

2026 PRICE LIST
GROSS PRICE 2025 **+7%**
Effective from 4 May 2026












BLUE-MASTER[®]
by *CELESA*





HOLESAWS




GUIDE FOR SELECTION OF HOLESAWS

Holesaws

| METAL HOLESAWS | | | | |
|----------------|---------------------------------|---|------|---|
| REFERENCE | Type and cutting depth | Applications, Characteristics and Range | Page | |
| CB | BI-METAL HSS 35 mm | HSS M3 4/6 Cu-Ni-La CAST IRON PVC Al Range Ø14/250mm | 552 |  |
| COB | BI-METAL HSSCo 8% 45 mm | HSSCo 8% 4/6 CAST IRON Cu-Ni-La INOX Range Ø14/152mm | 553 |  |
| CBX100 | BI-METAL HSS 100 mm | HSS M3 4/6 Cu-Ni-La CAST IRON PVC Al Range Ø25/152mm | 556 |  |
| COBX100 | BI-METAL HSSCo 8% 100 mm | HSSCo 8% 4/6 Cu-Ni-La CAST IRON Range Ø25/51mm | 556 |  |
| CBR | HSS 5 mm | HSS Cu-Ni-La CAST IRON Al Range Ø8/100mm | 560 |  |
| CBR..T | HSS-TiN 5 mm | HSS TiN Al Cu-Ni-La CAST IRON Range Ø12/100mm | 561 |  |
| CBC | HSSCo Inox 10 mm | HSSCo INOX Cu-Ni-La CAST IRON Al Range Ø12/100mm | 562 |  |
| CBCTL | HSSCo Inox TiAIN 10 mm | HSSCo INOX TiAIN Al Cu-Ni-La CAST IRON Range Ø10/50mm | 563 |  |
| CCF | HSS 2 mm | HSS Cu-Ni-La CAST IRON Al Range Ø10/50mm | 564 |  |
| CBMD | CARBIDE TIPPED 35 mm | CARBIDE TIPPED INOX Cu-Ni-La Al Range Ø19/152mm | 565 |  |
| CP | 12 mm | CARBIDE TIPPED Cu-Ni-La CAST IRON Al Range Ø15/35mm | 566 |  |

| METAL HOLESAWS | | | | |
|----------------|----------------------------------|--|------|--|
| REFERENCE | Type and cutting depth | Applications, Characteristics and Range | Page | |
| CX CXL | CARBIDE TIPPED 12 mm 25 mm | CARBIDE TIPPED INOX Al Cu-Ni-La CAST IRON Range Ø18/65mm | 567 |  |
| X | CARBIDE TIPPED 5 mm | CARBIDE TIPPED INOX Al Cu-Ni-La CAST IRON Range Ø14/120mm | 568 |  |
| XT | CARBIDE TIPPED 5 mm | CARBIDE TIPPED INOX Al Cu-Ni-La CAST IRON Range Ø16/150mm | 568 |  |
| CXX | CARBIDE TIPPED 50 mm | CARBIDE TIPPED INOX Al Cu-Ni-La CAST IRON Range Ø14/100mm | 570 |  |
| C50X | CARBIDE TIPPED 5 mm | CARBIDE TIPPED INOX Al Cu-Ni-La CAST IRON Range Ø14/100mm | 571 |  |
| MBM | CARBIDE TIPPED 50 mm | CARBIDE TIPPED 50 HRC INOX Al CAST IRON Range Ø35/150mm | 572 |  |

ANNULAR CUTTERS FOR ELECTROMAGNETIC DRILLING MACHINES

| REFERENCE | Type and cutting depth | Applications, Characteristics and Range | Page | |
|-------------------------------|--|--|------------|--|
| 250R 500R | HSS 30 mm 50 mm | HSS 2 x 90° WELDON 75 Kg/mm ² INOX Al Range Ø12/50mm | 576 |  |
| 250C 500C 750C 1000C | HSS 30 mm 50 mm 75 mm 100 mm | HSSCo 8% 2 x 90° WELDON 110 Kg/mm ² INOX Al Range Ø12/100mm | 577 579 |  |
| 1500C 2000C | HSS 150 mm 200 mm | HSS 2 x 90° WELDON 75 Kg/mm ² INOX Al Range Ø22/50mm - Ø26/50mm | 580 |  |

GUIDE FOR SELECTION OF HOLESAWS

ANNULAR CUTTERS FOR ELECTROMAGNETIC DRILLING MACHINES

| REFERENCE | Type and cutting depth | Applications, Characteristics and Range | Page |
|--------------------|----------------------------------|---|------|
| 250T 500T | HSSCo 30 mm 50 mm | HSSCo 8% 2 x 90° WELDON 110 Kg/mm ² INOX Al Range Ø12/60mm | 578 |
| 350A 500A | CARBIDE TIPPED 35 mm 50 mm | CARBIDE TIPPED INOX Al Cu-Ni-La CAST IRON Range Ø14/52mm - Ø14/70mm | 581 |
| 750A 1000A | CARBIDE TIPPED 75mm 100 mm | CARBIDE TIPPED INOX Al Cu-Ni-La CAST IRON Range Ø16/70mm | 582 |
| MB250AT MB500AT | HSSCo 25/50 mm | HSSCo 8% 2 x 90° WELDON TiAlN | 583 |
| MB350ST | CARBIDE TIPPED 35 m | CARBIDE TIPPED INOX Al Cu-Ni-La CAST IRON Range Ø16/32mm | 583 |

CONSTRUCTION CORE BITS

| REFERENCE | Type and cutting depth | Applications, Characteristics and Range | Page |
|-----------|-------------------------|--|------|
| 600W | CARBIDE TIPPED 80 mm | SDS Plus CARBIDE TIPPED Range Ø25/100mm | 592 |
| CW | CARBIDE TIPPED 95 mm | SDS Plus SDS Max CARBIDE TIPPED Range Ø25/200mm | 593 |
| HA | CARBIDE TIPPED 54 mm | CARBIDE TIPPED SDS Plus Range Ø25/112mm | 594 |
| MD | CARBIDE TIPPED 60 mm | CARBIDE TIPPED SDS Plus Range Ø22/120mm | 595 |

CONSTRUCTION CORE BITS

| REFERENCE | Type and cutting depth | Applications, Characteristics and Range | Page |
|-------------|--------------------------|---|------|
| MH | CARBIDE TIPPED 100 mm | CARBIDE TIPPED SDS Max Range Ø25/150mm | 596 |
| CLA PM | CARBIDE TIPPED 70 mm | CARBIDE TIPPED SDS Max Range Ø30/150m | 597 |
| CDE CMAD | TILE 40 mm | Range Ø12/120mm - Ø20/50mm | 598 |
| CDD | DIAMOND 60 mm | Range Ø8/102mm | 599 |
| CAH | DIAMOND | Range Ø5/35mm | 599 |
| CHH | DIAMOND 300-450 mm | | 600 |
| CSE | TILE 35 mm | Range Ø5/83mm M14x2 | 601 |
| MG | 30 mm | Tungsten CAST IRON Range Ø16/114mm | 603 |
| CM | WOOD 60 mm Ø22/125 | CARBIDE TIPPED PVC Range Ø22/125mm | 604 |
| TB CL | | CIRCLE CUTTING HOLE CUTTERS Ø200/220/285/410 mm DRYWALL CAST | 605 |
| CDH | 150 mm | | 608 |

BI-METAL HSS HOLESAWS WITH VARIABLE TEETH 4/6

HSS
M3

4/6



Al



Cu-Ni-La

CAST
IRON

PVC

35 mm
CUTTING
CAPACITY

Ref. CB

Blister dimensions
165 x 105 mm

Ref. CB AVAILABLE IN BLISTER AND CARTON BOX

| Ø mm | Ø Inches | CB Carton | | CB Blister | |
|---------|-------------|--------------|-------|---------------|-------|
| | | Ref. | € | Ref. | € |
| 14 | 9/16 | CB14 | 6,48 | CB14B | 6,48 |
| 16 | 5/8 | CB16 | 6,48 | CB16B | 6,48 |
| 17 | 11/16 | CB17 | 6,55 | CB17B | 6,55 |
| 19 | 3/4 | CB19 | 7,20 | CB19B | 7,20 |
| 20 | - | CB20 | 7,20 | CB20B | 7,20 |
| 21 | 13/16 | CB21 | 7,20 | CB21B | 7,20 |
| 22 | 7/8 | CB22 | 7,57 | CB22B | 7,57 |
| 24 | 15/16 | CB24 | 8,18 | CB24B | 8,18 |
| 25 | 1" | CB25 | 8,53 | CB25B | 8,53 |
| 27 | 1.1/16 | CB27 | 8,91 | CB27B | 8,91 |
| 29 | 1.1/8 | CB29 | 9,41 | CB29B | 9,41 |
| 30 | 1.3/16 | CB30 | 9,95 | CB30B | 9,95 |
| 32 | 1.1/4 | CB32 | 10,21 | CB32B | 10,21 |
| 33 | 1.5/16 | CB33 | 10,94 | CB33B | 10,94 |
| 35 | 1.3/8 | CB35 | 11,03 | CB35B | 11,03 |
| 37 | 1.7/16 | CB37 | 11,67 | CB37B | 11,67 |
| 38 | 1.1/2 | CB38 | 11,84 | CB38B | 11,84 |
| 40 | 1.9/16 | CB40 | 12,01 | CB40B | 12,01 |
| 41 | 1.5/8 | CB41 | 12,01 | CB41B | 12,01 |
| 43 | 1.11/16 | CB43 | 12,21 | CB43B | 12,21 |
| 44 | 1.3/4 | CB44 | 12,66 | CB44B | 12,66 |
| 45 | - | CB45 | 13,05 | CB45B | 13,05 |
| 46 | 1.13/16 | CB46 | 13,32 | CB46B | 13,32 |
| 48 | 1.7/8 | CB48 | 13,67 | CB48B | 13,67 |
| 50 | - | CB50 | 13,88 | CB50B | 13,88 |
| 51 | 2" | CB51 | 13,88 | CB51B | 13,88 |
| 52 | 2.1/16 | CB52 | 14,28 | CB52B | 14,28 |
| 54 | 2.1/8 | CB54 | 14,76 | CB54B | 14,76 |
| 55 | - | CB55 | 15,18 | CB55B | 15,18 |
| 57 | 2.1/4 | CB57 | 15,31 | CB57B | 15,31 |
| 59 | 2.5/16 | CB59 | 15,72 | CB59B | 15,72 |
| 60 | 2.3/8 | CB60 | 16,19 | CB60B | 16,19 |

| Ø mm | Ø Inches | CB Carton | | CB Blister | |
|---------|-------------|--------------|--------|---------------|-------|
| | | Ref. | € | Ref. | € |
| 64 | 2.1/2 | CB64 | 16,45 | CB64B | 16,45 |
| 65 | 2.9/16 | CB65 | 17,10 | CB65B | 17,10 |
| 67 | 2.5/8 | CB67 | 17,16 | CB67B | 17,16 |
| 68 | - | CB68 | 17,16 | CB68B | 17,16 |
| 70 | 2.3/4 | CB70 | 17,45 | CB70B | 17,45 |
| 73 | 2.7/8 | CB73 | 17,49 | CB73B | 17,49 |
| 75 | - | CB75 | 18,52 | CB75B | 18,52 |
| 76 | 3" | CB76 | 18,52 | CB76B | 18,52 |
| 79 | 3.1/8 | CB79 | 18,62 | CB79B | 18,62 |
| 83 | 3.1/4 | CB83 | 18,62 | CB83B | 18,62 |
| 86 | 3.3/8 | CB86 | 18,70 | | |
| 89 | 3.1/2 | CB89 | 18,76 | | |
| 92 | 3.5/8 | CB92 | 20,70 | | |
| 95 | 3.3/4 | CB95 | 24,91 | | |
| 98 | 3.7/8 | CB98 | 25,79 | | |
| 100 | - | CB100 | 26,78 | | |
| 102 | 4" | CB102 | 26,78 | | |
| 104 | 4.1/8 | CB104 | 29,62 | | |
| 108 | 4.1/4 | CB108 | 31,35 | | |
| 111 | 4.3/8 | CB111 | 31,94 | | |
| 114 | 4.1/2 | CB114 | 32,54 | | |
| 121 | 4.3/4 | CB121 | 33,03 | | |
| 127 | 5" | CB127 | 39,36 | | |
| 140 | 5.1/2 | CB140 | 41,17 | | |
| 146 | 5.3/4 | CB146 | 43,03 | | |
| 152 | 6" | CB152 | 53,19 | | |
| 160 | - | CB160 | 83,48 | | |
| 168 | - | CB168 | 91,73 | | |
| 177 | - | CB177 | 93,42 | | |
| 210 | - | CB210 | 98,52 | | |
| 225 | - | CB225 | 130,37 | | |
| 250 | - | CB250 | 159,08 | | |

Holesaws with diameter between 14 and 30mm have no holes for arbors with pins.
Check page 556 for cutting conditions.

BI-METAL HSSCo 8% HOLESAWS WITH VARIABLE TEETH 4/6

Ref. COB

HSSCo
8%

4/6

INOX



CAST IRON



- Longer duration of the sharpening and cutting life time.
- Sharper, quicker and more precise cut.
- Reduced vibrations and wear.
- M42: Improved performance and durability.

45 mm
CUTTING
CAPACITY



Holesaws

Pink

Ref. COB AVAILABLE IN BLISTER AND CARTON BOX

| Ø mm | Ø Inches | COB Carton | | COB Blister | |
|------|----------|------------|-------|-------------|-------|
| | | Ref. | € | Ref. | € |
| 14 | 9/16 | COB14 | 11,25 | COB14B | 11,25 |
| 16 | 5/8 | COB16 | 11,63 | COB16B | 11,63 |
| 17 | 11/16 | COB17 | 11,66 | COB17B | 11,66 |
| 19 | 3/4 | COB19 | 11,66 | COB19B | 11,66 |
| 20 | - | COB20 | 11,66 | COB20B | 11,66 |
| 21 | 13/16 | COB21 | 11,66 | COB21B | 11,66 |
| 22 | 7/8 | COB22 | 11,89 | COB22B | 11,89 |
| 24 | 15/16 | COB24 | 11,91 | COB24B | 11,91 |
| 25 | 1" | COB25 | 12,65 | COB25B | 12,65 |
| 27 | 1.1/16 | COB27 | 13,34 | COB27B | 13,34 |
| 29 | 1.1/8 | COB29 | 13,43 | COB29B | 13,43 |
| 30 | 1.3/16 | COB30 | 13,43 | COB30B | 13,43 |
| 32 | 1.1/4 | COB32 | 13,43 | COB32B | 13,43 |
| 33 | 1.5/16 | COB33 | 13,43 | COB33B | 13,43 |
| 35 | 1.3/8 | COB35 | 14,57 | COB35B | 14,57 |
| 37 | 1.7/16 | COB37 | 14,57 | COB37B | 14,57 |
| 38 | 1.1/2 | COB38 | 14,64 | COB38B | 14,64 |
| 40 | 1.9/16 | COB40 | 14,68 | COB40B | 14,68 |
| 41 | 1.5/8 | COB41 | 14,68 | COB41B | 14,68 |
| 43 | 1.11/16 | COB43 | 14,68 | COB43B | 14,68 |
| 44 | 1.3/4 | COB44 | 16,88 | COB44B | 16,88 |
| 45 | - | COB45 | 17,30 | COB45B | 17,30 |
| 46 | 1.13/16 | COB46 | 17,40 | COB46B | 17,40 |
| 48 | 1.7/8 | COB48 | 17,43 | COB48B | 17,43 |
| 50 | - | COB50 | 17,48 | COB50B | 17,48 |
| 51 | 2" | COB51 | 17,60 | COB51B | 17,60 |
| 52 | 2.1/16 | COB52 | 19,55 | COB52B | 19,55 |
| 54 | 2.1/8 | COB54 | 20,08 | COB54B | 20,08 |
| 55 | - | COB55 | 20,15 | COB55B | 20,15 |
| 57 | 2.1/4 | COB57 | 20,30 | COB57B | 20,30 |
| 59 | 2.5/16 | COB59 | 20,32 | COB59B | 20,32 |
| 60 | 2.3/8 | COB60 | 20,32 | COB60B | 20,32 |

| Ø mm | Ø Inches | COB Carton | | COB Blister | |
|------|----------|------------|-------|-------------|-------|
| | | Ref. | € | Ref. | € |
| 64 | 2.1/2 | COB64 | 21,88 | COB64B | 21,88 |
| 65 | 2.9/16 | COB65 | 22,09 | COB65B | 22,09 |
| 67 | 2.5/8 | COB67 | 22,09 | COB67B | 22,09 |
| 68 | - | COB68 | 22,09 | COB68B | 22,09 |
| 70 | 2.3/4 | COB70 | 22,09 | COB70B | 22,09 |
| 73 | 2.7/8 | COB73 | 22,09 | COB73B | 22,09 |
| 75 | - | COB75 | 22,43 | COB75B | 22,43 |
| 76 | 3" | COB76 | 23,64 | COB76B | 23,64 |
| 79 | 3.1/8 | COB79 | 23,70 | COB79B | 23,70 |
| 83 | 3.1/4 | COB83 | 23,70 | COB83B | 23,70 |
| 86 | 3.3/8 | COB86 | 23,70 | | |
| 89 | 3.1/2 | COB89 | 23,79 | | |
| 92 | 3.5/8 | COB92 | 26,59 | | |
| 95 | 3.3/4 | COB95 | 31,69 | | |
| 98 | 3.7/8 | COB98 | 32,80 | | |
| 100 | - | COB100 | 35,34 | | |
| 102 | 4" | COB102 | 36,12 | | |
| 104 | 4.1/8 | COB104 | 39,06 | | |
| 108 | 4.1/4 | COB108 | 39,18 | | |
| 111 | 4.3/8 | COB111 | 39,98 | | |
| 114 | 4.1/2 | COB114 | 40,81 | | |
| 121 | 4.3/4 | COB121 | 43,34 | | |
| 127 | 5" | COB127 | 45,08 | | |
| 140 | 5.1/2 | COB140 | 50,22 | | |
| 146 | 5.3/4 | COB146 | 52,63 | | |
| 152 | 6" | COB152 | 63,91 | | |

Holesaws with diameter between 14 and 30mm have no holes for arbors with pins.
Check page 556 for cutting conditions.

| CUTTING SPEED | |
|---------------|-------|
| CAPACITY Ø mm | R.P.M |
| 14-25 | 600 |
| 27-45 | 350 |
| 46-60 | 250 |
| 64-83 | 150 |
| 86-102 | 120 |
| 104-121 | 90 |
| 127-152 | 60 |

ARBORS AND ACCESSORIES FOR BI-METAL HOLESAWS

ARBORS IN CARTON BOX AND BLISTER



Ref. B5514



Ref. B5518



→ Ref. B5519
The most usual



Ref. B5520



Ref. B5545



→ Ref. B5546
The most usual



Ref. B5547*



Ref. B5556SDS



Ref. B5547M



WITHOUT EJECTION SPRING

WITH EJECTION SPRING

| SHANK | CAPACITY Ø mm | Carton | | Blister | | Carton | | Blister | |
|-----------|------------------|----------|-------|---------|-------|-----------|-------|----------|-------|
| | | Ref. | € | Ref. | € | Ref. | € | Ref. | € |
| Ø 6,35 mm | 14 - 30 | B5514 | 9,60 | B5514S | 10,26 | B5514M | 10,62 | 5514-BME | 10,65 |
| Ø 11,0 mm | 14 - 30 | B5518 | 12,64 | B5518S | 13,49 | B5518M | 13,63 | 5518-BME | 13,63 |
| Ø 9,5 mm | 14 - 30 | B5519 | 12,94 | B5519S | 14,07 | B5519M | 13,92 | 5519-BME | 15,12 |
| Ø 11,0 mm | 32 - 38 | B5520 | 15,17 | B5520S | 15,17 | B5520M | 16,16 | | |
| Ø 11,0 mm | 32 - 250 | B5545 | 20,50 | B5545S | 20,50 | B5545M | 21,49 | | |
| Ø 9,5 mm | 32 - 250 | B5546 | 20,50 | B5546S | 21,88 | B5546M | 21,49 | 5546-BME | 22,93 |
| Ø 11,0 mm | 32 - 250 | B5547* | 21,42 | B5547S | 23,40 | B5547M | 22,43 | 5547-BME | 24,53 |
| Ø 16,0 mm | 32 - 250 | B5573 | 22,35 | | | B5573M | 23,34 | | |
| SDS-PLUS | 14 - 30 | B5529SDS | 17,19 | | | B5529SDSM | 17,72 | | |
| SDS-PLUS | 32 - 250 | B5556SDS | 31,82 | | | B5556SDSM | 32,51 | | |



B8530
0,91 €

* High performance rigid arbor

PILOT DRILLS

HSS



Ref. B8534 The most usual



Ref. B8535



Ref. B8536



Ref. B8537



Ref. B8538



| Ø mm | Lt mm | FLAT N° | PACKAGING | CORRESPONDING ARBORS | Box | | Blister | |
|------|-------|---------|-----------|--|-------|------|---------|------|
| | | | | | Ref. | € | Ref. | € |
| 6,35 | 83 | 2 | 10 | 5514-5518-5519-5520-5545-5546 5573-5529SDS -5556SDS -5547 | B8534 | 3,06 | B8534S | 4,04 |
| 6,35 | 107 | 3 | 10 | 5514-5518-5519-5520-5545-5546 5573-5529SDS -5556SDS -5547 | B8535 | 3,06 | B8535S | 4,04 |
| 6,35 | 87 | 1 | 10 | 5514-5518-5520-5573-5545 | B8536 | 3,06 | B8536S | 4,04 |
| 6,35 | 82 | 1 | 10 | Holesaws Remgrit | B8537 | 2,72 | B8537S | 5,01 |
| 6,35 | 97 | 1 | 10 | Holesaws Remgrit | B8538 | 2,72 | B8538S | 5,01 |

Holesaws

Pink

ARBORS AND ACCESSORIES FOR BI-METAL HOLESAWS

EXTENSION ARBOR 300 mm



Suitable for arbors:
Ref. 5519-5546
Hex. shank 9,5 mm

B5500
24,61 €

ARBOR ADAPTER mm



This threaded adaptor allows to use 5514, 5518 and 5519 HOLESAWS with diameter >30 mm in favourable cutting conditions

B5511
8,56 €

SPARE SCREW (TO HOLD DRILL AT THE ARBOR)



Arbors screw:
Ref. 5514 - 5518 - 5519 - 5520

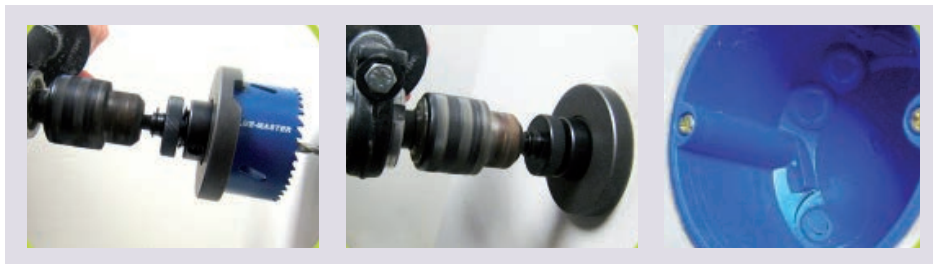
BSS1
2,24 €



Arbors screw:
Ref. 5545 - 5546 - 5573

BSS2
2,24 €

HOLESAW SET FOR PLASTER



Set 1 Ø67

Ref. CPL67

Content:

- 1 Bimetal hole saw CB67: Ø 67 mm.
- 1 Arbor Ref. B5547
- 1 Countersinking washer for plaster Ref. CPL

83,16 €



Set 2 Ø68

Ref. CPL68

Content:

- 1 Bimetal hole saw CB68: Ø 68 mm.
- 1 Arbor Ref. B5547
- 1 Countersinking washer for plaster Ref. CPL

83,16 €

COMPONENTS

| | DESCRIPTION | € |
|-------|--------------------------------------|--------------|
| CPL | Countersinking washer for plaster | 61,58 |
| B5547 | Rigid arbor for HOLESAWS Ø 32-250 mm | 21,42 |
| CB67 | Bimetal hole saw CB67 Ø 67 mm | 17,16 |
| CB68 | Bimetal hole saw CB68 Ø 68 mm | 17,16 |

BI-METAL HSS HOLESAWS WITH VARIABLE TEETH 4/6 EXTRA LONG SERIES FOR LOCKSMITH

Holesaws

Pink

Ref. CBX100

HSS
M3

4/6



Al



Cu-Ni-La

CAST
IRON

PVC

100 mm
CUTTING
CAPACITY

| CBX100 | | |
|----------|---------|-------|
| | Ø mm | € |
| CB25X100 | 25 | 43,47 |
| CB27X100 | 27 | 48,51 |
| CB29X100 | 29 | 51,19 |
| CB30X100 | 30 | 53,90 |
| CB32X100 | 32 | 55,22 |
| CB33X100 | 33 | 58,83 |
| CB35X100 | 35 | 55,46 |
| CB38X100 | 38 | 63,41 |
| CB40X100 | 40 | 60,29 |

| CBX100 | | |
|----------|---------|-------|
| | Ø mm | € |
| CB41X100 | 41 | 64,51 |
| CB43X100 | 43 | 64,87 |
| CB44X100 | 44 | 65,29 |
| CB45X100 | 45 | 67,03 |
| CB46X100 | 46 | 68,29 |
| CB48X100 | 48 | 68,29 |
| CB50X100 | 50 | 69,84 |
| CB51X100 | 51 | 69,84 |
| CB52X100 | 52 | 74,94 |
| CB54X100 | 54 | 77,18 |
| CB55X100 | 55 | 79,11 |
| CB57X100 | 57 | 80,20 |
| CB59X100 | 59 | 82,39 |
| CB60X100 | 60 | 84,71 |
| CB64X100 | 64 | 86,02 |
| CB65X100 | 65 | 90,23 |
| CB67X100 | 67 | 93,27 |
| CB68X100 | 68 | 93,27 |
| CB70X100 | 70 | 96,51 |

| CBX100 | | |
|-----------|---------|--------|
| | Ø mm | € |
| CB73X100 | 73 | 96,98 |
| CB75X100 | 75 | 97,50 |
| CB79X100 | 79 | 98,35 |
| CB83X100 | 83 | 98,35 |
| CB86X100 | 86 | 98,69 |
| CB89X100 | 89 | 99,07 |
| CB92X100 | 92 | 109,26 |
| CB95X100 | 95 | 129,29 |
| CB98X100 | 98 | 133,88 |
| CB100X100 | 100 | 139,31 |
| CB102X100 | 102 | 139,31 |
| CB104X100 | 104 | 153,99 |
| CB108X100 | 108 | 163,95 |
| CB111X100 | 111 | 168,66 |
| CB114X100 | 114 | 174,49 |
| CB127X100 | 127 | 211,66 |
| CB140X100 | 140 | 226,00 |
| CB146X100 | 146 | 237,02 |
| CB152X100 | 152 | 285,98 |

Holesaws with diameter between 14 and 30mm have no holes for arbors with pins.

BI-METAL HSSCo HOLESAWS WITH VARIABLE TEETH 4/6

Ref. COB

HSSCo
8%

4/6

CAST
IRON

Cu-Ni-La

- Longer duration of the sharpening and cutting life time.
- Sharper, quicker and more precise cut.
- Reduced vibrations and wear.
- M42: better performance and durability.

100 mm
CUTTING
CAPACITY

| COBX100 | | |
|-----------|---------|-------|
| | Ø mm | € |
| COB25X100 | 25 | 72,54 |
| COB35X100 | 35 | 83,57 |
| COB40X100 | 40 | 84,42 |
| COB45X100 | 45 | 97,02 |
| COB50X100 | 50 | 97,61 |
| COB51X100 | 51 | 99,59 |



ARBORS FOR EXTRA LONG HOLESAWS



PILOT DRILLS



| DESCRIPTION | CAPACITY mm | € | Ø mm | Li mm | CORRESPONDING ARBORS | € |
|-------------|----------------|-------|---------|----------|-------------------------|-------|
| B5516 | 14 - 30 | 24,33 | 6,35 | 155 | B5516 / B5548 | 14,64 |
| B5548 | 32-250 | 36,94 | | | | |

BI-METAL HOLESAWS DISPLAYS



Ref. CB

| | | | | | | | |
|--------|-----|--|----|----------|-----------|-----|--|
| HSS M3 | 4/6 | | Al | Cu-Ni-La | CAST IRON | PVC | |
|--------|-----|--|----|----------|-----------|-----|--|

ARBORS BLUEMASTER HOLESAW DISPLAY

| B5519 | CB16 | CB19 | CB20 | CB22 | CB25 | CB27 | CB30 |
|---------|------|------|------|------|------|------|------|
| Ø 14-30 | Ø 16 | Ø 19 | Ø 20 | Ø 22 | Ø 25 | Ø 27 | Ø 30 |
| 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| B5546 | CB32 | CB35 | CB40 | CB48 | CB50 | CB60 | CB68 |
| Ø32-250 | Ø 32 | Ø 35 | Ø 40 | Ø 48 | Ø 50 | Ø 60 | Ø 68 |
| 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |

Ref. CBEXP1 530 mm
 523,76 € ↑ → 885 mm

Ref. COB

| | | | | | |
|----------|-----|--|------|----------|-----------|
| HSSCo 8% | 4/6 | | INOX | Cu-Ni-La | CAST IRON |
|----------|-----|--|------|----------|-----------|

ARBORS BLUEMASTER HSS-CO 8% HOLESAW DISPLAY

| B5519 | COB16 | COB19 | COB20 | COB22 | COB25 | COB27 | COB30 |
|---------|-------|-------|-------|-------|-------|-------|-------|
| Ø 14-30 | Ø 16 | Ø 19 | Ø 20 | Ø 22 | Ø 25 | Ø 27 | Ø 30 |
| 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| B5546 | COB32 | COB35 | COB40 | COB48 | COB51 | COB60 | COB68 |
| Ø32-250 | Ø 32 | Ø 35 | Ø 40 | Ø 48 | Ø 51 | Ø 60 | Ø 68 |
| 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |

Ref. COBEXP1 530 mm
 673,72 € ↑ → 885 mm

BI-METAL HOLESAWS SETS HSS

HSS
M3

4/6



Al



Cu - Ni - La

CAST
IRON

PVC

35 mm
CUTTING
CAPACITY

Ref. CB

Holesaws

Pink



Ref. CB9576



SET FOR ELECTRICIANS, GENERAL USES

10
Pieces

CB9576 7 Holesaws CB: Ø 16 - 20 - 25 - 32 - 40 - 50 - 68 mm

CB9570 7 Holesaws CB: Ø 20 - 25 - 32 - 40 - 44 - 60 - 68 mm

Content:

1 Arbor Ref. 5519 ⬡ 9,5 Capacity 14-30

1 Arbor Ref. 5546 ⬡ 9,5 Capacity 32-250

1 Arbor adapter Ref. 5511

CB9576 96,84 €

CB9570 98,19 €



SET FOR LOCKSMITHERS

9
Pieces

CB9571 6 Holesaws CB: Ø 22 - 35 - 51 - 60 - 68 - 73 mm

CB9574 6 Holesaws CB: Ø 22 - 35 - 50 - 60 - 68 - 73 mm

Content:

1 Arbor Ref. 5519 ⬡ 9,5 Capacity 14-30

1 Arbor Ref. 5546 ⬡ 9,5 Capacity 32-250

1 Arbor adapter Ref. 5511

102,21 €

SET FOR PLUMBERS

10
Pieces

CB9573 7 Holesaws CB: Ø 20 - 25 - 30 - 40 - 44 - 60 - 68 mm

CB9575 7 Holesaws CB: Ø 19 - 25 - 32 - 40 - 44 - 60 - 68 mm

Content:

1 Arbor Ref. 5519 ⬡ 9,5 Capacity 14-30

1 Arbor Ref. 5546 ⬡ 9,5 Capacity 32-250

1 Arbor adapter Ref. 5511

98,19 €

SET FOR INDUSTRIAL MAINTENANCES

13
Pieces

CB9572 10 Holesaws CB: 20 - 22 - 25 - 32 - 35 - 40 - 44 - 60 - 68 - 76 mm

Content:

1 Arbor Ref. 5519 ⬡ 9,5 Capacity 14-30

1 Arbor Ref. 5546 ⬡ 9,5 Capacity 32-250

1 Arbor adapter Ref. 5511

132,00 €



BI-METAL HOLESAWS SETS HSSCO 8%

HSSCo
8%



INOX



CAST IRON



- Longer duration of the sharpening and cutting life time.
- Sharper, quicker and more precise cut.
- Reduced vibrations and wear.
- M42: Improved performance and durability.

45 mm
CUTTING
CAPACITY



Ref. COB

Holesaws

Pink



Ref. COB9576



10
Pieces

ELECTRICIANS SET, GENERAL USES

COB9576 7 Holesaws COB: Ø 16 - 20 - 25 - 32 - 40 - 50 - 68 mm

COB9570 7 Holesaws COB: Ø 20 - 25 - 32 - 40 - 44 - 60 - 68 mm

Content:

- 1 Arbor Ref. 5519 ◻ 9,5 Capacity 14-30
- 1 Arbor Ref. 5546 ◻ 9,5 Capacity 32-250
- 1 Arbor adapter Ref. 5511

COB9576 105,21 €

COB9570 108,00 €

SET FOR PLUMBERS

10
Pieces

COB9573 7 Holesaws COB: Ø 20 - 25 - 30 - 40 - 44 - 60 - 68 mm

COB9575 7 Holesaws COB: Ø 19 - 25 - 32 - 40 - 44 - 60 - 68 mm

Content:

- 1 Arbor Ref. 5519 ◻ 9,5 Capacity 14-30
- 1 Arbor Ref. 5546 ◻ 9,5 Capacity 32-250
- 1 Arbor adapter Ref. 5511

112,43 €

SET FOR LOCKSMITHERS

9
Pieces

COB9571 6 Holesaws COB: Ø 22 - 35 - 51 - 60 - 68 - 73 mm

COB9574 6 Holesaws COB: Ø 22 - 35 - 50 - 60 - 68 - 73 mm

Content:

- 1 Arbor Ref. 5519 ◻ 9,5 Capacity 14-30
- 1 Arbor Ref. 5546 ◻ 9,5 Capacity 32-250
- 1 Arbor adapter Ref. 5511

108,00 €

SET FOR INDUSTRIAL MAINTENANCES

13
Pieces

COB9572 10 Holesaws COB: 20 - 22 - 25 - 32 - 35 - 40 - 44 - 60 - 68 - 76 mm

Content:

- 1 Arbor Ref. 5519 ◻ 9,5 Capacity 14-30
- 1 Arbor Ref. 5546 ◻ 9,5 Capacity 32-250
- 1 Arbor adapter Ref. 5511

145,19 €



HSS RESHARPENABLE HOLESAWS FOR METALS

HSS

Ref. CBR



Al

CAST
IRON5 mm
CUTTING
CAPACITY

Clamp the jaws of the chuck on the 3 flat faces in order to avoid any slippery of the arbor.

| | Ø mm | CBR € |
|--------|------|----------|
| CBR010 | 10 | 15,98 |
| CBR011 | 11 | 16,22 |
| CBR012 | 12 | 16,22 |
| CBR013 | 13 | 17,57 |
| CBR014 | 14 | 17,57 |
| CBR015 | 15 | 17,90 |
| CBR016 | 16 | 17,90 |
| CBR017 | 17 | 19,97 |
| CBR018 | 18 | 20,64 |
| CBR019 | 19 | 21,60 |
| CBR020 | 20 | 22,10 |
| CBR021 | 21 | 22,75 |
| CBR022 | 22 | 24,07 |
| CBR023 | 23 | 25,22 |
| CBR024 | 24 | 26,20 |
| CBR025 | 25 | 26,82 |
| CBR026 | 26 | 27,93 |
| CBR027 | 27 | 28,92 |
| CBR028 | 28 | 30,36 |
| CBR029 | 29 | 31,72 |
| CBR030 | 30 | 32,44 |
| CBR031 | 31 | 35,09 |
| CBR032 | 32 | 36,58 |
| CBR033 | 33 | 37,82 |
| CBR034 | 34 | 38,99 |
| CBR035 | 35 | 39,57 |
| CBR036 | 36 | 41,12 |
| CBR037 | 37 | 42,32 |
| CBR038 | 38 | 43,55 |
| CBR039 | 39 | 44,44 |

| | Ø mm | CBR € |
|--------|------|----------|
| CBR040 | 40 | 45,66 |
| CBR041 | 41 | 47,16 |
| CBR042 | 42 | 48,07 |
| CBR043 | 43 | 49,00 |
| CBR044 | 44 | 50,18 |
| CBR045 | 45 | 51,40 |
| CBR046 | 46 | 52,32 |
| CBR047 | 47 | 53,52 |
| CBR048 | 48 | 55,04 |
| CBR049 | 49 | 55,93 |
| CBR050 | 50 | 57,14 |
| CBR051 | 51 | 71,06 |
| CBR052 | 52 | 71,06 |
| CBR053 | 53 | 71,06 |
| CBR054 | 54 | 71,06 |
| CBR055 | 55 | 71,06 |
| CBR056 | 56 | 84,66 |
| CBR057 | 57 | 84,66 |
| CBR058 | 58 | 84,66 |
| CBR059 | 59 | 84,66 |
| CBR060 | 60 | 84,66 |
| CBR061 | 61 | 98,86 |
| CBR062 | 62 | 98,86 |
| CBR063 | 63 | 98,86 |
| CBR064 | 64 | 98,86 |
| CBR065 | 65 | 98,86 |
| CBR066 | 66 | 124,52 |
| CBR067 | 67 | 124,52 |
| CBR068 | 68 | 124,52 |
| CBR069 | 69 | 124,52 |

| | Ø mm | CBR € |
|--------|------|----------|
| CBR070 | 70 | 124,52 |
| CBR071 | 71 | 130,92 |
| CBR072 | 72 | 130,92 |
| CBR073 | 73 | 130,92 |
| CBR074 | 74 | 130,92 |
| CBR075 | 75 | 130,92 |
| CBR076 | 76 | 148,86 |
| CBR077 | 77 | 148,86 |
| CBR078 | 78 | 148,86 |
| CBR079 | 79 | 148,86 |
| CBR080 | 80 | 148,86 |
| CBR081 | 81 | 169,68 |
| CBR082 | 82 | 169,70 |
| CBR083 | 83 | 171,77 |
| CBR084 | 84 | 169,68 |
| CBR085 | 85 | 169,68 |
| CBR086 | 86 | 177,99 |
| CBR087 | 87 | 180,04 |
| CBR088 | 88 | 178,32 |
| CBR089 | 89 | 178,32 |
| CBR090 | 90 | 178,32 |
| CBR091 | 91 | 195,88 |
| CBR092 | 92 | 198,02 |
| CBR093 | 93 | 195,27 |
| CBR094 | 94 | 194,54 |
| CBR095 | 95 | 196,60 |
| CBR096 | 96 | 206,62 |
| CBR097 | 97 | 208,78 |
| CBR098 | 98 | 206,88 |
| CBR099 | 99 | 208,99 |
| CBR100 | 100 | 206,95 |

These holesaws are always delivered with an arbor, which is included in the price.



Ref. AT12



Ref. CM12

ARBORS FOR RESHARPENABLE HOLESAWS WITH & WITHOUT TIN

| DESCRIPTION | RANGE Ø mm | € | |
|-------------|--|----------|-------|
| AT09 | Ø10 triangular with thread M12x1,25+drill 6mm | 10 - 13 | 15,32 |
| AT10 | Shank Ø8mm - thread M10x1,25 and drill+Ø6mm | 14 - 22 | 15,32 |
| AT12 | Shank Ø9mm triangular thread M12x1,25+drill Ø6mm | 23 - 40 | 17,15 |
| AT16 | Shank Ø10mm triangular thread M16x1,25+drill Ø6mm | 41 - 60 | 21,80 |
| AT20 | Shank Ø12mm triangular thread M20x1,25+drill Ø8mm | 61 - 90 | 24,95 |
| AT28 | Shank Ø13mm triangular thread M28x2,00+drill Ø 8mm | 91 - 100 | 33,66 |
| CM09 | Morse Taper 2 - thread M09x1,25 + drill Ø5mm | 10 - 13 | 39,39 |
| CM10 | Morse Taper 2 - thread M10x1,25 + drill Ø5mm | 14 - 22 | 39,39 |
| CM12 | Morse Taper 2 - thread M12x1,25 + drill Ø6mm | 23 - 40 | 40,26 |
| CM16 | Morse Taper 2 - thread M16x1,25 + drill Ø6mm | 41 - 60 | 40,26 |
| CM20 | Morse Taper 3 - thread M20x1,25 + drill Ø8mm | 61 - 90 | 58,43 |
| CM28 | Morse Taper 4 - thread M28x2,00 + drill Ø8mm | 91 - 100 | 96,89 |

PILOT DRILL

| | DESCRIPTION | RANGE Ø mm | € |
|-------|------------------|---------------|-------|
| B5 | HSS Ø 5 mm | 10 - 22 | 6,00 |
| B6 | HSS Ø 6 mm | 23 - 60 | 6,92 |
| B8 | HSS Ø 8 mm | 61 - 100 | 7,65 |
| B6TiN | HSS + TiN Ø 6 mm | 23 - 60 | 10,05 |
| B8TiN | HSS + TiN Ø 8 mm | 61 - 100 | 11,11 |



HSS + TIN RESHARPENABLE HOLESAWS FOR METALS

HSS

TiN

Ref. CBR..T



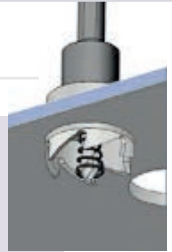
Al



Cu-Ni-La

CAST IRON

5 mm CUTTING CAPACITY



Holesaws

Pink



| CBR..T | | |
|---------|------|-------|
| | Ø mm | € |
| CBRO10T | 10 | 27,87 |
| CBRO11T | 11 | 28,45 |
| CBRO12T | 12 | 27,72 |
| CBRO13T | 13 | 30,44 |
| CBRO14T | 14 | 30,44 |
| CBRO15T | 15 | 30,78 |
| CBRO16T | 16 | 32,85 |
| CBRO17T | 17 | 36,95 |
| CBRO18T | 18 | 37,96 |
| CBRO19T | 19 | 41,64 |
| CBRO20T | 20 | 42,78 |
| CBRO21T | 21 | 44,08 |
| CBRO22T | 22 | 46,41 |
| CBRO23T | 23 | 48,56 |
| CBRO24T | 24 | 50,55 |
| CBRO25T | 25 | 51,82 |
| CBRO26T | 26 | 58,77 |
| CBRO27T | 27 | 60,08 |
| CBRO28T | 28 | 61,80 |
| CBRO29T | 29 | 63,13 |
| CBRO30T | 30 | 63,81 |
| CBRO31T | 31 | 67,14 |
| CBRO32T | 32 | 68,92 |
| CBRO33T | 33 | 70,81 |
| CBRO34T | 34 | 73,00 |
| CBRO35T | 35 | 75,26 |
| CBRO36T | 36 | 77,47 |
| CBRO37T | 37 | 79,67 |
| CBRO38T | 38 | 81,52 |

| CBR..T | | |
|---------|------|--------|
| | Ø mm | € |
| CBRO39T | 39 | 84,13 |
| CBRO40T | 40 | 86,37 |
| CBRO41T | 41 | 88,16 |
| CBRO42T | 42 | 90,44 |
| CBRO43T | 43 | 92,34 |
| CBRO44T | 44 | 94,88 |
| CBRO45T | 45 | 97,09 |
| CBRO46T | 46 | 99,03 |
| CBRO47T | 47 | 101,24 |
| CBRO48T | 48 | 105,44 |
| CBRO49T | 49 | 105,64 |
| CBRO50T | 50 | 107,49 |
| CBRO51T | 51 | 129,01 |
| CBRO52T | 52 | 131,89 |
| CBRO53T | 53 | 134,52 |
| CBRO54T | 54 | 137,27 |
| CBRO55T | 55 | 140,31 |
| CBRO56T | 56 | 140,49 |
| CBRO57T | 57 | 143,24 |
| CBRO58T | 58 | 146,45 |
| CBRO59T | 59 | 148,88 |
| CBRO60T | 60 | 151,75 |
| CBRO61T | 61 | 178,92 |
| CBRO62T | 62 | 182,31 |
| CBRO63T | 63 | 185,43 |
| CBRO64T | 64 | 188,53 |
| CBRO65T | 65 | 192,10 |
| CBRO66T | 66 | 198,63 |
| CBRO67T | 67 | 201,76 |
| CBRO68T | 68 | 205,12 |
| CBRO69T | 69 | 208,24 |

| CBR..T | | |
|---------|------|--------|
| | Ø mm | € |
| CBRO70T | 70 | 214,41 |
| CBRO71T | 71 | 214,41 |
| CBRO72T | 72 | 217,82 |
| CBRO73T | 73 | 221,14 |
| CBRO74T | 74 | 224,38 |
| CBRO75T | 75 | 227,63 |
| CBRO76T | 76 | 229,13 |
| CBRO77T | 77 | 232,38 |
| CBRO78T | 78 | 235,63 |
| CBRO79T | 79 | 239,13 |
| CBRO80T | 80 | 241,57 |
| CBRO81T | 81 | 243,32 |
| CBRO82T | 82 | 246,66 |
| CBRO83T | 83 | 249,84 |
| CBRO84T | 84 | 253,29 |
| CBRO85T | 85 | 256,68 |
| CBRO86T | 86 | 259,12 |
| CBRO87T | 87 | 262,15 |
| CBRO88T | 88 | 265,57 |
| CBRO89T | 89 | 268,93 |
| CBRO90T | 90 | 273,45 |
| CBRO91T | 91 | 280,96 |
| CBRO92T | 92 | 284,18 |
| CBRO93T | 93 | 287,94 |
| CBRO94T | 94 | 291,35 |
| CBRO95T | 95 | 294,58 |
| CBRO96T | 96 | 296,92 |
| CBRO97T | 97 | 300,01 |
| CBRO98T | 98 | 303,55 |
| CBRO99T | 99 | 306,90 |
| CBR100T | 100 | 312,44 |

These holesaws are always delivered with an arbor, which is included in the price.

RESHARPENABLE HOLESAWS DISPLAY

E41P

Content:
41 Ref. CBR holesaws
Ø 10 - Ø 50 mm

1.405,00 €



HSSCo RESHARPENABLE HOLESAWS FOR METALS (SPECIAL FOR STAINLESS STEEL)

HSSCo

INOX

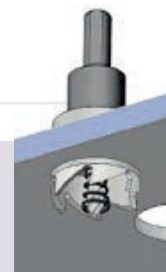
Ref. CBC



Al



Cu-Ni-La

CAST
IRON10 mm
CUTTING
CAPACITY

Holesaws

Pink

Specific sharpening
with chip-breaker

| | CBC | |
|--------|---------|-------|
| | Ø mm | € |
| CBC012 | 12 | 27,13 |
| CBC013 | 13 | 27,13 |
| CBC014 | 14 | 27,13 |
| CBC015 | 15 | 27,88 |
| CBC016 | 16 | 28,48 |
| CBC017 | 17 | 28,93 |
| CBC018 | 18 | 29,69 |
| CBC019 | 19 | 31,07 |
| CBC020 | 20 | 32,44 |
| CBC021 | 21 | 34,08 |
| CBC022 | 22 | 36,05 |
| CBC023 | 23 | 37,27 |
| CBC024 | 24 | 38,49 |
| CBC025 | 25 | 40,01 |
| CBC026 | 26 | 41,52 |
| CBC027 | 27 | 43,33 |
| CBC028 | 28 | 44,70 |
| CBC029 | 29 | 46,21 |
| CBC030 | 30 | 47,72 |
| CBC031 | 31 | 48,93 |
| CBC032 | 32 | 50,60 |
| CBC033 | 33 | 52,11 |
| CBC034 | 34 | 53,77 |
| CBC035 | 35 | 55,61 |
| CBC036 | 36 | 56,81 |
| CBC037 | 37 | 58,48 |
| CBC038 | 38 | 60,46 |
| CBC039 | 39 | 64,22 |
| CBC040 | 40 | 65,14 |
| CBC041 | 41 | 65,88 |

| | CBC | |
|--------|---------|--------|
| | Ø mm | € |
| CBC042 | 42 | 66,48 |
| CBC043 | 43 | 67,95 |
| CBC044 | 44 | 69,15 |
| CBC045 | 45 | 71,09 |
| CBC046 | 46 | 72,26 |
| CBC047 | 47 | 74,07 |
| CBC048 | 48 | 75,40 |
| CBC049 | 49 | 76,87 |
| CBC050 | 50 | 78,20 |
| CBC051 | 51 | 110,08 |
| CBC052 | 52 | 112,67 |
| CBC053 | 53 | 114,26 |
| CBC054 | 54 | 116,41 |
| CBC055 | 55 | 119,30 |
| CBC056 | 56 | 121,30 |
| CBC057 | 57 | 123,31 |
| CBC058 | 58 | 125,33 |
| CBC059 | 59 | 127,62 |
| CBC060 | 60 | 129,49 |
| CBC061 | 61 | 155,22 |
| CBC062 | 62 | 157,81 |
| CBC063 | 63 | 159,68 |
| CBC064 | 64 | 162,70 |
| CBC065 | 65 | 165,16 |
| CBC066 | 66 | 173,91 |
| CBC067 | 67 | 175,99 |
| CBC068 | 68 | 178,53 |
| CBC069 | 69 | 180,29 |
| CBC070 | 70 | 182,97 |
| CBC071 | 71 | 184,43 |

| | CBC | |
|--------|---------|--------|
| | Ø mm | € |
| CBC072 | 72 | 187,12 |
| CBC073 | 73 | 189,64 |
| CBC074 | 74 | 192,17 |
| CBC075 | 75 | 194,82 |
| CBC076 | 76 | 197,80 |
| CBC077 | 77 | 199,89 |
| CBC078 | 78 | 202,41 |
| CBC079 | 79 | 205,08 |
| CBC080 | 80 | 208,04 |
| CBC081 | 81 | 210,12 |
| CBC082 | 82 | 212,80 |
| CBC083 | 83 | 215,31 |
| CBC084 | 84 | 217,83 |
| CBC085 | 85 | 220,51 |
| CBC086 | 86 | 223,04 |
| CBC087 | 87 | 225,55 |
| CBC088 | 88 | 228,23 |
| CBC089 | 89 | 230,59 |
| CBC090 | 90 | 233,26 |
| CBC091 | 91 | 235,94 |
| CBC092 | 92 | 238,31 |
| CBC093 | 93 | 240,98 |
| CBC094 | 94 | 243,66 |
| CBC095 | 95 | 246,02 |
| CBC096 | 96 | 248,56 |
| CBC097 | 97 | 251,22 |
| CBC098 | 98 | 253,60 |
| CBC099 | 99 | 256,28 |
| CBC100 | 100 | 263,98 |

These HOLESAWS are always delivered with arbor, which is included in price.



Ref. HCBC1

ARBORS FOR RESHARPENABLE HOLESAWS WITH & WITHOUT TiAIN

| | DESCRIPTION | CAPACITY Ø mm | € |
|-----------|--|------------------|-------|
| HCBC0 | Shank 7mm Triangular thread M09x1,25+drill Ø 5 mm | 10 - 13 | 10,09 |
| HCBC1 | Shank 8mm Triangular thread M10x1,25+drill Ø 5 mm | 14 - 22 | 10,09 |
| HCBC2 | Shank 9mm Triangular thread M12x1,25+drill Ø 6 mm | 23 - 35 | 10,09 |
| HCBC3 | Shank 10mm Triangular thread M16x1,25+drill Ø 6 mm | 36 - 49 | 11,29 |
| HCBC4 | Shank 12mm Triangular thread M20x1,50+drill Ø 8 mm | 50 - 90 | 14,34 |
| HCBC5 | Shank 13mm Triangular thread M28x2,00+drill Ø 8 mm | 91 -100 | 16,43 |
| HCBC0-CM2 | Morse Taper 2 thread M09x1,25 and drill Ø 5 mm | 10 - 13 | 25,93 |
| HCBC1-CM2 | Morse Taper 2 thread M10x1,25 and drill Ø 5 mm | 14 - 22 | 25,93 |
| HCBC2-CM2 | Morse Taper 2 thread M12x1,25 and drill Ø 6 mm | 23 - 35 | 26,51 |
| HCBC2-CM3 | Morse Taper 3 thread M12x1,25 and drill Ø 6 mm | 23 - 35 | 37,98 |
| HCBC3-CM2 | Morse Taper 2 thread M16x1,25 and drill Ø 6 mm | 36 - 49 | 37,98 |
| HCBC3-CM3 | Morse Taper 3 thread M16x1,25 and drill Ø 6 mm | 36 - 49 | 37,98 |
| HCBC4-CM3 | Morse Taper 3 thread M20x1,50 and drill Ø 8 mm | 50 - 90 | 38,46 |
| HCBC4-CM4 | Morse Taper 4 thread M20x1,50 and drill Ø 8 mm | 50 - 90 | 63,80 |
| HCBC5-CM3 | Morse Taper 3 thread M28x2,00 and drill Ø 8 mm | 91 -100 | 63,80 |
| HCBC5-CM4 | Morse Taper 4 thread M28x2,00 and drill Ø 8 mm | 91 -100 | 63,80 |



PILOT DRILL

| | DESCRIPTION | CAPACITY Ø mm | € |
|---------|-------------------------|------------------|------|
| PCBC1 | Pilot HSSCo Ø 5 mm | 10 - 22 | 3,95 |
| PCBC2 | Pilot HSSCo Ø 6 mm | 23 - 49 | 4,56 |
| PCBC3 | Pilot HSSCo Ø 8 mm | 50 -100 | 5,05 |
| PCBC1TL | Pilot HSSCo+TiAIN Ø5 mm | 10 - 22 | 5,53 |
| PCBC2TL | Pilot HSSCo+TiAIN Ø6 mm | 23 - 49 | 6,38 |
| PCBC3TL | Pilot HSSCo+TiAIN Ø8 mm | 50 -100 | 7,06 |

HSSCo+TiAIN RESHARPENABLE HOLESAWS FOR METALS (SPECIAL FOR STAINLESS STEEL)

HSSCo

INOX

TiAIN

Ref. CBCTL



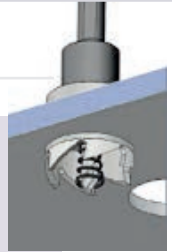
Al



Cu - Ni - La

CAST IRON

10 mm CUTTING CAPACITY



Holesaws

Pink



| CBCTL | | | CBCTL | | | CBCTL | | |
|----------|------|--------|----------|------|--------|----------|------|--------|
| | Ø mm | € | | Ø mm | € | | Ø mm | € |
| CBC012TL | 12 | 38,91 | CBC042TL | 42 | 104,64 | CBC072TL | 72 | 309,00 |
| CBC013TL | 13 | 38,91 | CBC043TL | 43 | 107,16 | CBC073TL | 73 | 317,67 |
| CBC014TL | 14 | 38,91 | CBC044TL | 44 | 109,36 | CBC074TL | 74 | 326,29 |
| CBC015TL | 15 | 40,00 | CBC045TL | 45 | 112,30 | CBC075TL | 75 | 335,33 |
| CBC016TL | 16 | 43,29 | CBC046TL | 46 | 114,40 | CBC076TL | 76 | 339,47 |
| CBC017TL | 17 | 45,14 | CBC047TL | 47 | 117,14 | CBC077TL | 77 | 340,26 |
| CBC018TL | 18 | 45,86 | CBC048TL | 48 | 120,69 | CBC078TL | 78 | 341,51 |
| CBC019TL | 19 | 49,82 | CBC049TL | 49 | 121,42 | CBC079TL | 79 | 354,68 |
| CBC020TL | 20 | 51,54 | CBC050TL | 50 | 123,10 | CBC080TL | 80 | 359,87 |
| CBC021TL | 21 | 53,69 | CBC051TL | 51 | 167,79 | CBC081TL | 81 | 362,49 |
| CBC022TL | 22 | 57,01 | CBC052TL | 52 | 175,21 | CBC082TL | 82 | 364,43 |
| CBC023TL | 23 | 58,83 | CBC053TL | 53 | 180,89 | CBC083TL | 83 | 368,96 |
| CBC024TL | 24 | 60,40 | CBC054TL | 54 | 187,75 | CBC084TL | 84 | 374,82 |
| CBC025TL | 25 | 62,62 | CBC055TL | 55 | 196,31 | CBC085TL | 85 | 376,26 |
| CBC026TL | 26 | 70,07 | CBC056TL | 56 | 204,94 | CBC086TL | 86 | 378,69 |
| CBC027TL | 27 | 72,48 | CBC057TL | 57 | 212,00 | CBC087TL | 87 | 379,14 |
| CBC028TL | 28 | 73,77 | CBC058TL | 58 | 219,81 | CBC088TL | 88 | 391,82 |
| CBC029TL | 29 | 75,00 | CBC059TL | 59 | 227,21 | CBC089TL | 89 | 396,49 |
| CBC030TL | 30 | 76,17 | CBC060TL | 60 | 234,61 | CBC090TL | 90 | 403,16 |
| CBC031TL | 31 | 77,67 | CBC061TL | 61 | 235,87 | CBC091TL | 91 | 407,13 |
| CBC032TL | 32 | 79,77 | CBC062TL | 62 | 243,95 | CBC092TL | 92 | 411,41 |
| CBC033TL | 33 | 81,70 | CBC063TL | 63 | 250,67 | CBC093TL | 93 | 418,26 |
| CBC034TL | 34 | 84,29 | CBC064TL | 64 | 259,34 | CBC094TL | 94 | 420,49 |
| CBC035TL | 35 | 88,07 | CBC065TL | 65 | 267,81 | CBC095TL | 95 | 424,77 |
| CBC036TL | 36 | 89,57 | CBC066TL | 66 | 276,09 | CBC096TL | 96 | 425,42 |
| CBC037TL | 37 | 92,08 | CBC067TL | 67 | 283,47 | CBC097TL | 97 | 425,72 |
| CBC038TL | 38 | 94,75 | CBC068TL | 68 | 292,04 | CBC098TL | 98 | 438,14 |
| CBC039TL | 39 | 101,71 | CBC069TL | 69 | 299,16 | CBC099TL | 99 | 443,09 |
| CBC040TL | 40 | 103,07 | CBC070TL | 70 | 301,00 | CBC100TL | 100 | 458,98 |
| CBC041TL | 41 | 104,47 | CBC071TL | 71 | 303,62 | | | |

These HOLESAWS are always delivered with arbor, which is included in price.

RESHARPENABLE HOLESAWS DISPLAY

CBC41P

Content: 39 Ref. CBC HOLESAWS
Ø 12 - Ø 50 mm

1.952,74 €



* Boxes and displays on request

HSS RESHARPENABLE HOLESAW FOR THIN METAL SHEET

HSS

Ref. CCF



Al



Cu-Ni-La

CAST
IRON2 mm
CUTTING
CAPACITY

| | Ø mm | CCF € |
|-------|---------|----------|
| CCF12 | 12 | 20,68 |
| CCF13 | 13 | 22,42 |
| CCF14 | 14 | 22,42 |
| CCF15 | 15 | 22,84 |
| CCF16 | 16 | 22,84 |
| CCF17 | 17 | 25,47 |
| CCF18 | 18 | 26,33 |
| CCF19 | 19 | 27,56 |
| CCF20 | 20 | 28,19 |
| CCF21 | 21 | 29,00 |
| CCF22 | 22 | 30,71 |
| CCF23 | 23 | 32,18 |
| CCF24 | 24 | 33,42 |
| CCF25 | 25 | 34,20 |
| CCF26 | 26 | 35,62 |
| CCF27 | 27 | 36,90 |
| CCF28 | 28 | 38,72 |
| CCF29 | 29 | 40,45 |
| CCF30 | 30 | 41,38 |

| | Ø mm | CCF € |
|-------|---------|----------|
| CCF31 | 31 | 44,76 |
| CCF32 | 32 | 46,66 |
| CCF33 | 33 | 48,24 |
| CCF34 | 34 | 49,75 |
| CCF35 | 35 | 50,48 |
| CCF36 | 36 | 52,45 |
| CCF37 | 37 | 53,99 |
| CCF38 | 38 | 55,55 |
| CCF39 | 39 | 56,68 |
| CCF40 | 40 | 58,25 |
| CCF41 | 41 | 60,15 |
| CCF42 | 42 | 61,32 |
| CCF43 | 43 | 62,49 |
| CCF44 | 44 | 63,99 |
| CCF45 | 45 | 65,57 |
| CCF46 | 46 | 66,72 |
| CCF47 | 47 | 68,27 |
| CCF48 | 48 | 70,19 |
| CCF49 | 49 | 71,34 |

These holesaws are always delivered with an arbor, which is included in the price.



Ref. AT12



Ref. CM12

ARBORS FOR RESHARPENABLE HOLESAWS

| | DESCRIPTION | RANGE Ø mm | € |
|------|---|---------------|-------|
| AT09 | Shank Ø7mm Triangular thread M9x1,25+drill Ø5mm | 10 - 13 | 15,32 |
| AT10 | Shank Ø8mm Triangular thread M10x1,25+drill Ø5mm | 14 - 22 | 15,32 |
| AT12 | Shank Ø9mm Triangular thread M12x1,25+drill Ø6mm | 23 - 40 | 17,15 |
| AT16 | Shank Ø10mm Triangular thread M16x1,25+drill Ø6mm | 41 - 60 | 21,80 |
| CM09 | Morse Taper 2 - thread M09x1,25 + drill Ø5mm | 10 - 13 | 39,39 |
| CM10 | Morse Taper 2 - thread M10x1,25 + drill Ø5mm | 14 - 22 | 39,39 |
| CM12 | Morse Taper 2 - thread M12x1,25 + drill Ø6mm | 23 - 40 | 40,26 |
| CM16 | Morse Taper 2 - thread M16x1,25 + drill Ø6mm | 41 - 60 | 40,26 |

PILOT DRILL

| | DESCRIPTION | RANGE Ø mm | € |
|-------|------------------|---------------|-------|
| B5 | HSS Ø 5 mm | 10 - 22 | 6,00 |
| B6 | HSS Ø 6 mm | 23 - 60 | 6,92 |
| B6TIN | HSS + TiN Ø 6 mm | 23 - 60 | 10,05 |



CARBIDE TEETH HOLESAW

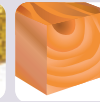
Ref. CBMD



INOX



Cu-Ni-La



**35 mm
CUTTING
CAPACITY**



- Carbide teeth.
- Special for intensive works in stainless steel.
- Higher lifetime in abrasive conditions than bi-metal hole saws.
- Drill when bimetal hole-saws stop working.
- Increase and improve the drilling productivity.
- We recommend to drill metallic materials up to 3mm thickness.

| Ø mm | | | Blister | |
|------|---------|--------|---------|-------|
| | Ref. | € | Ref. | € |
| 19 | CBMD19 | 17,70 | CBMD19B | 17,70 |
| 22 | CBMD22 | 20,51 | CBMD22B | 20,51 |
| 25 | CBMD25 | 23,29 | CBMD25B | 23,29 |
| 30 | CBMD30 | 27,95 | CBMD30B | 27,95 |
| 32 | CBMD32 | 29,72 | CBMD32B | 29,72 |
| 35 | CBMD35 | 32,62 | CBMD35B | 32,62 |
| 37 | CBMD37 | 34,49 | CBMD37B | 34,49 |
| 38 | CBMD38 | 35,43 | CBMD38B | 35,43 |
| 44 | CBMD44 | 40,99 | CBMD44B | 40,99 |
| 48 | CBMD48 | 44,75 | CBMD48B | 44,75 |
| 51 | CBMD51 | 47,53 | CBMD51B | 47,53 |
| 54 | CBMD54 | 50,33 | CBMD54B | 50,33 |
| 57 | CBMD57 | 53,04 | CBMD57B | 53,04 |
| 60 | CBMD60 | 55,91 | CBMD60B | 55,91 |
| 64 | CBMD64 | 59,64 | CBMD64B | 59,64 |
| 67 | CBMD67 | 62,43 | CBMD67B | 62,43 |
| 70 | CBMD70 | 65,24 | CBMD70B | 65,24 |
| 76 | CBMD76 | 70,82 | CBMD76B | 70,82 |
| 83 | CBMD83 | 77,36 | CBMD83B | 77,36 |
| 86 | CBMD86 | 80,17 | | |
| 89 | CBMD89 | 82,95 | | |
| 95 | CBMD95 | 88,56 | | |
| 102 | CBMD102 | 95,07 | | |
| 108 | CBMD108 | 100,66 | | |
| 111 | CBMD111 | 103,46 | | |
| 114 | CBMD114 | 106,26 | | |
| 121 | CBMD121 | 112,78 | | |
| 127 | CBMD127 | 118,37 | | |
| 140 | CBMD140 | 130,49 | | |
| 146 | CBMD146 | 136,08 | | |
| 152 | CBMD152 | 141,67 | | |

• The arbors for the CBMD hole saw are the same than for CB and COB hole saws



Ref. CBMD



INOX



Cu-Ni-La



ARBORS

BLUEMASTER HSS-CO 8% HOLESAW DISPLAY

| B5519 | CBMD19 | CBMD22 | CBMD25 | CBMD30 | CBMD32 | CBMD35 | CBMD38 |
|----------|--------|--------|--------|--------|--------|--------|--------|
| Ø 14-30 | Ø 19 | Ø 22 | Ø 25 | Ø 30 | Ø 32 | Ø 35 | Ø 38 |
| 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| B5546 | CBMD44 | CBMD48 | CBMD51 | CBMD54 | CBMD60 | CBMD67 | CBMD70 |
| Ø 32-250 | Ø 44 | Ø 48 | Ø 51 | Ø 54 | Ø 60 | Ø 67 | Ø 70 |
| 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

Ref. CBMDEXP1

1.255,50 €

530 mm

↑
→ 885 mm

CARBIDE TIPPED HOLESAW WITH SLUG PIN EJECTED FOR SERIAL WORKS

Holesaws

Pink

Ref. CP

CARBIDE
TIPPED



Al



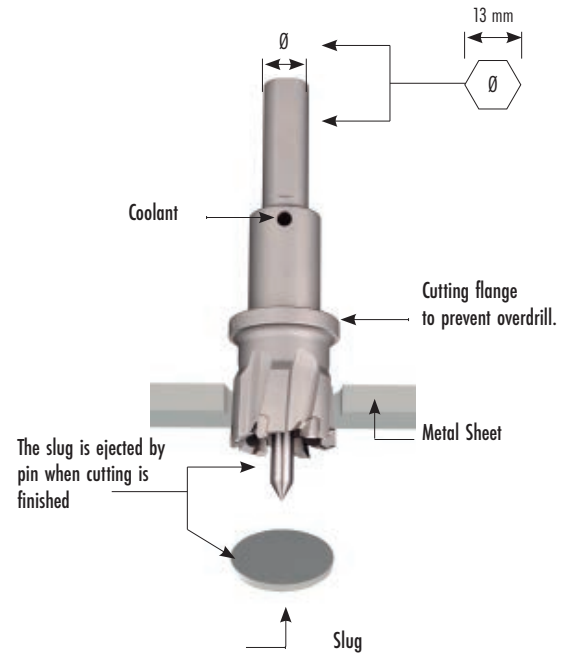
Cu-Ni-La

CAST
IRON

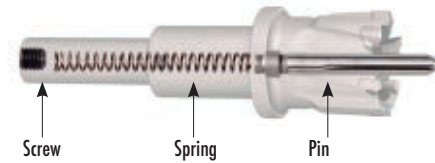
12 mm
CUTTING
CAPACITY



| | Ø mm | CP € |
|--------|---------|---------|
| CP1500 | 15 | 105,75 |
| CP1600 | 16 | 105,75 |
| CP1700 | 17 | 105,75 |
| CP1800 | 18 | 105,75 |
| CP1900 | 19 | 105,75 |
| CP2000 | 20 | 105,75 |
| CP2100 | 21 | 105,75 |
| CP2200 | 22 | 117,14 |
| CP2300 | 23 | 117,14 |
| CP2400 | 24 | 117,14 |
| CP2500 | 25 | 125,45 |
| CP2600 | 26 | 125,45 |
| CP2700 | 27 | 125,45 |
| CP2800 | 28 | 125,45 |
| CP2900 | 29 | 125,45 |
| CP3000 | 30 | 125,45 |
| CP3100 | 31 | 148,25 |
| CP3200 | 32 | 148,25 |
| CP3300 | 33 | 148,25 |
| CP3400 | 34 | 148,25 |
| CP3500 | 35 | 148,25 |



REPLACEMENT PIN



| | Ø mm | PCP01 € |
|-------|-------------|------------|
| PCP01 | Ø 6 x 53 mm | 17,79 |

CARBIDE TIPPED SUPER HOLESAW FOR ALL MATERIALS (SPECIAL FOR STAINLESS STEEL)

CARBIDE TIPPED



INOX

Al



Cu-Ni-La

CAST IRON

One piece hole saw



12 mm CUTTING CAPACITY

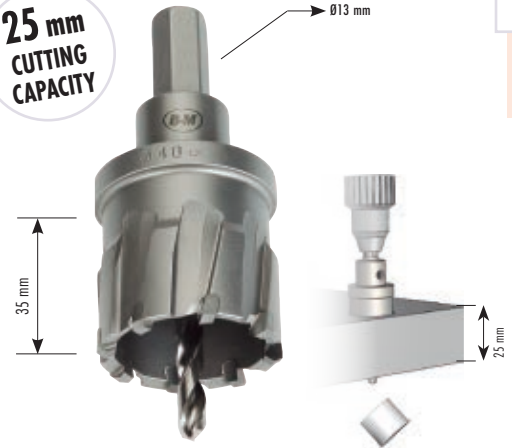
CX18-CX40: Ø10 mm
CX41-CX100: Ø13 mm



STAINLESS STEEL SPECIFIC GEOMETRY



25 mm CUTTING CAPACITY



Ref. CX

Ref. CXL

| CX | | | |
|------|------|----|--------|
| | Ø mm | Z | € |
| CX18 | 18 | 4 | 63,65 |
| CX19 | 19 | 4 | 63,65 |
| CX20 | 20 | 6 | 63,65 |
| CX21 | 21 | 6 | 63,65 |
| CX22 | 22 | 6 | 63,65 |
| CX23 | 23 | 6 | 63,65 |
| CX24 | 24 | 6 | 63,65 |
| CX25 | 25 | 6 | 63,65 |
| CX26 | 26 | 6 | 73,76 |
| CX27 | 27 | 6 | 73,76 |
| CX28 | 28 | 6 | 73,76 |
| CX29 | 29 | 6 | 73,76 |
| CX30 | 30 | 6 | 73,76 |
| CX31 | 31 | 6 | 85,39 |
| CX32 | 32 | 6 | 85,39 |
| CX33 | 33 | 6 | 85,39 |
| CX34 | 34 | 8 | 85,39 |
| CX35 | 35 | 8 | 85,39 |
| CX36 | 36 | 8 | 93,17 |
| CX38 | 38 | 8 | 93,17 |
| CX39 | 39 | 8 | 93,17 |
| CX40 | 40 | 8 | 93,17 |
| CX41 | 41 | 8 | 107,73 |
| CX42 | 42 | 8 | 107,73 |
| CX43 | 43 | 8 | 107,73 |
| CX44 | 44 | 10 | 107,73 |
| CX45 | 45 | 10 | 107,73 |
| CX46 | 46 | 10 | 123,74 |

| CX | | | |
|-------|------|----|--------|
| | Ø mm | Z | € |
| CX48 | 48 | 10 | 123,74 |
| CX49 | 49 | 10 | 123,74 |
| CX50 | 50 | 10 | 123,74 |
| CX51 | 51 | 10 | 171,98 |
| CX52 | 52 | 10 | 171,98 |
| CX53 | 53 | 10 | 171,98 |
| CX55 | 55 | 10 | 171,98 |
| CX56 | 56 | 12 | 199,26 |
| CX57 | 57 | 12 | 199,26 |
| CX58 | 58 | 12 | 199,26 |
| CX59 | 59 | 12 | 199,26 |
| CX60 | 60 | 12 | 199,26 |
| CX61 | 61 | 12 | 233,85 |
| CX62 | 62 | 12 | 233,85 |
| CX63 | 63 | 12 | 233,85 |
| CX64 | 64 | 12 | 233,85 |
| CX65 | 65 | 12 | 233,85 |
| CX66 | 66 | 12 | 266,08 |
| CX67 | 67 | 12 | 266,08 |
| CX68 | 68 | 12 | 266,08 |
| CX69 | 69 | 12 | 266,08 |
| CX70 | 70 | 12 | 266,08 |
| CX75 | 75 | 14 | 300,79 |
| CX80 | 80 | 14 | 313,06 |
| CX85 | 85 | 14 | 341,26 |
| CX90 | 90 | 16 | 349,72 |
| CX95 | 95 | 16 | 367,28 |
| CX100 | 100 | 16 | 380,36 |

| CXL | | | |
|-------|------|---|--------|
| | Ø mm | Z | € |
| CXL18 | 18 | 6 | 85,94 |
| CXL19 | 19 | 6 | 85,94 |
| CXL20 | 20 | 6 | 85,94 |
| CXL21 | 21 | 6 | 85,94 |
| CXL22 | 22 | 6 | 85,94 |
| CXL23 | 23 | 6 | 85,94 |
| CXL24 | 24 | 6 | 85,94 |
| CXL25 | 25 | 6 | 85,94 |
| CXL26 | 26 | 6 | 99,58 |
| CXL27 | 27 | 6 | 99,58 |
| CXL28 | 28 | 6 | 99,58 |
| CXL29 | 29 | 6 | 99,58 |
| CXL30 | 30 | 6 | 99,58 |
| CXL31 | 31 | 6 | 115,28 |
| CXL32 | 32 | 6 | 115,28 |
| CXL33 | 33 | 6 | 115,28 |
| CXL34 | 34 | 6 | 115,28 |
| CXL35 | 35 | 6 | 115,28 |
| CXL36 | 36 | 6 | 125,79 |
| CXL38 | 38 | 6 | 125,79 |
| CXL39 | 39 | 6 | 125,79 |
| CXL40 | 40 | 8 | 125,79 |
| CXL41 | 41 | 8 | 145,44 |
| CXL42 | 42 | 8 | 145,44 |
| CXL43 | 43 | 8 | 145,44 |
| CXL44 | 44 | 8 | 145,44 |
| CXL45 | 45 | 8 | 145,44 |
| CXL46 | 46 | 8 | 167,06 |

| CXL | | | |
|-------|------|----|--------|
| | Ø mm | Z | € |
| CXL48 | 48 | 8 | 167,06 |
| CXL49 | 49 | 8 | 167,06 |
| CXL50 | 50 | 8 | 167,06 |
| CXL51 | 51 | 8 | 232,18 |
| CXL52 | 52 | 8 | 232,18 |
| CXL53 | 53 | 8 | 232,18 |
| CXL55 | 55 | 8 | 232,18 |
| CXL56 | 56 | 8 | 269,01 |
| CXL57 | 57 | 8 | 269,01 |
| CXL58 | 58 | 8 | 269,01 |
| CXL59 | 59 | 8 | 269,01 |
| CXL60 | 60 | 8 | 269,01 |
| CXL61 | 61 | 10 | 315,70 |
| CXL62 | 62 | 10 | 315,70 |
| CXL63 | 63 | 10 | 315,70 |
| CXL64 | 64 | 10 | 315,70 |
| CXL65 | 65 | 10 | 315,70 |

PILOT DRILLS CX



| CX | | |
|-----------|-------------|-------|
| | Ø mm | € |
| BRCX06X70 | Ø 6 x 70 mm | 13,89 |

PILOT DRILLS CXL



| CXL | | |
|------------|-------------|-------|
| | Ø mm | € |
| BRCXL06X75 | Ø 6 x 75 mm | 16,16 |

CARBIDE TIPPED SUPER HOLESAW FOR PIPE AND METAL SHEET (SPECIAL FOR STAINLESS STEEL)

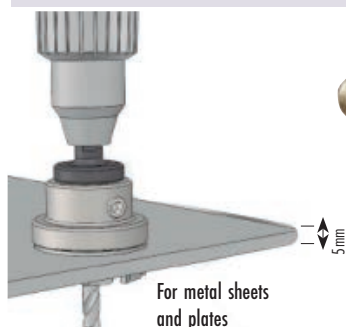
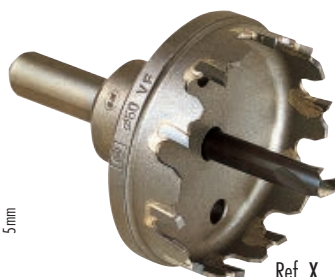
CARBIDE
TIPPED

INOX

Al



Cu-Ni-La

CAST
IRON5 mm
CUTTING
CAPACITYRef. X
Ref. XTFor metal sheets
and plates

Ref. X

For pipes and
curved surfaces

Ref. XT

| | X | | | X | | | |
|-------|------|----|--------|------|-------|----|--------|
| | Ø mm | Z | € | | Ø mm | Z | € |
| X14 | 14,0 | 3 | 79,85 | X55 | 55,0 | 12 | 184,09 |
| X14,5 | 14,5 | 3 | 79,85 | X56 | 56,0 | 12 | 213,28 |
| X15 | 15,0 | 3 | 79,85 | X57 | 57,0 | 12 | 213,28 |
| X16 | 16,0 | 3 | 79,85 | X58 | 58,0 | 12 | 213,28 |
| X17 | 17,0 | 4 | 79,85 | X59 | 59,0 | 12 | 213,28 |
| X18 | 18,0 | 4 | 79,85 | X60 | 60,0 | 12 | 213,28 |
| X19 | 19,0 | 4 | 79,85 | X61 | 61,0 | 12 | 250,31 |
| X20 | 20,0 | 4 | 79,85 | X62 | 62,0 | 12 | 250,31 |
| X21 | 21,0 | 4 | 79,85 | X63 | 63,0 | 12 | 250,31 |
| X22 | 22,0 | 4 | 79,85 | X64 | 64,0 | 12 | 250,31 |
| X23 | 23,0 | 4 | 79,85 | X65 | 65,0 | 12 | 250,31 |
| X24 | 24,0 | 4 | 79,85 | X66 | 66,0 | 12 | 271,23 |
| X25 | 25,0 | 4 | 79,85 | X67 | 67,0 | 12 | 271,23 |
| X26 | 26,0 | 4 | 92,52 | X68 | 68,0 | 12 | 271,23 |
| X27 | 27,0 | 4 | 92,52 | X69 | 69,0 | 12 | 271,23 |
| X28 | 28,0 | 6 | 92,52 | X70 | 70,0 | 12 | 271,23 |
| X29 | 29,0 | 6 | 92,52 | X71 | 71,0 | 14 | 293,13 |
| X30 | 30,0 | 6 | 92,52 | X72 | 72,0 | 14 | 293,13 |
| X31 | 31,0 | 6 | 107,12 | X73 | 73,0 | 14 | 293,13 |
| X32 | 32,0 | 6 | 107,12 | X74 | 74,0 | 14 | 293,13 |
| X33 | 33,0 | 6 | 107,12 | X75 | 75,0 | 14 | 293,13 |
| X34 | 34,0 | 6 | 107,12 | X76 | 76,0 | 14 | 315,08 |
| X35 | 35,0 | 8 | 107,12 | X77 | 77,0 | 14 | 315,08 |
| X36 | 36,0 | 8 | 124,66 | X78 | 78,0 | 14 | 315,08 |
| X37 | 37,0 | 8 | 124,66 | X79 | 79,0 | 14 | 315,08 |
| X38 | 38,0 | 8 | 124,66 | X80 | 80,0 | 14 | 315,08 |
| X39 | 39,0 | 8 | 124,66 | X81 | 81,0 | 14 | 348,66 |
| X40 | 40,0 | 8 | 124,66 | X82 | 82,0 | 16 | 348,66 |
| X41 | 41,0 | 8 | 144,15 | X83 | 83,0 | 16 | 348,66 |
| X42 | 42,0 | 10 | 144,15 | X84 | 84,0 | 16 | 348,66 |
| X43 | 43,0 | 10 | 144,15 | X85 | 85,0 | 16 | 348,66 |
| X44 | 44,0 | 10 | 144,15 | X89 | 89,0 | 16 | 382,75 |
| X45 | 45,0 | 10 | 144,15 | X90 | 90,0 | 16 | 382,75 |
| X46 | 46,0 | 10 | 165,56 | X91 | 91,0 | 16 | 398,34 |
| X47 | 47,0 | 10 | 165,56 | X92 | 92,0 | 16 | 398,34 |
| X48 | 48,0 | 10 | 165,56 | X95 | 95,0 | 16 | 398,34 |
| X49 | 49,0 | 10 | 165,56 | X100 | 100,0 | 18 | 424,62 |
| X50 | 50,0 | 10 | 165,56 | X102 | 102,0 | 18 | 468,45 |
| X51 | 51,0 | 10 | 184,09 | X105 | 105,0 | 18 | 468,45 |
| X52 | 52,0 | 10 | 184,09 | X110 | 110,0 | 20 | 516,18 |
| X53 | 53,0 | 10 | 184,09 | X115 | 115,0 | 20 | 567,81 |
| X54 | 54,0 | 10 | 184,09 | X120 | 120,0 | 20 | 625,74 |

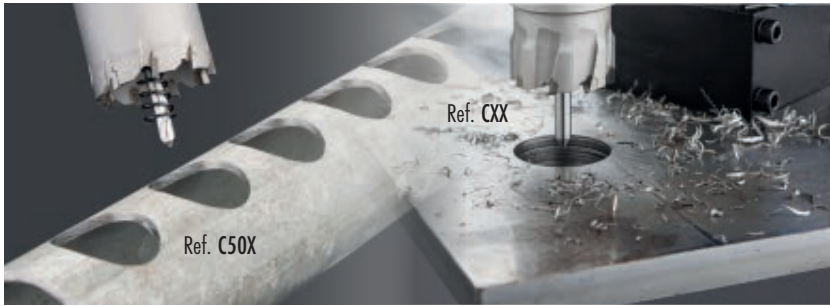
| | XT | | | XT | | | |
|------|------|----|--------|-------|-------|----|----------|
| | Ø mm | Z | € | | Ø mm | Z | € |
| XT16 | 16,0 | 3 | 119,88 | XT62 | 62,0 | 12 | 409,05 |
| XT17 | 17,0 | 4 | 119,88 | XT65 | 65,0 | 12 | 409,05 |
| XT18 | 18,0 | 4 | 119,88 | XT70 | 70,0 | 12 | 428,52 |
| XT19 | 19,0 | 4 | 119,88 | XT75 | 75,0 | 14 | 463,58 |
| XT20 | 20,0 | 4 | 119,88 | XT80 | 80,0 | 14 | 498,66 |
| XT21 | 21,0 | 4 | 119,88 | XT85 | 85,0 | 16 | 551,22 |
| XT22 | 22,0 | 4 | 119,88 | XT90 | 90,0 | 16 | 603,82 |
| XT23 | 23,0 | 4 | 119,88 | XT95 | 95,0 | 16 | 633,05 |
| XT24 | 24,0 | 4 | 119,88 | XT100 | 100,0 | 18 | 672,01 |
| XT25 | 25,0 | 4 | 119,88 | XT105 | 105,0 | 18 | 740,18 |
| XT26 | 26,0 | 4 | 138,93 | XT110 | 110,0 | 20 | 818,08 |
| XT27 | 27,0 | 4 | 138,93 | XT115 | 115,0 | 20 | 899,92 |
| XT28 | 28,0 | 6 | 138,93 | XT120 | 120,0 | 20 | 993,41 |
| XT29 | 29,0 | 6 | 138,93 | XT130 | 130,0 | 20 | 1.561,94 |
| XT30 | 30,0 | 6 | 138,93 | XT140 | 140,0 | 25 | 1.835,16 |
| XT31 | 31,0 | 6 | 160,78 | XT150 | 150,0 | 28 | 2.226,97 |
| XT32 | 32,0 | 6 | 160,78 | | | | |
| XT33 | 33,0 | 6 | 160,78 | | | | |
| XT34 | 34,0 | 6 | 160,78 | | | | |
| XT35 | 35,0 | 8 | 160,78 | | | | |
| XT36 | 36,0 | 8 | 187,00 | | | | |
| XT37 | 37,0 | 8 | 187,00 | | | | |
| XT38 | 38,0 | 8 | 187,00 | | | | |
| XT39 | 39,0 | 8 | 187,00 | | | | |
| XT40 | 40,0 | 8 | 187,00 | | | | |
| XT41 | 41,0 | 8 | 216,22 | | | | |
| XT42 | 42,0 | 10 | 216,22 | | | | |
| XT43 | 43,0 | 10 | 216,22 | | | | |
| XT44 | 44,0 | 10 | 216,22 | | | | |
| XT45 | 45,0 | 10 | 216,22 | | | | |
| XT46 | 46,0 | 10 | 245,44 | | | | |
| XT47 | 47,0 | 10 | 245,44 | | | | |
| XT48 | 48,0 | 10 | 245,44 | | | | |
| XT49 | 49,0 | 10 | 245,44 | | | | |
| XT50 | 50,0 | 10 | 245,44 | | | | |
| XT51 | 51,0 | 10 | 276,34 | | | | |
| XT52 | 52,0 | 10 | 276,34 | | | | |
| XT53 | 53,0 | 10 | 276,34 | | | | |
| XT54 | 54,0 | 10 | 276,34 | | | | |
| XT55 | 55,0 | 12 | 276,34 | | | | |
| XT60 | 60,0 | 12 | 409,05 | | | | |
| XT61 | 61,0 | 12 | 409,05 | | | | |

HSSCo PILOT DRILLS FOR METAL



| | CAPACITY Ø mm | € | | CAPACITY Ø mm | € |
|-----|------------------|-------|-------|------------------|-------|
| X6 | 14 - 59 | 13,67 | XT8 | 23 - 59 | 24,94 |
| X8 | 60 - 120 | 16,11 | XT8L | 60 - 100 | 32,16 |
| XT6 | 6 - 22 | 18,66 | XT8XL | 105 - 120 | 36,32 |

GUIDELINES FOR MULTI PURPOSE CARBIDE TIPPED SUPER HOLESAW



Holesaws

Pink

| | | | | | | | | | | | | | |
|--|---|---|------------------|-----------------|------------------|------------------|--------------------|------------------|-----------------|---|--------------------|---|--|
| | <p>9mm</p> <p>Ø14-60 Ref. BCX1</p> | + | <p>Ref. C50X</p> | + | <p>Ref. CXX2</p> | = | | | | | | | |
| | <p>11mm</p> <p>Ø14-100 Ref. BCX2</p> | + | | <p>Ref. CXX</p> | | + | | <p>Ref. CXX1</p> | = | | | | |
| | <p>9mm</p> <p>Ø14-60 Ref. BCX1</p> | + | | | | <p>Ref. C50X</p> | | | + | | <p>Ref. P750CA</p> | = | |
| | <p>11mm</p> <p>Ø14-100 Ref. BCX2</p> | + | | | | | | | <p>Ref. CXX</p> | | | + | |
| | <p>FEIN 18-00 mm</p> <p>Ref. CXX18W</p> | + | <p>Ref. C50X</p> | | + | | <p>Ref. P750CA</p> | | | | | = | |
| | <p>DOBLE WELDON 19-05 mm</p> <p>Ref. CXXW</p> | + | | <p>Ref. CXX</p> | + | | | <p>Ref. CXX1</p> | | = | | | |
| | <p>Ø14-100</p> <p>Ref. CXXCM2</p> | + | <p>Ref. C50X</p> | | + | <p>Ref. CXX2</p> | = | | | | | | |
| | <p>Ø14-150</p> <p>Ref. CXXCM3</p> | + | | <p>Ref. CXX</p> | + | | <p>Ref. CXX1</p> | = | | | | | |

MULTI PURPOSE CARBIDE TIPPED SUPER HOLESAW FOR SOLID WORKPIECES

Holesaws

Pink

CARBIDE TIPPED

Ref. CXX



50 mm CUTTING CAPACITY



ARBORS FOR MULTI PURPOSE HOLESAWS HEXAGONAL SHANK



| DESCRIPTION | | RANGE Ø mm | € |
|-------------|-----------------------|---------------|-------|
| BCX1 | Hexagonal shank 9 mm | 14 - 60 | 21,12 |
| BCX2 | Hexagonal shank 11 mm | 14 - 100 | 21,12 |

ARBORS FOR MULTI PURPOSE HOLESAWS MORSE TAPER SHANK



| DESCRIPTION | | RANGE Ø mm | € |
|-------------|---------------------|---------------|-------|
| CXXCM2 | Morse taper shank 2 | 14 - 100 | 38,26 |
| CXXCM3 | Morse taper shank 3 | 14 - 150 | 40,71 |

PILOT DRILLS



| DESCRIPTION | | CXX |
|-------------|--------------|------|
| | | € |
| CXX1 | Ø 6 x 90L mm | 8,15 |

| CXX | | | CXX | | |
|-------|------|--------|--------|------|--------|
| | Ø mm | € | | Ø mm | € |
| CXX14 | 14 | 133,05 | CXX45 | 45 | 225,20 |
| CXX15 | 15 | 133,05 | CXX46 | 46 | 258,64 |
| CXX16 | 16 | 133,05 | CXX47 | 47 | 258,64 |
| CXX17 | 17 | 133,05 | CXX48 | 48 | 258,64 |
| CXX18 | 18 | 133,05 | CXX49 | 49 | 258,64 |
| CXX19 | 19 | 133,05 | CXX50 | 50 | 258,64 |
| CXX20 | 20 | 133,05 | CXX51 | 51 | 287,58 |
| CXX21 | 21 | 133,05 | CXX52 | 52 | 287,58 |
| CXX22 | 22 | 133,05 | CXX53 | 53 | 287,58 |
| CXX23 | 23 | 133,05 | CXX54 | 54 | 287,58 |
| CXX24 | 24 | 133,05 | CXX55 | 55 | 287,58 |
| CXX25 | 25 | 133,05 | CXX56 | 56 | 333,20 |
| CXX26 | 26 | 154,19 | CXX57 | 57 | 333,20 |
| CXX27 | 27 | 154,19 | CXX58 | 58 | 333,20 |
| CXX28 | 28 | 154,19 | CXX59 | 59 | 333,20 |
| CXX29 | 29 | 154,19 | CXX60 | 60 | 333,20 |
| CXX30 | 30 | 154,19 | CXX61 | 61 | 391,04 |
| CXX31 | 31 | 178,50 | CXX62 | 62 | 391,04 |
| CXX32 | 32 | 178,50 | CXX63 | 63 | 391,04 |
| CXX33 | 33 | 178,50 | CXX64 | 64 | 391,04 |
| CXX34 | 34 | 178,50 | CXX65 | 65 | 391,04 |
| CXX35 | 35 | 178,50 | CXX66 | 66 | 459,41 |
| CXX36 | 36 | 194,76 | CXX67 | 67 | 459,41 |
| CXX37 | 37 | 194,77 | CXX68 | 68 | 459,41 |
| CXX38 | 38 | 194,76 | CXX69 | 69 | 459,41 |
| CXX39 | 39 | 194,76 | CXX70 | 70 | 459,41 |
| CXX40 | 40 | 194,76 | CXX75 | 75 | 476,69 |
| CXX41 | 41 | 225,20 | CXX80 | 80 | 515,68 |
| CXX42 | 42 | 225,20 | CXX85 | 85 | 552,41 |
| CXX43 | 43 | 225,20 | CXX90 | 90 | 594,04 |
| CXX44 | 44 | 225,20 | CXX100 | 100 | 638,11 |

CONVERTERS



Fein Type



Weldon Type

| DESCRIPTION | | CXX |
|-------------|----------------------|-------|
| | | € |
| CXX18W | Fein Shank 18,00mm | 38,26 |
| CXXW | Weldon Shank 19,05mm | 38,26 |

PILOT PIN



| DESCRIPTION | | P |
|-------------|------------------|-------|
| | | € |
| P750CA | Ø 6.35mm x 100mm | 17,39 |

MULTI PURPOSE CARBIDE TIPPED SUPER HOLESAW FOR PIPE AND METAL SHEET

**CARBIDE
TIPPED**

Ref. C50X



**5 mm
CUTTING
CAPACITY**



ARBORS FOR MULTI PURPOSE HOLESAWS HEXAGONAL SHANK



| DESCRIPTION | | RANGE Ø mm | € |
|-------------|-----------------------|---------------|-------|
| BCX1 | Hexagonal shank 9 mm | 14 - 60 | 21,12 |
| BCX2 | Hexagonal shank 11 mm | 14 - 100 | 21,12 |

ARBORS FOR MULTI PURPOSE HOLESAWS MORSE TAPER SHANK



| DESCRIPTION | | RANGE Ø mm | € |
|-------------|---------------------|---------------|-------|
| CXXCM2 | Morse taper shank 2 | 14 - 100 | 38,26 |
| CXXCM3 | Morse taper shank 3 | 14 - 150 | 40,71 |

PILOT DRILLS



| DESCRIPTION | | CXX |
|-------------|--------------|------|
| | | € |
| CXX2 | Ø 6 x 75L mm | 7,65 |

C50X

| | Ø mm | € |
|--------|---------|--------|
| C50X14 | 14 | 63,37 |
| C50X15 | 15 | 63,37 |
| C50X16 | 16 | 63,37 |
| C50X17 | 17 | 63,37 |
| C50X18 | 18 | 63,37 |
| C50X19 | 19 | 71,53 |
| C50X20 | 20 | 71,53 |
| C50X21 | 21 | 71,53 |
| C50X22 | 22 | 71,53 |
| C50X23 | 23 | 71,53 |
| C50X24 | 24 | 71,53 |
| C50X25 | 25 | 71,53 |
| C50X26 | 26 | 77,81 |
| C50X27 | 27 | 77,81 |
| C50X28 | 28 | 77,81 |
| C50X29 | 29 | 77,81 |
| C50X30 | 30 | 77,81 |
| C50X31 | 31 | 95,96 |
| C50X32 | 32 | 95,96 |
| C50X33 | 33 | 95,96 |
| C50X34 | 34 | 95,96 |
| C50X35 | 35 | 95,96 |
| C50X36 | 36 | 115,48 |
| C50X37 | 37 | 115,48 |
| C50X38 | 38 | 115,48 |
| C50X39 | 39 | 115,48 |
| C50X40 | 40 | 115,48 |
| C50X41 | 41 | 139,29 |
| C50X42 | 42 | 139,29 |
| C50X43 | 43 | 139,29 |
| C50X44 | 44 | 139,29 |

C50X

| | Ø mm | € |
|---------|---------|--------|
| C50X45 | 45 | 139,29 |
| C50X46 | 46 | 163,40 |
| C50X47 | 47 | 163,40 |
| C50X48 | 48 | 163,40 |
| C50X49 | 49 | 163,40 |
| C50X50 | 50 | 163,40 |
| C50X51 | 51 | 186,74 |
| C50X52 | 52 | 186,74 |
| C50X53 | 53 | 186,74 |
| C50X54 | 54 | 186,74 |
| C50X55 | 55 | 186,74 |
| C50X56 | 56 | 217,43 |
| C50X57 | 57 | 217,43 |
| C50X58 | 58 | 217,43 |
| C50X59 | 59 | 217,43 |
| C50X60 | 60 | 217,43 |
| C50X61 | 61 | 263,83 |
| C50X62 | 62 | 263,83 |
| C50X63 | 63 | 263,83 |
| C50X64 | 64 | 263,83 |
| C50X65 | 65 | 263,83 |
| C50X66 | 66 | 287,66 |
| C50X67 | 67 | 287,66 |
| C50X68 | 68 | 287,66 |
| C50X69 | 69 | 287,66 |
| C50X70 | 70 | 287,66 |
| C50X75 | 75 | 385,66 |
| C50X80 | 80 | 409,74 |
| C50X85 | 85 | 433,87 |
| C50X90 | 90 | 467,44 |
| C50X100 | 100 | 633,77 |

CONVERTERS



Fein Type



Weldon Type

| DESCRIPTION | | CXX |
|-------------|----------------------|-------|
| | | € |
| CXX18W | Fein Shank 18,00mm | 38,26 |
| CXXW | Weldon Shank 19,05mm | 38,26 |

PILOT PIN



| DESCRIPTION | | P |
|-------------|------------------|-------|
| | | € |
| P750CA | Ø 6.35mm x 100mm | 17,39 |

HEAVY DUTY CARBIDE TIPPED HOLESAWS WITH QUICK CHANGE POLY-CLIC MORSE TAPER N° 4 AND N° 5 CONNECTION WITH INTERNAL COOLING

Ref. MBM

CARBIDE
TIPPED55
HRc

INOX

Al

CAST
IRON50 mm
CUTTING
CAPACITY

- Always use internal Cooling
- In order to make possible their re-sharpening, don't wear out the teeth
- The engagement/contact should be progressive and smooth in order to avoid teeth breaks



| | MBM | | |
|-------|---------|---|---------|
| | Ø mm | Z | € |
| MBM35 | 35,0 | 4 | 64,93* |
| MBM36 | 36,0 | 4 | 64,93* |
| MBM38 | 38,0 | 4 | 64,93* |
| MBM40 | 40,0 | 6 | 76,52* |
| MBM42 | 42,0 | 6 | 76,52* |
| MBM43 | 43,0 | 6 | 76,52* |
| MBM44 | 44,0 | 6 | 76,52* |
| MBM45 | 45,0 | 6 | 84,39* |
| MBM48 | 48,0 | 6 | 84,39* |
| MBM49 | 49,0 | 6 | 84,39* |
| MBM50 | 50,0 | 6 | 94,60* |
| MBM51 | 51,0 | 6 | 94,60* |
| MBM52 | 52,0 | 6 | 94,60* |
| MBM53 | 53,0 | 6 | 94,60* |
| MBM54 | 54,0 | 6 | 94,60* |
| MBM56 | 56,0 | 6 | 104,80* |
| MBM58 | 58,0 | 6 | 104,80* |
| MBM60 | 60,0 | 6 | 122,42* |
| MBM61 | 61,0 | 6 | 122,42* |
| MBM62 | 62,0 | 6 | 122,42* |

| | MBM | | |
|--------|---------|---|---------|
| | Ø mm | Z | € |
| MBM65 | 65,0 | 6 | 122,42* |
| MBM66 | 66,0 | 6 | 132,62* |
| MBM68 | 68,0 | 6 | 132,62* |
| MBM70 | 70,0 | 6 | 132,62* |
| MBM75 | 75,0 | 6 | 142,83* |
| MBM77 | 77,0 | 6 | 153,03* |
| MBM78 | 78,0 | 6 | 153,03* |
| MBM80 | 80,0 | 6 | 153,03* |
| MBM82 | 82,0 | 6 | 240,47* |
| MBM85 | 85,0 | 6 | 240,47* |
| MBM90 | 90,0 | 6 | 262,33* |
| MBM95 | 95,0 | 6 | 282,21* |
| MBM110 | 110,0 | 6 | 244,85* |
| MBM115 | 115,0 | 6 | 268,03* |
| MBM125 | 125,0 | 6 | 340,84* |
| MBM130 | 130,0 | 6 | 384,89* |
| MBM140 | 140,0 | 6 | 459,08* |

* Till end of stock



TAPER SHANK ARBOR WITH RETRACTIBLE GUIDING PILOT+HOLE SAW

| | DESCRIPTION | € |
|--------|---------------------|---------|
| 500MT4 | Morse taper 4 arbor | 192,91* |
| 500MT5 | Morse taper 5 arbor | 199,40* |

SCREW HOLE PUNCHES FOR DRILLING UP TO 4 mm. SHEETS

Ref. PC

**UP TO
4 mm
SHEETS**



Use instructions

- Drill prior hole by using our tube and sheet drill Ref. AV31.
- Introduce the screw Ref. PCM with one side of mechanism through the hole.
- At the other side thread the cutter Ref. PCC on the screw.
- Thread the screw by pressing until the cutter side Ref. PCC cuts the sheet against the body Ref. PBC.



Holesaws

Pink

| THREAD | MAXIMUM SHEET THICKNESS TO DRILL | | | |
|---------|----------------------------------|-----------------|-------------|---------|
| | NORMAL STEEL | STAINLESS STEEL | NON-FERROUS | PLASTIC |
| M10x1.0 | 2.00 mm | 1.00 mm | 4.00 mm | 4.00 mm |
| M12x1.5 | 3.00 mm | 1.50 mm | 4.00 mm | 4.00 mm |
| M16x1.5 | 3.00 mm | 1.50 mm | 4.00 mm | 4.00 mm |

| | Ø | PC € |
|--------|--------------|--------------|
| PC1270 | 12,70 PG7 | 35,98 |
| PC1400 | 14,00 | 36,54 |
| PC1520 | 15,20 PG9 | 36,89 |
| PC1600 | 16,00 | 36,89 |
| PC1650 | 16,50 | 37,71 |
| PC1700 | 17,00 | 38,24 |
| PC1800 | 18,00 | 38,24 |
| PC1860 | 18,60 PG11 | 40,34 |
| PC1900 | 19,00 | 40,34 |
| PC2000 | 20,00 | 41,28 |
| PC2040 | 20,40 PG13,5 | 41,28 |
| PC2100 | 21,00 | 42,38 |
| PC2200 | 22,00 | 44,07 |
| PC2250 | 22,50 PG16 | 44,07 |
| PC2300 | 23,00 | 45,63 |
| PC2400 | 24,00 | 45,63 |
| PC2500 | 25,00 | 48,46 |
| PC2540 | 25,40 | 48,46 |

| | Ø | PC € |
|--------|------------|--------------|
| PC2600 | 26,00 | 50,05 |
| PC2700 | 27,00 | 50,05 |
| PC2830 | 28,30 PG21 | 50,05 |
| PC2900 | 29,00 | 53,75 |
| PC3000 | 30,00 | 53,75 |
| PC3100 | 31,00 | 53,75 |
| PC3200 | 32,00 | 54,48 |
| PC3250 | 32,50 | 61,83 |
| PC3300 | 33,00 | 61,83 |
| PC3400 | 34,00 | 61,83 |
| PC3500 | 35,00 | 61,83 |
| PC3600 | 36,00 | 66,74 |
| PC3700 | 37,00 PG29 | 66,74 |
| PC3800 | 38,00 | 66,74 |
| PC3900 | 39,00 | 84,70 |
| PC4000 | 40,00 | 84,70 |
| PC4050 | 40,50 | 85,15 |
| PC4100 | 41,00 | 85,15 |

| | Ø | PC € |
|--------|------------|---------------|
| PC4200 | 42,00 | 92,55 |
| PC4300 | 43,00 | 92,55 |
| PC4400 | 44,00 | 95,34 |
| PC4500 | 45,00 | 100,65 |
| PC4600 | 46,00 | 100,65 |
| PC4700 | 47,00 PG36 | 102,30 |
| PC4800 | 48,00 | 110,39 |
| PC4900 | 49,00 | 110,39 |
| PC5000 | 50,00 | 113,79 |
| PC5050 | 50,50 | 121,05 |
| PC5100 | 51,00 | 121,05 |
| PC5200 | 52,00 | 124,58 |
| PC5300 | 53,00 | 124,58 |
| PC5400 | 54,00 PG42 | 131,07 |
| PC5500 | 55,00 | 131,07 |
| PC6000 | 60,00 PG48 | 162,12 |
| PC6350 | 63,50 | 186,34 |

SCREW & WASHER



| | DESCRIPTION | PCM € |
|-------|---|-------------|
| PCM10 | (Thread M10x1,50) Screw hole punches from Ø 12,70 - 25,40 mm. | 5,11 |
| PCM12 | (Thread M12x1,75) Screw hole punches from Ø 26 - 41 mm. | 5,11 |
| PCM16 | (Thread M16x2) Screw hole punches from Ø 42 - 63,50 mm. | 5,82 |

SCREW HOLE PUNCH BODY



PBC

Price per each diameter on request

SCREW HOLE PUNCH CUTTER



PCC






Price per each diameter on request

Holesaws

Pink

CUTTING CONDITIONS FOR HSS & HSSCo HOLESAWS

FEED CHART

| mm/REV |  |  50 HRc |  INOX |  CAST IRON |  Al |
|----------------|---|--|--|---|--|
| CB - COB - CBR | 0,053 | - | 0,05 | 0,075 | 0,12 |
| CBC - CCF | 0,063 | - | 0,055 | 0,085 | 0,15 |







R.P.M. SELECTION FOR HOLESAWS: CB - COB - CBR - CBC - CCF

| Cutting Speed (m/min..) | R.P.M. SELECTION FOR HOLESAWS: CB - COB - CBR - CBC - CCF | | | | | | | | | | | | | | | | | | |
|-------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| | 100 | 95 | 90 | 85 | 80 | 75 | 70 | 65 | 60 | 55 | 50 | 45 | 40 | 35 | 30 | 25 | 20 | 15 | 10 |
| | 3183 | 3024 | 2865 | 2706 | 2547 | 2387 | 2228 | 2069 | 1910 | 1751 | 1592 | 1432 | 1273 | 955 | 796 | 637 | 477 | 318 | 106 |
| | 2122 | 2016 | 1910 | 1804 | 1698 | 1592 | 1485 | 1379 | 1273 | 1167 | 1061 | 955 | 849 | 743 | 637 | 531 | 424 | 318 | 212 |
| | 1952 | 1512 | 1432 | 1353 | 1273 | 1194 | 1114 | 1035 | 955 | 875 | 796 | 716 | 637 | 557 | 477 | 398 | 318 | 239 | 159 |
| | 1273 | 1512 | 1432 | 1353 | 1276 | 1194 | 1114 | 1035 | 922 | 875 | 796 | 716 | 637 | 557 | 477 | 398 | 318 | 239 | 159 |
| | 1061 | 1008 | 819 | 773 | 728 | 682 | 637 | 591 | 546 | 500 | 455 | 409 | 364 | 318 | 273 | 227 | 182 | 136 | 91 |
| | 909 | 864 | 716 | 676 | 637 | 597 | 557 | 517 | 477 | 438 | 398 | 358 | 318 | 279 | 239 | 199 | 159 | 119 | 80 |
| | 796 | 756 | 605 | 561 | 524 | 487 | 451 | 414 | 382 | 350 | 318 | 286 | 255 | 223 | 191 | 159 | 127 | 95 | 64 |
| | 637 | 605 | 477 | 451 | 424 | 398 | 371 | 345 | 318 | 292 | 265 | 239 | 212 | 186 | 159 | 133 | 106 | 80 | 53 |
| | 531 | 504 | 409 | 387 | 364 | 341 | 318 | 296 | 273 | 250 | 227 | 205 | 192 | 166 | 146 | 124 | 106 | 80 | 53 |
| | 455 | 432 | 358 | 338 | 318 | 298 | 279 | 259 | 239 | 219 | 199 | 179 | 159 | 139 | 119 | 99 | 80 | 60 | 40 |
| | 398 | 378 | 318 | 301 | 283 | 265 | 248 | 230 | 212 | 195 | 177 | 159 | 141 | 124 | 106 | 88 | 71 | 53 | 35 |
| | 354 | 336 | 286 | 271 | 255 | 239 | 223 | 207 | 191 | 175 | 159 | 143 | 127 | 111 | 95 | 80 | 64 | 48 | 32 |
| | 318 | 302 | 286 | 271 | 255 | 239 | 223 | 207 | 191 | 175 | 159 | 143 | 127 | 111 | 95 | 80 | 64 | 48 | 32 |
| | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | | | | | | |

DIAMETER SELECTION (Ø mm)

CUTTING CONDITIONS FOR CARBIDE TIPPED HOLESAWS

FEED CHART

| mm/REV |  |  50 HRc |  INOX |  CAST IRON |  Al |  Ni |
|------------------------------|---|--|--|---|--|--|
| LIGHT: CX - CXL - X - XT | 0,035 | 0,025 | 0,02 | 0,040 | 0,075 | 0,020 |
| C50X - CXX - MBM - CBMD - CP | 0,10 | 0,075 | 0,095 | 0,15 | 0,22 | 0,07 |

R.P.M. SELECTION FOR HOLESAWS: CX - CXL - X - XT - C50X - CXX - MBM - CBMD - CP

| Cutting Speed (m/min..) | R.P.M. SELECTION FOR HOLESAWS: CX - CXL - X - XT - C50X - CXX - MBM - CBMD - CP | | | | | | | | | | | | | | | | | | |
|-------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| | 100 | 95 | 90 | 85 | 80 | 75 | 70 | 65 | 60 | 55 | 50 | 45 | 40 | 35 | 30 | 25 | 20 | 15 | 10 |
| | 3183 | 3024 | 2865 | 2706 | 2547 | 2387 | 2228 | 2069 | 1910 | 1751 | 1592 | 1432 | 1273 | 955 | 796 | 637 | 477 | 318 | 106 |
| | 2122 | 2016 | 1910 | 1804 | 1698 | 1592 | 1485 | 1379 | 1273 | 1167 | 1061 | 955 | 849 | 743 | 637 | 531 | 424 | 318 | 212 |
| | 1952 | 1512 | 1432 | 1353 | 1273 | 1194 | 1114 | 1035 | 922 | 875 | 796 | 716 | 637 | 557 | 477 | 398 | 318 | 239 | 159 |
| | 1273 | 1512 | 1432 | 1353 | 1276 | 1194 | 1114 | 1035 | 922 | 875 | 796 | 716 | 637 | 557 | 477 | 398 | 318 | 239 | 159 |
| | 1061 | 1008 | 819 | 773 | 728 | 682 | 637 | 591 | 546 | 500 | 455 | 409 | 364 | 318 | 273 | 227 | 182 | 136 | 91 |
| | 909 | 864 | 716 | 676 | 637 | 597 | 557 | 517 | 477 | 438 | 398 | 358 | 318 | 279 | 239 | 199 | 159 | 119 | 80 |
| | 796 | 756 | 605 | 561 | 524 | 487 | 451 | 414 | 382 | 350 | 318 | 286 | 255 | 223 | 191 | 159 | 127 | 95 | 64 |
| | 637 | 605 | 477 | 451 | 424 | 398 | 371 | 345 | 318 | 292 | 265 | 239 | 212 | 186 | 159 | 133 | 106 | 80 | 53 |
| | 531 | 504 | 409 | 387 | 364 | 341 | 318 | 296 | 273 | 250 | 227 | 205 | 192 | 166 | 146 | 124 | 106 | 80 | 53 |
| | 455 | 432 | 358 | 338 | 318 | 298 | 279 | 259 | 239 | 219 | 199 | 179 | 159 | 139 | 119 | 99 | 80 | 60 | 40 |
| | 398 | 378 | 318 | 301 | 283 | 265 | 248 | 230 | 212 | 195 | 177 | 159 | 141 | 124 | 106 | 88 | 71 | 53 | 35 |
| | 354 | 336 | 286 | 271 | 255 | 239 | 223 | 207 | 191 | 175 | 159 | 143 | 127 | 111 | 95 | 80 | 64 | 48 | 32 |
| | 318 | 302 | 286 | 271 | 255 | 239 | 223 | 207 | 191 | 175 | 159 | 143 | 127 | 111 | 95 | 80 | 64 | 48 | 32 |
| | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | | | | | | |

DIAMETER SELECTION (Ø mm)