

FORATURA
BORING
BOHRER
FORAGE
СВЕРЛА



5



 P050 p. 405	 P053 p. 406	 P054 p. 407	 P056 p. 408	 P057 p. 409	 P058 p. 410	 P059 p. 411
 P060 p. 412	 P062 p. 413	 P064 p. 414	 P066 p. 415	 P067 p. 416	 P068 p. 417	 P069 p. 419
 P070 p. 420	 P071 p. 421	 P072 p. 422	 P080 p. 423	 P400 p. 424	 P401 p. 425	 P094 p. 426
 P095 p. 427	 P100 p. 428	 P104 p. 429	 P105 p. 430	 P107 p. 431	 P108 p. 432-433	 P109 p. 434
 P111 p. 435	 P410 p. 436	 P610 p. 437	 P618 p. 438	 P620 p. 439	 P414 p. 440	 P614 p. 441
 P118 p. 442	 P127 p. 443	 P120 p. 444	 P122 p. 445	 P124 p. 446	 P121 p. 447	 P123 p. 448
 P125 p. 449	 P134 p. 450	 P136 p. 451	 P140 p. 452	 P160 p. 453	 P560 p. 454	 P562 p. 455
 P170 p. 456	 P172 p. 457	 P185 p. 458	 P351 p. 459	 P381-P383 p. 460	 P385 p. 461	 PCB1-PCB2 p. 462

P050

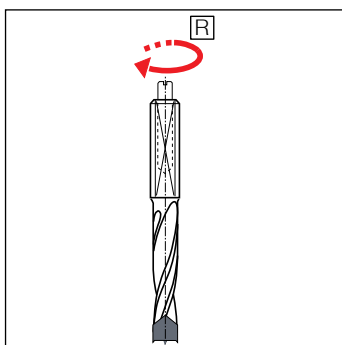
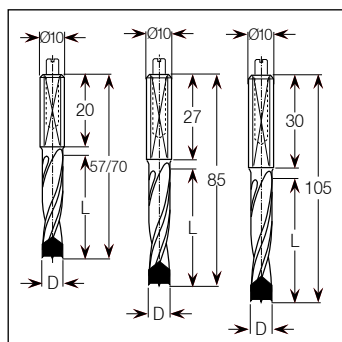
HW Dowel drills with negative spurs



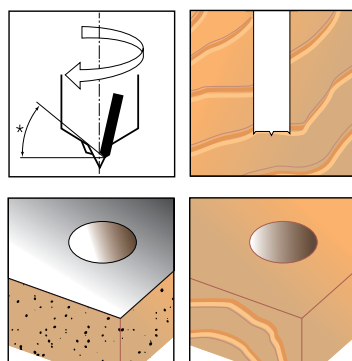
Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglianti • 2 rasanti • Centrino • Corpo con 4 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • 2 spurs • Centre point • Body with 4 spirals • Ground shank with flat and screw • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • Indicated to make holes on wood, laminated panels and similar.

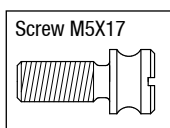
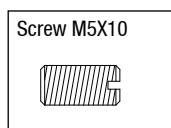
● = Ready in stock ■ = Delivery time 20 working days △ = On request



Affilatura con incisore negativo
Sharpening with negative spurs



■ Utensili non a magazzino, quantità minima d'ordine: 20 pezzi.
Tools not ready in stock minimum order quantity: 20 pieces.



D	L	LT	Left Code	Right Code
4	27	57,5	● P050M004057L	● P050M004057R
4,5	27	57,5	● P050M004557L	● P050M004557R
5	30	57,5	● P050M005057L	● P050M005057R
6	30	57,5	● P050M006057L	● P050M006057R
7	30	57,5	● P050M007057L	● P050M007057R
8	30	57,5	● P050M008057L	● P050M008057R
8,5	30	57,5	● P050M008557L	● P050M008557R
9	30	57,5	● P050M009057L	● P050M009057R
10	30	57,5	● P050M010057L	● P050M010057R
12	30	57,5	● P050M012057L	● P050M012057R
14	30	57,5	● P050M014057L	● P050M014057R
15	30	57,5	● P050M015057L	● P050M015057R
16	30	57,5	● P050M016057L	● P050M016057R
4	40	70	● P050M004070L	● P050M004070R
4,5	40	70	● P050M004570L	● P050M004570R
5	43	70	● P050M005070L	● P050M005070R
6	43	70	● P050M006070L	● P050M006070R
7	43	70	● P050M007070L	● P050M007070R
8	43	70	● P050M008070L	● P050M008070R
8,5	43	70	● P050M008570L	● P050M008570R
9	43	70	● P050M009070L	● P050M009070R
10	43	70	● P050M010070L	● P050M010070R
12	43	70	● P050M012070L	● P050M012070R
14	43	70	● P050M014070L	● P050M014070R
15	43	70	● P050M015070L	● P050M015070R
16	43	70	● P050M016070L	● P050M016070R

LONG SPIRAL

D	L	LT	Left Code	Right Code
5	50	85	● P050M005085L	● P050M005085R
6	50	85	● P050M006085L	● P050M006085R
8	50	85	● P050M008085L	● P050M008085R
10	50	85	● P050M010085L	● P050M010085R
12	50	85	● P050M012085L	● P050M012085R
5	65	105	● P050M005105L	● P050M005105R
6	65	105	● P050M006105L	● P050M006105R
8	65	105	● P050M008105L	● P050M008105R
10	65	105	● P050M010105L	● P050M010105R
12	65	105	● P050M012105L	● P050M012105R

Spec.	P050M99L	P050M99R
-------	----------	----------

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte componibili
con rasanti negativi

HW Dübelbohrer
mit negativen Vorschneider

Mèches à percer
pour trou borgnes

Сверла присадочные

P053

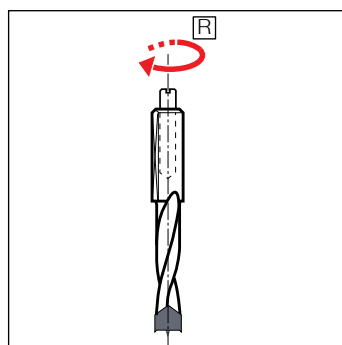
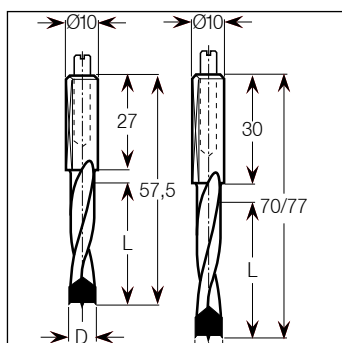
HW Dowel drills with negative spurs



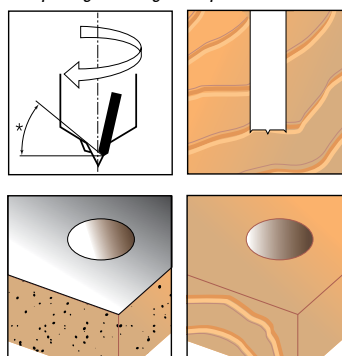
Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglianti • 2 rasanti • Centrino • Corpo con 2 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • 2 spurs • Centre point • Body with 2 spirals • Ground shank with flat and screw • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • Indicated to make holes on wood, laminated panels and similar.

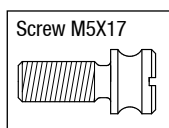
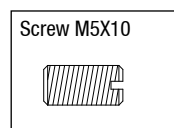
● = Ready in stock ■ = Delivery time 20 working days △ = On request



Affilatura con incisore negativo
Sharpening with negative spurs



■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.



D	L	LT	Left Code	Right Code
4	27	57,5	● P053M004057L	● P053M004057R
5	27	57,5	● P053M005057L	● P053M005057R
6	27	57,5	● P053M006057L	● P053M006057R
6,35	27	57,5	● P053M635057L	● P053M635057R
7	27	57,5	● P053M007057L	● P053M007057R
8	27	57,5	● P053M008057L	● P053M008057R
9	27	57,5	● P053M009057L	● P053M009057R
9,53	27	57,5	● P053M953057L	● P053M953057R
10	27	57,5	● P053M010057L	● P053M010057R
11	27	57,5	● P053M011057L	● P053M011057R
12	27	57,5	● P053M012057L	● P053M012057R
12,7	27	57,5	● P053M127057L	● P053M127057R
14	27	57,5	● P053M014057L	● P053M014057R
15	27	57,5	● P053M015057L	● P053M015057R
16	27	57,5	● P053M016057L	● P053M016057R
4	30	70	● P053M004070L	● P053M004070R
5	35	70	● P053M005070L	● P053M005070R
6	35	70	● P053M006070L	● P053M006070R
6,35	35	70	● P053M635070L	● P053M635070R
7	35	70	● P053M007070L	● P053M007070R
8	35	70	● P053M008070L	● P053M008070R
9	35	70	● P053M009070L	● P053M009070R
9,53	35	70	● P053M953070L	● P053M953070R
10	35	70	● P053M010070L	● P053M010070R
11	35	70	● P053M011070L	● P053M011070R
12	35	70	● P053M012070L	● P053M012070R
12,7	35	70	● P053M127070L	● P053M127070R
14	35	70	● P053M014070L	● P053M014070R
15	35	70	● P053M015070L	● P053M015070R
16	35	70	● P053M016070L	● P053M016070R
5	44	77	● P053M005077L	● P053M005077R
6	44	77	● P053M006077L	● P053M006077R
7	44	77	● P053M007077L	● P053M007077R
8	44	77	● P053M008077L	● P053M008077R
9	44	77	● P053M009077L	● P053M009077R
10	44	77	● P053M010077L	● P053M010077R
12	44	77	● P053M012077L	● P053M012077R
Spec.			P053M99L	P053M99L

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

P054

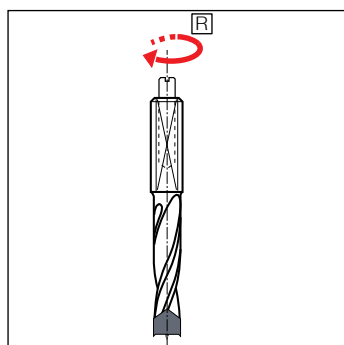
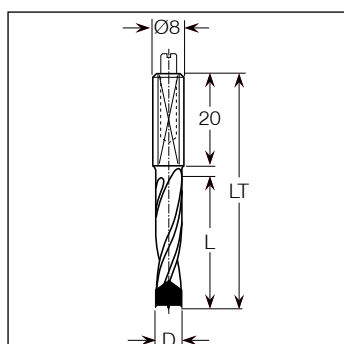
HW Dowel drills with negative spurs



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • 2 rasanti • Centriro
• Corpo con 4 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Rivestite con resina
fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso
per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per
l'esecuzione di fori ciechi sul legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • 2 spurs • Centre point • Body with
4 spirals • Ground shank with flat and screw • Covered by a fluorine-carbonic resin for a better chip removal • Black
colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters
• Indicated to make holes on wood, laminated panels and similar.

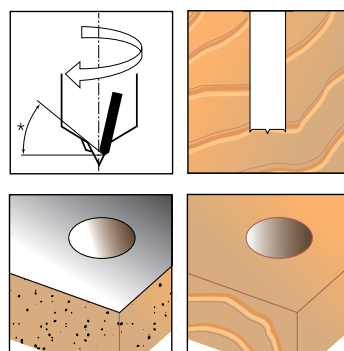
● = Ready in stock ■ = Delivery time 20 working days △ = On request



D	L	LT	Left Code	Right Code
5	30	55,5	● P054M005055L	● P054M005055R
6	30	55,5	● P054M006055L	● P054M006055R
7	30	55,5	● P054M007055L	● P054M007055R
8	30	55,5	● P054M008055L	● P054M008055R
9	30	55,5	● P054M009055L	● P054M009055R
10	30	55,5	● P054M010055L	● P054M010055R
12	30	55,5	● P054M012055L	● P054M012055R
5	40	67	● P054M005067L	● P054M005067R
6	40	67	● P054M006067L	● P054M006067R
7	40	67	● P054M007067L	● P054M007067R
8	40	67	● P054M008067L	● P054M008067R
9	40	67	● P054M009067L	● P054M009067R
10	40	67	● P054M010067L	● P054M010067R
12	40	67	● P054M012067L	● P054M012067R
Spec.			P054M99L	P054M99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

Affilatura con incisore negativo
Sharpening with negative spurs



SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

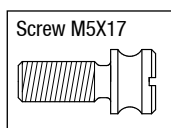
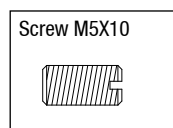
Chipboard

RPM	Feed Speed
3000	0,8 m/min
4000	1,5 m/min
5000	2 m/min
6000	2,5 m/min
8000	2,8 m/min

MDF-Wood

RPM	Feed Speed
3000	0,6 m/min
4000	1,0 m/min
5000	1,4 m/min
6000	1,8 m/min
8000	2,0 m/min

The data are indicative only, MW is not responsible for any incorrect application





Punte componibili
con rasanti raggiati

HW Dübelbohrer
mit gerundeten Vorschneider

Mèches à percer
pour trou borgnes

Сверла присадочные

P056

HW Dowel drills with round spurs



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • 2 rasanti raggiati • Centrino
• Corpo con 2 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Rivestite con resina
fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso
per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per
l'esecuzione di fori ciechi su derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip with 2 teeth • 2 round spurs • Centre point
• Body with 2 spirals • Ground shank with flat and screw • Covered by a fluorine-carbonic resin for a better chip
removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with
chucks or adapters • Indicated to make holes on laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Left Code	Right Code
5	27	57,5	● P056M005057L	● P056M005057R
6	27	57,5	● P056M006057L	● P056M006057R
8	27	57,5	● P056M008057L	● P056M008057R
10	27	57,5	● P056M010057L	● P056M010057R
5	35	70	● P056M005070L	● P056M005070R
6	35	70	● P056M006070L	● P056M006070R
8	35	70	● P056M008070L	● P056M008070R
10	35	70	● P056M010070L	● P056M010070R

Spec.		P056M99L	P056M99R
-------	--	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
3000	1 m/min
4000	1,5 m/min
5000	2 m/min
6000	2,5 m/min
8000	4,0 m/min

MDF-Wood

RPM	Feed Speed
3000	0,7 m/min
4000	1,0 m/min
5000	1,5 m/min
6000	1,8 m/min
8000	2,5 m/min

The data are indicative only, MW is not responsible for any incorrect application

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

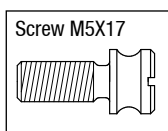
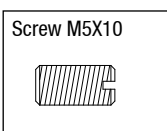
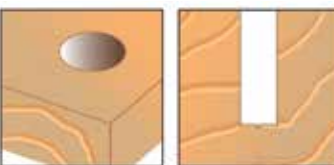
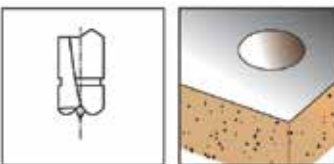
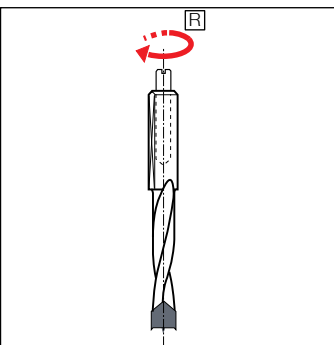
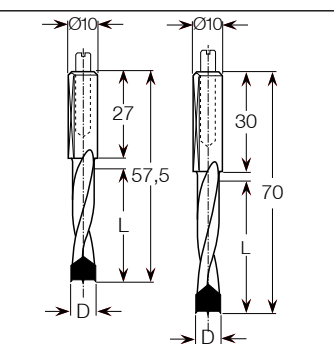
FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte componibili
con rasanti raggiati
"ELICA"

"ELICA" VHW Dübelbohrer
mit gerundeten Vorschneider

Mèches à percer
pour trou borgnes "ELICA"

Сверла присадочные с
закругленными врезными
резцами "ELICA"



P057

NEW

HWM Dowel drills with round spurs "Elica"



Ottenute da acciaio di elevata resistenza meccanica • Corpo in HW integrale • 2 taglienti • rasanti raggiati • Centrino • Corpo con 2 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori ciechi su derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Solid carbide body • 2 teeth • 2 round spurs • Centre point • Body with 2 spirals • Ground shank with flat and screw • Use on drilling machines with chucks or adapters • Indicated to make holes on laminated panels and similar.

elica

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	L1	LT	Left Code	Right Code
3	18	33	57,5	● P057M003057L	● P057M003057R
4	20	27	57,5	● P057M004057L	● P057M004057R
5	22	27	57,5	● P057M005057L	● P057M005057R
6	22	27	57,5	● P057M006057L	● P057M006057R
8	22	27	57,5	● P057M008057L	● P057M008057R
10	22	27	57,5	● P057M010057L	● P057M010057R
3	20	40	70	● P057M003070L	● P057M003070R
4	27	35	70	● P057M004070L	● P057M004070R
5	35	27	70	● P057M005070L	● P057M005070R
6	35	27	70	● P057M006070L	● P057M006070R
8	35	27	70	● P057M008070L	● P057M008070R
10	35	27	70	● P057M010070L	● P057M010070R

Spec. P057M99L P057M99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
4000	1,5 m/min
5000	2,0 m/min
6000	2,5 m/min
8000	4 m/min
10000	4,5 m/min
12000	4,8 m/min

MDF-Wood

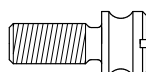
RPM	Feed Speed
4000	1,0 m/min
5000	1,5 m/min
6000	1,8 m/min
8000	2,5 m/min
10000	3,0 m/min
12000	3,5 m/min

The data are indicative only, MW is not responsible for any incorrect application

Screw M5X10



Screw M5X17



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte componibili integrali con rasanti raggiati

VHW Dübelbohrer mit gerundeten Vorschneider

Mèches à percer pour trou borgnes carbure monobloc

Сверла присадочные монолитные твердосплавные

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P058

HWM Dowel drills with round spurs



Costruite con corpo in HW integrale ed attacco in acciaio di elevata resistenza meccanica • 2 taglienti • 2 rasanti raggiati • Centrino • Corpo con 2 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori ciechi su MDF, truciolare, laminati e simili

Obtained from steel with a high mechanical resistance • Solid carbide body • 2 teeth • 2 round spurs • Centre point • Body with 2 spirals • Ground shank with flat and screw • Use on drilling machines with chucks or adapters • Indicated to make holes on laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	L1	LT	Left Code	Right Code
3	18	33	57,5	● P058M003057L	● P058M003057R
4	20	27	57,5	● P058M004057L	● P058M004057R
5	22	27	57,5	● P058M005057L	● P058M005057R
6	22	27	57,5	● P058M006057L	● P058M006057R
8	22	27	57,5	● P058M008057L	● P058M008057R
10	22	27	57,5	● P058M010057L	● P058M010057R
3	20	40	70	● P058M003070L	● P058M003070R
4	27	35	70	● P058M004070L	● P058M004070R
5	35	27	70	● P058M005070L	● P058M005070R
6	35	27	70	● P058M006070L	● P058M006070R
8	35	27	70	● P058M008070L	● P058M008070R
10	35	27		● P058M010070L	● P058M010070R

Spec. P058M99L P058M99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
4000	1,5 m/min
5000	2,0 m/min
6000	2,5 m/min
8000	4 m/min
10000	4,5 m/min
12000	4,8 m/min

MDF—Wood

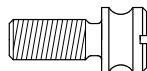
RPM	Feed Speed
4000	1,0 m/min
5000	1,5 m/min
6000	1,8 m/min
8000	2,5 m/min
10000	3,0 m/min
12000	3,5 m/min

The data are indicative only, MW is not responsible for any incorrect application

Screw M5X10



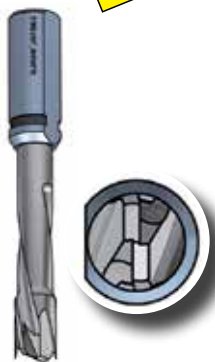
Screw M5X17



P059

LONG LIFE

HWM Dowel drills with special geometry and round spurs



Costruite con corpo in HW integrale ed attacco in acciaio di elevata resistenza meccanica • 2 taglienti • 2 rasanti raggiati
• Corpo con 2 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Da montare su macchine
foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori ciechi su MDF, truciolare, laminati e simili

Obtained from steel with a high mechanical resistance • Solid carbide body • 2 teeth • 2 round spurs • Body with
2 spirals • Ground shank with flat and screw • Use on drilling machines with chucks or adapters • Indicated to
make holes on laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Left Code	Right Code
5	22	57,5	● P059M005057L	● P059M005057R
6	22	57,5	● P059M006057L	● P059M006057R
8	22	57,5	● P059M008057L	● P059M008057R
10	22	57,5	● P059M010057L	● P059M010057R
5	33	70	● P059M005070L	● P059M005070R
6	33	70	● P059M006070L	● P059M006070R
8	33	70	● P059M008070L	● P059M008070R
10	33	70	● P059M010070L	● P059M010070R

Spec.		P059M99L	P059M99R
-------	--	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

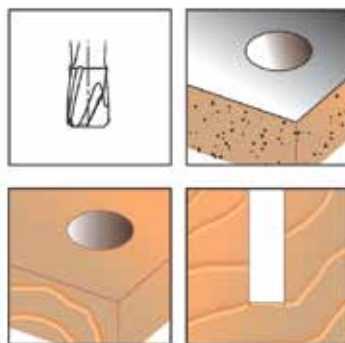
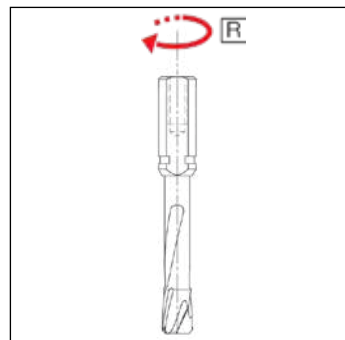
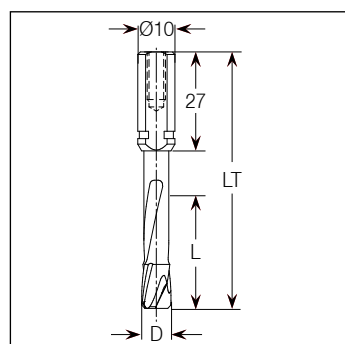
Chipboard

RPM	Feed Speed
3000	1 m/min
4000	1,5 m/min
5000	2 m/min
6000	2,5 m/min
8000	4,0 m/min

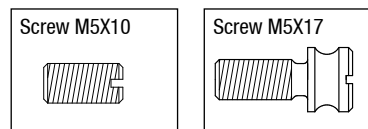
MDF-Wood

RPM	Feed Speed
3000	0,7 m/min
4000	1,0 m/min
5000	1,5 m/min
6000	1,8 m/min
8000	2,5 m/min

The data are indicative only, MW is not responsible for any incorrect application



Profondità massima di foratura 10 mm.
Max drilling depth 10 mm.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte componibili
per fori passanti



HW Durchgangsbohrer



Mèches à percer
pour trou débouchants



Сквозные сверла

P060

HW Through-hole dowel drills



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • Corpo con 4 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori passanti su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • Body with 4 spirals • Ground shank with flat and screw • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • indicated to make through holes on solid wood, wood composites, laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Left Code	Right Code
4,5	27	57,5	● P060M004557L	● P060M004557R
5	27	57,5	● P060M005057L	● P060M005057R
6	27	57,5	● P060M006057L	● P060M006057R
7	27	57,5	● P060M007057L	● P060M007057R
8	27	57,5	● P060M008057L	● P060M008057R
8,5	27	57,5	● P060M008557L	● P060M008557R
10	27	57,5	● P060M010057L	● P060M010057R
12	27	57,5	● P060M012057L	● P060M012057R
4,5	40	70	● P060M004570L	● P060M004570R
5	40	70	● P060M005070L	● P060M005070R
6	40	70	● P060M006070L	● P060M006070R
7	40	70	● P060M007070L	● P060M007070R
8	40	70	● P060M008070L	● P060M008070R
8,5	40	70	● P060M008570L	● P060M008570R
10	40	70	● P060M010070L	● P060M010070R
12	40	70	● P060M012070L	● P060M012070R

Spec.	P060M99L	P060M99R
-------	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
3000	0,5 m/min
4000	1,2 m/min
5000	1,5 m/min
6000	1,8 m/min
8000	2,2 m/min

MDF-Wood

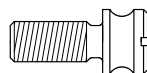
RPM	Feed Speed
3000	0,3 m/min
4000	0,8 m/min
5000	1,0 m/min
6000	1,2 m/min
8000	1,7 m/min

The data are indicative only, MW is not responsible for any incorrect application

Screw M5X10



Screw M5X17



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P062

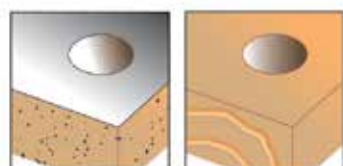
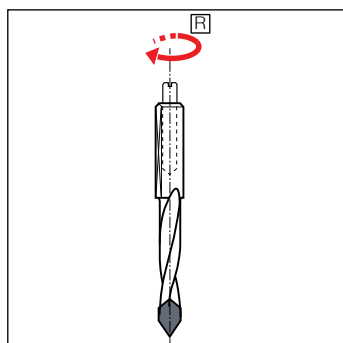
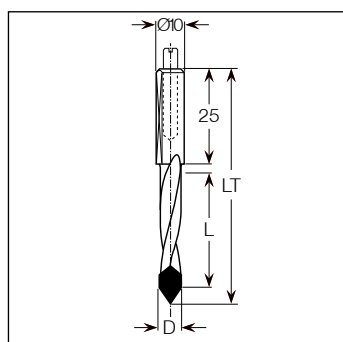
HW Through-hole dowel drills



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • Corpo con 2 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Misura 4X70 con attacco lunghezza mm 30 • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori passanti su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • Body with 2 spirals • Ground shank with flat and screw • Dimensions 4X70: shank mm 30 long • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • Indicated to make through holes on solid wood, wood composites, laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request



D	L	LT	Left Code	Right Code
4	22	57,5	● P062M004058L	● P062M004058R
5	22	57,5	● P062M005058L	● P062M005058R
6	22	57,5	● P062M006058L	● P062M006058R
7	22	57,5	● P062M007058L	● P062M007058R
8	22	57,5	● P062M008058L	● P062M008058R
10	22	57,5	● P062M010058L	● P062M010058R
12	22	57,5	● P062M012058L	● P062M012058R
4	27	70	● P062M004070L	● P062M004070R
5	35	70	● P062M005070L	● P062M005070R
6	35	70	● P062M006070L	● P062M006070R
7	35	70	● P062M007070L	● P062M007070R
8	35	70	● P062M008070L	● P062M008070R
10	35	70	● P062M010070L	● P062M010070R
12	35	70	● P062M012070L	● P062M012070R
5	40	77	● P062M005077L	● P062M005077R
6	40	77	● P062M006077L	● P062M006077R
8	40	77	● P062M008077L	● P062M008077R
10	40	77	● P062M010077L	● P062M010077R
12	40	77	● P062M012077L	● P062M012077R

Spec.

P062M99L

P062M99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi.**
Tools not ready in stock minimum order quantity: **20 pieces.**

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
3000	0,5 m/min
4000	1,2 m/min
5000	1,5 m/min
6000	1,8 m/min
8000	2,2 m/min

MDF-Wood

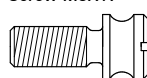
RPM	Feed Speed
3000	0,3 m/min
4000	0,8 m/min
5000	1,0 m/min
6000	1,2 m/min
8000	1,7 m/min

The data are indicative only, MW is not responsible for any incorrect application

Screw M5X10



Screw M5X17





Punte componibili
per fori passanti



HW Durchgangsbohrer



Mèches à percer
pour trou débouchants



Сквозные сверла

P064

HW Through-hole dowel drills



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • Corpo con 4 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori passanti su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip with 2 teeth • Body with 2 spirals • Ground shank with flat and screw • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • Indicated to make through holes on solid wood, wood composites, laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Left Code	Right Code
5	25	55,5	● P064M005055L	● P064M005055R
6	25	55,5	● P064M006055L	● P064M006055R
8	25	55,5	● P064M008055L	● P064M008055R
10	25	55,5	● P064M010055L	● P064M010055R
5	35	67	● P064M005067L	● P064M005067R
6	35	67	● P064M006067L	● P064M006067R
8	35	67	● P064M008067L	● P064M008067R
10	35	67	● P064M010067L	● P064M010067R
Spec.			P064M99L	P064M99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
3000	0,5 m/min
4000	1,2 m/min
5000	1,5 m/min
6000	1,8 m/min
8000	2,2 m/min

MDF-Wood

RPM	Feed Speed
3000	0,3 m/min
4000	0,8 m/min
5000	1,0 m/min
6000	1,2 m/min
8000	1,7 m/min

The data are indicative only, MW is not responsible for any incorrect application

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

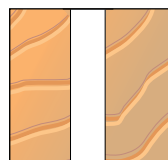
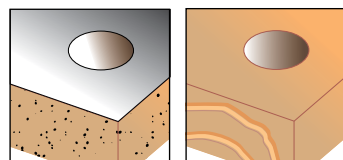
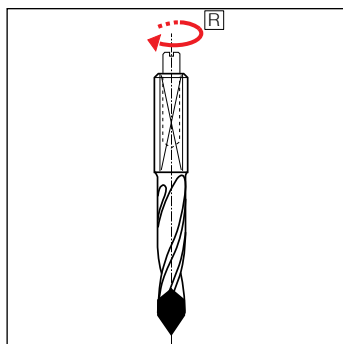
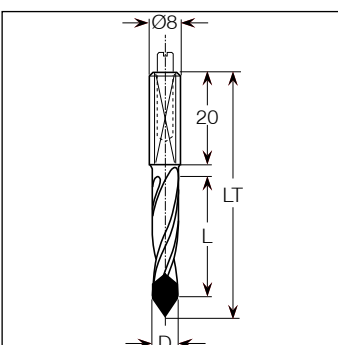
FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

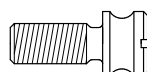
RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Screw M5X10



Screw M5X17



P066

HW Through-hole dowel drills



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in **HW integrale speciale** • 2 taglienti • Doppia inclinazione passante • Corpo con 2 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori passanti su MDF, truciolare, laminati e simili

Obtained from steel with a high mechanical resistance • **Special qualityt carbide tip** • 2 teeth • Special V point geometry • Body with 2 spirals • Ground shank with flat and screw • Covered by a florine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • Indicated to make through holes on solid wood, wood composites, laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Left Code	Right Code
5	22	57,5	● P066M005057L	● P066M005057R
6	22	57,5	● P066M006057L	● P066M006057R
8	22	57,5	● P066M008057L	● P066M008057R
10	22	57,5	● P066M010057L	● P066M010057R
5	35	70	● P066M005070L	● P066M005070R
6	35	70	● P066M006070L	● P066M006070R
8	35	70	● P066M008070L	● P066M008070R
10	35	70	● P066M010070L	● P066M010070R

Spec.		P066M99L	P066M99R
-------	--	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

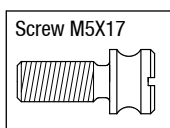
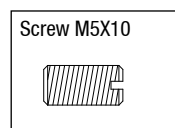
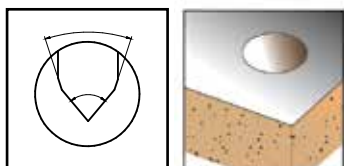
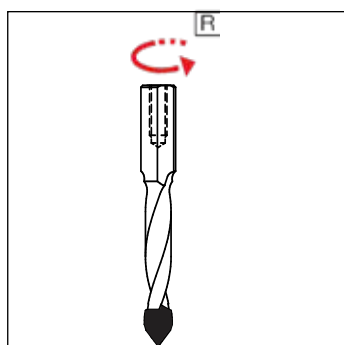
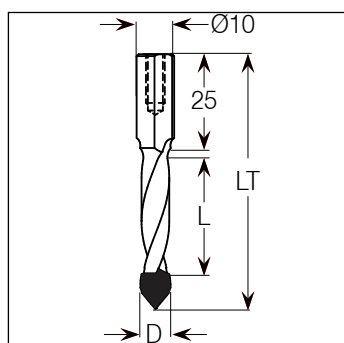
Chipboard

RPM	Feed Speed
3000	1 m/min
4000	1,5 m/min
5000	2,0 m/min
6000	2,5 m/min
8000	2,8 m/min

MDF-Wood

RPM	Feed Speed
3000	0,7 m/min
4000	1,0 m/min
5000	1,4 m/min
6000	1,7 m/min
8000	2,0 m/min

The data are indicative only, MW is not responsible for any incorrect application





Punte componibili
INTEGRALI
per fori passanti "ELICA"

"ELICA" VHW
Durchgangsbohrer

Mèches à percer
pour trou débouchants
carbure monobloc "ELICA"

Однокорпусные
сквозные сверла "ELICA"

P067

NEW

HWM Through-hole dowel drills "Elica"



Ottenute da acciaio di elevata resistenza meccanica • Corpo in HW integrale speciale • 2 taglienti • Doppia inclinazione passante • Corpo con 2 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Rivestite con resine fluorocarbonica PTFE per una migliore evacuazione del truciolo • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori passanti su MDF, truciolare, laminati e simili

Obtained from steel with a high mechanical resistance • Solid carbide body with 2 teeth • Special V point geometry • Body with 2 spirals • Ground shank with flat and screw • Use on drilling machines with chucks or adapters • Indicated to make through holes on wood composite laminated panels and similar.

elica

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	L1	LT	Left Code	Right Code
3	18	33	57,5	● P067M003057L	● P067M003057R
4	22	27	57,5	● P067M004057L	● P067M004057R
5	20	27	57,5	● P067M005057L	● P067M005057R
6	20	27	57,5	● P067M006057L	● P067M006057R
8	20	27	57,5	● P067M008057L	● P067M008057R
10	20	27	57,5	● P067M010057L	● P067M010057R
3	20	40	70	● P067M003070L	● P067M003070R
4	25	35	70	● P067M004070L	● P067M004070R
5	33	27	70	● P067M005070L	● P067M005070R
6	33	27	70	● P067M006070L	● P067M006070R
8	33	27	70	● P067M008070L	● P067M008070R
10	33	27	70	● P067M010070L	● P067M010070R

Spec.

P067M99L

P067M99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
4000	1,5 m/min
5000	2,0 m/min
6000	2,5 m/min
8000	2,8 m/min
9000	3,0 m/min

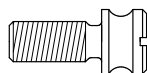
MDF-Wood

RPM	Feed Speed
4000	1,0 m/min
5000	1,4 m/min
6000	1,7 m/min
8000	2,0 m/min
9000	2,1 m/min

The data are indicative only, MW is not responsible for any incorrect application

Screw M5X10

Screw M5X17



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P068

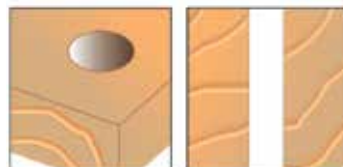
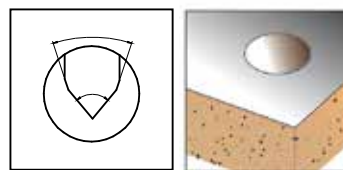
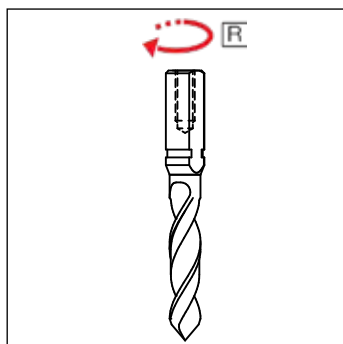
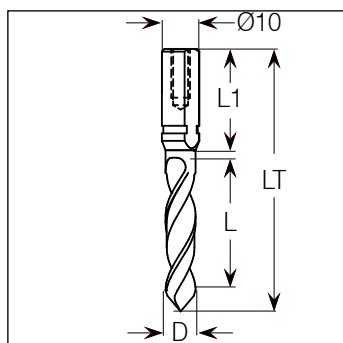
HWM Through-hole dowel drills



Costruite con corpo in HW integrale ed attacco in acciaio di elevata resistenza meccanica • 2 taglienti • Doppia inclinazione passante • Corpo con 2 scarichi elicoidali • Attacco rettificato con piano di fissaggio e vite di regolazione • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori passanti su MDF, truciolare, laminati e simili

Obtained from steel with a high mechanical resistance • Solid carbide body with 2 teeth • Special V point geometry • Body with 2 spirals • Ground shank with flat and screw • Use on drilling machines with chucks or adapters • Indicated to make through holes on wood composites laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request



D	L	L1	LT	Left Code	Right Code
3	18	33	57,5	● P068M003057L	● P068M003057R
4	22	27	57,5	● P068M004057L	● P068M004057R
5	20	27	57,5	● P068M005057L	● P068M005057R
6	20	27	57,5	● P068M006057L	● P068M006057R
8	20	27	57,5	● P068M008057L	● P068M008057R
10	20	27	57,5	● P068M010057L	● P068M010057R
3	20	40	70	● P068M003070L	● P068M003070R
4	25	35	70	● P068M004070L	● P068M004070R
5	33	27	70	● P068M005070L	● P068M005070R
6	33	27	70	● P068M006070L	● P068M006070R
8	33	27	70	● P068M008070L	● P068M008070R
10	33	27	70	● P068M010070L	● P068M010070R

Spec. P068M99L P068M99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
4000	1,5 m/min
5000	2,0 m/min
6000	2,5 m/min
8000	2,8 m/min
9000	3,0 m/min

MDF-Wood

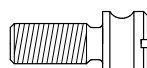
RPM	Feed Speed
4000	1,0 m/min
5000	1,4 m/min
6000	1,7 m/min
8000	2,0 m/min
9000	2,1 m/min

The data are indicative only, MW is not responsible for any incorrect application

Screw M5X10



Screw M5X17





Esempi di accoppiamento
tra mandrini
e punte componibili

Mögliche Bohrer
und Senkerkombinationen

Exemples d'accouplement
mandrins-mèches à percer

Примеры можнатажа
зенкеров на сверла сверла

Examples of coupling between chucks and drills

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

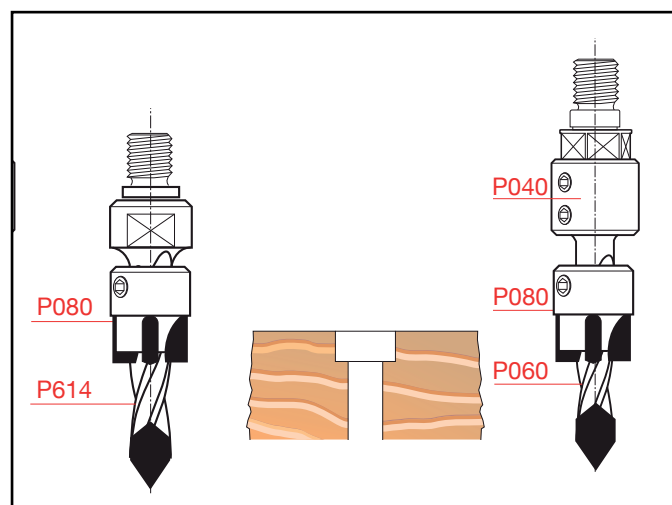
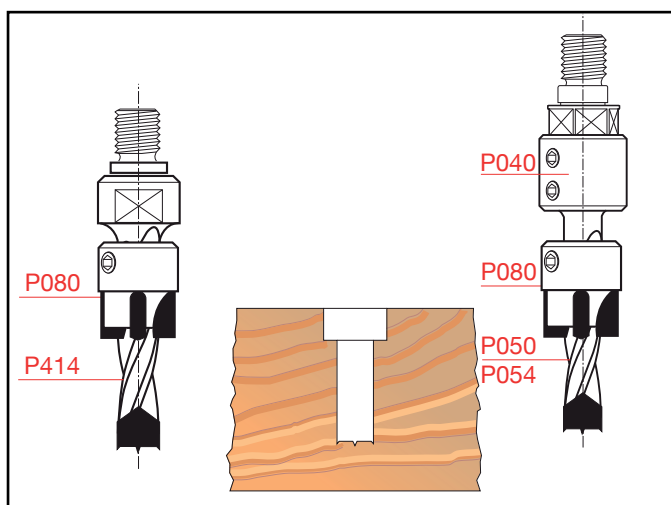
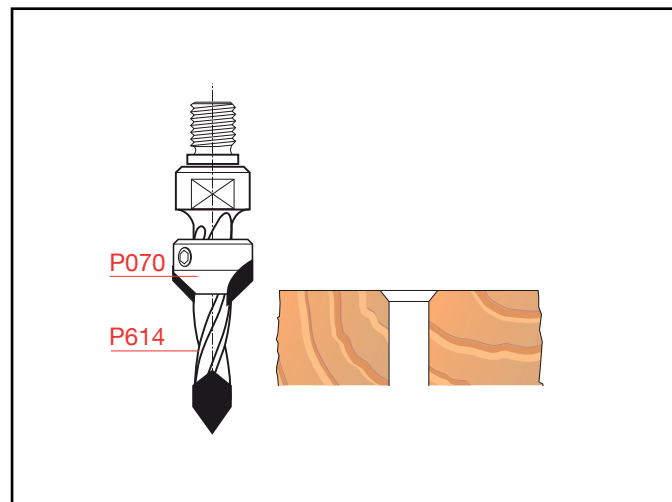
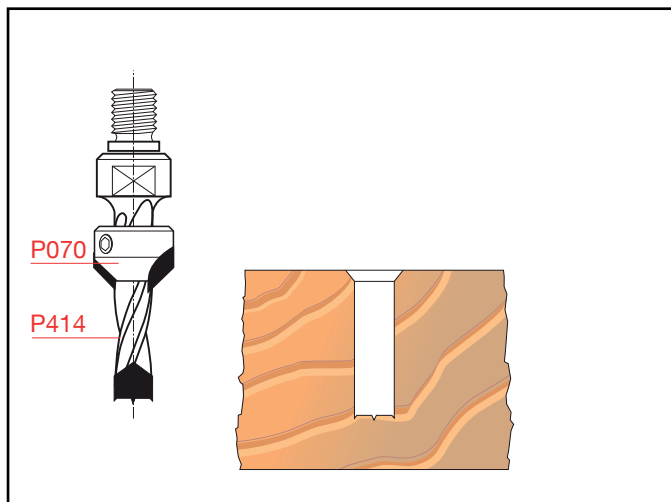
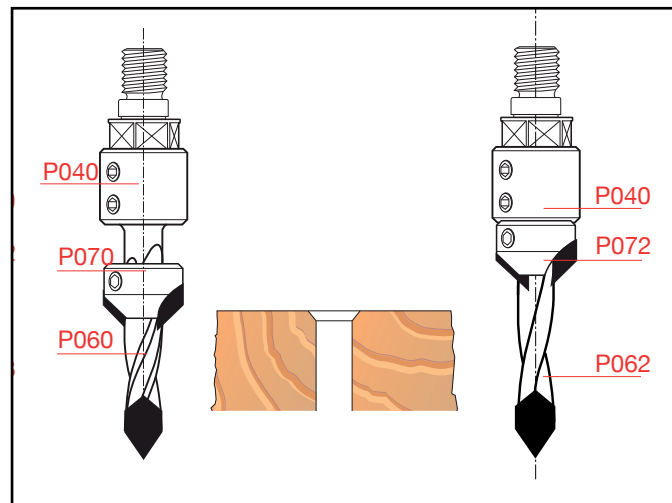
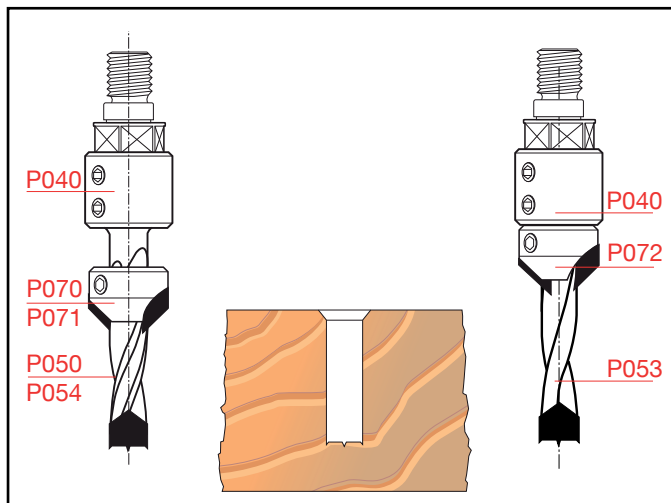
FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



P069

NEW

HWM Solid carbide drill pins



Costruite con corpo in HW integrale ed attacco in acciaio di elevata resistenza meccanica • 1 tagliente • Attacco rettificato con piano di fissaggio e vite di regolazione • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori su MDF, truciolare, laminati e simili

Obtained from steel with a high mechanical resistance • Solid carbide body • Special V point geometry • Ground shank with flat and screw • Use on drilling machines with chucks or adapters • Indicated to make holes on wood composites, MDF, chipboard and laminated panels.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	d	Right Code	
2	12	57,5	10X33	■	P069M020057R
2,5	16	57,5	10X33	■	P069M025057R
3	15	57,5	10X33	■	P069M030057R
3,5	18	57,5	10X27	■	P069M035057R
5	25	57,5	10X27	■	P069M050057R
2	12	70	10X40	■	P069M020070R
2,5	16	70	10X40	■	P069M025070R
3	25	70	10X40	■	P069M030070R
3,5	18	70	10X40	■	P069M035070R
5	35	70	10X27	■	P069M050070R

Spec.				P069M99R
-------	--	--	--	----------

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimun order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
3000	1,5 m/min
4000	2,5 m/min
5000	3,0 m/min
6000	3,5 m/min
8000	4,0 m/min

MDF-Wood

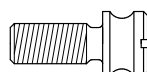
RPM	Feed Speed
3000	1,5 m/min
4000	2,5 m/min
5000	3,0 m/min
6000	3,5 m/min
8000	4,0 m/min

The data are indicative only, MW is not responsible for any incorrect application

Screw M5X10



Screw M5X17



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Svasatori componibili

HW Aufstecksenker

Fraisoir

Зенкеры

P070**HW Countersinks**

Ottenuti da acciaio di elevata resistenza meccanica • 2 taglienti in HW • Fissaggio mediante vite • Da montare su punte componibili art. P050 – P054 – P060 – P064 e punte foratrici P414 – P614 • Indicati per svasare fori su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 Carbide teeth • Fixing by means of a screw • To mount on dowel drills and through hole dowel drills P050-P054-P060 and P414-P614 • Indicated to make bevelled holes on solid wood, wood composites, laminated panels and similar.

Z2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

F	D	Left Code	Right Code
4	14	● P070M04AAAAAL	● P070M04AAAAAR
5	16	● P070M05AAAAAL	● P070M05AAAAAR
6	16	● P070M06AAAAAL	● P070M06AAAAAR
7	18	● P070M07AAAAAL	● P070M07AAAAAR
8	18	● P070M08AAAAAL	● P070M08AAAAAR
9	20	● P070M09AAAAAL	● P070M09AAAAAR
10	20	● P070M10AAAAAL	● P070M10AAAAAR
12	22	● P070M12AAAAAL	● P070M12AAAAAR

Spec.	P070M99L	P070M99R
-------	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

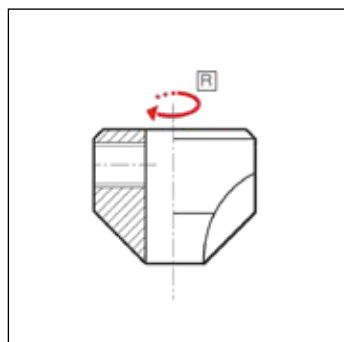
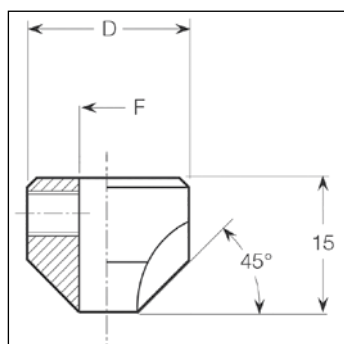
Type	Dimensions	Code
Screw (D.4–10)	M5X5	● WVGR5
Screw (D.12–14)	M6X6	● WVGR6

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P071**HS Countersinks**TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

Ottenuti da acciaio di elevata resistenza meccanica • 2 taglienti in HS • Fissaggio mediante vite • Da montare su punte componibili per forare • Indicati per svasare fori su legno naturale

Obtained from steel with a high mechanical resistance • 2 HS teeth • Fixing by means of a screw • To mount on dowel drills and through hole dowel drills • Indicated to make bevelled holes on solid wood

**Z2**

● = Ready in stock ■ = Delivery time 20 working days △ = On request

F	D	Left Code	Right Code
4	16	● P071S04AAAAL	● P071S04AAAAAR
5	16	● P071S05AAAAL	● P071S05AAAAAR
6	16	● P071S06AAAAL	● P071S06AAAAAR
7	18	● P071S07AAAAL	● P071S07AAAAAR
8	18	● P071S08AAAAL	● P071S08AAAAAR
9	20	● P071S09AAAAL	● P071S09AAAAAR
10	20	● P071S10AAAAL	● P071S10AAAAAR
12	22	● P071S12AAAAL	● P071S12AAAAAR
Spec.		P071S99L	P071S99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw (D.4–10)	M5X5	● WVGR5
Screw (D.12–14)	M6X6	● WVGR6



Svasatori componibili

HW Aufstecksenker

Fraisoir

Зенкеры

P072**HW Countersinks**

Ottenuti da acciaio di elevata resistenza meccanica • 2 taglienti in HW • Fissaggio mediante vite • Da montare su punte componibili art. P053 – P056 – P062 – P066 • Indicate per svasare fori su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 Carbide teeth • Fixing by means of a screw • Use on dowell drills P053 - P056 - P062 - P066 • Indicated to make bevelled holes on wood, wood composites, laminated panels and similar.

Z2

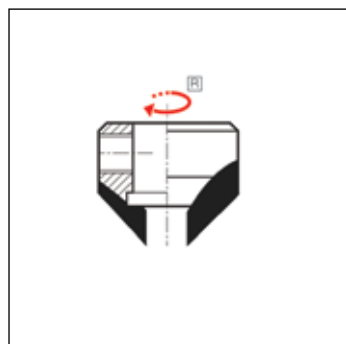
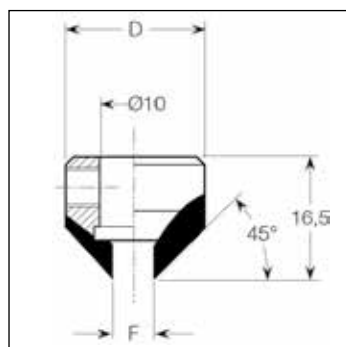
● = Ready in stock ■ = Delivery time 20 working days △ = On request

F	D	Left Code	Right Code
5÷10	20	● P072M1020AAL	● P072M1020AAR
12	22	● P072M1222AAL	● P072M1222AAR
Spec.		P072M99L	P072M99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X5	● WVGR5

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P080

HW Countersinks



Ottenuti da acciaio di elevata resistenza meccanica • 2 taglienti • 2 rasanti in HW • Fissaggio mediante vite • Da montare su punte componibili art. P050 – P054 – P060 – P064 e punte foratrici P414 – P614 • Indicati per l'esecuzione di doppi fori su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 teeth • 2 spurs • Fixing by means of a screw • Use on dowel drills and through hole dowel drills P050 - P054 - P060 and P414 - P614 • Indicated to bevel holes on wood, wood composites, laminated panels and similar.

Z2+2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	Left Code	Right Code
20	■ P080M20AAAAL	■ P080M20AAAAR
25	■ P080M25AAAAL	■ P080M25AAAAR
30	■ P080M30AAAAL	■ P080M30AAAAR
35	■ P080M35AAAAL	■ P080M35AAAAR
40	■ P080M40AAAAL	■ P080M40AAAAR
Spec.	P080M99L	P080M99R

■ Utensili non a magazzino, quantità minima d'ordine: **2 pezzi**.
Tools not ready in stock minimum order quantity: **2 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X5	● WVGR5

* In fase di ordine indicare la dimensione del diametro F

* At the order specify the dimension of the diameter F

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Mandri svasatori
portapunte

HW Bohraufnahme
mit Versenker

Fraisoir porte-mèche

Адаптеры для сверел с
зенкером

P400

HW Countersinks chucks



Ottenuti da acciaio di elevata resistenza meccanica • 2 taglienti in HW • Vite per fissaggio punta a forare • Da montare su macchine foratrici: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE • Da accoppiare con punte art. P104 - P105 - P107 • Indicate per la svasatura di fori su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 carbide teeth • Screw for fixing twist drills • Use on the following drilling machines: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE • Use with drills item nr. P104 - P105 - P107 • Indicated to make bevelled holes on wood, laminated panels and similar.

Z2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

F	D	Left Code	Right Code
3	16	● P400M30AAAAL	● P400M30AAAAR
3,5	16	● P400M35AAAAL	● P400M35AAAAR
4	16	● P400M40AAAAL	● P400M40AAAAR
4,5	16	● P400M45AAAAL	● P400M45AAAAR
5	16	● P400M50AAAAL	● P400M50AAAAR
5,5	16	● P400M55AAAAL	● P400M55AAAAR
6	16	● P400M60AAAAL	● P400M60AAAAR
Spec.		P400M99L	P400M99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X5	● WVGR5

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

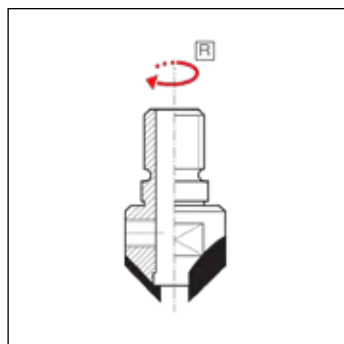
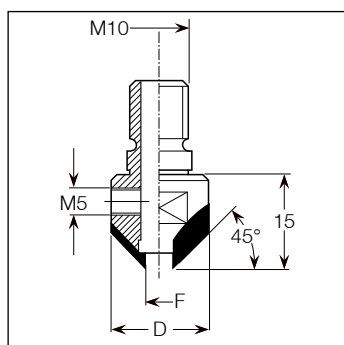
FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Tutti i marchi presenti sono proprietà dei rispettivi proprietari. All trademarks are the property of their respective holders.

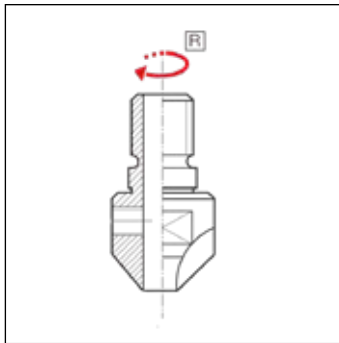
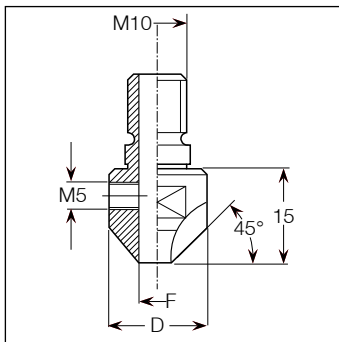
P401

HS Countersinks chucks



Ottenuti da acciaio HS • 2 taglienti • Vite per fissaggio punta a forare • Da montare su macchine foratrici: ALBERTI – BALESTRINI – BIESSE – BUSELLATO – GESSNER – MORBIDELLI – REIMALL – TORWEGGE – VITAP – WEEKE • Da accoppiare con punte art. P104 – P105 – P107 • Indicati per la svasatura di fori su legno naturale

Obtained from steel HS • 2 teeth • Screw for fixing twist drills • Use on the following drilling machines: ALBERTI – BALESTRINI – BIESSE – BUSELLATO – GESSNER – MORBIDELLI – REIMALL – TORWEGGE – VITAP – WEEKE • Use with drills item nr. P104 - P105 - P107 • Indicated to make bevelled holes on massiv wood



Z2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

F	D	Left Code	Right Code
3	16	● P401S30AAAAAL	● P401S30AAAAAR
3,5	16	● P401S35AAAAAL	● P401S35AAAAAR
4	16	● P401S40AAAAAL	● P401S40AAAAAR
4,5	16	● P401S45AAAAAL	● P401S45AAAAAR
5	16	● P401S50AAAAAL	● P401S50AAAAAR
5,5	16	● P401S55AAAAAL	● P401S55AAAAAR
6	16	● P401S60AAAAAL	● P401S60AAAAAR
Spec.		P401S99L	P401S99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X5	● WVGR5

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Mandri svasatori
portapunte



HW Bohraufnahme
mit Versenker



Mandrin Fraisoir porte-mèche



Адаптеры для сверел
с зенкером

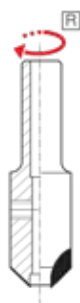
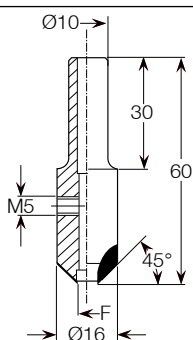
P094

HW Countersinks chucks



Ottenuti da acciaio di elevata resistenza meccanica • 2 taglienti in HW • Vite per fissaggio punta a forare • Attacco rettificato • Da montare accoppiate con punte art. P104 – P105 – P107 • Indicati per la svasatura di fori su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 Carbide teeth • Screw for fixing twist drills • Ground shank • Use with drills item nr. P104 - P105 - P107 • Indicated to make holes on wood, wood composites, laminated panels and similar.



Z2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

F	Left Code	Right Code
3	● P094M30AAAAL	● P094M30AAAAR
3,5	● P094M35AAAAL	● P094M35AAAAR
4	● P094M40AAAAL	● P094M40AAAAR
4,5	● P094M45AAAAL	● P094M45AAAAR
5	● P094M50AAAAL	● P094M50AAAAR
5,5	● P094M55AAAAL	● P094M55AAAAR
6	● P094M60AAAAL	● P094M60AAAAR
Spec.	P094M99L	P094M99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X5	● WVGR5

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

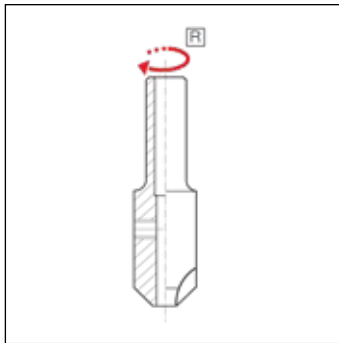
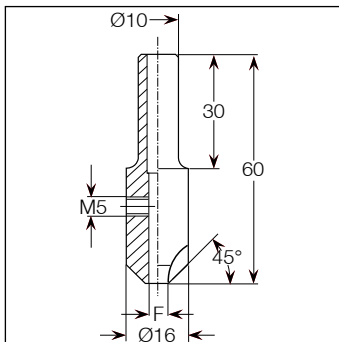
MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P095**HS Countersinks chucks**

Ottenuti da acciaio HS • Esecuzione con 2 taglienti • Vite per fissaggio punta a forare • Attacco rettificato • Da montare accoppiate con punte art. P104 – P105 – P107 • Indicati per la svasatura di fori su legno naturale

Obtained from steel HS • Execution with 2 teeth • Screw for fixing twist drills • Ground shank • Use with P104 - P105 - P107 • Indicated to make holes on solid wood

**Z2**

● = Ready in stock ■ = Delivery time 20 working days △ = On request

F	Left Code	Right Code
3	● P095S30AAAAL	● P095S30AAAAR
3,5	● P095S35AAAAL	● P095S35AAAAR
4	● P095S40AAAAL	● P095S40AAAAR
4,5	● P095S45AAAAL	● P095S45AAAAR
5	● P095S50AAAAL	● P095S50AAAAR
5,5	● P095S55AAAAL	● P095S55AAAAR
6	● P095S60AAAAL	● P095S60AAAAR
Spec.	P095S99L	P095S99R

■ Utensili non a magazzino, quantità minima d'ordine: **20 pezzi**.
Tools not ready in stock minimum order quantity: **20 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X5	● WVGR5

P100

HW Twist drills



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • 2 rasanti • Centrino • Corpo con 4 scarichi elicoidali • Attacco rettificato • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Indicate per l'esecuzione di fori su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • 2 spurs • Centre point • Body with 4 spirals • Ground shank • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • To make holes on wood, wood composites, laminated panels and similar.

LT Max=120

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	d	Left Code	Right Code
6	6	△ P100M06120AL	△ P100M06120AR
8	8	△ P100M08120AL	△ P100M08120AR
10	10	△ P100M10120AL	△ P100M10120AR
12	12	△ P100M12120AL	△ P100M12120AR
14	14	△ P100M14120AL	△ P100M14120AR
16	16	△ P100M16120AL	△ P100M16120AR
18	18	△ P100M18120AL	△ P100M18120AR

LT Max=180

D	d	Left Code	Right Code
10	10	△ P100M10180AL	△ P100M10180AR
12	12	△ P100M12180AL	△ P100M12180AR
14	14	△ P100M14180AL	△ P100M14180AR
16	16	△ P100M16180AL	△ P100M16180AR
18	18	△ P100M18180AL	△ P100M18180AR

LT Max=220

D	d	Left Code	Right Code
12	12	△ P100M12220AL	△ P100M12220AR
14	14	△ P100M14220AL	△ P100M14220AR
16	16	△ P100M16220AL	△ P100M16220AR
18	18	△ P100M18220AL	△ P100M18220AR

Spec.	P100M99L	P100M99R
Spec. HS	P100S99L	P100S99R

△ Utensili non a magazzino, quantità minima d'ordine: **5 pezzi**.
Tools not ready in stock minimum order quantity: **5 pieces**.

P104

HWM Twist drills in solid carbide



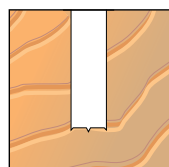
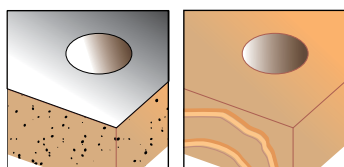
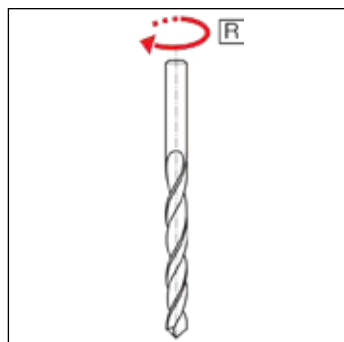
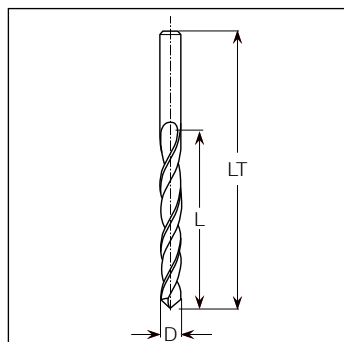
Ottenute da HW integrale di ottima qualità • 2 taglienti • 2 scarichi elicoidali con spoglia dorsale • Indicate per l'esecuzione di fori su legno, suoi derivati, laminati e simili

Obtained from high quality solid carbide • 2 teeth • 2 spirals with back clearance angle • Indicated to make holes on wood, wood composites, laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Left Code	Right Code
2	24	49	● P104M20049AL	● P104M20049AR
2,5	24	49	● P104M25049AL	● P104M25049AR
3	30	55	● P104M30055AL	● P104M30055AR
3,5	30	55	● P104M35055AL	● P104M35055AR
4	30	55	● P104M40055AL	● P104M40055AR
4,5	35	60	● P104M45060AL	● P104M45060AR
5	35	60	● P104M50060AL	● P104M50060AR
Spec.			P104M99L	P104M99R

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimun order quantity: **10 pieces**.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte elicoidali



HS Spiralbohrer



Mèches à tourillonner



Сверла HS

P105**HS Twist drills**

Ottenute da acciaio HS con elevata resistenza all'usura • 2 taglienti • 2 scarichi elicoidali con spoglia dorsale • Indicate per l'esecuzione di fori ciechi su legno naturale

Obtained from steel HS with a high wear resistance • 2 teeth • 2 spirals with back clearance angle • Indicated to make holes on solid wood

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Left Code	Right Code	
3	33	61	● P105S03061AL	● P105S03061AR	
3,5	39	70	● P105S03570AL	● P105S03570AR	
4	43	75	● P105S04075AL	● P105S04075AR	
4,5	47	80	● P105S04580AL	● P105S04580AR	
5	52	86	● P105S05086AL	● P105S05086AR	
5,5	57	93	● P105S05593AL	● P105S05593AR	
6	57	93	● P105S06093AL	● P105S06093AR	
Spec.			P105S99L	P105S99R	

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P107**HS Twist drills with long spiral**

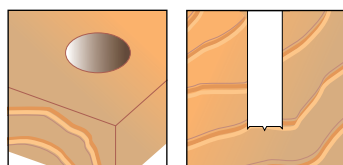
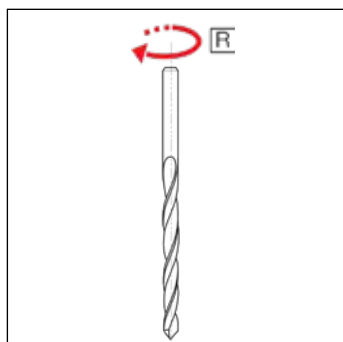
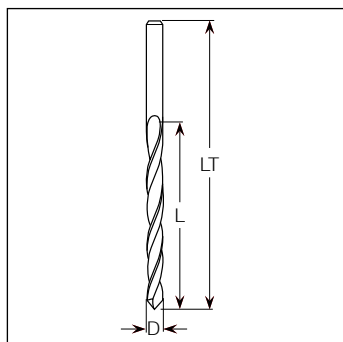
Ottenute da acciaio HS con elevata resistenza all'usura • 2 taglienti • 2 scarichi elicoidali con spoglia dorsale • Indicate per l'esecuzione di fori ciechi su legno naturale con esigenze particolari per l'evacuazione del truciolo

Obtained from steel HS with a high wear resistance • 2 teeth • 2 spirals with back clearance angle • Indicated to make holes on solid wood for special requirements of chip removal

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Code
3	33	61	● P107S30061AR
3,5	39	70	● P107S35070AR
4	43	75	● P107S40075AR
4,5	47	80	● P107S45080AR
5	52	86	● P107S50086AR
5,5	57	93	● P107S55093AR
6	57	93	● P107S60093AR
Spec.		P107S99R	

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

Punte elicoidali
per fori profondi

Schlangenbohrer

Mèches pour perçage profond

Сверла для глубокого
сверления

P108

HS Auger bits

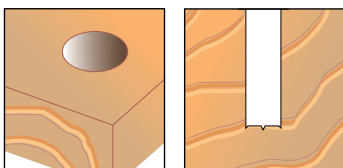
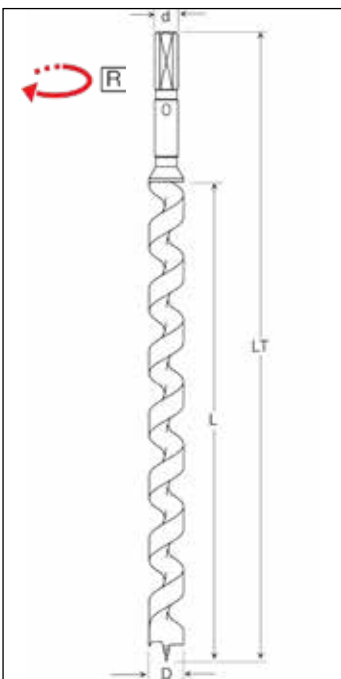


Ottenute da acciaio HS con elevata resistenza all'usura • 2 taglienti • 2 scarichi elicoidali con spoglia dorsale • Indicate per l'esecuzione di fori ciechi su legno naturale con esigenze particolari per l'evacuazione del truciolo • Adatte per fori profondi

Obtained from steel HS with a high wear resistance • 2 teeth • 2 spirals with back clearance angle • Indicated to make holes on solid wood for special requirements of chip removal • Available for deep holes

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	d	Code
10	165	235	9	△ P108S100235R
10	250	320	9	△ P108S100250R
10	310	380	9	△ P108S100380R
10	390	460	9	△ P108S100460R
10	580	650	9	△ P108S100650R
11	165	235	10	△ P108S110235R
11	250	320	10	△ P108S110320R
11	390	460	10	△ P108S110460R
12	165	235	12	△ P108S120235R
12	250	320	12	△ P108S120320R
12	310	380	12	△ P108S120380R
12	390	460	12	△ P108S120460R
12	580	650	12	△ P108S120650R
12	810	880	12	△ P108S120880R
13	165	235	12	△ P108S130235R
13	250	320	12	△ P108S130320R
13	390	460	12	△ P108S130460R
14	165	235	12	△ P108S140235R
14	250	320	12	△ P108S140320R
14	310	380	12	△ P108S140380R
14	390	460	12	△ P108S140460R
14	580	650	12	△ P108S140650R
14	810	880	12	△ P108S140880R
16	165	235	12	△ P108S160235R
16	250	320	12	△ P108S160320R
16	310	380	12	△ P108S160380R
16	390	460	12	△ P108S160460R
16	580	650	12	△ P108S160650R
16	810	880	12	△ P108S160880R
17	165	235	12	△ P108S170235R
17	250	320	12	△ P108S170320R
17	390	460	12	△ P108S170460R
18	165	235	12	△ P108S180235R
18	250	320	12	△ P108S180320R
18	310	380	12	△ P108S180380R
18	390	460	12	△ P108S180460R
18	580	650	12	△ P108S180650R
18	810	880	12	△ P108S180880R
19	110	235	12	△ P108S190235R
20	165	235	12	△ P108S200235R
20	250	320	12	△ P108S200320R
20	310	380	12	△ P108S200380R



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

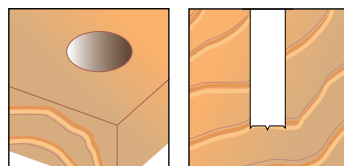
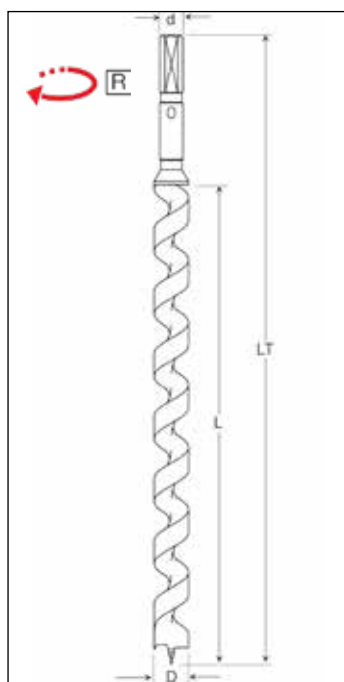
FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P108

HS Auger bits



● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	d	Code
20	390	460	12	△ P108S200460R
20	580	650	12	△ P108S200650R
20	810	880	12	△ P108S200880R
22	165	235	12	△ P108S220235R
22	250	320	12	△ P108S220320R
22	310	380	12	△ P108S220380R
22	390	460	12	△ P108S220460R
22	580	650	12	△ P108S220650R
22	810	880	12	△ P108S220880R
24	165	235	12	△ P108S240235R
24	250	320	12	△ P108S240320R
24	310	380	12	△ P108S240380R
24	390	460	12	△ P108S240460R
24	580	650	12	△ P108S240650R
24	810	880	12	△ P108S240880R
25	100	200	12	△ P108S250200R
25	250	320	12	△ P108S250320R
25	390	460	12	△ P108S250460R
25	810	880	12	△ P108S250880R
26	165	235	12	△ P108S260235R
26	250	320	12	△ P108S260320R
26	310	380	12	△ P108S260380R
26	390	460	12	△ P108S260460R
26	580	650	12	△ P108S260650R
26	810	880	12	△ P108S260880R
28	165	235	12	△ P108S280235R
28	250	320	12	△ P108S280320R
28	310	380	12	△ P108S280380R
28	390	460	12	△ P108S280460R
28	580	650	12	△ P108S280650R
30	165	235	12	△ P108S300235R
30	250	320	12	△ P108S300320R
30	310	380	12	△ P108S300380R
30	390	460	12	△ P108S300460R
30	580	650	12	△ P108S300650R
32	165	235	12	△ P108S320235R
32	250	320	12	△ P108S320320R
32	310	380	12	△ P108S320380R
32	390	460	12	△ P108S320460R
32	580	650	12	△ P108S320650R
32	810	880	12	△ P108S320880R
35	165	235	12	△ P108S350235R
35	250	320	12	△ P108S350320R
35	390	460	12	△ P108S350460R

△ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimun order quantity: **10 pieces**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte elicoidali
per fori profondi



HS Spiralbohrer
mit langen Spannuten



Mèches pour perçage profond



Сверла для глубокого
сверления

P109

HS Twist drills for deep holes



Ottenute da acciaio HS con elevata resistenza all'usura • 2 taglienti • 2 scarichi elicoidali con spoglia dorsale • Indicate per l'esecuzione di fori ciechi su legno naturale con esigenze particolari per l'evacuazione del truciolo • Adatte per fori profondi

Obtained from steel HS with a high wear resistance • 2 teeth • 2 spirals with back clearance angle • Indicated to make holes on solid wood for special requirements of chip removal • Available for deep holes

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Code	
3	66	100	△ P109S30100AR	
3,5	73	112	△ P109S35112AR	
4	78	119	△ P109S40119AR	
4,5	82	126	△ P109S45126AR	
5	87	132	△ P109S50132AR	
5,5	91	139	△ P109S55139AR	
6	91	139	△ P109S60139AR	
Spec.		P109S99R		

△ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P111

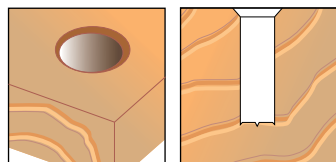
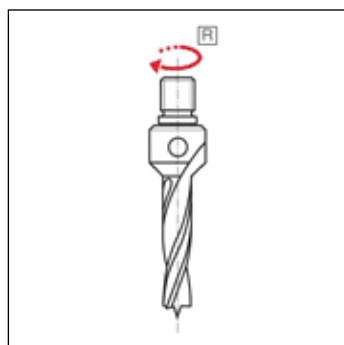
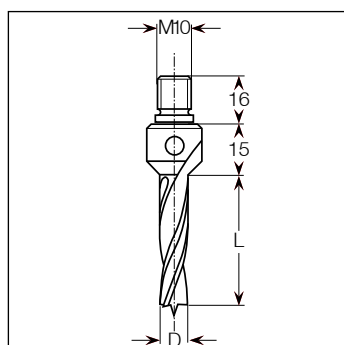
HS Dowel drills with countersink



Ottenute da acciaio HS • 2 taglienti • 2 rasanti • Centrina • 2 taglienti svasatori • Corpo con 4 scarichi elicoidali • Da montare su macchine foratrici: ALBERTI – BALESTRINI – BIESSE – BUSELLATO – GESSNER – MORBIDELLI – REIMALL – TORWEGGE – VITAP – WEEKE • Indicate per l'esecuzione di fori svasati su legno naturale.

Obtained from steel HS • 2 teeth • 2 spurs • Centre point • 2 countersink-teeth • Body with 4 spirals • Use on the following drilling machines: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE • Indicated to make holes with bevels on solid wood

● = Ready in stock ■ = Delivery time 20 working days △ = On request



D	L	Left Code	Right Code
5	20	● P111S0520AAL	● P111S0520AAR
6	20	● P111S0620AAL	● P111S0620AAR
8	20	● P111S0820AAL	● P111S0820AAR
10	20	● P111S1020AAL	● P111S1020AAR
12	20	● P111S1220AAL	● P111S1220AAR
14	20	■ P111S1420AAL	■ P111S1420AAR
5	30	● P111S0530AAL	● P111S0530AAR
6	30	■ P111S0630AAL	■ P111S0630AAR
8	30	● P111S0830AAL	● P111S0830AAR
10	30	● P111S1030AAL	● P111S1030AAR
12	30	● P111S1230AAL	● P111S1230AAR
14	30	● P111S1430AAL	● P111S1430AAR
5	40	● P111S0540AAL	● P111S0540AAR
6	40	● P111S0640AAL	● P111S0640AAR
8	40	● P111S0840AAL	● P111S0840AAR
10	40	● P111S1040AAL	● P111S1040AAR
12	40	● P111S1240AAL	● P111S1240AAR
14	40	● P111S1440AAL	● P111S1440AAR
5	50	● P111S0550AAL	● P111S0550AAR
6	50	● P111S0650AAL	● P111S0650AAR
8	50	● P111S0850AAL	● P111S0850AAR
10	50	● P111S1050AAL	● P111S1050AAR
12	50	● P111S1250AAL	● P111S1250AAR
14	50	● P111S1450AAL	● P111S1450AAR
Spec.		P111S99L	P111S99R

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte con svasatore
per foratrice



HW Dübelbohrer mit Senker,
Schaft M10



Mèches à percer
pour trou borgnes
avec fraisor



Сверла для сверлильных
станков с зенковкой

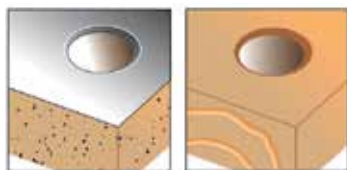
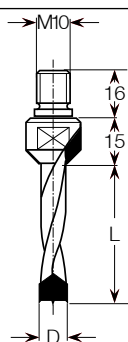
P410

HW Dowel drills with countersink



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • 2 rasanti • Centrino • 2 taglienti svasatori in HW • Corpo con 2 scarichi elicoidali • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici: ALBERTI – BALESTRINI – BIESSE – BUSELLATO – GESSNER – MORBIDELLI – REIMALL – TORWEGGE – VITAP – WEEKE • Indicate per l'esecuzione di fori ciechi e svasati del legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • 2 spurs • Centre point • Countersink with 2 teeth in HW • Body with 2 spirals • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on the following drilling machines: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE • Indicated to make bevelled holes on solid wood, wood composites, laminated panels and similar.



D	L	Left Code	Right Code
5	20	● P410M0520AAL	● P410M0520AAR
6	20	● P410M0620AAL	● P410M0620AAR
8	20	● P410M0820AAL	● P410M0820AAR
10	20	● P410M1020AAL	● P410M1020AAR
12	20	● P410M1220AAL	● P410M1220AAR
14	20	● P410M1420AAL	● P410M1420AAR
5	30	● P410M0530AAL	● P410M0530AAR
6	30	● P410M0630AAL	● P410M0630AAR
8	30	● P410M0830AAL	● P410M0830AAR
10	30	● P410M1030AAL	● P410M1030AAR
12	30	● P410M1230AAL	● P410M1230AAR
14	30	● P410M1430AAL	● P410M1430AAR
5	40	● P410M0540AAL	● P410M0540AAR
6	40	● P410M0640AAL	● P410M0640AAR
8	40	● P410M0840AAL	● P410M0840AAR
10	40	● P410M1040AAL	● P410M1040AAR
12	40	● P410M1240AAL	● P410M1240AAR
14	40	● P410M1440AAL	● P410M1440AAR
5	50	● P410M0550AAL	● P410M0550AAR
6	50	● P410M0650AAL	● P410M0650AAR
8	50	● P410M0850AAL	● P410M0850AAR
10	50	● P410M1050AAL	● P410M1050AAR
12	50	● P410M1250AAL	● P410M1250AAR
14	50	● P410M1450AAL	● P410M1450AAR
Spec.		P410M99L	P410M99R

● = Ready in stock ■ = Delivery time 20 working days △ = On request

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi.**
Tools not ready in stock minimum order quantity: **10 pieces.**

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

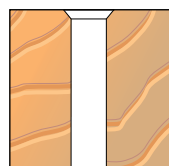
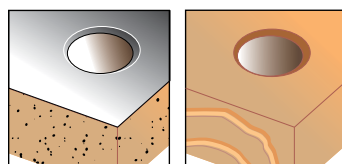
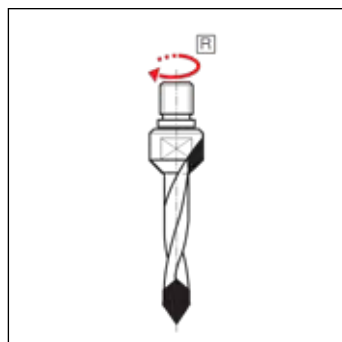
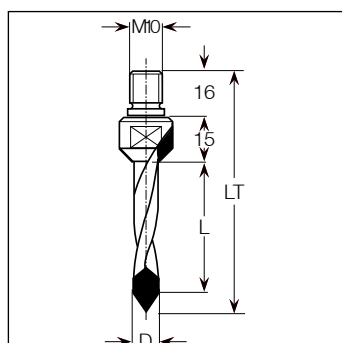
P610

HW Through-hole dowel drills with countersink



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • 2 taglienti svasatori in HW
• Corpo con 2 scarichi elicoidali • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo
• Colore nero per punta rotazione destra • Colore rosso per punta con rotazione sinistra • Da montare su macchine
foratrici: ALBERTI – BALESTRINI – BIESSE – BUSELLATO – GESSNER – MORBIDELLI – REIMALL – TORWEGGE – VITAP
– WEEKE • Indicate per l'esecuzione di fori svasati su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • Countersink with 2 teeth in HW •
Body with 2 spirals • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation
drills • Red colour for left rotation drills • Use on the following drilling machines: ALBERTI - BALESTRINI - BIESSE -
BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE • Indicated to make bevelled holes
on solid wood, wood composites, laminated panels and similar.



D	L	LT	Left Code	Right Code
5	20	55	■ P610M0520AAL	■ P610M0520AAR
6	20	56	■ P610M0620AAL	■ P610M0620AAR
8	20	58	■ P610M0820AAL	■ P610M0820AAR
5	30	65	● P610M0530AAL	● P610M0530AAR
6	30	66	■ P610M0630AAL	■ P610M0630AAR
8	30	68	● P610M0830AAL	● P610M0830AAR
5	40	75	● P610M0540AAL	● P610M0540AAR
6	40	76	■ P610M0640AAL	■ P610M0640AAR
8	40	78	■ P610M0840AAL	■ P610M0840AAR
5	50	85	■ P610M0550AAL	■ P610M0550AAR
6	50	86	● P610M0650AAL	● P610M0650AAR
8	50	88	● P610M0850AAL	● P610M0850AAR

Spec.		P610M99L	P610M99R
-------	--	----------	----------

● = Ready in stock ■ = Delivery time 20 working days △ = On request

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte con svasatore
per foratrice



HW Döbelbohrer mit Senker



Mèches à percer
pour trou borgnes avec fraiseur



Сверла для сверлильных
станков с зенковкой

P618

HW Dowel drills with countersink



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • 2 rasanti • Centrino • 2 taglienti svasatori in HW • Corpo con 2 scarichi elicoidali • Attacco rettificato con piano per fissaggio e vite di regolazione • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori ciechi svasati su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • 2 spurs • Centre point • Countersink with 2 teeth in HW • Body with 2 spirals • Ground shank • Use on drilling machines with chucks or adapters • Indicated to make bevelled holes on solid wood, laminated panels and similar. • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Left Code	Right Code
5	12	57,5	● P618M051257L	● P618M051257R
5	13	57,5	■ P618M051357L	■ P618M051357R
5	15	57,5	■ P618M051557L	■ P618M051557R
5	20	57,5	■ P618M052057L	■ P618M052057R
6	12	57,5	■ P618M061257L	■ P618M061257R
6	13	57,5	■ P618M061357L	■ P618M061357R
6	15	57,5	■ P618M061557L	■ P618M061557R
6	20	57,5	■ P618M062057L	■ P618M062057R
8	12	57,5	● P618M081257L	● P618M081257R
8	13	57,5	● P618M081357L	● P618M081357R
8	15	57,5	● P618M081557L	● P618M081557R
8	20	57,5	● P618M082057L	● P618M082057R
10	12	57,5	● P618M101257L	● P618M101257R
10	13	57,5	■ P618M101357L	■ P618M101357R
10	15	57,5	● P618M101557L	● P618M101557R
10	20	57,5	● P618M102057L	● P618M102057R
5	12	70	■ P618M051270L	■ P618M051270R
5	13	70	● P618M051370L	● P618M051370R
5	15	70	■ P618M051570L	■ P618M051570R
5	20	70	■ P618M052070L	■ P618M052070R
5	25	70	■ P618M052570L	■ P618M052570R
6	12	70	● P618M061270L	● P618M061270R
6	13	70	● P618M061370L	● P618M061370R
6	15	70	■ P618M061570L	■ P618M061570R
6	20	70	■ P618M062070L	■ P618M062070R
6	25	70	● P618M062570L	● P618M062570R
8	12	70	● P618M081270L	● P618M081270R
8	13	70	● P618M081370L	● P618M081370R
8	15	70	● P618M081570L	● P618M081570R
8	20	70	■ P618M082070L	■ P618M082070R
8	25	70	● P618M082570L	● P618M082570R
10	12	70	■ P618M101270L	■ P618M101270R
10	13	70	● P618M101370L	● P618M101370R
10	15	70	■ P618M101570L	■ P618M101570R
10	20	70	■ P618M102070L	■ P618M102070R
10	25	70	● P618M102570L	● P618M102570R

Spec.		P618M99L	P618M99R
-------	--	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P620

HW Through-hole dowel drills with countersink



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • 2 taglienti svasatori in HW • Corpo con 2 scarichi elicoidali • Attacco rettificato con piano per fissaggio e vite di regolazione • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte con rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per l'esecuzione di fori passanti svasati su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • Countersink with 2 teeth in HW • Body with 2 spirals • Ground shank • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • Indicated to make bevelled through holes on solid wood, laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	A	L1	LT	Left Code	Right Code
5	22,5	4,0	57,5	61,5	● P620M0522AAL	● P620M0522AAR
6	22,5	5,0	57,5	62,5	● P620M0622AAL	● P620M0622AAR
8	22,5	6,5	57,5	64	● P620M0822AAL	● P620M0822AAR
5	35	4,0	70	74	● P620M0535AAL	● P620M0535AAR
6	35	5,0	70	75	● P620M0635AAL	● P620M0635AAR
8	35	6,5	70	76,5	■ P620M0835AAL	■ P620M0835AAR
10	35	8,5	70	78,5	● P620M1035AAL	● P620M1035AAR

Spec.

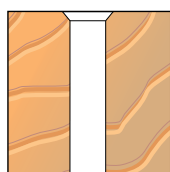
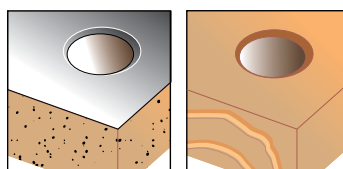
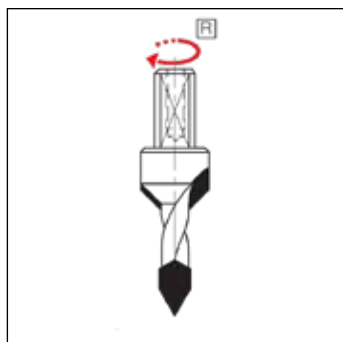
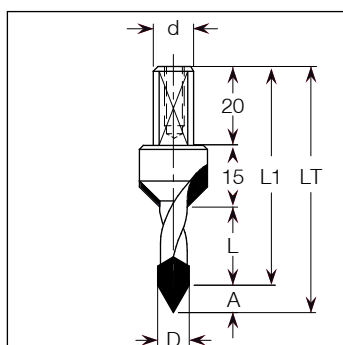
P620M99L

P620M99R

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte senza svasatore
per foratrice



HW Dübelbohrer,
Schaft M10



Mèches à percer
pour trou borgnes sans fraiseur



Сверла для сверлильных
станков

P414

HW Dowel drills



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • 2 rasanti • Centrino • Corpo con 4 scarichi elicoidali • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici: ALBERTI – BALESTRINI – BIESSE – BUSELLATO – GESSNER – MORBIDELLI – REIMALL – TORWEGGE – VITAP – WEEKE • Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • 2 spurs • Centre point • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Body with 4 spirals • Use on the following drilling machines: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE • Indicated to make holes on solid wood, wood composites, laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	Left Code	Right Code
5	20	■ P414M0520AAL	■ P414M0520AAR
6	20	■ P414M0620AAL	■ P414M0620AAR
8	20	● P414M0820AAL	● P414M0820AAR
10	20	● P414M1020AAL	● P414M1020AAR
5	30	● P414M0530AAL	● P414M0530AAR
6	30	● P414M0630AAL	● P414M0630AAR
8	30	● P414M0830AAL	● P414M0830AAR
10	30	● P414M1030AAL	● P414M1030AAR
12	30	● P414M1230AAL	● P414M1230AAR
14	30	● P414M1430AAL	● P414M1430AAR
5	40	■ P414M0540AAL	■ P414M0540AAR
6	40	■ P414M0640AAL	■ P414M0640AAR
8	40	■ P414M0840AAL	■ P414M0840AAR
10	40	● P414M1040AAL	● P414M1040AAR
12	40	● P414M1240AAL	● P414M1240AAR
14	40	● P414M1440AAL	● P414M1440AAR
5	50	● P414M0550AAL	● P414M0550AAR
6	50	● P414M0650AAL	● P414M0650AAR
8	50	■ P414M0850AAL	■ P414M0850AAR
10	50	■ P414M1050AAL	■ P414M1050AAR
12	50	● P414M1250AAL	● P414M1250AAR
14	50	● P414M1450AAL	● P414M1450AAR

Spec.	P414M99L	P414M99R
-------	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi.**
Tools not ready in stock minimum order quantity: **10 pieces.**

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P614

HW Through-hole dowel drills



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • Corpo con 4 scarichi elicoidali • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici: ALBERTI – BALESTRINI – BIESSE – BUSELLATO – GESSNER – MORBIDELLI – REIMALL – TORWEGGE – VITAP – WEEKE • Indicate per l'esecuzione di fori passanti su legno, suoi derivati, laminati e simili

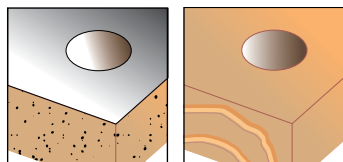
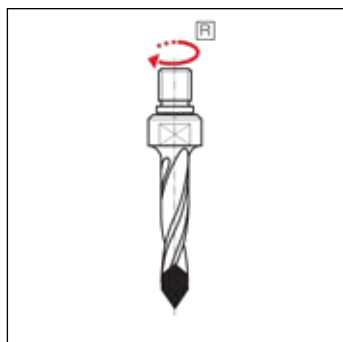
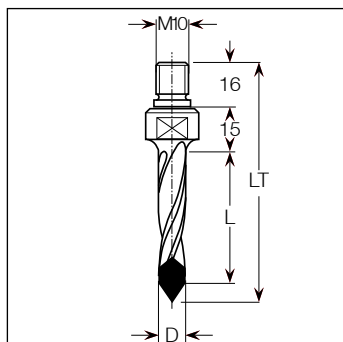
Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • Body with 4 spirals • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on the following drilling machines: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE • Indicated to make through holes on solid wood, wood composites, laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	Left Code	Right Code
5	20	55	■ P614M0520AAL	■ P614M0520AAR
6	20	56	● P614M0620AAL	● P614M0620AAR
8	20	58	■ P614M0820AAL	■ P614M0820AAR
5	30	65	■ P614M0530AAL	■ P614M0530AAR
6	30	66	■ P614M0630AAL	■ P614M0630AAR
8	30	68	● P614M0830AAL	● P614M0830AAR
5	40	75	● P614M0540AAL	● P614M0540AAR
6	40	76	● P614M0640AAL	● P614M0640AAR
8	40	78	■ P614M0840AAL	■ P614M0840AAR
5	50	85	● P614M0550AAL	● P614M0550AAR
6	50	86	● P614M0650AAL	● P614M0650AAR
8	50	88	● P614M0850AAL	● P614M0850AAR

Spec.		P614M99L	P614M99R
-------	--	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



 Punta senza svasatore
per foratrici

 HW Dübelbohrer,
Schaft M10

 Mèches à percer
pour trou borgnes sans fraisor

 Сверла для сверлильных
станков

P118

HW Dowel drills



Ottenute da acciaio di elevata resistenza meccanica • Cuspide in HW integrale • 2 taglienti • 2 rasanti • Centri • Corpo con 4 scarichi elicoidali • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici: AYEN – HOLZMA – KNOEVENAGEL – MAYER – TORWEGGE • Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Carbide tip • 2 teeth • 2 spurs • Centre point • Body with 4 spirals • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on the following drilling machines: AYEN - HOLZMA - KNOEVENAGEL - MAYER - TORWEGGE • Indicated to make holes on solid wood, wood composites, laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	Left Code	Right Code
5	43	● P118M0543AAL	● P118M0543AAR
6	43	● P118M0643AAL	● P118M0643AAR
8	43	● P118M0843AAL	● P118M0843AAR
10	43	■ P118M1043AAL	■ P118M1043AAR
12	43	● P118M1243AAL	● P118M1243AAR
14	43	● P118M1443AAL	● P118M1443AAR
8	60	● P118M0860AAL	● P118M0860AAR
10	60	● P118M1060AAL	● P118M1060AAR
12	60	■ P118M1260AAL	■ P118M1260AAR
14	60	● P118M1460AAL	● P118M1460AAR

Spec.	P118M99L	P118M99R
-------	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

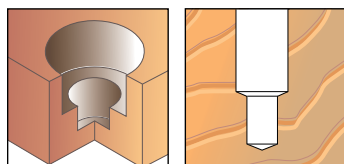
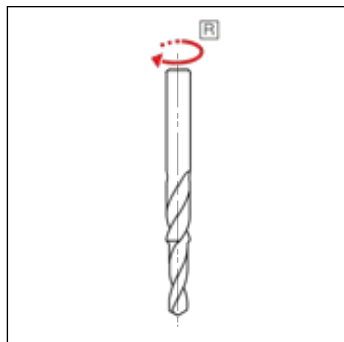
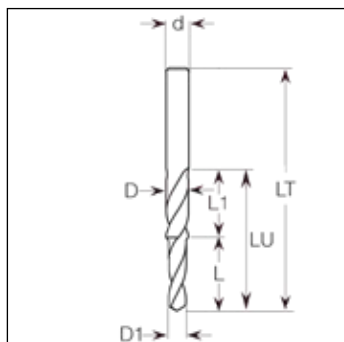
P127

HS Counter-bore twist drills for window and door frames



Ottenute da acciaio HS • Corpo con scarichi elicoidali • Indicate per eseguire doppi fori su legno massiccio per favorire l'inserimento di cerniere per infissi

Obtained from steel HS • Body with spirals • Indicated to make double holes on solid wood to favor the insertion of hinge for door and window frames



Z2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

ANUBA®	D1	D	d	L	L1	LU	LT	Left Code	Right Code
9,5	3,8	5,2	5,2	18	56	74	132	△P127S052AAAL	△P127S052AAAR
11	4,8	5,7	5,7	17	59	76	145	△P127S057AAAL	△P127S057AAAR
13	5,8	6,7	6,7	18	65	83	155	△P127S067AAAL	△P127S067AAAR
14,5	6,3	7,2	7,2	19	70	89	165	△P127S072AAAL	△P127S072AAAR
16	6,7	7,7	7,7	25	75	100	165	△P127S077AAAL	△P127S077AAAR
18	7,7	8,7	8,7	25	77	102	165	△P127S087AAAL	△P127S087AAAR
20	8,8	9,8	9,8	25	79	104	165	△P127S098AAAL	△P127S098AAAR
Spec.								P127S99L	P127S99R

ANUBA®	D1	D	d	L	L1	LU	LT	Left Code	Right Code
9	3,8	5	10	20	15	35	75	△P127S050A10L	△P127S050A10R
11	4,2	5,7	10	20	20	40	80	△P127S057A10L	△P127S057A10R
13	5,2	6,5	10	15	30	45	85	△P127S065A10L	△P127S065A10R
14	5,5	7	10	15	35	50	90	△P127S070A10L	△P127S070A10R
16	6	7,7	10	15	40	55	95	△P127S077A10L	△P127S077A10R
18	6,6	8,2	10	20	45	65	105	△P127S082A10L	△P127S082A10R
20	7,2	8,7	10	20	55	75	115	△P127S087A10L	△P127S087A10R
Spec.								P127S99L	P127S99R

* Al momento dell'ordine specificare tutte le dimensioni di costruzione
* When ordering specify all construction sizes

△ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

Soft wood

RPM	Feed Speed
3000	1,2 m/min
4000	1,5 m/min
5000	2,0 m/min
6000	2,5 m/min

Hard wood

RPM	Feed Speed
3000	0,8 m/min
4000	1,0 m/min
5000	1,5 m/min
6000	1,8 m/min

The data are indicative only, MW is not responsible for any incorrect application

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte per doppi fori



HW Stufenbohrer



Mèches étagées



Сверла для двойного сверления

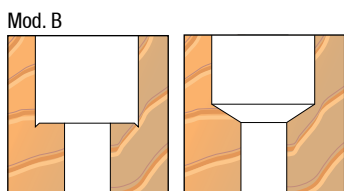
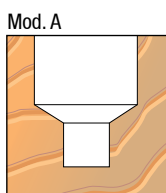
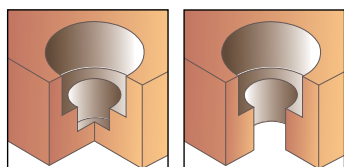
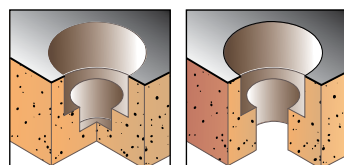
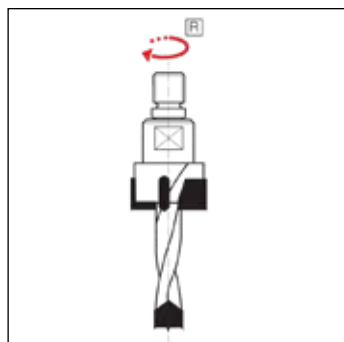
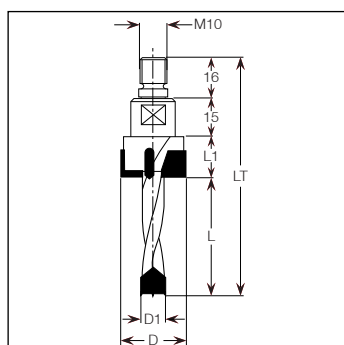
P120

HW Counter-bore twist drills



“Ottenute da acciaio di elevata resistenza meccanica • Taglienti, rasanti e centrino in HW • Corpo con 2 scarichi elicoidali specifici per ogni singolo diametro • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici: ALBERTI – BALESTRINI – BIESSE – BUSELLATO – GESSNER – MORBIDELLI – REIMALL – TORWEGGE – VITAP – WEEKE • Indicate per l'esecuzione di doppi fori su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • Teeth, spurs and centre point in HW • Body with 2 specific spirals for each diameter • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on the following drilling machines: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE • Indicated to make double holes on solid wood, wood composites, laminated panels and similar.

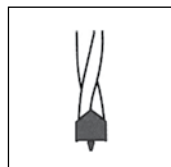


D	LT max	Left Code	Right Code				
15	120	△ P120M15AAAAAL	△ P120M15AAAAAR				
20	120	△ P120M20AAAAAL	△ P120M20AAAAAR				
25	120	△ P120M25AAAAAL	△ P120M25AAAAAR				
30	120	△ P120M30AAAAAL	△ P120M30AAAAAR				
40	120	△ P120M40AAAAAL	△ P120M40AAAAAR				
50	120	△ P120M50AAAAAL	△ P120M50AAAAAR				
Spec.		P120M99L	P120M99R				

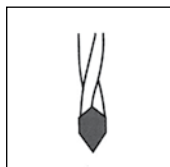
● = Ready in stock ■ = Delivery time 20 working days △ = On request

△ Utensili non a magazzino, quantità minima d'ordine: **2 pezzi**.
Tools not ready in stock minimum order quantity: **2 pieces**.

Mod. A



Mod. B



* In fase di ordine indicare il tipo di esecuzione Mod. A o B

* At the order specify the Mod. A or B

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

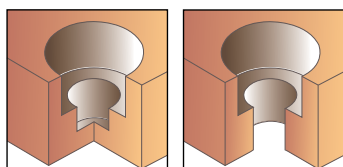
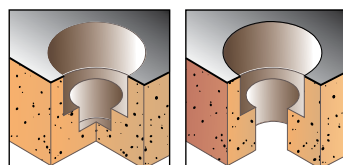
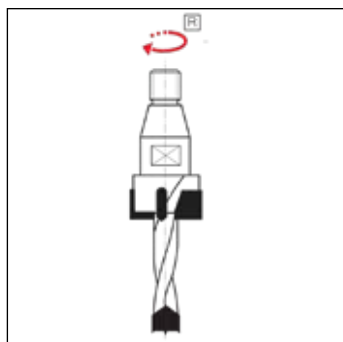
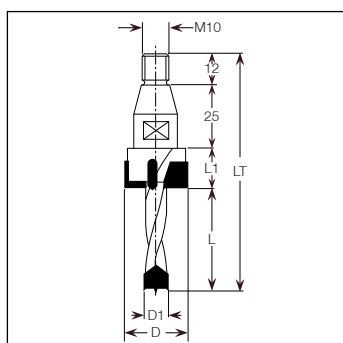
RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

Tutti i marchi presenti sono proprietà dei rispettivi proprietari. All trademarks are the property of their respective holders.

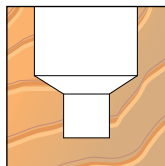
P122**HW Counter-bore twist drills**

Ottenute da acciaio di elevata resistenza meccanica • Taglienti, rasanti e centrino in HW • Corpo con 2 scarichi elicoidali specifici per ogni singolo diametro • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici: ALBERTI – BALESTRINI – BILEK – BUSELLATO – OMPEC – REIMALL – SCHLICHER – SCM – TANZANI – VICIANI – VITAP – WEINGÄRTNER • Indicate per l'esecuzione di doppi fori su legno, suoi derivati, laminati e simili

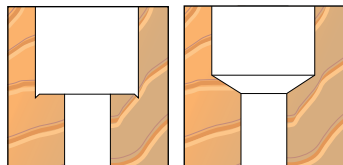
Obtained from steel with a high mechanical resistance • Teeth, spurs and centre point in HW • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Body with 2 specific spirals for each diameter • Use on the following drilling machines: ALBERTI - BALESTRINI - BILEK - BUSELLATO - OMPEC - REIMALL - SCHLICHER - SCM - TANZANI - VICIANI - VITAP - WEINGÄRTNER • Indicated to make double holes on solid wood, wood composites laminated panels and similar.



Mod. A



Mod. B

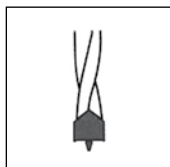


D	LT max	Left Code	Right Code				
15	120	△ P122M15AAAAAL	△ P122M15AAAAAR				
20	120	△ P122M20AAAAAL	△ P122M20AAAAAR				
25	120	△ P122M25AAAAAL	△ P122M25AAAAAR				
30	120	△ P122M30AAAAAL	△ P122M30AAAAAR				
40	120	△ P122M40AAAAAL	△ P122M40AAAAAR				
50	120	△ P122M50AAAAAL	△ P122M50AAAAAR				
Spec.		P120M99L	P120M99R				

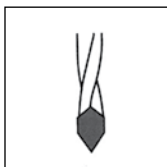
● = Ready in stock ■ = Delivery time 20 working days △ = On request

△ Utensili non a magazzino, quantità minima d'ordine: **2 pezzi**.
Tools not ready in stock minimum order quantity: **2 pieces**.

Mod. A



Mod. B



* In fase di ordine indicare il tipo di esecuzione Mod. A o B
* At the order specify the Mod. A or B

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte per doppi fori

HW Stufenbohrer

Mèches étagées

Сверла для двойного сверления

P124**HW Counter-bore twist drills**

Ottenute da acciaio di elevata resistenza meccanica • Taglienti, rasanti e centrino in HW • Corpo con 2 scarichi elicoidali specifici per ogni singolo diametro • Attacco retificato • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per eseguire doppi fori su legno, suoi derivat,i laminati e simili

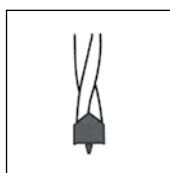
Obtained from steel with a high mechanical resistance • Teeth, spurs and centre point in HW • Body with 2 specific spirals for each diameter • Ground shank • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • Indicated to make double holes on solid wood, wood composites, laminated panels and similar.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

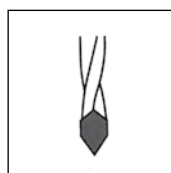
D	LT max	Left Code	Right Code				
15	120	△ P124M15AAAAAL	△ P124M15AAAAAR				
20	120	△ P124M20AAAAAL	△ P124M20AAAAAR				
25	120	△ P124M25AAAAAL	△ P124M25AAAAAR				
30	120	△ P124M30AAAAAL	△ P124M30AAAAAR				
40	120	△ P124M40AAAAAL	△ P124M40AAAAAR				
50	120	△ P124M50AAAAAL	△ P124M50AAAAAR				
Spec.		P120M99L	P120M99R				

△ Utensili non a magazzino, quantità minima d'ordine: **2 pezzi**.
Tools not ready in stock minimum order quantity: **2 pieces**.

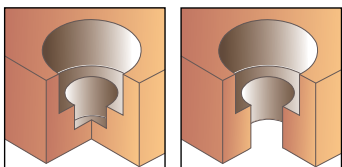
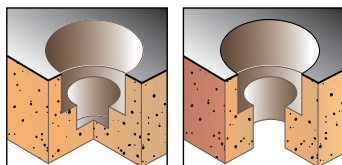
Mod. A



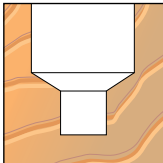
Mod. B



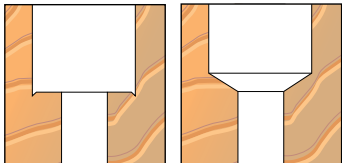
* In fase di ordine indicare il tipo di esecuzione Mod. A o B
* At the order specify the Mod. A or B



Mod. A



Mod. B



Tutti i marchi presenti sono proprietà dei rispettivi proprietari. All trademarks are the property of their respective holders.

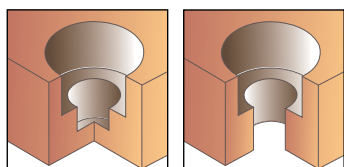
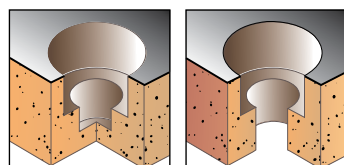
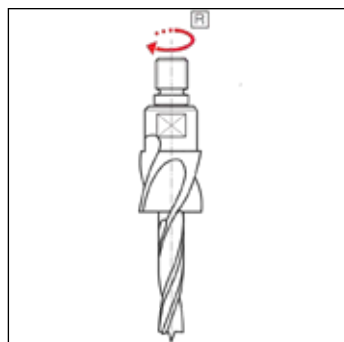
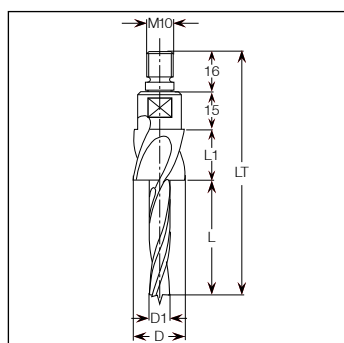
TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P121**HS Counter-bore twist drills**

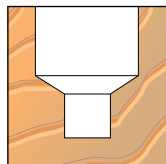
Ottenute da acciaio HS • Esecuzione con taglienti, rasanti e centrino • Corpo con scarichi elicoidali • Da montare su macchine foratrici: ALBERTI – BALESTRINI – BIESSE – BUSELLATO – GESSNER – MORBIDELLI – REIMALL – TORWEGGE – VITAP – WEEKE • Indicate per l'esecuzione di doppi fori su legno massiccio

Obtained from steel HS • Execution with teeth, spurs and centre point • Body with spirals • Use on the following drilling machines: ALBERTI – BALESTRINI – BIESSE – BUSELLATO – GESSNER – MORBIDELLI – REIMALL – TORWEGGE – VITAP – WEEKE • Indicated to make double holes on solid wood

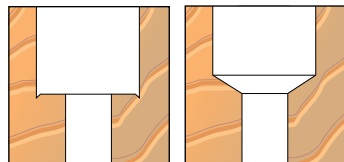
● = Ready in stock ■ = Delivery time 20 working days △ = On request



Mod. A



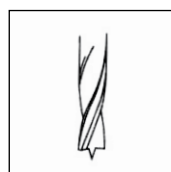
Mod. B



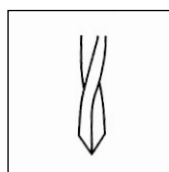
D	LT max		Left Code	Right Code			
15	120	△	P121S15AAAAL	△	P121S15AAAAR		
20	120	△	P121S20AAAAL	△	P121S20AAAAR		
25	120	△	P121S25AAAAL	△	P121S25AAAAR		
30	120	△	P121S30AAAAL	△	P121S30AAAAR		
40	120	△	P121S40AAAAL	△	P121S40AAAAR		
50	120	△	P121S50AAAAL	△	P121S50AAAAR		
Spec.			P120M99L	P120M99R			

△ Utensili non a magazzino, quantità minima d'ordine: **2 pezzi**.
Tools not ready in stock minimum order quantity: **2 pieces**.

Mod. A



Mod. B



* In fase di ordine indicare il tipo di esecuzione Mod. A o B
* At the order specify the Mod. A or B

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte per doppi fori

HW Stufenbohrer

Mèches étagées

Сверла для двойного сверления

P123**HS Counter-bore twist drills**

Ottenute da acciaio HS • Esecuzione con taglienti, rasanti e centrino • Corpo con scarichi elicoidali • Da montare su macchine foratrici: ALBERTI – BALESTRINI – BILEK – BUSELLATO – OMPEC – REIMALL – SCHLICHER – SCM – TANZANI – VICIANI – VITAP – WEINGÄRTER • Indicate per l'esecuzione di doppi fori su legno massiccio

Obtained from steel HS • Execution with teeth, spurs and centre point • Body with spirals • Use on the following drilling machines: ALBERTI - BALESTRINI - BILEK - BUSELLATO - OMPEC - REIMALL - SCHLICHER - SCM - TANZANI - VICIANI - VITAP - WEINGÄRTER • Indicated to make double holes on solid wood

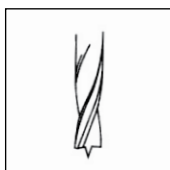
● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	LT max		Left Code	Right Code			
15	120	△	P123S15AAAAL	△	P123S15AAAAR		
20	120	△	P123S20AAAAL	△	P123S20AAAAR		
25	120	△	P123S25AAAAL	△	P123S25AAAAR		
30	120	△	P123S30AAAAL	△	P123S30AAAAR		
40	120	△	P123S40AAAAL	△	P123S40AAAAR		
50	120	△	P123S50AAAAL	△	P123S50AAAAR		

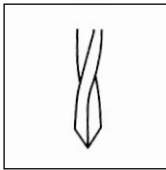
Spec.		P120M99L	P120M99R			
-------	--	----------	----------	--	--	--

△ Utensili non a magazzino, quantità minima d'ordine: **2 pezzi**.
Tools not ready in stock minimum order quantity: **2 pieces**.

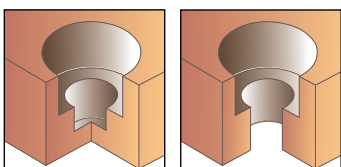
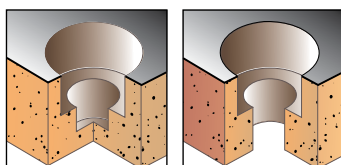
Mod. A



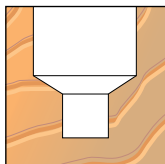
Mod. B



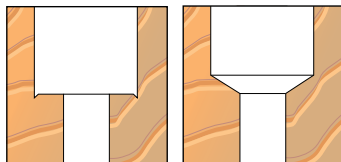
* In fase di ordine indicare il tipo di esecuzione Mod. A o B
* At the order specify the Mod. A or B



Mod. A



Mod. B



Tutti i marchi presenti sono proprietà dei rispettivi proprietari. All trademarks are the property of their respective holders.

P125

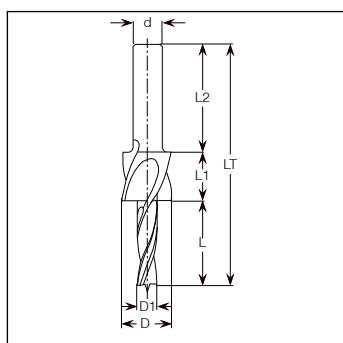
HS Counter-bore twist drills



Ottenute da acciaio HS • Esecuzione con taglienti, rasanti e centrino • Corpo con scarichi elicoidali • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per eseguire doppi fori su legno massiccio

Obtained from steel HS • Execution with teeth, spurs and centre point • Body with spirals • Indicated to make double holes on solid wood, wood composites, laminated panels and similar. • Indicated to make double holes on solid wood

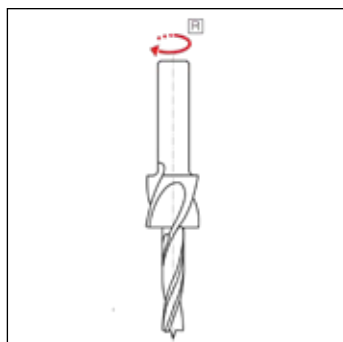
● = Ready in stock ■ = Delivery time 20 working days △ = On request



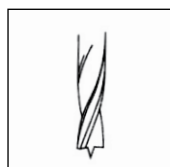
D	LT max		Left Code	Right Code			
15	120	△	P125S15AAAAAL	△	P125S15AAAAAR		
20	120	△	P125S20AAAAAL	△	P125S20AAAAAR		
25	120	△	P125S25AAAAAL	△	P125S25AAAAAR		
30	120	△	P125S30AAAAAL	△	P125S30AAAAAR		
40	120	△	P125S40AAAAAL	△	P125S40AAAAAR		
50	120	△	P125S50AAAAAL	△	P125S50AAAAAR		

Spec.	P120M99L	P120M99R			
-------	----------	----------	--	--	--

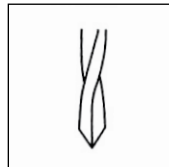
△ Utensili non a magazzino, quantità minima d'ordine: **2 pezzi**.
Tools not ready in stock minimum order quantity: **2 pieces**.



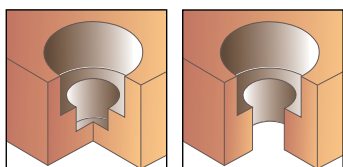
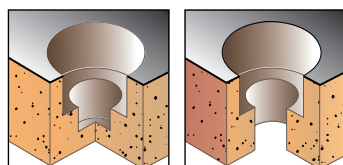
Mod. A



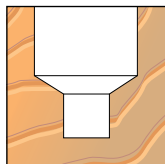
Mod. B



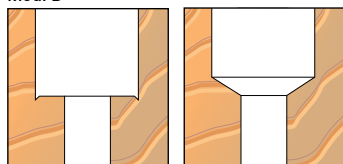
* In fase di ordine indicare il tipo di esecuzione Mod. A o B
* At the order specify the Mod. A or B



Mod. A



Mod. B



Tutti i marchi presenti sono proprietà dei rispettivi proprietari. All trademarks are the property of their respective holders.



Punte per cerniere

HW Beschlagbohrer

Mèches à tête cylindrique

Сверла для плетя

P134**HW Cylinder boring bits**

Ottenute da acciaio di elevata resistenza meccanica • 2 taglienti • 2 rasanti • Centrino in HW • Attacco rettificato con piano per fissaggio e vite di regolazione • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Per eseguire sedi per cerniere o fori ciechi su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 teeth • 2 spurs • Centre point in HW • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Ground shank with flat and screw • Use on drilling machines with chucks or adapters • Indicated to make holes for concealed hinges on solid wood, wood composites, laminated panels and similar.

Z2+2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	Left Code	Right Code
14	● P134M14AAAAAL	● P134M14AAAAAR
15	● P134M15AAAAAL	● P134M15AAAAAR
16	● P134M16AAAAAL	● P134M16AAAAAR
18	● P134M18AAAAAL	● P134M18AAAAAR
20	● P134M20AAAAAL	● P134M20AAAAAR
22	● P134M22AAAAAL	● P134M22AAAAAR
25	● P134M25AAAAAL	● P134M25AAAAAR
26	● P134M26AAAAAL	● P134M26AAAAAR
30	● P134M30AAAAAL	● P134M30AAAAAR
35	● P134M35AAAAAL	● P134M35AAAAAR
38	● P134M38AAAAAL	● P134M38AAAAAR
40	● P134M40AAAAAL	● P134M40AAAAAR

Spec.	P134M99L	P134M99R
-------	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi.**
Tools not ready in stock minimum order quantity: **10 pieces.**

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
3000	1 m/min
4000	1,5 m/min
5000	1,8 m/min
6000	2,0 m/min

MDF

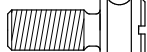
RPM	Feed Speed
3000	0,7 m/min
4000	1,0 m/min
5000	1,2 m/min
6000	1,6 m/min

The data are indicative only, MW is not responsible for any incorrect application

Screw M5X10



Screw M5X17

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



P136

HW Cylinder boring bits



Ottenute da acciaio di elevata resistenza meccanica • 2 taglienti • 2 rasanti • Centrico in HW • Attacco rettificato con piano per fissaggio e vite di regolazione • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Per eseguire sedi per cerniere o fori ciechi su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 teeth • 2 spurs • Centre point in HW • Ground shank with flat and screw • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • Indicated to make holes for concealed hinges on solid wood, wood composites, laminated panels and similar.

Z2+2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	Left Code	Right Code
14	● P136M14AAAAAL	● P136M14AAAAAR
15	● P136M15AAAAAL	● P136M15AAAAAR
16	● P136M16AAAAAL	● P136M16AAAAAR
18	● P136M18AAAAAL	● P136M18AAAAAR
20	● P136M20AAAAAL	● P136M20AAAAAR
22	● P136M22AAAAAL	● P136M22AAAAAR
25	● P136M25AAAAAL	● P136M25AAAAAR
26	● P136M26AAAAAL	● P136M26AAAAAR
30	● P136M30AAAAAL	● P136M30AAAAAR
35	● P136M35AAAAAL	● P136M35AAAAAR
38	● P136M38AAAAAL	● P136M38AAAAAR
40	● P136M40AAAAAL	● P136M40AAAAAR

Spec.	P136M99L	P136M99R
-------	----------	----------

■ Utensili non a magazzino, quantità minima d'ordine: 10 pezzi.
Tools not ready in stock minimum order quantity: 10 pieces.

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

Chipboard

RPM	Feed Speed
3000	1 m/min
4000	1,5 m/min
5000	1,8 m/min
6000	2,0 m/min

MDF

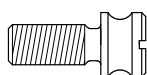
RPM	Feed Speed
3000	0,7 m/min
4000	1,0 m/min
5000	1,2 m/min
6000	1,6 m/min

The data are indicative only, MW is not responsible for any incorrect application

Screw M5X10



Screw M5X17



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte per cerniere

HW Beschlagbohrer

Mèches à tête cylindrique

Сверла для петель

P140**HW Cylinder boring bits**

Ottenute da acciaio di elevata resistenza meccanica • 3 taglienti • 3 rasanti • Centrino in HW • Attacco rettificato con piano per fissaggio e vite di regolazione • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Per eseguire sedi per cerniere o fori ciechi su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 3 teeth • 3 spurs • Centre point in HW • Ground shank with flat and screw • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • Indicated to make holes for concealed hinges on solid wood, wood composites laminated panels and similar.

Z3+3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	Left Code	Right Code
25	● P140M25AAAAL	● P140M25AAAAR
26	● P140M26AAAAL	● P140M26AAAAR
30	● P140M30AAAAL	● P140M30AAAAR
35	● P140M35AAAAL	● P140M35AAAAR
40	● P140M40AAAAL	● P140M40AAAAR
Spec.	P140M99L	P140M99R

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi.**
Tools not ready in stock minimum order quantity: **10 pieces.**

SPARE PARTS

Type	Dimensions	Code
Screw	M5X10	● WV510
Screw	M5X17	● WV072

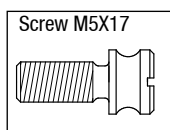
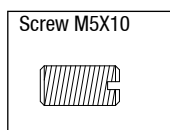
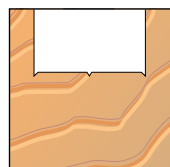
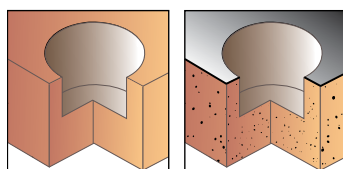
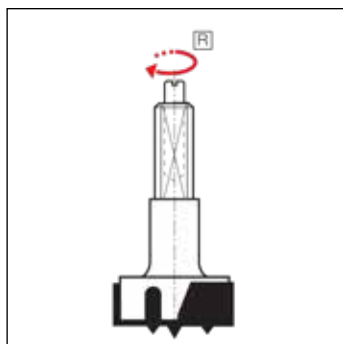
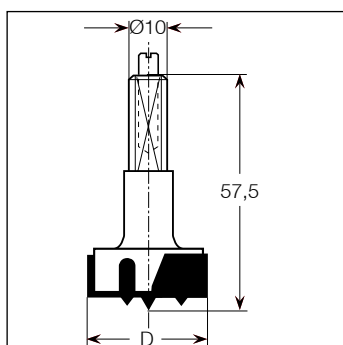
Chipboard

RPM	Feed Speed
3000	1,5 m/min
4000	1,8 m/min
5000	2,0 m/min
6000	2,5 m/min

MDF

RPM	Feed Speed
3000	1,0 m/min
4000	1,2 m/min
5000	1,5 m/min
6000	1,8 m/min

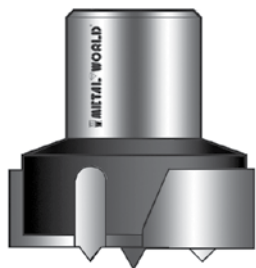
The data are indicative only, MW is not responsible for any incorrect application

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



P160

HW Cylinder boring bits



Ottenute da acciaio di elevata resistenza meccanica • 2 taglienti • 2 rasanti • Centrico in HW • Attacco M12X1 • Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo • Colore nero per punte rotazione destra • Colore rosso per punte rotazione sinistra • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per eseguire sedi per cerniere o fori ciechi su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 teeth • 2 spurs • Centre point in HW • Shank M12X1 • Covered by a fluorine-carbonic resin for a better chip removal • Black colour for right rotation drills • Red colour for left rotation drills • Use on drilling machines with chucks or adapters • Indicated to make holes for concealed hinges on solid wood, wood composites laminated panels and similar.

Z2+2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	Left Code	Right Code
20	● P160M20AAAAL	● P160M20AAAAR
22	● P160M22AAAAL	● P160M22AAAAR
25	● P160M25AAAAL	● P160M25AAAAR
26	● P160M26AAAAL	● P160M26AAAAR
30	● P160M30AAAAL	● P160M30AAAAR
35	● P160M35AAAAL	● P160M35AAAAR
38	● P160M38AAAAL	● P160M38AAAAR
40	● P160M40AAAAL	● P160M40AAAAR
45	● P160M45AAAAL	● P160M45AAAAR
50	● P160M50AAAAL	● P160M50AAAAR
60	● P160M60AAAAL	● P160M60AAAAR

Spec.

P160M99L

P160M99R

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

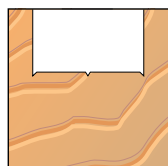
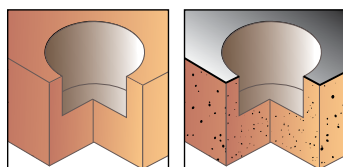
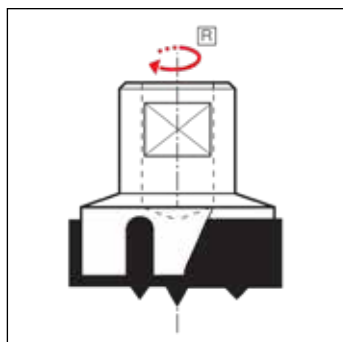
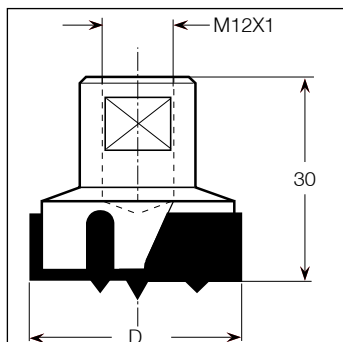
Chipboard

RPM	Feed Speed
3000	1 m/min
4000	1,5 m/min
5000	1,8 m/min
6000	2,0 m/min

MDF

RPM	Feed Speed
3000	0,7 m/min
4000	1,0 m/min
5000	1,2 m/min
6000	1,6 m/min

The data are indicative only, MW is not responsible for any incorrect application



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte portacoltelli
per cerniere

WP Beschlagbohrer

Mèches à tête cylindrique
à plaquettes réversibles

Сверла со сменными ножами
для петель

P560

HW Cylinder boring bits with reversible knives



Ottenute da acciaio di elevata resistenza meccanica • 2 taglienti, 2 rasanti, centrino in HW a fissaggio meccanico
• Attacco rettificato con piano per fissaggio e vite di regolazione • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per eseguire sedi per cerniere o fori ciechi su legno, suoi derivati, laminati e simili

Obtained from steel with high mechanical resistance • 2 teeth • 2 spurs • Centre point in HW • Ground shank with flat and screw • Use on drilling machines with chucks or adapters • Indicated to make holes for concealed hinges or blind holes on wood, laminated panels and similar.

Z2+2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	Left Code	Right Code
25	● P560M25AAAAAL	● P560M25AAAAAR
26	● P560M26AAAAAL	● P560M26AAAAAR
30	● P560M30AAAAAL	● P560M30AAAAAR
35	● P560M35AAAAAL	● P560M35AAAAAR
40	● P560M40AAAAAL	● P560M40AAAAAR

Spec.

P560M99L

P560M99R

■ Utensili non a magazzino, quantità minima d'ordine: **5 pezzi.**
Tools not ready in stock minimum order quantity: **5 pieces.**

SPARE PARTS

Type	Dimensions	Code
Knife for D.25	10,6X12X1,5	● C560M25COLT
Knife for D.26	11,1X12X1,5	● C560M26COLT
Knife for D.30	13,1X12X1,5	● C560M30COLT
Knife for D.35	15,6X12X1,5	● C560M35COLT
Knife for D.40	18,1X12X1,5	● C560M40COLT
Scoring insert	18X6X3,5	● P560MINCIS
Center point	3X34	● P560MCENTR3
Knife screw D.25/30	M3,5X4X7	● WV023
Knife screw D.35/40	M3,5X6,5X7	● WV003
Screw	M3,5X5,5X4	● WV004
Key	T15	● ACH001AAAAAA

Chipboard

RPM	Feed Speed
3000	1 m/min
4000	1,5 m/min
5000	1,8 m/min
6000	2,0 m/min

MDF

RPM	Feed Speed
3000	0,7 m/min
4000	1,0 m/min
5000	1,2 m/min
6000	1,6 m/min

The data are indicative only, MW is not responsible for any incorrect application

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P562

HW Cylinder boring bits with reversible knives



Ottenute da acciaio di elevata resistenza meccanica • 2 taglienti, 2 rasanti, entrino in HW a fissaggio meccanico • Attacco rettificato con piano per fissaggio e vite di regolazione • Da montare su macchine foratrici con l'impiego di mandrini o adattatori • Indicate per eseguire sedi per cerniere o per fori ciechi su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 teeth • 2 spurs • Centre point in HW • Ground shank with flat and screw • Use on drilling machines with chucks or adapters • Indicated to make holes for concealed hinges or blind holes on wood, laminated panels and similar.

Z2+2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	Left Code	Right Code
25	● P562M25AAAAAL	● P562M25AAAAAR
26	■ P562M26AAAAAL	■ P562M26AAAAAR
30	● P562M30AAAAAL	● P562M30AAAAAR
35	● P562M35AAAAAL	● P562M35AAAAAR
40	● P562M40AAAAAL	● P562M40AAAAAR
Spec.	P562M99L	P562M99R

■ Utensili non a magazzino, quantità minima d'ordine: **5 pezzi**.
Tools not ready in stock minimum order quantity: **5 pieces**.

SPARE PARTS

Type	Dimensions	Code
Knife for D.25	10X12X1,5	● C562M25COLT
Knife for D.26	10,5X12X1,5	● C562M26COLT
Knife for D.30	12,5X12X1,5	● C562M30COLT
Knife for D.35	15X12X1,5	● C020M15012AA
Knife for D.40	18,1X12X1,5	● C562M40COLT
Scoring Insert	18,5X8X4	● P562MINCIS
Center point	4X34	● P562MCENTR4
Knife screw D.25/30	M4X4X7	● WV022
Knife screw D.35/40	M4X6X7,2	● WV008
Screw	M4X5,4X6,5	● WV019
Key	T15	● ACH001AAAAAA

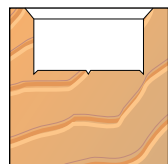
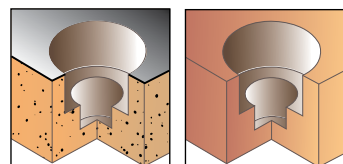
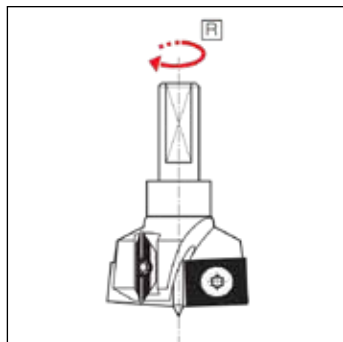
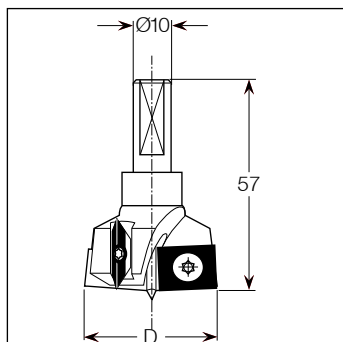
Chipboard

RPM	Feed Speed
3000	1 m/min
4000	1,5 m/min
5000	1,8 m/min
6000	2,0 m/min

MDF

RPM	Feed Speed
3000	0,7 m/min
4000	1,0 m/min
5000	1,2 m/min
6000	1,6 m/min

The data are indicative only, MW is not responsible for any incorrect application



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte levanoi



HW Zylinderkopfbohrer



Mèches à tête cylindrique



Чашечные сверла

P170**HW Cylinder boring bits**

Ottenute da acciaio di elevata resistenza meccanica • 2 taglianti • 2 rasanti • Centrino in HW • Attacco rettificato • Da montare su macchine foratrici, trapani a colonna con l'impiego di mandrini o adattatori • Indicate per eseguire sedi per cerniere, fori ciechi od eliminare nodi cascanti su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 teeth, 2 spurs and centre point in HW • Ground shank • Use on drilling machines with chucks or adapters • Indicated to make holes for concealed hinges, blind holes, or to eliminate loose knots on solid wood, wood composites, laminated and such

Z2+2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	Code
18	● P170M18AAAAAR
20	● P170M20AAAAAR
22	● P170M22AAAAAR
24	● P170M24AAAAAR
25	● P170M25AAAAAR
26	● P170M26AAAAAR
28	● P170M28AAAAAR
30	● P170M30AAAAAR
32	● P170M32AAAAAR
34	● P170M34AAAAAR
35	● P170M35AAAAAR
36	● P170M36AAAAAR
38	● P170M38AAAAAR
40	● P170M40AAAAAR

Left Spec.	P170M99L
Right Spec.	P170M99R

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

Hard wood

RPM	Feed Speed
2000	0,5 m/min
3000	0,8 m/min
4000	1 m/min

Chipboard

RPM	Feed Speed
2000	0,6 m/min
3000	1 m/min
4000	1,2 m/min

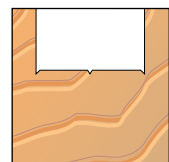
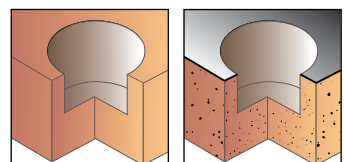
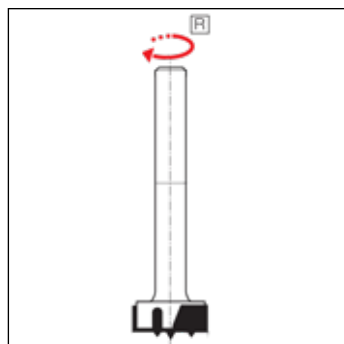
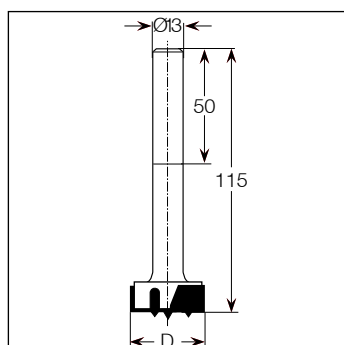
The data are indicative only, MW is not responsible for any incorrect application

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P172**HW Cylinder boring bits**

Ottenute da acciaio di elevata resistenza meccanica • 2 taglienti • 2 rasanti • Centrino in HW • Attacco rettificato • Da montare su macchine foratrici, trapani a colonna con l'impiego di mandrini o adattatori • Indicate per eseguire sedi per cerniere, fori ciechi od eliminare nodi cascanti su legno, suoi derivati, laminati e simili

Obtained from steel with a high mechanical resistance • 2 teeth, 2 spurs and centre point in HW • Ground shank • Use on drilling machines with chucks or adapters • Indicated to make holes for concealed hinges, blind holes, or to eliminate loose knots on solid wood, wood composites, laminated and such

**Z2+2**

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	Code
18	● P172M18AAAAAR
20	● P172M20AAAAAR
22	● P172M22AAAAAR
24	● P172M24AAAAAR
25	● P172M25AAAAAR
26	● P172M26AAAAAR
28	● P172M28AAAAAR
30	● P172M30AAAAAR
32	● P172M32AAAAAR
34	● P172M34AAAAAR
35	● P172M35AAAAAR
36	● P172M36AAAAAR
38	● P172M38AAAAAR
40	● P172M40AAAAAR
Left Spec.	P172M99L
Right Spec.	P172M99R

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

Hard wood

RPM	Feed Speed
2000	0,5 m/min
3000	0,8 m/min
4000	1 m/min

Chipboard

RPM	Feed Speed
2000	0,6 m/min
3000	1 m/min
4000	1,2 m/min

The data are indicative only, MW is not responsible for any incorrect application

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

P185**HS Plug cutters**

Ottenute da acciaio HS • Scarichi elicoidali per l'evacuazione del truciolo • Attacco rettificato • Indicate per l'esecuzione di fori o di tappi su legno naturale

Obtained from steel HS • Spiral for chip removal • Ground shank • Indicated to make holes or plugs on solid wood

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	d	Code	
8	13X50	● P185S08AAAAAR	
10	13X50	● P185S10AAAAAR	
12	13X50	● P185S12AAAAAR	
15	13X50	● P185S15AAAAAR	
20	13X50	● P185S20AAAAAR	
25	13X50	● P185S25AAAAAR	
30	13X50	● P185S30AAAAAR	
35	16X50	● P185S35AAAAAR	
40	16X50	● P185S40AAAAAR	
45	16X50	● P185S45AAAAAR	
50	16X50	● P185S50AAAAAR	
Left Spec.		P185S99L	
Right Spec.		P185S99R	

■ Utensili non a magazzino, quantità minima d'ordine: **5 pezzi**.
Tools not ready in stock minimum order quantity: **5 pieces**.

Soft wood

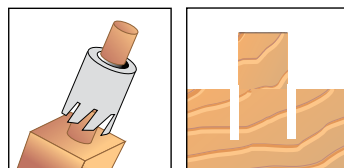
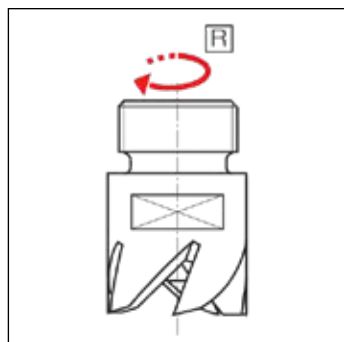
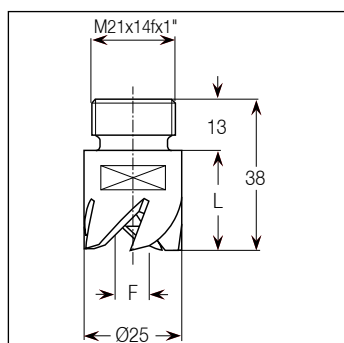
RPM	Feed Speed
1500	0,2 m/min
2000	0,4 m/min
2500	0,6 m/min

The data are indicative only, MW is not responsible for any incorrect application

P351**HS Cutters for wiredrawing straight slats**

Ottenute da acciaio HS • 4 taglienti • Indicate per eseguire bastoncini dritti

Obtained from HS steel • 4 teeth • To make dowels

**Z4**

● = Ready in stock ■ = Delivery time 20 working days △ = On request

F	Code
6	● P351S060AAAR
6,2	● P351S062AAAR
8	● P351S080AAAR
8,2	● P351S082AAAR
10	● P351S100AAAR
10,2	● P351S102AAAR
12	● P351S120AAAR
12,2	● P351S122AAAR
Left Spec.	P351S99L
Right Spec.	P351S99R

■ Utensili non a magazzino, quantità minima d'ordine: **5 pezzi**.
Tools not ready in stock minimum order quantity: **5 pieces**.

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punzoni per impronta
quadra profonda

HS 4-kant Loch-Stanzbohrer

Mèches à bédane carré

Сверла для квадратных
отверстий

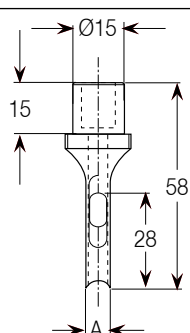
P381

HS Punch for dip square marks



Ottenuti da acciaio HS • Punzone quadro con specifiche caratteristiche • Attacchi rettificati • Lavora in coppia con punta articolo P385 • Da montare su macchine con attacchi speciali

Obtained from HS steel • Drills for square mark with particular execution • Ground shanks • Use with drill item nr. P385 • Use on special machines



● = Ready in stock ■ = Delivery time 20 working days △ = On request

A	Code
7	● P381S070AAAA
7,5	● P381S075AAAA
8	● P381S080AAAA
Spec.	P381S99

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi.**
Tools not ready in stock minimum order quantity: **10 pieces.**

Punzoni per impronta
quadra

HS 4-kant Loch-Stanzbohrer

Accessoire pour mèches
à bédane carré

Сверла для квадратных
отверстий

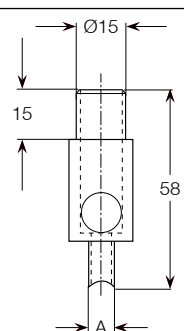
P383

HS Punch for square marks



Ottenuti da acciaio HS • Punzone quadro con specifiche caratteristiche • Attacchi rettificati • Lavora in coppia con punta articolo P385 • Da montare su macchine con attacchi speciali

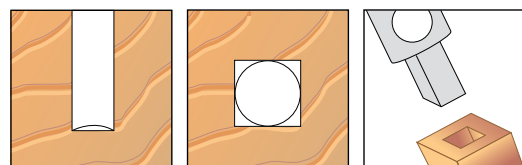
Obtained from HS steel • Drills for square mark with particular execution • Ground shanks • Use with drill item nr. P385 • Use on special machines • For special sizes ask for quotation



● = Ready in stock ■ = Delivery time 20 working days △ = On request

A	Code
7	● P383S070AAAA
7,5	● P383S075AAAA
8	● P383S080AAAA
Spec.	P383S99

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi.**
Tools not ready in stock minimum order quantity: **10 pieces.**



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

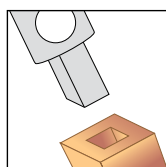
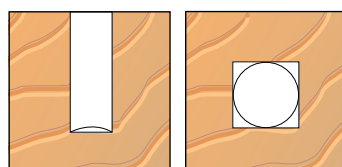
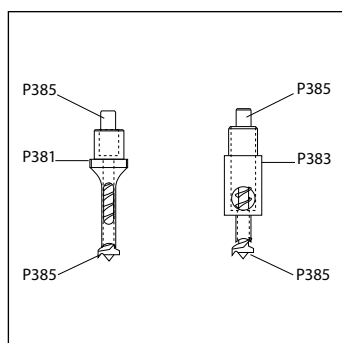
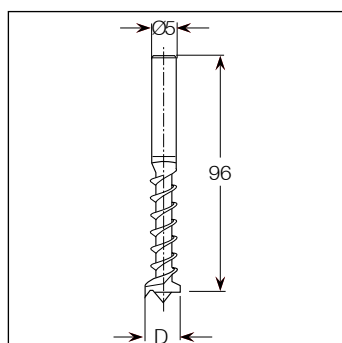
P385

HS Drills-bits for punch



Ottenuti da acciaio HS • Spirale speciale • Attacchi rettificati • Lavora in coppia con punta articolo P381 – P383 • Da montare su macchine con attacchi speciali

Obtained from HS steel • Special spiral • Ground shanks • Use with items nr. P381 and P383 • Use on special machines



● = Ready in stock ■ = Delivery time 20 working days △ = On request

A	D	Code
7	6,8	● P385S68AAAAA
7,5	7,3	● P385S73AAAAA
8	7,8	● P385S78AAAAA
Spec.		P383S99

■ Utensili non a magazzino, quantità minima d'ordine: **10 pezzi**.
Tools not ready in stock minimum order quantity: **10 pieces**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Punte perforatrici
con Jet stream integrato

VHW Bohrstift
mit Ausblasbohrung

Pointe foreuse
avec Jet stream intégré

Сверла присадочные
с соплами для воздуха
Jet stream

PCB1

NEW

HW Dowel drill with integrated JETstream



Punte foratrici con fori interni per una completa evacuazione del truciolo • Costruite con materiali resistenti e di ultima generazione, design ricercato • L'aria viene introdotta dal codolo della punta e sparata nel foro appunto per lasciarlo pulito.

Dowel drills with internal holes for a complet chip-removal • Built with high performance material and with a new design • The air is introduced from the shank and shot into the boreground just to leave it clean.

COBRA

line

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	d	Z	Left Code	Right Code
5	22	57,5	10X27	2	△ PCB1M005057L	△ PCB1M005057R
6	22	57,5	10X27	2	△ PCB1M006057L	△ PCB1M006057R
8	22	57,5	10X27	2	△ PCB1M008057L	△ PCB1M008057R
10	22	57,5	10X27	2	△ PCB1M010057L	△ PCB1M010057R
12	22	57,5	10X27	2	△ PCB1M012057L	△ PCB1M012057R
5	35	70	10X27	2	● PCB1M005070L	● PCB1M005070R
6	35	70	10X27	2	● PCB1M006070L	● PCB1M006070R
8	35	70	10X27	2	● PCB1M008070L	● PCB1M008070R
10	35	70	10X27	2	△ PCB1M010070L	△ PCB1M010070R
12	35	70	10X27	2	△ PCB1M012070L	△ PCB1M012070R

■ Utensili non a magazzino, quantità minima d'ordine: **5 pezzi**.
Tools not ready in stock minimum order quantity: **5 pieces**.

Punte perforatrici
con Jet stream integrato

VHW Dübelbohrer
mit Ausblasbohrung

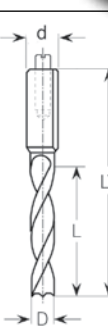
Pointe foreuse
avec Jet stream intégré

Сверла присадочные
с соплами для воздуха
Jet stream

PCB2

NEW

HW Dowel drill with integrated JETstream



Punte foratrici con fori interni per una completa evacuazione del truciolo • Costruite con materiali resistenti e di ultima generazione, design ricercato • L'aria viene introdotta dal codolo della punta e sparata nel foro appunto per lasciarlo pulito.

Dowel drills with internal holes for a complet chip-removal • Built with high performance material and with a new design • The air is introduced from the shank and shot into the boreground just to leave it clean.

COBRA

line

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	L	LT	d	Z	Code
5	22	57,5	10X27	2	△ PCB2M005057R
6	22	57,5	10X27	2	△ PCB2M006057R
8	22	57,5	10X27	2	△ PCB2M008057R
10	22	57,5	10X27	2	△ PCB2M010057R
12	22	57,5	10X27	2	△ PCB2M012057R
5	35	70	10X27	2	△ PCB2M005070R
6	35	70	10X27	2	△ PCB2M006070R
8	35	70	10X27	2	△ PCB2M008070R
10	35	70	10X27	2	△ PCB2M010070R
12	35	70	10X27	2	△ PCB2M012070R

■ Utensili non a magazzino, quantità minima d'ordine: **5 pezzi**.
Tools not ready in stock minimum order quantity: **5 pieces**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING