50
003	004	3	14	90	D=11x50
005	006	4	17	90	D=11x50
007	008	5	22	90	D=11x50
009	010	6	26	90	D=11x50
011	012	8	32	90	D=11x50
013	014	10	37	90	D=11x50
015	016	12	40	90	D=11x50
017	018	14	40	90	D=11x50
019	020	16	40	90	D=11x50

Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
031	032	2	10	60	D=8x30
033	034	4	14	60	D=8x30
035	036	6	18	60	D=8x30
037	038	8	25	60	D=8x30

TECHNICAL SPECIFICATIONS

Integral HS (HSS) bits with 1 straight cutting edge up to D=8, axially inclined from D=10 on. Tool suitable for not glued soft and hard wood working.

APPLICATION

CARVING MACHINE



HS (HSS) CARVING BITS ROUND BOTTOM Z=1

ART.0602



Z=1 / HS (HSS)					
Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
001	002	2	12	90	D=11x50
003	004	3	14	90	D=11x50
005	006	4	17	90	D=11x50
007	008	5	22	90	D=11x50
009	010	6	26	90	D=11x50
011	012	8	32	90	D=11x50
013	014	10	37	90	D=11x50
015	016	12	40	90	D=11x50
017	018	14	40	90	D=11x50
019	020	16	40	90	D=11x50

Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
031	032	2	10	60	D=8x30
033	034	4	14	60	D=8x30
035	036	6	18	60	D=8x30
037	038	8	25	60	D=8x30

TECHNICAL SPECIFICATIONS

Integral HS (HSS) bits with 1 straight cutting edge up to D=8, axially inclined from D=10 on. Tool suitable for not glued soft and hard wood working.

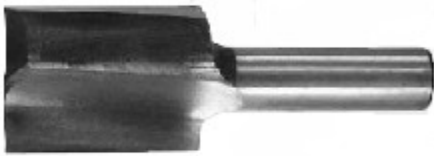
APPLICATION

CARVING MACHINE



HS (HSS) CARVIN BITS FLAT BOTTOM Z=2

ART.0605



TECHNICAL SPECIFICATIONS

Integral HS (HSS) bits with 2 shear angle cutting edges, back grinding for easier chip clearance.

Tool suitable for not glued, soft and hard wood working

APPLICATION

CARVING MACHINE

Z=2 / HS (HSS)					
Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
001	002	10	37	90	D=11x50
003	004	12	40	90	D=11x50
005	006	14	40	90	D=11x50
007	008	16	40	90	D=11x50
009	010	18	40	90	D=11x50
011	012	20	40	90	D=11x50
013	014	22	40	90	D=11x50
015	016	24	40	90	D=11x50
Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
031	032	10	35	60	D=8x30
033	034	12	35	60	D=8x30
035	036	14	35	60	D=8x30



HS (HSS) CARVING BITS ROUND BOTTOM Z=2

ART.0608



TECHNICAL SPECIFICATIONS

Integral HS (HSS) bits with 2 shear angle cutting edges, back grinding for easier chip clearance.

Tool suitable for not glued soft and hard wood working.

APPLICATION

CARVING MACHINE

Z=2 / HS (HSS)					
Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
001	002	10	37	90	D=11x50
003	004	12	40	90	D=11x50
005	006	14	40	90	D=11x50
007	008	16	40	90	D=11x50
009	010	18	40	90	D=11x50
011	012	20	40	90	D=11x50
013	014	22	40	90	D=11x50
015	016	24	40	90	D=11x50
Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
031	032	10	35	60	D=8x30
033	034	12	35	60	D=8x30
035	036	14	35	60	D=8x30



HS (HSS) CARVING BITS ARROW BOTTOM

ART.0610



TECHNICAL SPECIFICATIONS

Integral HS (HSS) bits with 1 or 2 shear angle cutting edges, back grinding for easier chip clearance.

Tool suitable for not glued soft and hard wood working.

APPLICATION

CARVING MACHINE

Z=1 / HS (HSS)					
Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
001	002	10	37	90	D=11x50
Z=2 / HS (HSS)					
Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
003	004	10	37	90	D=11x50
005	006	12	40	90	D=11x50
007	008	14	40	90	D=11x50
009	010	16	40	90	D=11x50

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MORTISING BITS Z=2

ART.0640



Z=2 / HS (HSS)			
Att. D=13x50	Att. D=16x50	D	LTT
Cod.	Cod.		
001	002	6	100
003	004	7	100
005	006	8	100
007	008	9	100
009	010	10	110
011	012	11	110
013	014	12	110
015	016	13	110
017	018	14	110
019	020	15	110
021	022	16	110
Z=2 / Hc			
Att. D=13x50	Att. D=16x50	D	LTT
Cod.	Cod.		
031	032	6	100
033	034	7	100
035	036	8	100
037	038	9	100
039	040	10	110
041	042	11	110
043	044	12	110
045	046	13	110
047	048	14	110
049	050	15	110
051	052	16	110

TECHNICAL SPECIFICATIONS

Ambidextrous mortise bits with 2 cutting edges head grinded only.

- HS (HSS) for not glued soft and hard wood.
- Hc (brazed tungsten carbide) for natural wood, wood by-products, laminated panels etc...

APPLICATION

MORTISING MACHINE

- SPECIFY Hc OR HS EXECUTION WHEN ORDERING



MORTISING BITS Z=4

ART.0642



Z=4 / HS (HSS)			
Att. D=13x50	Att. D=16x50	D	LTT
Cod.	Cod.		
001	002	6	100
003	004	7	100
005	006	8	100
007	008	9	100
009	010	10	110
011	012	11	110
013	014	12	110
015	016	13	110
017	018	14	110
019	020	15	110
021	022	16	110
023	024	18	110
025	026	20	110
031	032	1/4"	100
033	034	3/8"	100
035	036	3/4"	110

TECHNICAL SPECIFICATIONS

Ambidextrous mortise bits with 4 cutting edges head grinded only.

HS (HSS) for not glued soft and hard wood.

APPLICATION

MORTISING MACHINE



DOWEL DRILL BITS

ART.0694



TECHNICAL SPECIFICATIONS

Router bits with 2 front cutting edges, 2 spurs and central tips for precision drilling and adjustable depth when used together with countersink Art. 0698, for natural wood, wood by-products, laminated panels etc...

APPLICATION

BORING MACHINE

Z=2+2 / Ri (Hc)					
Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
001	002	4	30	57	D=10x20
003	004	5	30	57	D=10x20
005	006	6	30	57	D=10x20
007	008	7	30	57	D=10x20
009	010	8	30	57	D=10x20
011	012	9	30	57	D=10x20
013	014	10	30	57	D=10x20
015	016	12	30	57	D=10x20
017	018	14	30	57	D=10x20
019	020	15	30	57	D=10x20
021	022	16	30	57	D=10x20
023	024	4	45	70	D=10x20
025	026	5	45	70	D=10x20
027	028	6	45	70	D=10x20
029	030	7	45	70	D=10x20
031	032	8	45	70	D=10x20
033	034	9	45	70	D=10x20
035	036	10	45	70	D=10x20
037	038	12	45	70	D=10x20
039	040	14	45	70	D=10x20
041	042	15	45	70	D=10x20
043	044	16	45	70	D=10x20

• SPECIFY ROTATION SENSE WHEN ORDERING



THROUGH HOLE DRILL BITS

ART.0696



TECHNICAL SPECIFICATIONS

Router bits with 2 spiral cutting edges head grinded. Particularly recommended for through hole drilling on both sides of laminated panels. To be used together with Art 0698 for natural wood, wood by-products, laminated panels etc

APPLICATION

BORING MACHINE

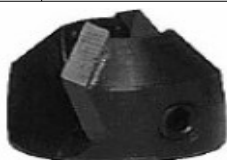
Z=2+2 / Ri (Hc)					
Rot. RH	Rot. LH	D	B	LTT	Att.
Cod.	Cod.				
001	002	5	40	60	D=10x20
003	004	6	40	60	D=10x20
005	006	8	40	60	D=10x20
007	008	10	40	60	D=10x20
009	010	5	50	70	D=10x20
011	012	6	50	70	D=10x20
013	014	8	50	70	D=10x20
015	016	10	50	70	D=10x20

• SPECIFY ROTATION SENSE WHEN ORDERING



COUNTERSINKS FOR DRILL BITS

ART.0698



CARATTERISTICHE TECNICHE

TECHNICAL SPECIFICATIONS

Countersink in Hc (brazed tungsten carbide) with 2 cutting edges, head grinded. For adjustable countersink executions according to hole depth. To be used together with Art. 0694/0696.Hc

APPLICATION

BORING MACHINE

Z=2 / Hc			
Rot. RH	Rot. LH	d	D
Cod.	Cod.		
001	002	4	16
003	004	5	16
005	006	6	16
007	008	7	16
009	010	8	18
011	012	9	18
013	014	10	20
015	016	11	20
017	018	12	20

• SPECIFY ROTATION SENSE WHEN ORDERING

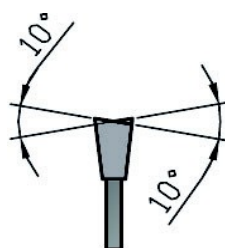


UNIVERSAL CIRCULAR SAW BLADES

ART.0700



ART. 0700 – TYPE "A"



TECHNICAL SPECIFICATIONS

Circular saw blades in Hc (brazed tungsten carbide).

TYPE "A" alternated teeth: to be used along and across grain on soft and hard wood.

TYPE "B" flat - trapezoidal teeth: suitable for sectioning operations on chipboard laminated panels.

APPLICATION

PANEL SAW, CIRCULAR SAW, RADIAL SAW, CUTTING OFF MACHINES

Hc -alternated teeth -TYPE "A"				
Cod.	D	B	Z	d
001	100	3,2	16	20-30
002	125	3,2	24	20-30
003	140	3,2	24	20-30
004	140	3,2	36	30-35
005	150	3,2	18	20-30
006	150	3,2	24	20-30
007	150	3,2	30	20-30
008	150	3,2	36	30-35
009	160	3,2	24	20-30
010	160	3,2	36	30-35
011	180	3,2	24	20-30
012	180	3,2	28	30-35
013	180	3,2	36	30-35
014	180	3,2	40	30-35
015	200	3,2	24	30-35
016	200	3,2	32	30-35
017	200	3,2	40	30-35
018	200	3,2	48	30-35
019	225	3,2	36	30-35
020	250	3,2	24	30-35
021	250	3,2	40	30-35
022	250	3,2	48	30-35
023	250	3,2	60	30-35
024	300	3,2	24	30-35
025	300	3,2	28	30-35
026	300	3,2	48	30-35
027	300	3,2	60	30-35
028	300	3,2	72	30-35
029	320	3,5	72	30-35
030	330	3,5	72	30-35
031	350	3,5	28	30-35
032	350	3,5	36	30-35
033	350	3,5	44	30-35
034	350	3,5	54	30-35
035	350	3,5	72	30-35
036	350	3,5	84	30-35
037	400	4	34	30-35
038	400	4	48	30-35
039	400	3,8	60	30-35
040	400	3,8	80	30-35
041	400	3,8	96	30-35
042	450	4,2	36	35
043	450	4,2	54	35
044	450	4,2	72	35
045	450	4	108	30-35
046	500	4,5	40	35
047	500	4,5	60	35
048	500	4,2	80	35
049	500	4,2	120	35-40
050	550	5,5	56	35-40
051	600	5,5	56	35-40



UNIVERSAL CIRCULAR SAW BLADES

ART.0700



TECHNICAL SPECIFICATIONS

Circular saw blades in Hc (brazed tungsten carbide).

TYPE "A" alternated teeth: to be used along and across grain on soft and hard wood.

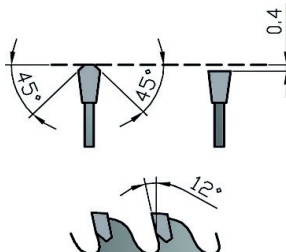
TYPE "B" flat - trapezoidal teeth: suitable for sectioning operations on chipboard laminated panels.

APPLICATION

PANEL SAW, CIRCULAR SAW, RADIAL SAW, CUTTING OFF MACHINES

Hc - flat trapezoidal teeth - TYPE "B"				
Cod.	D	B	Z	d
071	200	3,2	64	30
072	220	3,2	64	30
073	230	3,2	72	20-30
074	250	3,2	60	30
075	250	3,2	80	30
076	300	3,2	72	30
077	300	3,2	96	30
078	350	3,5	54	30-75
079	350	3,5	72	30-75
080	350	3,5	84	30
081	350	3,5	108	30
082	400	3,8	120	30

ART. 0700 – TYPE "B"



SCORING SAW BLADES FOR DOUBLE END TENONERS AND EDGE-BANDING MACHINES

ART.0733



TECHNICAL SPECIFICATIONS

Scoring saw blades in Hc (brazed tungsten Carbide).

For scoring operations on panels laminated with plastic materials or thermic resins.

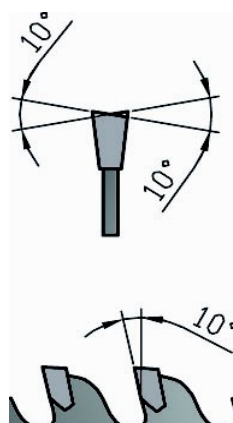
The tool permits a good finishing of both sides of material.

Rotation according to advancing sense of material to be worked.

APPLICATION

DOUBLE END TENONERS,
EDGE - BANDING MACHINE

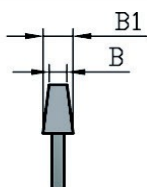
Hc - alternated teeth				
Cod.	D	B	Z	d
001	120	3,5	24	20-30
002	125	3,5	24	20-30
003	125	3,5	30	20-30
004	130	3,5	24	20-30
005	130	3,5	30	20-30
006	150	3,5	24	30-35
007	150	3,5	36	30-35-40-55-60
008	150	3,5	48	30-35-40-55-60
009	160	3,5	36	30-35-40
010	160	3,5	48	30-35-40
011	180	3,5	40	30-35-40
012	200	3,5	48	30-35-40





SCORING SAW BLADES FOR PANEL SAW MACHINE

ART.0735



TECHNICAL SPECIFICATIONS

Scoring saw blades in Hc (brazed tungsten carbide).

For scoring operations on panels laminated on both sides with plastic materials or thermic resins, to avoid chipping.

Rotation according to advancing sense of the material to be worked.

APPLICATION

PANEL SAW MACHINE

Hc - conic teeth				
Cod.	D	B/B1	Z	d
001	80	3,1-4,3	12	20
002	100	3,1-4,3	20	20
003	110	3,1-4,3	24	20
004	115	3,1-4,3	24	20
005	120	3,1-4,3	24	20
006	120	3,4-4,6	24	20
007	125	3,1-4,3	24	20
008	125	3,4-4,6	24	20
009	125	4,3-5,5	24	20-45
010	127	3,4-4,6	24	20-45
011	127	4,3-5,5	24	20-45
012	140	3,4-4,6	24	30-40
013	150	3,4-4,6	24	20-30
014	150	4,3-5,5	24	20-30
015	150	3,4-4,6	36	20-30
016	150	4,3-5,5	36	20-30
017	150	4,3-5,5	36	55+3
018	160	3,4-4,6	36	30-40
019	160	4,3-5,5	36	30-40
020	160	4,3-5,5	36	55+3
021	180	4,3-5,5	30	70+4
022	200	4,3-5,5	36	30-40
023	215	4,3-5,5	36	50+3
024	215	4,3-5,5	60	50+3



SILENCED SAW BLADES FOR ALUMINIUM AND NOT FERROUS LIGHT METALS

ART.0780



TECHNICAL SPECIFICATIONS

Saw blades in Hc (brazed tungsten carbide) for aluminium and non ferrous light metals cutting.

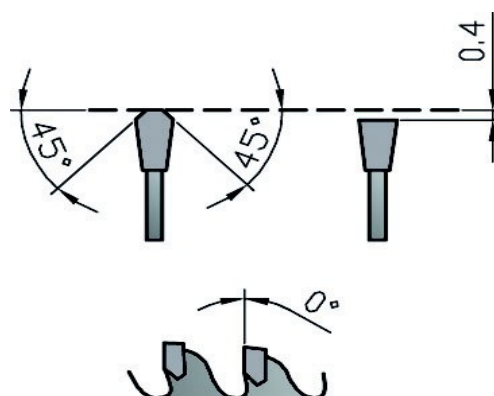
0° cutting angle, suitable for cutting of profiled and full or very thick materials.

The remarkable noise reduction is obtained thanks to the cuts effected in the body of the saw blade, which are filled with sound-proofing material that attenuates the sound waves propagation.

APPLICATION

PANEL SAW AND CUTTING OFF MACHINES FOR ALUMINIUM

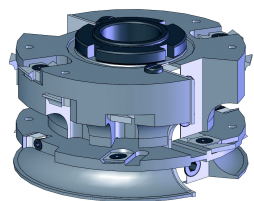
Hc - flat trapezoidal teeth				
Cod.	D	B	Z	d
001	250	3,2	80	32
002	300	3,2	96	32
003	350	3,5	84	32
004	350	3,5	108	32
005	400	3,8	96	32-40
006	450	4	108	32-40



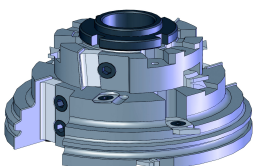


PROGRAMMED CUTTERHEADS FOR WINDOWS "EASY WINDOW" MODEL

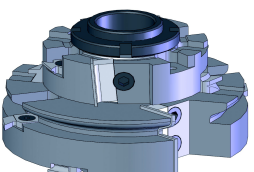
ART.0816



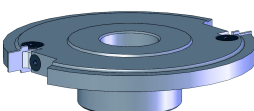
Ref. "a"



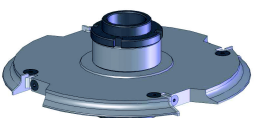
Ref. "b"



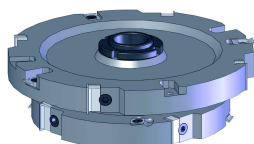
Ref. "c"



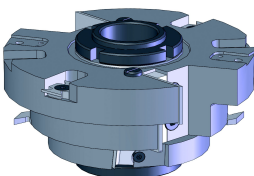
Ref. "d"



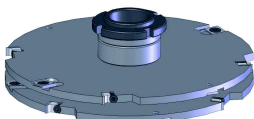
Ref. "e"



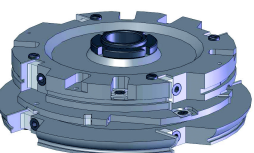
Ref. "f"



Ref. "g"



Ref. "h"



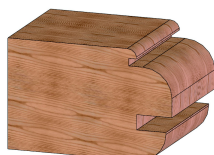
Ref. "i"

Art.	Cod.	TOTAL GROUP
0816	020	WOOD VERSION OPEN 4
0816	021	WOOD VERSION OPEN 12

Cod.	D	Z	Description	Ref.
001	100	2	inside wing profiling	a
002	100	2	rh wing 7 sides squaring	b
003	100	2	cross-piece and wing jams profiling	c
004	100	2	metal fitments seat execution	d
005	250	4	frame of jamb (upper part) tenoning	e
006	250	4	frame cross-piece tenoning	f
007	100	2	central left wing jamb squaring	g
008	250	4	wing jamb tenoning	h
009	250	4	wing cross-piece tenoning	i

WINDOWS DOOR VARIANT				
Cod.	D	Z	Description	
030	250	4	lower frame jamb for aluminium cross-piece tenoning – "din" norms	
031	100	2		
032	100	2	wing added cross-piece profiling	

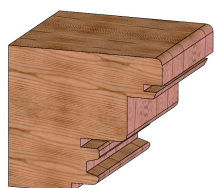
OPTIONS				
Cod.	D	Z	Description	
041	180	24	saw blade for glass bead removal	
042	100	2	inferior frame cross-piece profiling for aluminium variant	
044	180	4	cutter for aluminium coating	



Ref. "a"



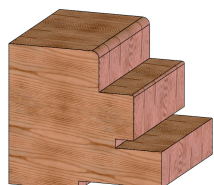
Ref. "f"



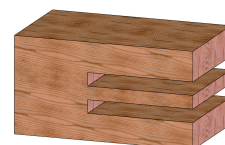
Ref. "b"



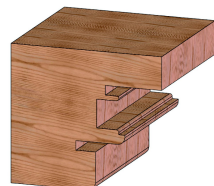
Ref. "g"



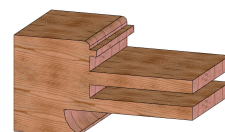
Ref. "c"



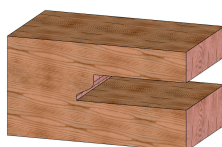
Ref. "h"



Ref. "d"



Ref. "i"



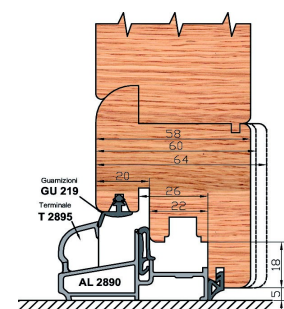
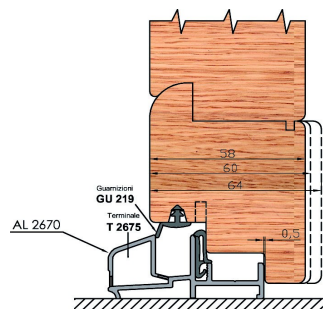
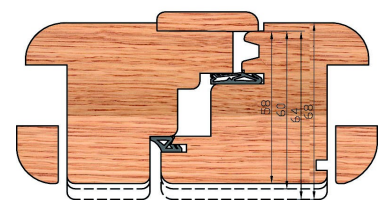
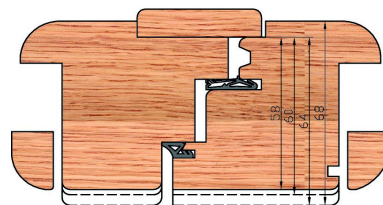
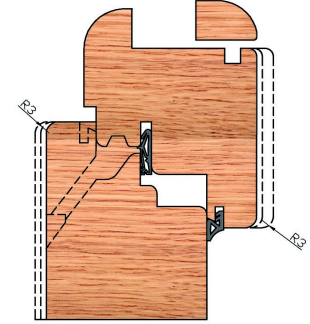
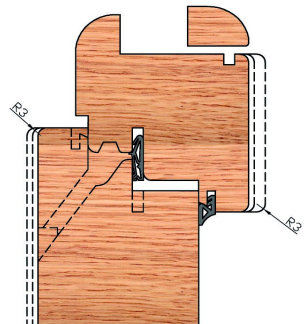
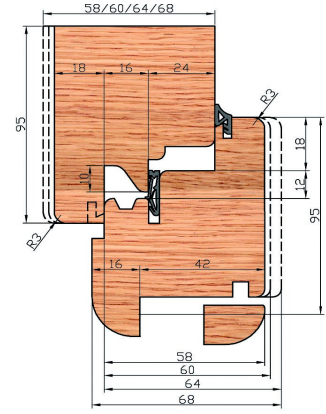
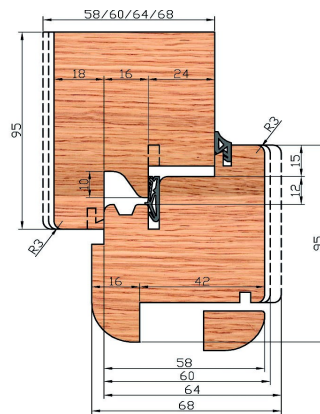
Ref. "e"



PROGRAMMED CUTTERHEADS FOR WINDOWS "EASY WINDOW MODEL"

ART.0816

4/12 VERSIONS
FRAME THICKNESS 58-60-64-68
WING THICKNESS 58-60-64-68



TECHNICAL SPECIFICATION

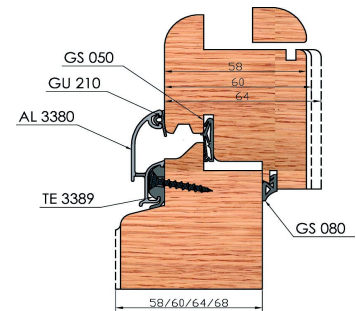
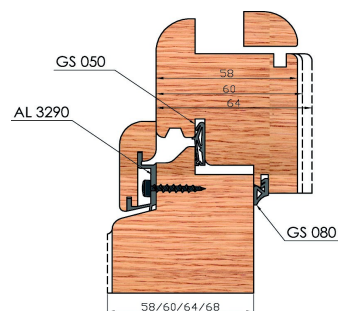
Programmed cutterheads with HW (integral tungsten carbide) inserts.

Easy Window model is composed of cutterheads with steel body high resistance and with replaceable and sharpening knives.

The cutters are programmed each others either in diameter or in height, in the way that you can set the machine (toupiecombined) only once.

APPLICATION

SPINDLE MOULDER/COMBINED MACHINE

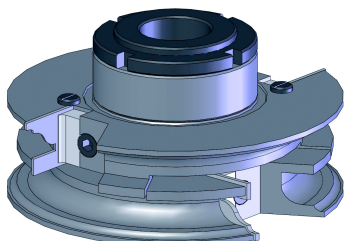




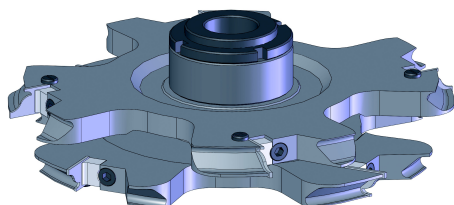
PROGRAMMED CUTTERHEADS FOR DOORS AND MAIN DOORS (GLASS TO THREAD)

ART.0850

Ref. "a"



Ref. "b"



WOOD PROFILES EXAMPLES

PROFILE 1



PROFILE 2



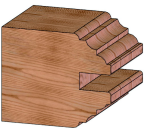
PROFILE 3



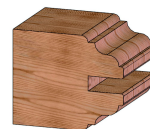
PROFILE 4



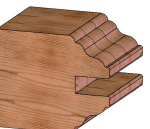
PROFILE 5



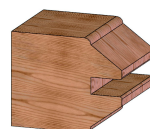
PROFILE 6



PROFILE 7



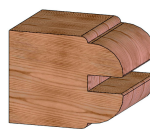
PROFILE 8



PROFILE 9



PROFILE 10



TECHNICAL SPECIFICATIONS

Programmed cutterheads with HW (integral tungsten carbide) knives, standard pins, for solid wood doors and maindoors, with glass to thread. Set to execute the illustrated shapes, supplied with 1 profile by choice.

APPLICATION

SPINDLE MOULDER, WINDOW
FRAME MACHINE CENTER

PROFILE GROUP

Cod.	Dmin.	Z	Ref.
001	126	2	a

COUNTER PROFILE GROUP

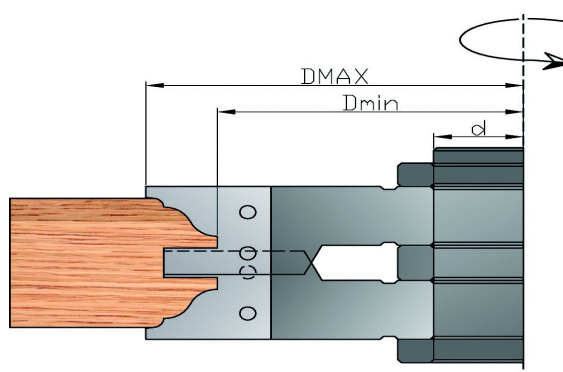
Cod.	Dmax.	Z	Ref.
002	290	4	b

SPARE PARTS

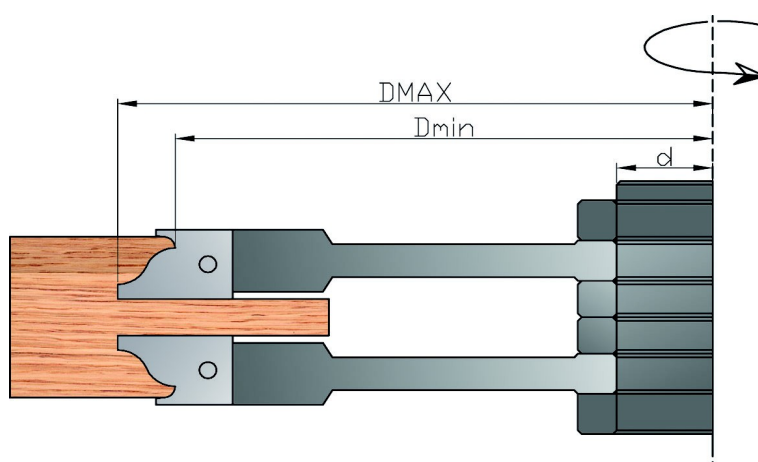
Art.	Cod.	Description		Ref.
0560	051	profiled inserts	30x35x2	a
0560	051	profiled knives	30x35x2	a
0560	016	profiled knives	20x30x2	b
0560	016	profiled knives	20x30x2	b

- EXECUTION OF DOORS THICKNESS = 44/52 mm
- ADJUSTABLE GROOVE
- OUTSIDE BEVELLED ANGLES R=3 AND INSIDE BEVELLED ANGLES R=1

Ref. "a"



Ref. "b"

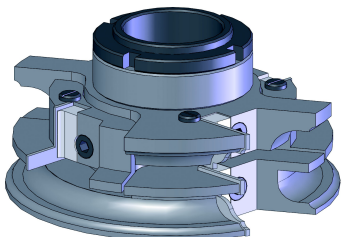




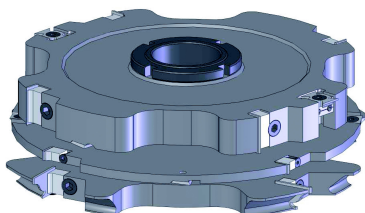
PROGRAMMED CUTTERHEADS FOR DOORS AND MAIN DOORS (GLASS BEAD REMOVAL)

ART.0855

Ref. "a"

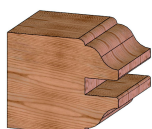


Ref. "c"



WOOD PROFILES EXAMPLES

PROFILE 1



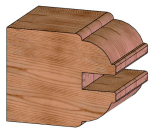
PROFILE 2



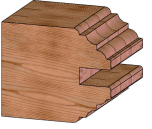
PROFILE 3



PROFILE 4



PROFILE 5



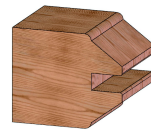
PROFILE 6



PROFILE 7



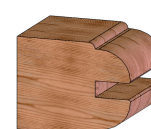
PROFILE 8



PROFILE 9



PROFILE 10



TECHNICAL SPECIFICATIONS

Programmed cutterheads with HW (integral tungsten carbide) inserts standard pins, for solid wood doors and main-doors, with bead removal.

Set to execute the illustrated shapes, supplied with 1 profile by choice.

APPLICATION

SPINDLE MOULDER, WINDOW
FRAME MACHINE CENTER

PROFILE GROUP

Cod.	Dmin.	Z	Ref.
001	126	2	a

COUNTER PROFILE GROUP

Cod.	Dmax.	Z	Ref.
003	290	4	b
004	290	4	c

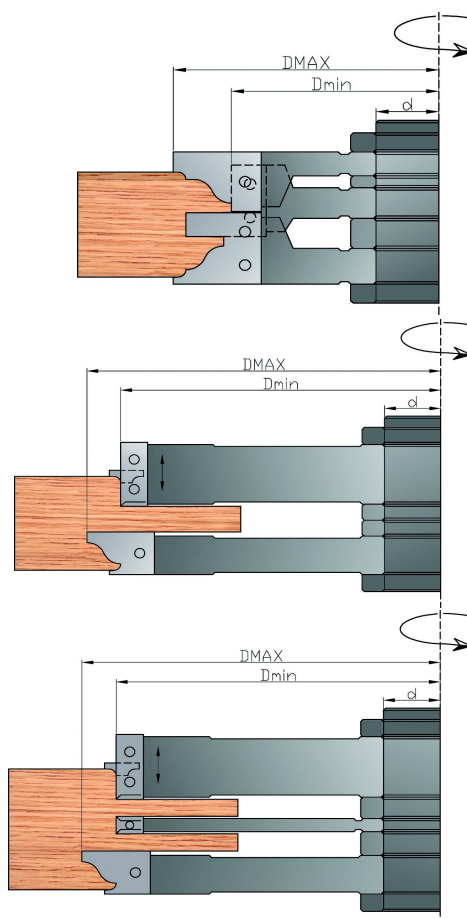
GLASS BEAD REMOVAL GROUP

Cod.	D	Z
005	200	24

SPARE PARTS

Art.	Cod.	Description		Ref.
0560	036	profiled inserts	25x35x2	a
0560	051	profiled knives	30x35x2	a
0560	051	profiled knives	30x35x2	a
0560	016	profiled knives	20x30x2	b/c
0520	008	reversible inserts	30x12x1,5	b/c
0520	001	reversible inserts	7,5x12x1,5	c
0520	010	radius shaver	R3	a/b/c
0540	001	square spurs	14x14x2	a/b/c

- EXECUTION OF DOORS THICKNESS = 44/60 o 44/68 mm
- ADJUSTABLE GROOVE
- OUTSIDE BEVELLED ANGLES R=3 AND INSIDE BEVELLED ANGLES R=1



Ref. "a"

Ref. "b"

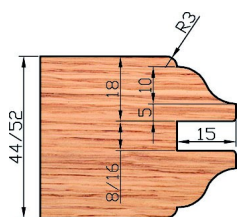
Ref. "c"



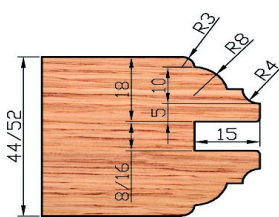
WOOD PROFILES FOR DOORS AND MAIN DOORS

ART.0850

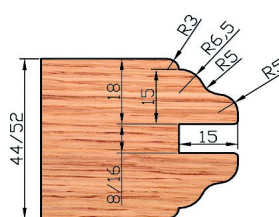
PROFILE 1



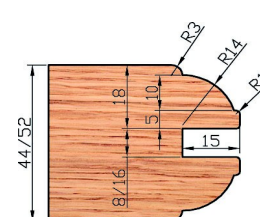
PROFILE 2



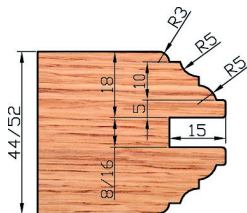
PROFILE 3



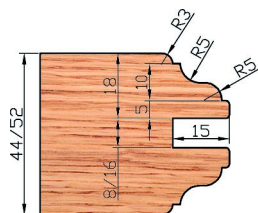
PROFILE 4



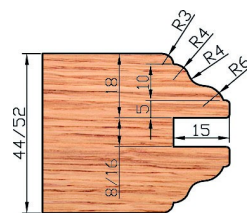
PROFILE 5



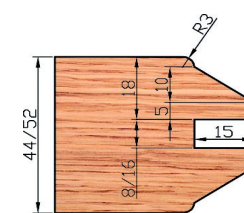
PROFILE 6



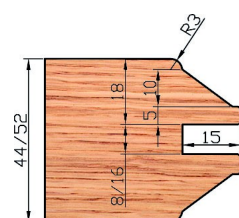
PROFILE 7



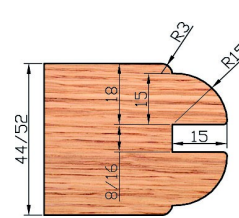
PROFILE 8



PROFILE 9



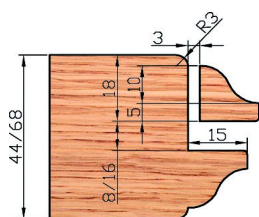
PROFILE 10



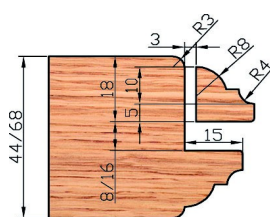
WOOD PROFILES FOR DOORS AND MAIN DOORS

ART.0855

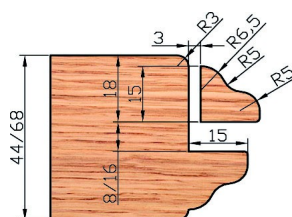
PROFILE 1



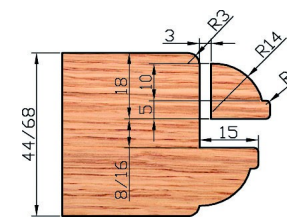
PROFILE 2



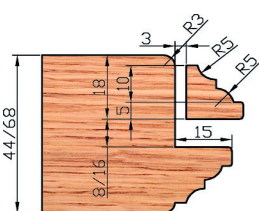
PROFILE 3



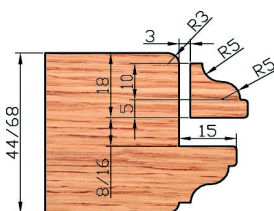
PROFILE 4



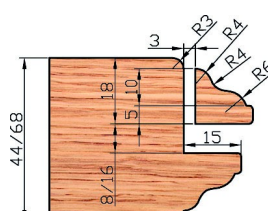
PROFILE 5



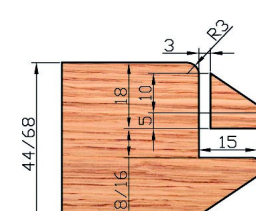
PROFILE 6



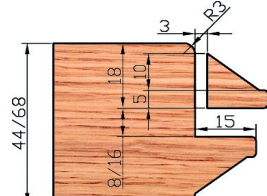
PROFILE 7



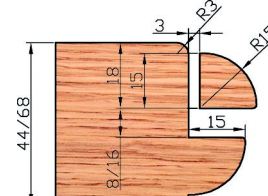
PROFILE 8



PROFILE 9



PROFILE 10

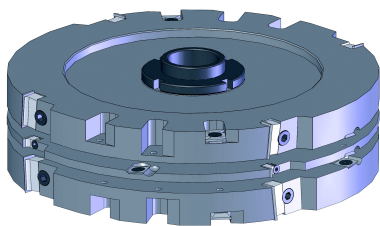




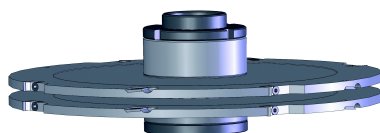
PROGRAMMED CUTTERHEADS FOR BLIND SHUTTERS

ART.0890

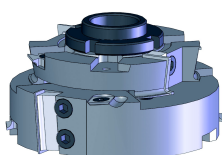
Ref. "a"



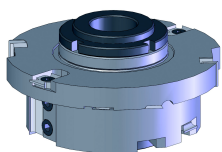
Ref. "b"



Ref. "c"

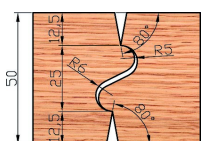


Ref. "d"

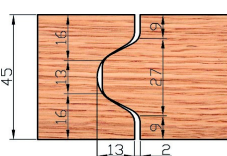


CENTRAL LOCK VARIANTS

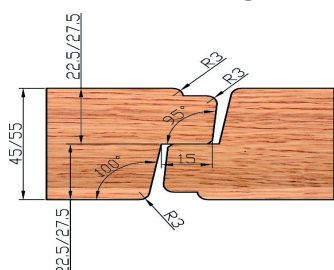
VARIANT "1"



VARIANT "2"



VARIANT "3"



TECHNICAL SPECIFICATIONS

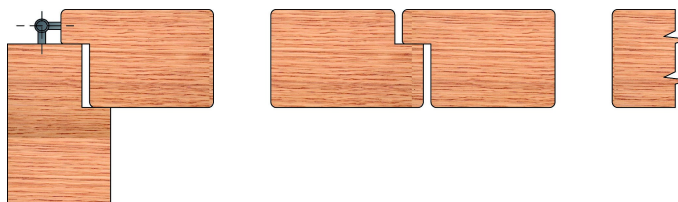
Programmed cutterheads with HW (integral tungsten carbide) inserts, standard pins 8-8-8 with rebate of 15 mm, for solid wood. Shutters execution with tickness 45/54 mm.

APPLICATION

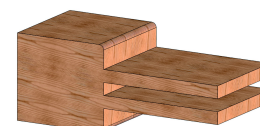
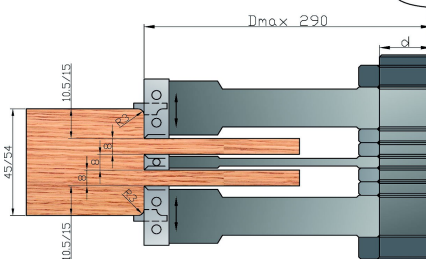
SPINDLE MOULDER, WINDOW
FRAME MACHINE CENTER

WING THICKNESS 45/54

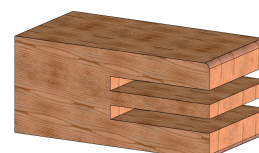
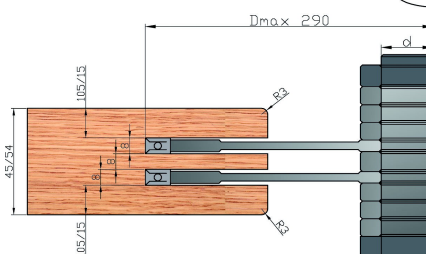
Cod.	D	z	Description	Ref.
001	290	4	wing cross-piece tenoning	a
002	290	4	wing jamb tenoning	b
004	130	2	right wing squaring with rebate of 15 mm	c
005	130	2	central left wing squaring	d



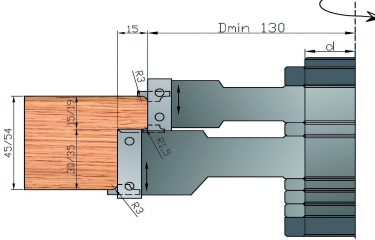
Ref. "a"



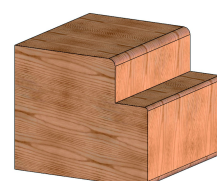
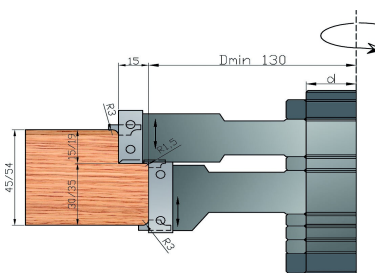
Ref. "b"



Ref. "c"



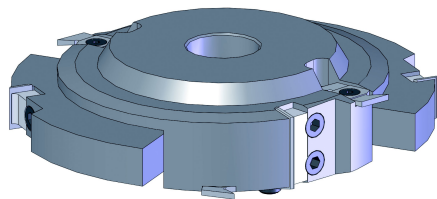
Ref. "d"





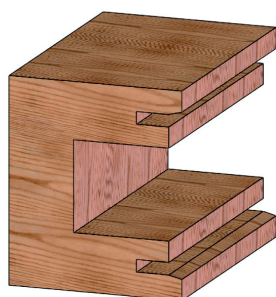
CUTTERHEADS FOR SLIDING FRAMES

ART.0897



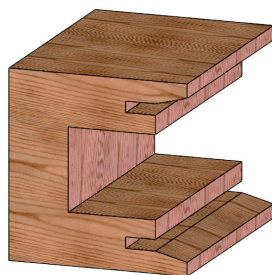
SUPERIOR CROSS-PIECE

adjust the spindle moulder guide for this processing.



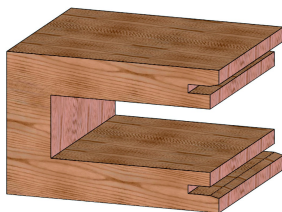
SIDE JAMB

slide the spindle moulder guide 5mm to the spindle



INFERIOR CROSS-PIECE

remove insert cutter A and slide the guide 27 mm to the spindle



TECHNICAL SPECIFICATION

Cutterheads with HW (integral tungsten carbide) knives for sliding frame.

APPLICATION

SPINDLE MOULDER AND COMBIMATE

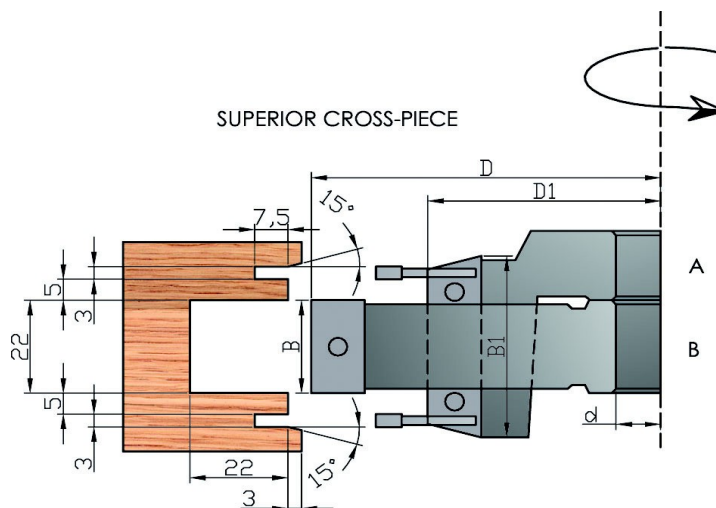
Z=2 / HW

Cod.	D/D1	B/B1	d
001	204/160	22/43	30-35-40-50

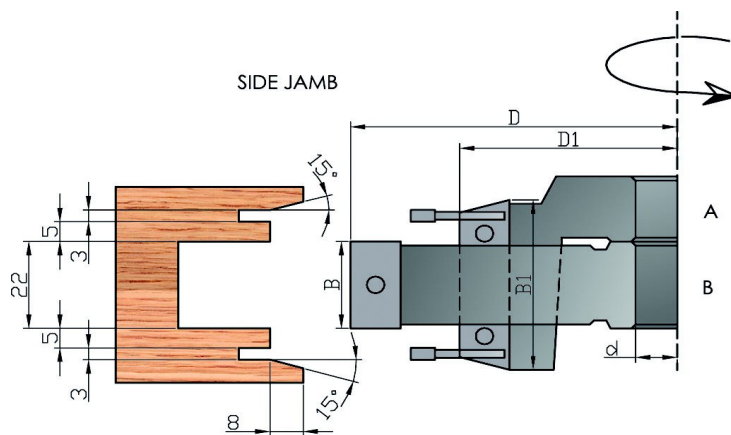
SPARE PARTS

Art	Cod.	Description	Rif.
0897	010	profiled knives 50x12x1,5	a
0897	011	profiled knives 22x12x1,5	b
0546	001	ambidextrous inserts 3mm	c

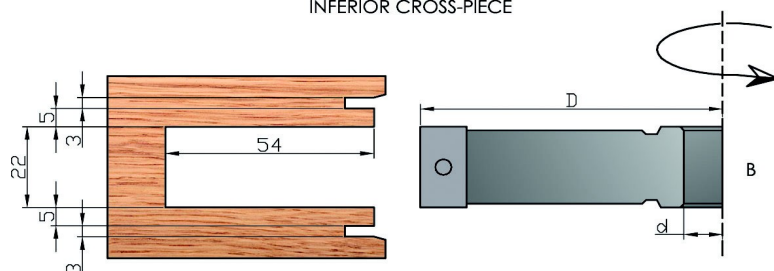
SUPERIOR CROSS-PIECE



SIDE JAMB



INFERIOR CROSS-PIECE





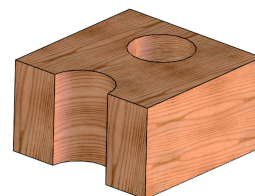
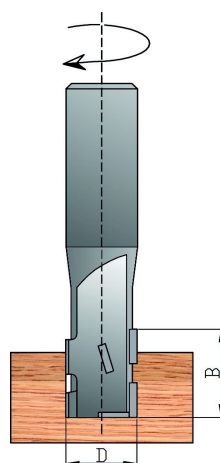
"USE AND THROW AWAY" DIAMOND ROUTER BITS TO DRILL AND EDGE

ART.0905



DP				
Rot. RH	Rot. LH	D	B	Z
Cod.	Cod.			
001	002	12/14/16/18/20	26	3+1
003	004	16/18/20	35	4+1
005	006	16/18/20	45	5+1
007	008	16/18/20	54	6+1

- SPECIFY SHANK SIZES WHEN ORDERING
- TIPS 11x2,5 MM



TECHNICAL SPECIFICATIONS

Router bits in DP (polycrystalline diamond), suitable to drill and edge inside and outside of chipboard or MDF panels.

Possible sharpening 2 o 3 times.

APPLICATION

ROUTER



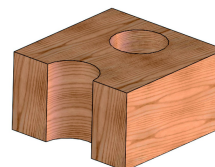
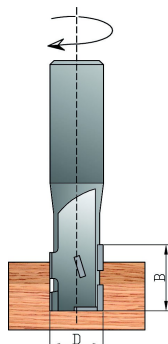
DIAMOND ROUTER BITS TO DRILL AND EDGE WITH HW (integral tungsten carbide) BODY

ART.0906



DP					
Rot. RH	Rot. LH	D	B	Z	Att.
Cod.	Cod.				
001	002	8	27	3	8
003	004	8	36	4	8
005	006	8	45	5	8
007	008	10	27	3	10
009	010	10	36	4	10
011	012	10	45	5	10
013	014	12	27	3	12
015	016	12	36	4	12
017	018	12	45	5	12

- TIPS 12 x 3,1 MM



TECHNICAL SPECIFICATIONS

Diamond router bits with HW (integral tungsten carbide) body.

Suitable for routing and boring on composite materials, MDF chipboard panels coated on both sides with melamine, veneer or plastic material.

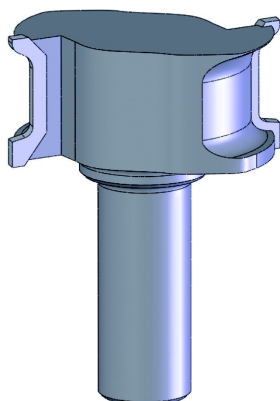
APPLICATION

ROUTER



PROFIED DIAMOND ROUTER BITS

ART.0910



WOOD PROFILE EXAMPLE



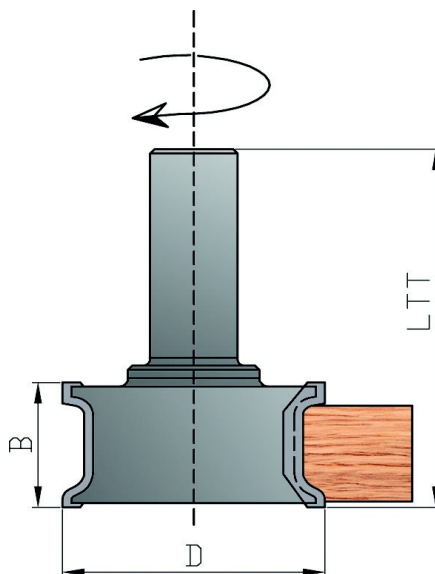
TECHNICAL SPECIFICATIONS

Profiled router bits in DP (polycrystalline diamond).

APPLICATION

ROUTER

- MANUFACTURED BY REQUEST – PRICE TO BE QUOTED

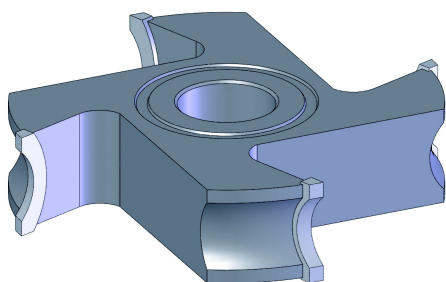


- SPECIFY ROTATION SENSE, DIAMETER, SHANK, NUMBER OF CUTTING EDGES AND THICKNESS WHEN ORDERING
- SPECIFY DRAWING OF THE SHAPE

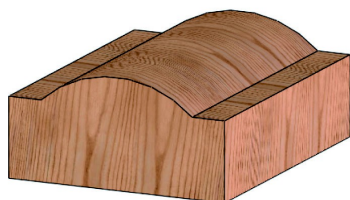


PROFIED DIAMOND CUTTERHEADS

ART.0925



WOOD PROFILE EXAMPLE



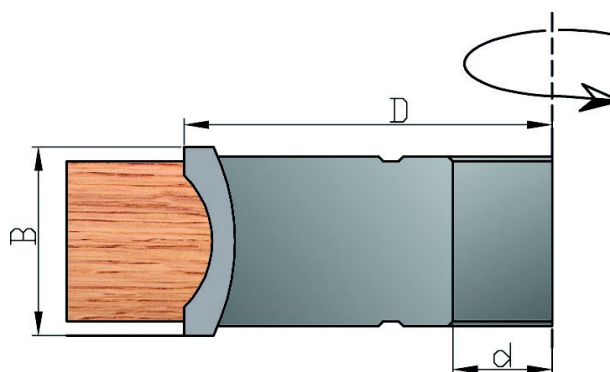
TECHNICAL SPECIFICATIONS

Profiled cutterheads in DP (polycrystalline diamond).

APPLICATION

SPINDLE MOULDER, MOULDER
DOUBLE END TENONER

- MANUFACTURED BY REQUEST – PRICE TO BE QUOTED



- SPECIFY ROTATION SENSE, DIAMETER, BORE, NUMBER OF CUTTING EDGES AND THICKNESS WHEN ORDERING
- SPECIFY DRAWING OF THE SHAPE

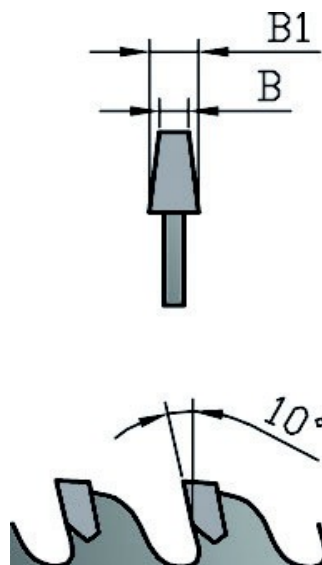


DIAMOND SCORING SAW BLADES FOR PANEL SAW MACHINE

ART.0960



• MANUFACTURED BY REQUEST – PRICE TO BE QUOTED



TECHNICAL SPECIFICATIONS

Scoring saw blades in DP (polycrystalline diamond), used for the precutting operation of panels veneered, laminated or covered with melamine.

APPLICATION

PANEL SAW MACHINE

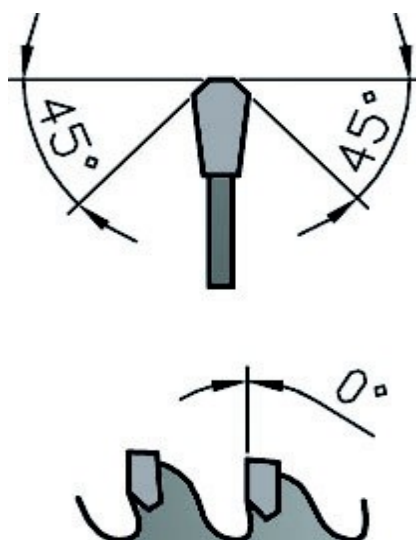


UNIVERSAL DIAMOND SAW BLADES

ART.0965



• MANUFACTURED BY REQUEST – PRICE TO BE QUOTED



TECHNICAL SPECIFICATIONS

Saw blades in DP (polycrystalline diamond) suitable to cut plywood, panels of raw chipboards, panels laminated or covered with melamine.

APPLICATION

PANEL SAW, RADIAL SAW,
CUTTING OFF MACHINE



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BRAZED CUTTERS

profiled cutters art.0005
profile and counter profile cutters set art. 0015
panel rising cutters art. 0020
bevel cutters art.0025
joint cutters art. 0030-0045
grooving cutters art. 0050-0060
rebate cutters art. 0065
panelling and flooring cutters set art. 0070
tenoning cutters art. 0075-0090

1



MULTUCUT SPIRAL CUTTERS

multicut spirali cutters for planing art- 0105-0120
multicut spiral cutters for planing – Hydro system art. 0122
multicut spiral cutters for rebating art. 0125-0130
multicut spiral cutters for tenoning art. 0240
multicut spiral cutters for copy-shaping art. 0245-0255

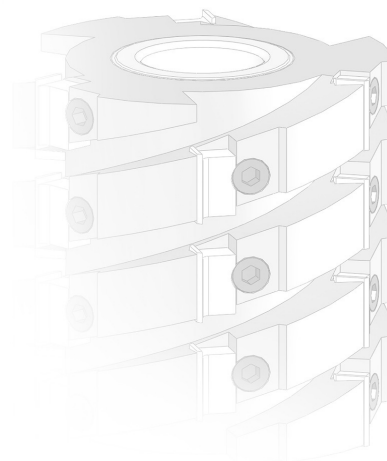
2



CUTTERHEADS

profiled cutterheads art. 0300-0304
profile and counter profile cutterheads set art. 0308-0313
panel rising cutterheads art. 0315-0319
bevel cutterheads art. 0321-0322
joint cutterheads art. 0324-0332
grooving cutterheads art. 0335-0343
rebate cutterheads art. 0344
edge bander cutterheads art. 0350
cutterheads for guiding groovers art. 0355
spiral planing cutterheads art. 0360-0361
planing cutterheads art. 0370
planing cutterheads Hydro system art. 0371
serrated back cutterheads art. 0375
serrated back cutterheads Hydro system art. 0376
copying lathe cutterheads holder art. 0378
panelling and flooring cutterheads set art. 0380
tenoning cutterheads art. 0385-0395

3



ROUTER TOOLS

cylindrical router bits art. 0400-0405
multicut spiral router bits art. 0410-0415
HW (integral tungsten carbide) helical router bits art. 0420-0437
profiled router bits art. 0440
cylindrical router cutters art.0455-0472
profiled router cutters art. 0475-0485
router cutters set for doors art. 0490-0497

4



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INSERTS AND KNIVES

serrated back knives art. 0505
planing knives art. 0510-0515
reversible inserts art. 0520-0546
profiled knives art. 0550-0560
cup and plate cutters for copying lathes art. 0575-0580

BITS

carving bits art. 0600-0638
mortising bits art. 0640-0652
router bits for slotting machine art. 0655
swallow-tailed router bits art. 0658
drill router bits art. 0660-0698

SAW BLADE

universal saw blade art.0700
saw blades for cutting off machine art. 0705
hogging units and spare saw blades art. 0710-0725
scoring saw blades for double-end tenon. and edge-banding mac. art. 0730-0733
scoring saw blades for panel saw machine art. 0735-0740
saw blades for panel saw machine art. 0735-0740
saw blades for aluminium and not ferrous light metals art.0750
multi-rip saw blades art. 0755-0760
silenced saw blades art. 0765-0780

DOORS AND WINDOWS TOOLS

cutters set for windows art. 0801-0818
cutters set for doors art. 0850-0855
cutters set for shutters/frame doors art. 0890-0897

DIAMOND TOOLS

diamond router bits art 0900-0910
diamond cutterheads art 0915-0925
diamond saw blades art. 0930-0965

ACCESSORIES

copy rings set art. 1005
locking clamps art. 1010
tool holders and collets art. 1015-1040
reduction sleeves and distance rings art. 1043-1050
wedges and screws art. 1055-1081
Hydro system accessories art. 1085
service keys art. 1090-1069

SPECIAL TOOLS BY REQUEST

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5



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7



8



9



10



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