

Строительные инструменты

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

High Quality professional

PUNTE "SUPERIOR" A ROTOPERCUSSIONE PER EDILIZIA AD ELEVATO RENDIMENTO

Professional quality masonry drills "Superior" / Forets à béton professionnel, qualité "Superior"

Broca professional "Superior" para hormigon / Superior Betonschlagbohrer

DIN 8039 - ISO 5468



HVA ≈ 1650

Corpo fresato con scanalatura ad "L" ad alta evacuazione. Placchetta M.D. resistente alla forte percussione, brasatura con lega saldante a 1100° C. *Brazing temperature at 1100° C. Large milled flute type "L" for a faster dust removal.*

Confezione / Packaging



Applicazioni / Applications



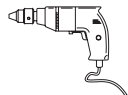
Muro
Masonry



Calcestruzzo
Concrete



Pietra
Natural stones



- Per forare a forte percussione il muro, il cemento, il calcestruzzo, marmo, pietre. **Uso intensivo ed alto rendimento.**

- For use, with rotary percussion, in masonry, concrete, natural stones. **High performances in intensive uses.**

- Pour percér à fort percussione, béton, ciment, carrelage, pierre. **Haute rendement en emploi intensif.**

- Para cortes profesionales en muro, hormigon, cemento, marmol, piedra, suelos. **Elevado rendimiento en empleo intensivo.**

- Um Beton und Mauerwerk in Schlagbohrmaschinen zu bohren.

Art. 03060 Serie Corta - Short serie

Art. 03061 Self
Disponibile su richiesta / On demand

Ø mm	inch	d	l	L	pcs	cod.
3	1/8	2,8	40	70	10	030600300
4	5/32	3,8	40	75	10	030600400
5	3/16	4,5	40	85	10	030600500
5,5	7/32	4,8	57	100	10	030600550
6	15/64	5,5	57	100	10	030600600
6,5	1/4	6	57	100	10	030600650
7	9/32	6,5	55	100	10	030600700
8x107	5/16	7,5	55	107	10	030600800C
8	5/16	7,5	70	120	10	030600800
9	11/32	8	70	120	6	030600900
10	3/8	9	70	120	6	030601000
11	7/16	10	90	150	6	030601100
12x120	15/32	10	90	120	6	030601200C
12	15/32	10	90	150	6	030601200
13	1/2	10	90	150	6	030601300
14	9/16	10	90	150	6	030601400
15	19/32	10	90	150	6	030601500
16	5/8	10	90	150	6	030601600
18	23/32	13	100	160	1	030601800
20	25/32	13	100	160	1	030602000

Art. 03063 L=150-200 mm

Ø mm	inch	d	l	L	pcs	cod.
5	3/16	4,7	90	150	1	030630500
6	15/64	5,5	90	150	1	030630600
8	5/16	7,5	150	200	1	030630800
10	3/8	9	150	200	1	030631000
12	15/32	10	150	200	1	030631200
14	9/16	10	150	200	1	030631400
16	5/8	10	150	200	1	030631600
18	23/32	10	150	200	1	030631800
20	25/32	13	150	200	1	030632000

Art. 03065 L=400 mm

Ø mm	inch	d	l	L	pcs	cod.
8	5/16	7,5	320	400	1	030650800
10	3/8	9,5	320	400	1	030651000
12	15/32	10	320	400	1	030651200
14	9/16	10	320	400	1	030651400
16	5/8	10	320	400	1	030651600
18	23/32	10	320	400	1	030651800
20	25/32	13	320	400	1	030652000
22	7/8	13	320	400	1	030652200
24	15/16	13	320	400	1	030652400

Art. 03067 L=600 mm

Ø mm	inch	d	l	L	pcs	cod.
8	5/16	7,5	500	600	1	030670800
10	3/8	9,5	500	600	1	030671000
12	15/32	10	500	600	1	030671200
14	9/16	10	500	600	1	030671400
16	5/8	10	500	600	1	030671600
18	23/32	10	500	600	1	030671800
20	25/32	13	500	600	1	030672000
22	7/8	13	500	600	1	030672200
24	15/16	13	500	600	1	030672400

ASSORTIMENTI PUNTE “SUPERIOR” PER EDILIZIA

“Superior” masonry drills sets / Assortiments forets à béton professionnel “Superior”

Juego brocas “Superior” para hormigón / “Superior” Spiralbohrersätze



4 pcs
Ø 5-6-8-10 mm

03070201



7 pcs
Ø 3-4-5-6-8-9-10 mm

03070202



8 pcs
Ø 3-4-5-6-8-9-10-12 mm

03070203



12 pcs
Ø 3-4-5-6-8-9-10

03070101



390x150x225

141 pcs
Ø 3÷16 mm

Ø	pcs
3	7
4	7
5	14
6	28
7	7
8	28
9	10
10	15
12	10
13	5
14	5
16	5

03070504

142 pcs
Ø 3÷18 mm

Ø	pcs
3	9
4	9
5	9
6	27
7	9
8	18
9	6
10	12
12	6
13	6
14	6
16	6
8x400	6
10x400	3
12x400	3
14x400	3
16x400	2
18x400	2

03070503

PUNTE “SUPERIOR” A ROTOPERCUSSIONE PER EDILIZIA CON ATTACCO HEX 1/4”

Professional quality masonry drills “Superior” 1/4” q.c. shank / Forets à béton professionnel avec 1/4” q.c. queue, qualité “Superior”

Broca professional “Superior” con mango 1/4” q.c. para hormigón / Superior Betonschlagbohrer



Confezione / Packaging

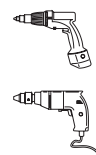


Ø 4-5-6-8-10 mm

03057700

Ø mm	d hex	l	L	pcs	cod.
3	1/4	33	75	1	030590300
4	1/4	35	83	1	030590400
5	1/4	46	93	1	030590500
6	1/4	56	97	1	030590600
7	1/4	48	97	1	030590700
8	1/4	70	120	1	030590800
9	1/4	70	120	1	030590900
10	1/4	70	120	1	030591000

03059



High Quality professional

PUNTE ROTOBATTENTI "MAX 4" A 4 TAGLIENTI E 4 ELICHE PER FORARE AD ALTO RENDIMENTO TUTTI I MATERIALI EDILI

Rotary percussion drill bits "max 4" with 4 cutting edges and 4 flutes for cutting concrete and building materials / Foret rotation percussion "max 4" avec 4 tranchantes et 4 spirales pour percer concret et tous le matériaux de bâtiment / Broca rotacion, percucion "max 4" con 4 cortadores y 4 espirales para trabajar en el concreto y todol los materiales de construcion / Betonschlagbohrer "max 4" mit 4 schneiden und 4 schrauben für Mauerwerk

K-MAX4®

03072



4 taglienti-cutting edges HVA 1650

Placchetta integrale a 4 taglienti in metallo duro resistente alla forte percussione, brasatura con lega saldante a 1100°C.
One-piece 4 cutting edges carbide tip resisting to percussion. Brazing temperature at 1000°C.



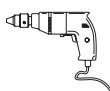
4 eliche-flutes

Corpo fresato con scanalatura a "L" ad alta evacuazione.
Large milled flute type "L" for a faster dust removal.

Confezione / Packaging



Applicazioni / Applications



Ø mm	d mm	l mm	L mm	pcs ☞	cod.
4	3,8	40	75	1	030720400
5	4,8	40	85	1	030720500
6	5,4	57	100	1	030720600
7	6,3	55	100	1	030720700
8	7	70	120	1	030720800
9	8	70	120	1	030720900
10	8,5	70	120	1	030721000
11	10	90	150	1	030721100
12	10	90	150	1	030721200
13	10	90	150	1	030721300
14	10	90	150	1	030721400
15	10	90	150	1	030721500
16	10	90	150	1	030721600



+30%PRESTAZIONI / +30% performances

FORO PERFETTAMENTE CIRCOLARE

rispetto a una comune punta a 2 taglienti

circular hole compared to a 2 cutting edges drill

- La placchetta in metallo duro monoblocco a 4 taglienti garantisce una grande capacità di taglio e un'ottima precisione di foratura. L'asportazione dei detriti è assicurata dalla combinazione delle 4 eliche e della geometria a "L" dello scarico. Grande rendimento di taglio in tutti i materiali edili, cemento, granito, pietre in genere, mattoni.

- One-piece 4 cutting edges carbide tip assures great drilling performances and perfect circular holes. Faster dust removal due to the 4 "L" type flutes. Drilling in every building material, concrete, granite, stones.



4 pcs
Ø 5-6-8-10 mm

03073201



6 pcs
Ø 4-5-6-8-9-10 mm

03073202



7 pcs
Ø 4-5-6-8-9-10-12 mm

03073203



134 pcs
Ø 4÷16 mm

Ø	pcs
4	7
5	14
6	28
7	7
8	28
9	10
10	15
12	10
13	5
14	5
16	5

390x150x225

03073504

PUNTE A ROTOPERCUSSIONE “SUPERSPEED” PER LA FORATURA VELOCE AD ALTO RENDIMENTO NEL GRANITO, CEMENTO ARMATO, MATTONI, PIETRE NATURALI ED ARTIFICIALI

“Superspeed” rotary percussion twist drills for fast drilling into granite, cement, bricks, natural and artificial stones / Brocas a roto-percusion

“Superspeed” para taladrar con alto rendimiento granito, cemento, ladrillo, piedra artificial y natural / Forets a rotopercusion “Superspeed” pour perçage haute rendement en granit, ciment, carrelage, pierre artificielle et naturelle

DIN 8039 – ISO 5468

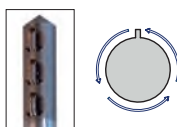
SK SuperSpeed

03075



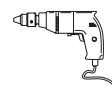
HVA ≈ 1650

Punta autocentrante
Self centering point

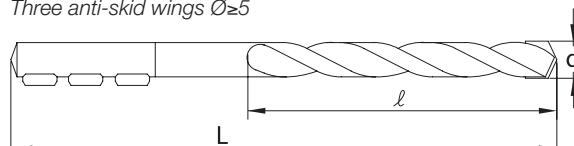


100% trasmissione della potenza grazie alle 3 alette antisdrucchiolo
100% power transmission thanks to 3 anti-skid wings

Ø mm	d	l	L	pcs	cod.
3	2,8	50	90	1	030750900300
4	3,8	50	90	1	030750900400
5	4,5	50	100	1	030751000500
6	5,5	50	100	1	030751000600
6	5,5	100	150	1	030751500600
6,5	6	100	150	1	030751500650
7	6,5	50	100	1	030751000700
8	7,5	50	100	1	030751000800
8	7,5	200	250	1	030752500800
9	8	50	100	1	030751000900
10	9	100	150	1	030751501000
10	9	200	250	1	030752501000
12	10	90	150	1	030751501200
14	10	90	150	1	030751501400



Tre alette antiscivolo Ø≥5
Three anti-skid wings Ø≥5



Confezione / Packaging



Applicazioni / Applications



Muro
Masonry



Calcestruzzo
Concrete



Pietra
Natural stones



131 pcs
Ø 3÷14 mm

Ø	pcs
3x90	7
4x90	7
5x100	14
6x100	28
7x100	7
8x100	28
9x100	10
10x150	15
12x150	10
14x150	5

390x150x225

03070510

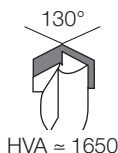
High Quality professional

PUNTE ROTOBATTENTI "SUPER GRANIT" PER FORARE LE PIETRE PIÙ DURE E I MATERIALI EDILI DURISSIMI

Rotary percussion drill bits "Super Granit" for extreme hard stones and building materials / Forets à béton "Super Granit" pour percer granit, la pierre naturelle, concrete, etc. / Brocas a percusion "Super Granit" para taladrar granito y la piedra natural, hormigon / Betonschlagbohrer "Super Granit" für Granit, Naturstein, Mauerwerk

DIN 8039 - ISO 5468

03110



Placchetta affilata con diamante. Corpo rettificato con scarico ad "U", in acciaio legato HRC 40÷50. Saldobrasatura a 1100° C. Large milled flute type "U" for an efficient dust removal. Diamond sharpened. Body in alloy steel with HRC 40÷50. Brazing temperature at 1100° C

Art. 03110

Art. 03111 Self
Disponibile su richiesta / On demand

Ø mm	inch	d	l	L	pcs	cod.
3	1/8	2,8	30	60	1	031100300
4	5/32	3,8	40	75	1	031100400
5	3/16	4,5	50	75	1	031100500
5,5	7/32	4,5	50	85	1	031100550
6	15/64	5,5	60	100	1	031100600
7	9/32	6,5	60	100	1	031100700
8	5/16	7,5	80	120	1	031100800
9	23/64	8	80	120	1	031100900
10	25/64	9	80	120	1	031101000
11	7/16	10	90	150	1	031101100
12	15/32	10	90	150	1	031101200
13	1/2	10	90	150	1	031101300
14	9/16	10	90	150	1	031101400
15	19/32	10	100	160	1	031101500
16	5/8	12	100	160	1	031101600
18	23/32	12	100	160	1	031101800
20	25/32	12	100	160	1	031102000

Art. 03112 L=150-250 mm

Ø mm	inch	d	l	L	pcs	cod.
5	3/16	4,5	90	150	1	031121500500
5,5	7/32	4,5	90	150	1	031121500550
6	15/64	5,5	90	150	1	031121500600
6,5	1/4	5,5	90	150	1	031121500650
8	5/16	7,5	90	150	1	031121500800
8	5/16	7,5	200	250	1	031122500800
10	3/8	9	200	250	1	031122501000
12	15/32	10	200	250	1	031122501200
14	9/16	12	200	250	1	031122501400

Confezione / Packaging



Applicazioni / Applications



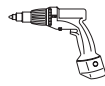
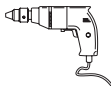
Granito
Granite



Calcestruzzo
Concrete



Pietra
Natural stones



- Taglio del granito a rotopercolazione con grandi rendimenti, taglio delle pietre naturali e artificiali, calcestruzzo e materiali da edilizia vari, fino al 7° scala MOHS.
- Rotary percussion cuts in granite, natural stone, concrete, masonry, up to 7° MOHS.
- Pour percage à fort percussion in granite, pierre naturelle et artificielle, ciment, carrelage (7° MOHS).
- Corte professional a percusion de grande rendimiento en granito, piedra, materiales de construcción muy duros (7° MOHS).
- Extrem robuster Schlagbohrer für höchste Beanspruchung, für Granit, Beton, Mauerwerk, Naturstein.



4 pcs
Ø 5-6-8-10 mm
03116202



7 pcs
Ø 3-4-5-6-8-9-10 mm
03116204



8 pcs
Ø 3-4-5-6-8-9-10-12 mm
03116205



112 pcs
Ø 3÷16 mm

Ø	pcs
3	10
4	10
5	10
6	20
7	5
8	15
9	4
10	8
12	6
14	2
16	2
5x150	4
6x150	6
8x250	3
10x250	3
12x250	2
14x250	2

03116503

PUNTE "EXTREME HARD CUT" ALTAMENTE PROFESSIONALI PER FORARE A SOLA ROTAZIONE TUTTI I MATERIALI EDILI DURISSIMI

Professional masonry drills "Extreme Hard Cut" for rotary cutting of hard building materials / Forêts béton professionnelles "Extreme Hard Cut" pour perçage rotation / Brocas "Extreme Hard Cut" altamente profesionales para cortar a sola rotación todos los materiales de construcción muy duros
Drehbohrer "Extreme Hard Cut" für drehenden Einsatz in Bohr- und Schlagbohrmaschinen

DIN 8039 - ISO 5468



Affilatura positiva
Positive Rake



HVA ≈ 1650

Corpo fresato con scanalatura ad "U".
Saldobrasatura a 1120° C.
Placchetta in metallo duro ISO Euronorm resistente a forti abrasioni, affilata con diamante ed autocentrante.
Large milled flute type "U", with self-centering positive clearance. Brazing temperature over 1120° C. Special carbide grain tip.

Ø mm	inch	d	l	L	pcs	cod.
3	1/8	2,8	30	70	1	031000300
4	5/32	3,8	40	75	1	031000400
5	3/16	4,5	50	85	1	031000500
6	15/64	5,5	60	100	1	031000600
7	9/32	6,5	60	100	1	031000700
8	5/16	7,5	80	120	1	031000800
10	3/8	9	80	120	1	031001000
12	15/32	10	90	150	1	031001200
14	9/16	10	200	250	1	031001400

03100

Art. 03101 Self
Disponibile su richiesta / On demand

Confezione / Packaging



Applicazioni / Applications



Pietre naturali e artificiali
Natural and artificial stones



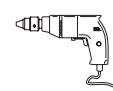
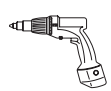
Ceramica
Ceramics



Piastrelle, mattoni durissimi
Tiles, hard burnt brick



Pietra - Granito
Natural stones granit

- Taglio preciso e senza sbavature a rotazione nel marmo, pietre, granito, ceramica, tutti i materiali da edilizia durissimi (sino a 7 gradi scala MOHS).
- Precise rotary cut in hard building materials (marble, natural stones, ceramic, granit) up to 7° MOHS.
- Pour perçage à rotation granit, pierre, ceramic 7° grado MOHS.
- Corte preciso y rapido a rotacion en materiales de construcción muy duros y abrasivos (7° MOHS).
- Drehenden Einsatz in harten Baumaterialen wie Dachziegel, Dachpfannen, Klinker, Keramik.



4 pcs
Ø 5-6-8-10 mm

03105202



117 pcs
Ø 3÷14 mm

Ø	pcs
3	10
4	10
5	10
6	28
7	10
8	20
10	15
12	8
14	6

03105503

390x150x225

High Quality professional

PUNTA UNIVERSALE SDD PER IL TAGLIO DI TUTTI I MATERIALI

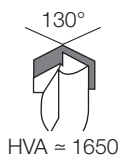
Univeral SDD drill / Forets universels SDD

Broca universal SDD / SDD Mehrzweckbohrer

DIN 8039 - ISO 5468

SDD

03069



Ø mm	d	/	L	pcs	cod.
3	2,8	20	60	10	030690600300
4	3,8	35	75	10	030690750400
5	4,5	45	85	10	030690850500
6	5,5	60	100	10	030691000600
6	5,5	210	250	1	030692500600
6	5,5	360	400	1	030694000600
7	6,4	60	100	10	030691000700
8	7,2	80	120	10	030691200800
8	7,2	210	250	1	030692500800
8	7,2	360	400	1	030694000800
9	8,3	80	120	10	030691200900
10	9,2	80	120	10	030691201000
10	9,2	210	250	1	030692501000
10	9,2	360	400	1	030694001000
10	9,2	560	600	1	030696001000
11	9,9	110	150	6	030691501100

Ø mm	d	/	L	pcs	cod.
12	10	110	150	6	030691501200
12	10	210	250	1	030692501200
12	10	360	400	1	030694001200
12	10	560	600	1	030696001200
13	12	110	150	6	030691501300
14	12,7	110	150	6	030691501400
14	12,7	210	250	1	030692501400
14	12,7	360	400	1	030694001400
15	13	110	150	6	030691501500
16	13	110	150	6	030691501600
16	13	210	250	1	030692501600
16	13	360	400	1	030694001600
16	13	560	600	1	030696001600
18	13	120	160	1	030691601800
20	13	120	160	1	030691602000

Confezione / Packaging



Applicazioni / Applications



Pietre naturali
e artificiali
Natural and
artificial stones



Ceramica
Ceramics



Metals



Piastrelle,
mattoni
durissimi
Tiles, hard
burnt brick



Pietra - Granito
Natural stones
granit



4 pcs

Ø 4x75-5x85
6x100-8x120 mm

03068201

5 pcs

Ø 4x75-5x85-6x100
8x120-10x120 mm

03068203

7 pcs

Ø 3x70-4x75-5x85-6x100
8x120-9x120-10x120 mm

03068204



Ø	pcs
3x60	5 pcs
4x75	5 pcs
5x85	10 pcs
6x100	20 pcs
8x120	20 pcs
10x120	14 pcs
12x150	14 pcs

03068505



- Taglio preciso a rotazione in metalli, ceramica e in tutti i materiali da edilizia fragili e a rotopercolazione in marmo, granito, pietre.
- Precise cut, rotation only, into metals, ceramic and fragile building materials. Rotary percussion cut into marble, granite, stones.
- Pour percer à rotation acier dur, ceramique, bâtiment (8° Mohs) et à percussion en granit, pierre.
- Corte preciso en materiales de construccion. Corte a percusion en granito, piedra.

PUNTA "FORATUTTO" UNIVERSALE MULTIK AD ALTE PRESTAZIONI PER IL TAGLIO DI TUTTI I MATERIALI

High performance multi-purpose drill bit / Forets universels pour matériaux
Broca universal para todos los materiales / Mehrzweckbohrer

DIN 8039 - ISO 5468



HVA ≈ 1650

Placchetta affilata con diamante con geometria innovativa. Corpo rettificato con scarico ad "U", in acciaio legato HRC 40÷50. Saldobrasatura a 1100° C.

Large milled flute type "U" for an efficient dust removal. Diamond sharpened. Body in alloy steel with HRC 40÷50. Brazing temperature at 1100° C.

Ø mm	d	l	L	pcs	cod.
3	2,8	40	70	1	030760300070
4	3,8	40	75	1	030760400075
5	4,5	50	85	1	030760500085
5	4,5	90	150	1	030760500150
5,5	4,5	50	85	1	030760550085
6	5,5	60	100	1	030760600100
6	5,5	90	150	1	030760600150
6	5,5	200	250	1	030760600250
6,5	5,5	60	100	1	030760650100
7	6,5	60	100	1	030760700100
8	7,2	80	120	1	030760800120
8	7,2	90	150	1	030760800150
8	7,2	200	250	1	030760800250
8	7,2	350	400	1	030760800400
9	8	80	120	1	030760900120
10	9	80	120	1	030761000120
10	9	90	150	1	030761000150
10	9	200	250	1	030761000250
10	9	350	400	1	030761000400
11	10	90	150	1	030761100150
12	10	90	150	1	030761200150
12	10	200	250	1	030761200250
12	10	350	400	1	030761200400
14	12,3	150	200	1	030761400200
14	12,3	200	250	1	030761400250
16	14	150	200	1	030761600200

03076



4 pcs
Ø 4x75-5x85
6x100-8x120 mm

03078201

5 pcs
Ø 4x75-5x85-6x100
8x120-10x120 mm

03078203

7 pcs
Ø 3x70-4x75-5x85-6x100
8x120-9x120-10x120 mm

03078204

DIN 8039 - ISO 5468



1/4 Q.C.



HVA ≈ 1650

Ø mm	inch	d	l	L	pcs	cod.
3	1/8	1/4	45	90	1	030770300090
4	5/32	1/4	45	90	1	030770400090
5	3/16	1/4	50	100	1	030770500100
5,5	7/32	1/4	60	100	1	030770550100
6	15/64	1/4	60	100	1	030770600100
6	15/64	1/4	200	250	1	030770600250
6,5	1/4	1/4	200	250	1	030770650250
7	9/32	1/4	50	100	1	030770700100
8	5/16	1/4	50	100	1	030770800100
10	3/8	1/4	90	150	1	030771000150

03077



4 pcs
Ø 4-5-6-8 mm

03078301



6 pcs
Ø 3-4-5-6-8-10 mm

03078302



Confezione / Packaging



Applicazioni / Applications



Pietre naturali e artificiali
Natural and artificial stones



Piastrelle, mattoni durissimi
Tiles, hard burnt brick



Ceramica
Ceramics



Metals



Pietra - Granito
Natural stones
granit

- Taglio preciso e senza sbavature a rotazione in metalli, ceramica e in tutti i materiali da edilizia durissimi (sino 8° Mohs) e a rotoperussione in marmo, granito, pietre.
- Precise cut, rotation only, into hardened steel, metals, ceramic and hard building materials (up to 8° Mohs). Rotary percussion cut into marble, granite, stones.
- Pour percer à rotation acier dur, ceram, bâtiment (8° Mohs) et à fort percussione in granit, pierre.
- Corte preciso y rapido en materiales de construccion muy duros (8° Mohs). Corte a percussione en granito, piedra.



Professional

PUNTA UNIVERSALE "FORATUTTO®"

Multi-purpose drill bits / Forets universels pour matériaux

Broca universal para todos los materiales / Mehrzweckbohrer

DIN 8039 - ISO 5468

Art. 03080 **Universale - Multipurpose**

Art. 03081 Self
Disponibile su richiesta / On demand



Ø mm	inch	d	l	L	pcs 	cod.
3	1/8	2,8	40	70	10	030800300
4	5/32	3,8	40	75	10	030800400
5	3/16	4,5	40	85	10	030800500
6	15/64	5,5	55	100	10	030800600
7	9/32	6,5	55	100	10	030800700
8x107	5/16	7,5	70	107	10	030800800C
8	5/16	7,5	70	120	10	030800800
9	11/32	8	70	120	10	030800900
10	3/8	9	70	120	10	030801000
11	7/16	10	90	150	6	030801100
12x120	15/32	10	90	120	6	030801200C
12	15/32	10	90	150	6	030801200
13	1/2	10	90	150	6	030801300
14	9/16	10	90	150	6	030801400
15	19/32	10	90	150	6	030801500
16	5/8	10	90	150	6	030801600

Art. 03082 **Serie lunga / Long serie L = 250 mm**

ØxL mm	d	l	L	pcs 	cod.
6x150	5,5	125	150	10	030820600
8x250	7,5	130	250	10	030820800
10x250	9	130	250	10	030821000
12x250	10	130	250	6	030821200
14x250	10	130	250	6	030821400

Confezione / Packaging



Applicazioni / Applications



Muro
Masonry



Ceramica
Ceramics



Piastrelle,
mattoni
durissimi
Tiles, hard
burnt brick



Pietre naturali
e artificiali
Natural and
artificial stones



Acciaio/
Metallo
Steel/Metal



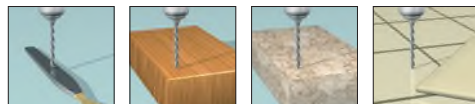
Legno
Wood



PVC
PVC
Acrylica



Vetro
Glass



- Per forare a **sola rotazione**: acciaio duro, acciai in genere, ghisa, tutti i metalli, muro, calcestruzzo, ceramica, pavimenti in genere, legno e derivati, plastica, laminati.
- For rotary cutting in hardened steel, metals, cement, brick, tiles, ceramic, wood, plastics.
- Pour percer à rotation: acier dur, béton, ceramic, bois, plastique.
- Para cortar a rotación: acero tratado, hormigón, cerámica, madera, plástico.
- Für drehenden Einsatz in Mauerwerk, Fliesen, Holz, hart Stahl, Kunststoffe.



03122

03117



4 pcs
Ø 5-6-8-10 mm
03085201



7 pcs
Ø 3-4-5-6-8-9-10 mm
03085202



8 pcs
Ø 3-4-5-6-8-9-10-12 mm
03085203



12 pcs
Ø 3-4-4-5-5-6-6-7-8-8-9-10
03085101



156 pcs
Ø 3÷16 mm

Ø	pcs
3	9
4	9
5	18
6	27
7	9
8	18
9	6
10	18
11	6
12	12
13	6
14	6
15	6
16	6

390x150x225

03085503

PUNTA UNIVERSALE “FORATUTTO®” CON ATTACCO HEX 1/4”

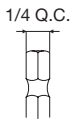
Multi-purpose drill bits / Forets universels pour matériaux

Broca universal para todos los materiales / Mehrzweckbohrer



130°
HVA ≈ 1750
Affilatura positiva
Positive relief

1/4 Q.C.



Confezione / Packaging



Ø mm	d	l	L	pcs	cod.
3	1/4	33	75	1	030890300
4	1/4	40	83	1	030890400
5	1/4	46	93	1	030890500
6	1/4	56	97	1	030890600
7	1/4	48	97	1	030890700
8	1/4	70	120	1	030890800
9	1/4	70	120	1	030890900
10	1/4	70	120	1	030891000




03089



Ø 4-5-6-8-10 mm

03085700

PUNTE PER VETRO E CERAMICA

Glass drill bits / Forets verre / Broca para vidrio / Glasbohrer



HRA 90

Art. **03143** Self
Disponibile su richiesta
On demand

Ø mm	d	L	pcs	cod.
3	3	58	1	031400300
4	3	58	1	031400400
5	4	58	1	031400500
6	5	58	1	031400600
7	5	78	1	031400700
8	6	78	1	031400800
9	6	98	1	031400900
10	7	98	1	031401000
12	8	98	1	031401200

03140



Ø 4-5-6-8-10 mm

03146700

Confezione / Packaging



Applicazioni / Applications



Vetro
Glass



Ceramica
Ceramics



- Taglio a sola rotazione nel vetro, selezionando la velocità di taglio più bassa possibile e refrigerando con acqua o trementina. Riaffilare frequentemente nel taglio di vetri duri.
- Rotary cut in glass, with water cooling, at low speed.
- Pour percer le verre, à bas rotation, avec lubrification à l'eau.
- Para taladrar a rotación vidrio, refrigeración por agua.
- Spezialbohrer zum Bohren von Glass, Wasser Schmierung.

PUNTE PER TRACCIARE CON RIPORTO IN METALLO DURO

Carbide scribes / Pointe carbure à tracer / Punta para trazar / Hartmetall Reißspitze

	cod.	L
0314201		
	0314201	200
0314202		
	0314202	150



Professional

PUNTE CILINDRICHE PER MURO STANDARD PLUS

Quality rotary percussion masonry drills / Forets à béton de qualité

Broca de calidad para hormigon / Profi Steinbohrer

DIN 8039 - ISO 5468



Art. 03052 Serie Corta - Short serie

Ø mm	inch	d	l	L	pcs 	cod.
3	1/8	2,8	40	70	10	030520300
4	5/32	3,8	40	75	10	030520400
5	3/16	4,5	40	85	10	030520500
5,5	7/32	4,8	55	100	10	030520550
6	15/64	5,5	55	100	10	030520600
6,5	1/4	6	70	120	10	030520650
7	9/32	6,5	70	120	10	030520700
8x107	5/16	7,5	70	107	10	030520800C
8	5/16	7,5	70	120	10	030520800
9	11/32	8	90	120	10	030520900
10	3/8	9	90	120	10	030521000
11	7/16	10	90	150	5	030521100
12x120	15/32	10	90	120	5	030521200C
12	15/32	10	90	150	5	030521200
13	1/2	10	90	150	5	030521300
14	9/16	10	90	150	5	030521400
15	19/32	10	90	150	5	030521500
16	5/8	10	90	150	5	030521600
18	23/32	10	100	160	5	030521800
20	25/32	13	100	160	5	030522000

Art. 03053 L=150-200 mm

Ø mm	inch	d	l	L	pcs 	cod.
5	3/16	4,7	90	150	5	030530500
5,5	7/32	4,8	90	150	5	030530550
6	15/64	5,5	90	150	5	030530600
8	5/16	7,5	150	200	5	030530800
10	3/8	9	150	200	5	030531000
12	15/32	10	150	200	5	030531200
14	9/16	10	150	200	5	030531400
16	5/8	10	150	200	5	030531600
18	23/32	10	150	200	5	030531800
20	25/32	13	150	200	5	030532000

Art. 03054 L=400 mm

Ø mm	inch	d	l	L	pcs 	cod.
8	5/16	7,5	320	400	1	030540800
10	3/8	9	320	400	1	030541000
12	15/32	10	320	400	1	030541200
14	9/16	10	320	400	1	030541400
16	5/8	10	320	400	1	030541600
18	23/32	10	320	400	1	030541800
20	25/32	13	320	400	1	030542000
22	7/8	13	320	400	1	030542200
24	15/16	13	320	400	1	030542400

Art. 03051 L=600 mm

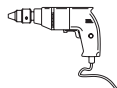
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Ø mm	inch	d	l	L	pcs 	cod.
8	5/16	7,5	500	600	1	030510800
10	3/8	9	500	600	1	030511000
12	15/32	10	500	600	1	030511200
14	9/16	10	500	600	1	030511400
16	5/8	10	500	600	1	030511600
18	23/32	10	500	600	1	030511800
20	25/32	13	500	600	1	030512000
22	7/8	13	500	600	1	030512200
24	15/16	13	500	600	1	030512400

Confezione / Packaging



Applicazioni / Applications



ASSORTIMENTI PUNTE CILINDRICHE PER MURO **STANDARD PLUS**

Quality rotary percussion masonry drills sets / Jeux forets à béton de qualité
Juego brocas de calidad para hormigon / Betonschlag bohrersätze



4 pcs
Ø 5-6-8-10 mm
03057202



7 pcs
Ø 3-4-5-6-8-9-10 mm
03057204



8 pcs
Ø 3-4-5-6-8-9-10-12 mm
03057205



177 pcs
Ø 3÷16 mm

Ø	pcs
3	10
4	10
5	10
6	45
7	10
8	20
9	10
10	20
12	10
14	5
16	5
8x400	5
10x400	6
12x400	6
14x400	5

390x150x225

03057503

Professional

PUNTE CILINDRICHE PER MURO, QUALITÀ STANDARD

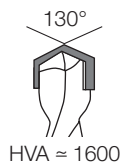
Carbide tipped masonry drills / Forets à béton au carbure de tungstène

Brocas para hormigón / Steinbohrer

DIN 8039-ISO 5468 Serie Corta

Short serie / Série courte / Serie corta / Kurz Serie

03001



Art. 03002 Self

Disponibile su richiesta / On demand

Confezione / Packaging



Applicazioni / Applications



Muro
Masonry

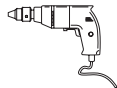


Calcestruzzo
Concrete



Pietra
Natural stones

Ø mm	inch	d	l	L	pcs 	cod.
3	1/8	2,8	40	70	10	030010300
3,5	9/64	3,2	40	75	10	030010350
4	5/32	3,2	40	75	10	030010400
4,5	11/64	3,8	40	85	10	030010450
5	3/16	3,8	40	85	10	030010500
5,5	7/32	4,7	50	85	10	030010550
6	15/64	4,7	55	100	10	030010600
6,5	1/4	5,4	55	100	10	030010650
7	9/32	5,4	55	100	10	030010700
7,5	19/64	5,8	70	100	10	030010750
8X107	5/16	7,5	70	107	10	030010800C
8	5/16	6	70	120	10	030010800
8,5	21/64	7,1	70	120	10	030010850
9	11/32	7,1	70	120	10	030010900
9,5	3/8	8	70	120	10	030010950
10	3/8	8	70	120	10	030011000
11	7/16	10	90	150	5	030011100
12X120	15/32	10	90	120	5	030011200C
12	15/32	10	90	150	5	030011200
13	1/2	10	90	150	5	030011300
14	9/16	10	90	150	5	030011400
15	19/32	10	90	150	5	030011500
16	5/8	10	90	150	5	030011600
18	23/32	10	100	160	5	030011800
20	25/32	13	100	160	5	030012000
22	7/8	13	100	160	1	030012200
24	15/16	13	100	160	1	030012400
25	1"	13	100	160	1	030012500
26	1. 1/32	13	100	160	1	030012600
28	1. 1/8	13	100	160	1	030012800
30	1. 3/16	13	100	160	1	030013000
32	1. 1/4	13	100	160	1	030013200



- Per forare a rotopercolazione muro, cemento, marmo e pietre. Utilizzo non intensivo.
- Rotary percussion in masonry, concrete, cement, marble, stone. Non intensive use.
- Pour percer à rotation percussif en pierre, béton, ciment, carrelage, marbre. Emploi non intensif.
- Para taladrar a roto-percussion muro, hormigón, cemento, marmol, piedra, suelos. Empleo no intensivo.
- Um Mauerwerk und Beton in Schlagbohrermaschinen zu bohren

PUNTE CILINDRICHE PER MURO, SERIE LUNGA 200-300MM, QUALITÀ STANDARD

Carbide tipped masonry drills, 200-300mm. length / Forets à béton au carbure de tungstène, série longue 200-300mm.

Brocas para hormigón, serie larga 200-300mm. / Steinbohrer, 200-300 mm Ausführung

DIN 8039 - ISO 5468

Art. 03005 L=200 mm

03005

Ø mm	inch	d	l	L	pcs 	cod.
6	15/64	4,7	115	200	5	030050600
8	5/16	6	115	200	5	030050800
9	11/32	7,1	115	200	5	030050900
10	3/8	8	115	200	5	030051000
12	15/32	10	120	200	5	030051200
13	1/2	10	120	200	5	030051300
14	9/16	10	120	200	5	030051400
16	5/8	10	120	200	5	030051600
18	23/32	10	120	200	5	030051800
20	25/32	13	120	200	5	030052000

Art. 03021 Self
Disponibile su richiesta / On demand

Art. 03009 L=300 mm

03009

Ø mm	inch	d	l	L	pcs 	cod.	
6	15/64	4,7	180	300	5	030090600	
8	5/16	6	180	300	5	030090800	
9	11/32	7,1	180	300	5	030090900	
10	3/8	8	180	300	5	030091000	
12	15/32	10	180	300	5	030091200	
13	1/2	10	180	300	5	030091300	
14	9/16	10	180	300	5	030091400	
16	5/8	10	180	300	5	030091600	
18	23/32	10	180	300	5	030091800	
20	25/32	13	180	300	5	030092000	



Professional

PUNTE CILINDRICHE PER MURO, SERIE LUNGA 400-600MM, QUALITÀ STANDARD

Carbide tipped masonry drills, 400-600mm. length / Forets à béton au carbure de tungstène, série longue 400-600mm

Brocas para hormigón, serie larga 400-600mm / Steinbohrer, 400-600 mm Ausführung

DIN 8039 - ISO 5468

Art. 03011 L=400 mm

Art. 03022 Self
Disponibile su richiesta / On demand

Ø mm	inch	d	l	L	pcs 	cod.
6	15/64	5	240	400	5	030110600
8	5/16	7	240	400	5	030110800
9	11/32	8	240	400	5	030110900
10	3/8	9	240	400	5	030111000
11	7/16	10	240	400	5	030111100
12	15/32	10	240	400	5	030111200
13	1/2	10	240	400	5	030111300
14	9/16	10	240	400	5	030111400
15	19/32	10	240	400	5	030111500
16	5/8	10	240	400	5	030111600
18	23/32	10	240	400	5	030111800
20	25/32	13	240	400	5	030112000
22	7/8	13	240	400	1	030112200
24	15/16	13	250	400	1	030112400
25	1"	13	250	400	1	030112500
26	1/32	13	250	400	1	030112600
28	1/8	13	250	400	1	030112800
30	3/16	13	250	400	1	030113000
32	1/4	13	250	400	1	030113200

Art. 03015 L=600 mm

Art. 03023 Self
Disponibile su richiesta / On demand

Ø mm	inch	d	l	L	pcs 	cod.
6	15/64	5	370	600	5	030150600
8	5/16	7	370	600	5	030150800
9	11/32	8	370	600	5	030150900
10	3/8	9	370	600	5	030151000
11	7/16	10	370	600	5	030151100
12	15/32	10	370	600	5	030151200
13	1/2	10	370	600	5	030151300
14	9/16	10	370	600	5	030151400
15	19/32	10	370	600	5	030151500
16	5/8	10	370	600	5	030151600
18	23/32	10	370	600	5	030151800
20	25/32	13	370	600	5	030152000
22	7/8	13	370	600	1	030152200
24	15/16	13	370	600	1	030152400
25	1"	13	370	600	1	030152500
26	1/32	13	370	600	1	030152600
28	1/8	13	370	600	1	030152800
30	3/16	13	370	600	1	030153000
35	3/8	13	370	600	1	030153500



Si consiglia di eseguire un preforo di 100÷150 mm dello stesso diametro.
Use same size pilot drill for 100÷150 mm depth.

ASSORTIMENTI PUNTE PER MURO, QUALITÀ STANDARD

Masonry drills in plastic cases / Assortiments forets à béton
Juego brocas para hormigon / Steinbohrersätze

		
15 pcs Ø 3÷10 x 0,5 mm	13 pcs Ø 3-4-4-5-5-5-6-6-7-8-8-9-10 mm	7 pcs Ø 3-4-5-6-8-9-10 mm
03050101	03050102	03050204

			
8 pcs Ø 3-4-5-6-8-9-10-12 mm	4 pcs Ø 4-5-6-8	4 pcs Ø 5-6-8-10 mm	4 pcs Ø 4-5-6-8-10 mm
03050205	03050201	03050202	03050203

281 pcs
Ø 3÷20

03050503

Ø	pcs
3	20
4	20
5	20
6	60
7	20
8	30
9	10
10	20
12	10
14	10
16	5
18	3
8x400	10
10x400	10
12x400	10
14x400	10
16x400	5
18x400	5
20x400	3

390x150x225

390x150x225

High Quality professional

PUNTE PER TRAPANI A MARTELLO SDS-PLUS, QUALITÀ SUPER PROFESSIONALE "K 4"

SDS-PLUS hammer drills "K 4" / Forets à marteau SDS-PLUS "K 4"

Brocas para martillo SDS-PLUS "K 4" / Hammerbohrer SDS-PLUS "K 4"



* 2 eliche - 2 Flutes

03160



K4
"SUPERPRO"



2 taglienti
cutting edges

4 spirali
4 spirals

HVA ≈ 1650

Corpo a 4 spirali indipendenti per un avanzamento più veloce (+35%) ed un maggior scarico dei detriti. Corpo in acciaio legato con HRC 50÷55. Geometria della testa più snella e più aggressiva, per un'ottima trasmissione della potenza. Saldobrasatura a 1100°C in atmosfera di gas protettivo. Higher speed and durability due to the unique 4-fold spirals (more dust removal, more feeding speed); unique and aggressive head geometry for a smooth power transmission. Body in alloy steel with HRC 50÷55. Brazing temperature at 1100°C.



Placchetta
"attiva"
con gole
di scarico

ø ≤ 10 mm



Placchetta
con
puntina di
centraggio

10 < ø ≤ 16 mm

Confezione / Packaging



Applicazioni / Applications



Calcestruzzo
Concrete

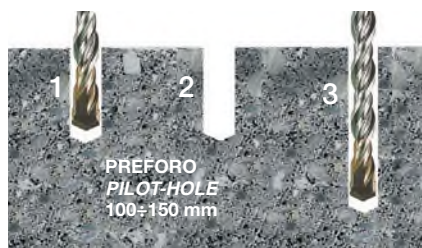


Muro
Masonry

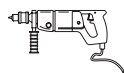


Pietra
Natural stones

L ≥ 300 mm



PREFORO
PILOT-HOLE
100±150 mm



Ø mm	L	/ pcs	cod.
*3,5	110 50	1	031601100350
*3,5	135 75	1	031601350350
*4	110 50	1	031601100400
*4	160 100	1	031601600400
5	110 50	1	031601100500
5	160 100	1	031601600500
5	210 150	1	031602100500
5	310 250	1	031603100500
5,5	110 50	1	031601100550
5,5	160 100	1	031601600550
5,5	210 150	1	031602100550
5,5	260 200	1	031602600550
5,5	310 250	1	031603100550
5,5	460 400	1	031604600550
6	110 50	1	031601100600
6	160 100	1	031601600600
6	210 150	1	031602100600
6	260 200	1	031602600600
6	460 400	1	031604600600
6,5	110 50	1	031601100650
6,5	160 100	1	031601600650
6,5	210 150	1	031602100650
6,5	260 200	1	031602600650
6,5	310 250	1	031603100650
7	110 50	1	031601100700
7	160 100	1	031601600700
7	210 150	1	031602100700
8	110 50	1	031601100800
8	160 100	1	031601600800
8	210 150	1	031602100800
8	260 200	1	031602600800
8	310 250	1	031603100800
8	460 400	1	031604600800
8	610 550	1	031606100800
9	160 100	1	031601600900
9	210 150	1	031602100900
10	110 50	1	031601101000
10	160 100	1	031601601000
10	210 150	1	031602101000
10	260 200	1	031602601000
10	310 250	1	031603101000
10	360 300	1	031603601000
10	460 400	1	031604601000
10	610 550	1	031606101000
10	1000 950	1	0316010001000
11	160 100	1	031601601100
11	210 150	1	031602101100
11	260 200	1	031602601100
12	160 100	1	031601601200
12	210 150	1	031602101200
12	260 200	1	031602601200

Ø mm	L	/ pcs	cod.
12	310 250	1	031603101200
12	460 400	1	031604601200
12	610 550	1	031606101200
12	1000 950	1	0316010001200
13	160 100	1	031601601300
13	210 150	1	031602101300
13	260 200	1	031602601300
13	460 400	1	031604601300
14	160 100	1	031601601400
14	210 150	1	031602101400
14	260 200	1	031602601400
14	310 250	1	031603101400
14	460 400	1	031604601400
14	610 550	1	031606101400
14	1000 950	1	0316010001400
15	160 100	1	031601601500
15	260 200	1	031602601500
15	460 400	1	031604601500
16	210 150	1	031602101600
16	260 200	1	031602601600
16	310 250	1	031603101600
16	460 400	1	031604601600
16	610 550	1	031606101600
16	1000 950	1	0316010001600
17	210 150	1	031602101700
18	200 150	1	031602001800
18	300 250	1	031603001800
18	450 400	1	031604501800
18	600 550	1	031606001800
18	1000 950	1	0316010001800
19	200 150	1	031602001900
19	450 400	1	031604501900
20	200 150	1	031602002000
20	300 250	1	031603002000
20	450 400	1	031604502000
20	600 550	1	031606002000
20	1000 950	1	0316010002000
22	250 200	1	031602502200
22	450 400	1	031604502200
22	600 550	1	031606002200
22	1000 950	1	0316010002200
24	250 200	1	031602502400
24	450 400	1	031604502400
25	250 200	1	031602502500
25	300 250	1	031603002500
25	450 400	1	031604502500
25	1000 950	1	0316010002500
26	250 200	1	031602502600
26	450 400	1	031604502600

Corpo a doppia spirale
per ø ≤ 4 mm e ø > 16 mm

- Taglio ad altissimo rendimento a rotopercussione, su martelli SDS-plus, nel muro, cemento, calcestruzzo, pietre. Taglia anche il tendino di acciaio del cemento armato incontrato nella foratura.
- Superprofessional hammer drills for intensive usage in concrete, masonry, bricks, natural stone, etc..
- Forets à marteau Superprofessionnel pour perçage in ciment, carrelage, pierre naturelle et artificielle, etc..
- Brocas para martillo Superprofesionales para cortar hormigon, cemento, marmo, piedra, suelos.
- Superprofi Einsatz in Bohrhämmer mit SDS-PLUS aufnahme für Beton, Mauerwerk, Naturstein.

ASSORTIMENTI PUNTE SDS-PLUS, QUALITÀ SUPER PROFESSIONALE "K 4"

"K 4" Hammer drills sets / Assortiments forets à marteau "K 4"

Juegos brocas martillo "K 4" / "K 4" Hammerbohrersätze

Abs



7 pcs
 Ø 5 - 6 - 8 x 110 mm
 Ø 6 - 8 - 10 - 12 x 160 mm

03163403

Plastic



6 pcs
 Ø 5 - 6 - 8 x 110 mm
 Ø 6 - 8 - 10 x 160 mm

03163202



5 pcs
 Ø 5 - 6 x 110 mm
 Ø 8 - 10 - 12 x 160 mm

03163203



30 pcs
 Ø 6÷14 mm

Ø	pcs
6x160	5
8x160	5
10x160	5
12x160	5
10x210	5
12x210	3
14x210	2

03163460



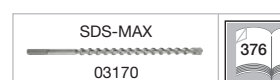
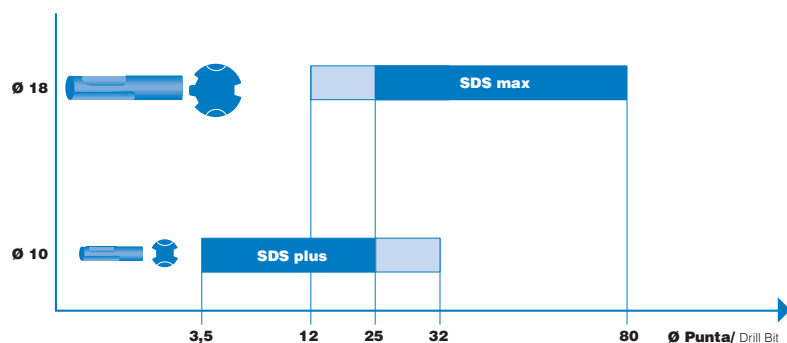
71 pcs
 Ø 5÷16 mm

Ø	pcs
5x110	3
6x110	8
5x160	3
6x160	8
8x160	8
9x160	3
10x160	5
12x160	5
6x210	4
8x210	4
10x210	3
12x210	3
14x210	2
16x210	2
8x260	2
10x260	2
12x260	2
14x260	2
16x260	2

390x150x225

03163503

Campo di applicazione raccomandato per gli attacchi SDS per martelli
 Range of applications for the SDS shanks



High Quality professional

PUNTE PER TRAPANI A MARTELLO SDS-PLUS CON 4 ELICHE E 4 TAGLIENTI

SDS-PLUS hammer drills, 4 flutes, 4 cutting edges / Forets à marteau SDS-PLUS avec 4 tranchantes et 4 spirales

Brocas para martillo SDS-PLUS con 4 cortadores y 4 espirales / Hammerbohrer SDS-PLUS mit 4 Schneiden und 4 Schrauben

HAMMER

03169



Ø 3,5÷4 mm



Ø 3,5÷4 mm



Ø 3,5÷4 mm

4 taglienti-cutting edges

HVA 1650

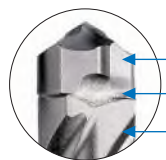
Placchetta integrale a 4 taglienti in metallo duro resistente alla forte percussione, è saldato al corpo per diffusione elettronica.

One-piece 4 cutting edges carbide tip resisting to percussion.

Welded to the body by electronic diffusion bond.

4 eliche-flutes

Corpo fresato con scanalatura a "L" ad alta evacuazione. Large milled flute type "L" for a faster dust removal.



Testa in metallo duro

Carbide tip

Zona di transizione

Transition area

Corpo in acciaio

Steel body

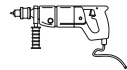
Confezione / Packaging



Applicazioni / Applications



Pietra Natural stones



Saldatura per diffusione elettronica, 3 volte più resistente della saldobrasatura
Electronic diffusion bond, 3 times more resistant than brazing



Ø mm	L	/ pcs		cod.		Ø mm	L	/ pcs		cod.	
											
3,5	115	50	1	031691150350		11	215	150	1	031692151100	
3,5	165	100	1	031691650350		11	265	200	1	031692651100	
4	115	50	1	031691150400		12	165	100	1	031691651200	
4	165	100	1	031691650400		12	215	150	1	031692151200	
5	115	50	1	031691150500		12	265	200	1	031692651200	
5	165	100	1	031691650500		12	315	250	1	031693151200	
5	215	150	1	031692150500		12	365	300	1	031693651200	
5	265	200	1	031692650500		12	465	400	1	031694651200	
5	315	250	1	031693150500		12	600	550	1	031696001200	
5	465	400	1	031694650500		12	1000	950	1	0316910001200	
5,5	115	50	1	031691150550		13	165	100	1	031691651300	
5,5	165	100	1	031691650550		13	215	150	1	031692151300	
5,5	215	150	1	031692150550		13	265	200	1	031692651300	
5,5	265	200	1	031692650550		14	165	100	1	031691651400	
5,5	315	250	1	031693150550		14	215	150	1	031692151400	
5,5	465	400	1	031694650550		14	265	200	1	031692651400	
6	115	50	1	031691150600		14	315	250	1	031693151400	
6	165	100	1	031691650600		14	365	300	1	031693651400	
6	215	150	1	031692150600		14	465	400	1	031694651400	
6	265	200	1	031692650600		14	600	550	1	031696001400	
6	315	250	1	031693150600		14	1000	950	1	0316910001400	
6	465	400	1	031694650600		15	165	100	1	031691651500	
6,5	115	50	1	031691150650		15	265	200	1	031692651500	
6,5	165	100	1	031691650650		15	465	400	1	031694651500	
6,5	215	150	1	031692150650		16	215	150	1	031692151600	
6,5	265	200	1	031692650650		16	265	200	1	031692651600	
6,5	315	250	1	031693150650		16	315	250	1	031693151600	
7	115	50	1	031691150700		16	465	400	1	031694651600	
7	165	100	1	031691650700		16	600	550	1	031696001600	
7	215	150	1	031692150700		16	1000	950	1	0316910001600	
7	265	215	1	031692650700		17	215	150	1	031692151700	
8	115	50	1	031691150800		17	315	250	1	031693151700	
8	165	100	1	031691650800		18	250	200	1	031692501800	
8	215	150	1	031692150800		18	450	400	1	031694501800	
8	265	200	1	031692650800		18	600	550	1	031696001800	
8	315	250	1	031693150800		18	1000	950	1	0316910001800	
8	365	300	1	031693650800		20	250	200	1	031692502000	
8	465	400	1	031694650800		20	450	400	1	031694502000	
9	165	100	1	031691650900		20	600	550	1	031696002000	
9	215	150	1	031692150900		20	1000	950	1	0316910002000	
10	115	50	1	031691151000		22	250	200	1	031692502200	
10	165	100	1	031691651000		22	450	400	1	031694502200	
10	215	150	1	031692151000		22	600	550	1	031696002200	
10	265	200	1	031692651000		22	1000	950	1	0316910002200	
10	315	250	1	031693151000		24	450	400	1	031694502400	
10	365	300	1	031693651000		25	450	400	1	031694502500	
10	465	400	1	031694651000		25	600	550	1	031696002500	
10	600	550	1	031696001000		25	1000	950	1	0316910002500	
10	1000	950	1	0316910001000		28	450	400	1	031694502800	
11	165	100	1	031691651100		30	450	400	1	031694503000	

Ø 18÷30 mm: 4 taglienti – 2 eliche

Ø 18÷30 mm: 2 flutes – 4 cutting edges

ASSORTIMENTI PUNTE SDS-PLUS CON 4 ELICHE E 4 TAGLIENTI

SDS/PLUS hammer drills sets, 4 flutes, 4 cutting edges

Assortiments forets à marteau SDS-PLUS / Juegos brocas martillo SDS-PLUS

HAMMER



6 pcs
Ø 5 - 6 - 8 x 115 mm
Ø 6 - 8 - 10 x 165 mm

03174202



5 pcs
Ø 5 - 6 x 115 mm
Ø 8 - 10 - 12 x 165 mm

03174203



7 pcs
Ø 5 - 6 - 8 x 115 mm
Ø 6 - 8 - 10 - 12 x 165 mm

03174403



390x150x225

68 pcs
Ø 5÷16 mm

Ø	pcs
5x115	3
6x115	8
5x165	3
6x165	8
8x165	8
10x165	5
12x165	5
6x215	4
8x215	4
10x215	3
12x215	3
14x215	2
16x215	2
8x265	2
10x265	2
12x265	2
14x265	2
16x265	2

03174503

La speciale testa dell'utensile è **saldato al corpo per diffusione**: questa nuova tecnologia garantisce un legame estremamente stabile tra placchetta in metallo duro e corpo della punta, perché la giunzione avviene allo stato solido per diffusione degli atomi del reticolo cristallino all'interfaccia tra i due pezzi.

La placchetta in metallo duro **monoblocco a 4 taglienti** garantisce una grande capacità di taglio, una perfetta trasmissione della potenza e un'ottima asportazione dei detriti grazie alla combinazione dei 4 taglienti, della placchetta integrale e delle 4 eliche. La punta a 4 taglienti e 4 spirali taglia sempre e senza problemi il tondino nel cemento armato. Garantisce un grande rendimento di taglio in tutti i materiali edili, cemento, granito, cemento armato, pietre in genere, mattoni. Grande precisione di foratura, grande durata della vita dell'utensile, massima limitazione delle vibrazioni del martello.

One-piece carbide tip is welded to the body by electronic diffusion bonding: this new technology assures a very stable link between the carbide tip and the drill body, because the bonding is made between solid phases through the atoms diffusion. The solid carbide tip assures high performances, a good power transmission and a great debris removal thanks to 4 flutes and 4 cutting edges one-piece solid carbide. The hammer drill 4x4 Speedmaster always cuts the steel bar into reinforced concrete. You can drill into all the building materials, concrete, masonry, reinforced concrete, stones, bricks. It assures thorough holes, long tool life cycle, low hammer vibrations

High Quality professional

PUNTE PER TRAPANI A MARTELLO SDS-PLUS CON 4 ELICHE E 4 TAGLIENTI

SDS-PLUS hammer drills, 4 flutes, 4 cutting edges / Forets à marteau SDS-PLUS avec 4 tranchantes et 4 spirales

Brocas para martillo SDS-PLUS con 4 cortadores y 4 espirales / Hammerbohrer SDS-PLUS mit 4 Schneiden und 4 Schrauben

4x4

Speedmaster®



03167



Solid carbide head
Ø 5-10 mm



Single carbide tip
Ø 12-16 mm



Multi-part carbide tip
Ø 18-32 mm

HVA ≈ 1650

4 taglienti-cutting edges HVA 1650

Placchetta integrale a 4 taglienti in metallo duro resistente alla forte percussione, brasatura con lega saldante a 1100°C.

One-piece 4 cutting edges carbide tip resisting to percussive. Brazing temperature at 1000°C

4 eliche-flutes

Corpo fresato con scanalatura a "L" ad alta evacuazione. Large milled flute type "L" for a faster dust removal.

Confezione / Packaging

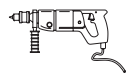


Applicazioni / Applications



Ø mm	L	/ pcs	cod.
5	110	50 1	031671100500
5	160	100 1	031671600500
5,5	110	50 1	031671100550
5,5	160	100 1	031671600550
6	110	50 1	031671100600
6	160	100 1	031671600600
6	210	150 1	031672100600
6	260	200 1	031672600600
6	310	250 1	031673100600
6,5	160	100 1	031671600650
6,5	210	150 1	031672100650
6,5	260	200 1	031672600650
6,5	310	250 1	031673100650
7	110	50 1	031671100700
7	160	100 1	031671600700
8	110	50 1	031671100800
8	160	100 1	031671600800
8	210	150 1	031672100800
8	260	200 1	031672600800
8	310	250 1	031673100800
8	460	400 1	031674600800
9	160	100 1	031671600900
10	110	50 1	031671101000
10	160	100 1	031671601000
10	210	150 1	031672101000
10	260	200 1	031672601000
10	310	250 1	031673101000
10	450	400 1	031674501000
10	600	550 1	031676001000
10	1000	950 1	0316710001000
11	160	100 1	031671601100
11	210	150 1	031672101100
12	160	100 1	031671601200
12	210	150 1	031672101200
12	260	200 1	031672601200
12	310	250 1	031673101200
12	450	400 1	031674501200
12	600	550 1	031676001200

Ø mm	L	/ pcs	cod.
12	1000	950 1	0316710001200
13	160	100 1	031671601300
13	210	150 1	031672101300
13	260	200 1	031672601300
13	310	250 1	031673101300
14	160	100 1	031671601400
14	210	150 1	031672101400
14	260	200 1	031672601400
14	310	250 1	031673101400
14	450	400 1	031674501400
14	600	550 1	031676001400
14	1000	950 1	0316710001400
15	160	100 1	031671601500
15	210	150 1	031672101500
15	260	200 1	031672601500
15	450	400 1	031674501500
16	160	100 1	031671601600
16	210	150 1	031672101600
16	260	200 1	031672601600
16	310	250 1	031673101600
16	450	400 1	031674501600
16	600	550 1	031676001600
16	1000	950 1	0316710001600
18	250	200 1	031672501800
18	450	400 1	031674501800
20	250	200 1	031672502000
20	450	400 1	031674502000
22	250	200 1	031672502200
22	450	400 1	031674502200
24	250	200 1	031672502400
24	450	400 1	031674502400
25	250	200 1	031672502500
25	450	400 1	031674502500
28	250	200 1	031672502800
28	450	400 1	031674502800
30	250	200 1	031672503000
30	450	400 1	031674503000
32	450	400 1	031674503200



- La placchetta in metallo duro **monoblocco a 4 taglienti** garantisce una grande capacità di taglio, una perfetta trasmissione della potenza e un'ottima asportazione dei detriti grazie alla combinazione dei 4 taglienti, della placchetta integrale e delle 4 eliche. La punta a 4 taglienti e 4 spirali taglia sempre e senza problemi il tondino nel cemento armato. Garantisce un grande rendimento di taglio in tutti i materiali edili, cemento, granito, cemento armato, pietre in genere, mattoni. Grande precisione di foratura, grande durata della vita dell'utensile, massima limitazione delle vibrazioni del martello.

- The solid carbide tip assures high performances, a good power transmission and a great debris removal thanks to 4 flutes and 4 cutting edges one-piece solid carbide. The hammer drill 4x4 Speedmaster always cuts the steel bar into reinforced concrete. You can drill into all the building materials, concrete, masonry, reinforced concrete, stones, bricks. It assures thorough holes, long tool life cycle, low hammer vibrations.

ASSORTIMENTI PUNTE SDS-PLUS CON 4 ELICHE E 4 TAGLIENTI

SDS/PLUS hammer drills sets, 4 flutes, 4 cutting edges

Assortiments forets à marteau SDS-PLUS / Juegos brocas martillo SDS-PLUS

4x4

Speedmaster



Metal



7 pcs

Ø 5 - 6 - 8 x 110 mm
Ø 6 - 8 - 10 - 12 x 160 mm

03168401

Plastic



6 pcs

Ø 5 - 6 - 8 x 110 mm
Ø 6 - 8 - 10 x 160 mm

03168202



5 pcs

Ø 5 - 6 x 110 mm
Ø 8 - 10 - 12 x 160 mm

03168203



30 pcs

Ø 6÷14 mm

Ø	pcs
6x160	5
8x160	5
10x160	5
12x160	5
10x210	5
12x210	3
14x210	2

03168460



390x150x225

68 pcs

Ø 5÷16 mm

Ø	pcs
5x110	3
6x110	8
5x160	3
6x160	8
8x160	8
10x160	5
12x160	5
6x210	4
8x210	4
10x210	3
12x210	3
14x210	2
16x210	2
8x260	2
10x260	2
12x260	2
14x260	2
16x260	2

03168503

46 pcs

Ø 5÷16 mm

Ø	pcs
5x110	4
6x110	6
6x160	6
8x160	6
10x160	4
12x160	4
8x210	4
10x210	2
12x210	2
14x210	2
16x210	2
14x260	2
16x260	2

03168500

Professional

PUNTE PER TRAPANI A MARTELLO SDS-PLUS, QUALITÀ STANDARD

Hammer drills / Forets à marteau

Brocas para martillo / Hammerbohrer

Standard quality SDS-PLUS

03155



2 taglienti
cutting edges

4 spirali
4 spirals

HVA ≈ 1650

Ø mm	L	/ pcs	cod.
4	110	50 1	031551100400
4	160	50 1	031551600400
5	110	50 1	031551100500
5	160	100 1	031551600500
5	210	150 1	031552100500
5,5	110	50 1	031551100550
5,5	160	100 1	031551600550
5,5	210	150 1	031552100550
6	110	50 1	031551100600
6	160	100 1	031551600600
6	210	150 1	031552100600
6	260	200 1	031552600600
6,5	160	100 1	031551600650
6,5	210	150 1	031552100650
6,5	260	200 1	031552600650
7	110	50 1	031551100700
7	160	100 1	031551600700
8	110	50 1	031551100800
8	160	100 1	031551600800
8	210	150 1	031552100800
8	260	200 1	031552600800
8	310	250 1	031553100800
8	460	400 1	031554600800
9	160	100 1	031551600900
9	210	150 1	031552100900
10	110	50 1	031551101000
10	160	100 1	031551601000
10	210	150 1	031552101000
10	260	200 1	031552601000
10	310	250 1	031553101000
10	360	300 1	031553601000
10	460	400 1	031554601000
10	610	550 1	031556101000
10	1000	950 1	0315510001000
11	160	100 1	031551601100
11	210	150 1	031552101100
11	260	200 1	031552601100
12	160	100 1	031551601200
12	210	150 1	031552101200
12	260	200 1	031552601200
12	310	250 1	031553101200
12	460	400 1	031554601200
12	600	550 1	031556001200
12	1000	950 1	0315510001200

Ø mm	L	/ pcs	cod.
13	160	100 1	031551601300
13	210	150 1	031552101300
13	260	200 1	031552601300
13	460	400 1	031554601300
14	160	100 1	031551601400
14	210	150 1	031552101400
14	260	200 1	031552601400
14	310	250 1	031553101400
14	460	400 1	031554601400
14	600	550 1	031556001400
14	1000	950 1	0315510001400
15	160	100 1	031551601500
15	260	200 1	031552601500
16	160	100 1	031551601600
16	210	150 1	031552101600
16	260	200 1	031552601600
16	310	250 1	031553101600
16	460	400 1	031554601600
16	600	550 1	031556001600
16	1000	950 1	0315510001600
18	210	150 1	031552101800
18	260	200 1	031552601800
18	310	250 1	031553101800
18	460	400 1	031554601800
18	600	550 1	031556001800
18	1000	950 1	0315510001800
20	200	150 1	031552002000
20	310	250 1	031553102000
20	460	400 1	031554602000
20	600	550 1	031556002000
20	1000	950 1	0315510002000
22	250	200 1	031552502200
22	460	400 1	031554602200
22	600	550 1	031556002200
22	1000	950 1	0315510002200
24	260	200 1	031552602400
24	460	400 1	031554602400
25	260	200 1	031552602500
25	460	400 1	031554602500
25	1000	950 1	0315510002500
26	460	400 1	031554602600
28	460	400 1	031554602800
30	460	400 1	031554603000

Confezione / Packaging



Applicazioni / Applications



Calcestruzzo
Concrete

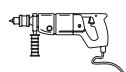
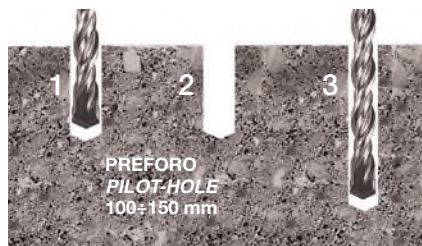


Muro
Masonry



Pietra
Natural stones

L ≥ 300 mm



- Taglio a rotopercolazione, su martelli con attacco SDS-PLUS, nel muro, cemento, calcestruzzo, pietre.
- Rotary percussion cut, with SDS plus hammers, in masonry, cement, reinforced concrete, natural and artificial stone.
- Forets à marteau SDS pour percer béton, ciment, pierre.
- Brocas para martillo SDS-plus para cortar hormigón, cemento, marmo, piedra.
- Einsatz in Bohrhämmer mit SDS-plus aufnahme für Beton, Mauerwerk, Naturstein.

ASSORTIMENTI PUNTE PER TRAPANI A MARTELLLO SDS-PLUS

Hammer drills sets / Assortiments forets à marteau

Juegos brocas para martillo / Hammerbohrersätze

Metal



7 pcs

Ø 5 - 6 - 8 x 110 mm
Ø 6 - 8 - 10 - 12 x 160 mm

03165401

Plastic



6 pcs

Ø 5 - 6 - 8 x 110 mm
Ø 6 - 8 - 10 x 160 mm

03165202



5 pcs

Ø 5 - 6 x 110 mm
Ø 8 - 10 - 12 x 160 mm

03165203



30 pcs

Ø 6÷14 mm

Ø	pcs
6x165	5
8x165	5
10x165	5
12x165	5
10x215	5
12x215	3
14x215	2

03165460



71 pcs

Ø 5÷16 mm

Ø	pcs
5x110	3
6x110	8
5x160	3
6x160	8
8x160	8
9x160	3
10x160	5
12x160	5
6x210	4
8x210	4
10x210	3
12x210	3
14x210	2
16x210	2
8x260	2
10x260	2
12x260	2
14x260	2
16x260	2

03165503

390x150x225

Professional

PUNTE PER TRAPANI A MARTELLO SDS-PLUS CON 4 ELICHE E 4 TAGLIENTI **K8**

SDS-PLUS hammer drills, 4 flutes, 4 cutting edges K8 / Forets marteau SDS-PLUS avec 4 tranchantes et 4 spirales K8

Brocas para martillo SDS-PLUS con 4 cortadores y 4 espirales K8 / Hammerbohrer SDS-PLUS mit 4 Schneiden und 4 Schrauben K8



Standard quality SDS-PLUS

03156



HVA ≈ 1650



4 taglienti
cutting edges

4 spirali
4 spirals

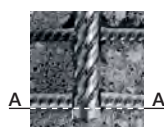
Ø mm	L	/	pcs	cod.
5	110	50	1	031561100500
5	160	100	1	031561600500
5,5	160	100	1	031561600550
6	110	50	1	031561100600
6	160	100	1	031561600600
6	210	150	1	031562100600
6	260	200	1	031562600600
6,5	160	100	1	031561600650
6,5	210	150	1	031562100650
6,5	260	200	1	031562600650
7	110	50	1	031561100700
7	160	100	1	031561600700
8	110	50	1	031561100800
8	160	100	1	031561600800
8	210	150	1	031562100800
8	260	200	1	031562600800
8	310	250	1	031563100800
8	460	400	1	031564600800
9	160	100	1	031561600900
9	210	150	1	031562100900
10	110	50	1	031561101000
10	160	100	1	031561601000
10	210	150	1	031562101000
10	260	200	1	031562601000
10	310	250	1	031563101000
10	360	300	1	031563601000
10	460	400	1	031564601000
10	610	550	1	031566101000
11	160	100	1	031561601100
11	210	150	1	031562101100
11	260	200	1	031562601100
12	160	100	1	031561601200
12	210	150	1	031562101200
12	260	200	1	031562601200
12	310	250	1	031563101200
12	460	400	1	031564601200
12	600	550	1	031566001200

Ø mm	L	/	pcs	cod.
13	160	100	1	031561601300
13	210	150	1	031562101300
13	260	200	1	031562601300
13	460	400	1	031564601300
14	160	100	1	031561601400
14	210	150	1	031562101400
14	260	200	1	031562601400
14	310	250	1	031563101400
14	460	400	1	031564601400
14	600	550	1	031566001400
15	160	100	1	031561601500
15	260	200	1	031562601500
16	160	100	1	031561601600
16	210	150	1	031562101600
16	260	200	1	031562601600
16	310	250	1	031563101600
16	460	400	1	031564601600
16	600	550	1	031566001600
18	210	150	1	031562101800
18	260	200	1	031562601800
18	310	250	1	031563101800
18	460	400	1	031564601800
18	600	550	1	031566001800
20	200	150	1	031562002000
20	310	250	1	031563102000
20	460	400	1	031564602000
20	600	550	1	031566002000
22	250	200	1	031562502200
22	460	400	1	031564602200
22	600	550	1	031566002200
24	260	200	1	031562602400
24	460	400	1	031564602400
25	260	200	1	031562602500
25	460	400	1	031564602500
26	460	400	1	031564602600
28	460	400	1	031564602800
30	460	400	1	031564603000



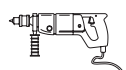
Confezione / Packaging

Applicazioni / Applications



Sez. AA

Immagine ottenuta al
microscopio sezionando
la testa dell'utensile
Picture of the carbide tip



- Placchetta in metallo duro integrale con 4 taglienti, 4 eliche rapide, corpo in acciaio ad alta resistenza.
- La punta a 4 taglienti e 4 spirali **taglia sempre il fondino in cemento armato e non si blocca mai.**
- Grande durata dell'utensile, precisione e circolarità del foro.
- One-piece solid carbide with 4 cutting edges, 4 flutes, steel body with high resistance.
- One-piece solid carbide tip always cuts the steel bar into reinforced concrete and it never stops.
- Long life cycle, thoroughness and roundness of the hole.

ASSORTIMENTI PUNTE SDS-PLUS CON 4 ELICHE E 4 TAGLIENTI **K8**®

SDS-PLUS hammer drills sets, 4 flutes, 4 cutting edges K8

Assortiments forets à marteau SDS-PLUS / Juegos brocas martillo SDS-PLUS

Metal



7 pcs

Ø 5 - 6 - 8 x 110 mm

Ø 6 - 8 - 10 - 12 x 160 mm

03166401



30 pcs

Ø 6÷14 mm

Ø	pcs
6x160	5
8x160	5
10x160	5
12x160	5
10x210	5
12x210	3
14x210	2

03166460



13 pcs

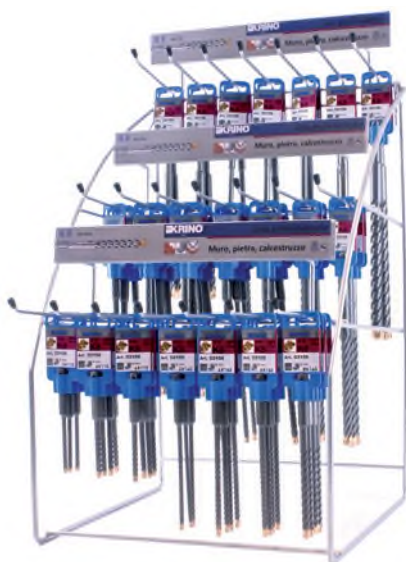
Ø	pcs
6x160	1
8x160	1
10x160	1
8x210	1
10x210	1
12x210	1
10x260	1
12x260	1
14x260	1
L=250	1
L=250	1
L=250	1
L=250	1

03165310

ESPOSITORE PUNTE SDS-PLUS CON 4 ELICHE E 4 TAGLIENTI **K8**

SDS-PLUS hammer drills display, 4 flutes, 4 cutting edges K8

Display avec forets à marteau SDS-PLUS / Expositor brocas para martillo SDS-PLUS



390x150x225

107 pcs

Ø 5÷16 mm

Ø	pcs
5x110	5
6x110	10
5x160	5
6x160	10
8x160	10
10x160	10
12x160	10
6x210	5
8x210	5
10x210	5
12x210	5
14x210	5
16x210	3
8x260	5
10x260	5
12x260	3
14x260	3
16x260	3

03166503

High Quality professional

PUNTE PER MARTELLI SDS-MAX SUPERPROFESSIONALI

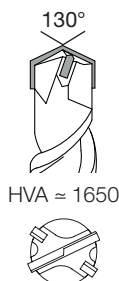
Super professional hammer drills bits SDS-MAX / Forets à marteau superprofessionnelles SDS-MAX

Brocas para martillo super profesionales SDS-MAX / Berufshammerbohrer SDS-MAX

Super Pro



03170



Caratteristiche/Features

Speciali placchette in M.D. per resistere all'urto sulla nuova generazione dei martelli pesanti da 5 Kg ed oltre. Testa più snella ma compatta per la geometria dei taglienti, facile penetrazione nel cemento. Elica "vario flute", per una più rapida evacuazione dei materiali.

Risultati: + 30% di efficienza nella foratura, maggiore durata dell'utensile, più resistenza agli impatti, minori vibrazioni, fori più profondi e precisi.

Special cutting edges for a quick penetration into the hardest concrete. Large flute for a fast removal, strong reinforced web for a smooth cutting (no breakage, no vibrations).

Ø mm	L	/ pcs	cod.
*12	340	200 1	031703401200
*12	540	400 1	031705401200
*12	740	600 1	031707401200
**13	540	400 1	031705401300
*14	340	200 1	031703401400
*14	540	400 1	031705401400
*14	740	600 1	031707401400
*14	940	800 1	031709401400
*15	340	200 1	031703401500
*15	540	400 1	031705401500
16	340	200 1	031703401600
16	540	400 1	031705401600
16	740	600 1	031707401600
16	940	800 1	031709401600
16	1340	1200 1	0317013401600
18	340	200 1	031703401800
18	540	400 1	031705401800
18	740	600 1	031707401800
18	940	800 1	031709401800
18	1340	1200 1	0317013401800
19	520	400 1	031705201900
20	320	200 1	031703202000
20	520	400 1	031705202000
20	720	600 1	031707202000
20	920	800 1	031709202000
20	1320	1200 1	0317013202000
22	320	200 1	031703202200
22	520	400 1	031705202200
22	720	600 1	031707202200
22	920	800 1	031709202200
22	1320	1200 1	0317013202200
24	320	200 1	031703202400
24	520	400 1	031705202400
25	320	200 1	031703202500

Ø mm	L	/ pcs	cod.
25	520	400 1	031705202500
25	720	600 1	031707202500
25	920	800 1	031709202500
25	1320	1200 1	0317013202500
26	520	400 1	031705202600
28	320	200 1	031703202800
28	520	400 1	031705202800
28	720	600 1	031707202800
28	920	800 1	031709202800
28	1320	1200 1	0317013202800
30	320	200 1	031703203000
30	520	400 1	031705203000
32	320	200 1	031703203200
32	520	400 1	031705203200
32	720	600 1	031707203200
32	920	800 1	031709203200
32	1320	1200 1	0317013203200
35	370	250 1	031703703500
35	520	400 1	031705203500
35	720	600 1	031707203500
35	920	800 1	031709203500
35	1320	1200 1	0317013203500
37	570	450 1	031705703700
37	920	800 1	031709203700
38	370	250 1	031703703800
38	520	400 1	031705203800
38	720	600 1	031707203800
40	520	400 1	031705204000
40	720	600 1	031707204000
40	920	800 1	031709204000
40	1320	1200 1	0317013204000
45	520	400 1	031705204500
50	570	450 1	031705705000
52	570	450 1	031705705200

* 2 taglienti - 2 cutting edges

** Ad esaurimento - To be discontinued

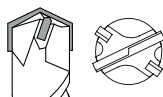
Confezione / Packaging



Applicazioni / Applications



Super PRO



HVA ≈ 1650

- 4 taglienti - 2 eliche ampie
nuovo disegno dei denti
- 4 cutting edges - 2 wide flutes
new teeth design

- Taglio ad **altissimo rendimento**, su martelli SDS-MAX, nel muro, cemento, calcestruzzo, pietre, grazie alla placchetta estremamente aggressiva. L'accurata geometria della testa favorisce il centraggio e la perfetta circolarità del foro. La placchetta snella, con taglienti laterali inclinati e gli ampi canali di rimozione dei detriti consentono una velocità di foratura elevatissima, mantenendo un basso tenore di vibrazioni sul martello. Per fori superiori a 400 mm, utilizzare un preforo di 150÷200 mm dello stesso diametro.

- Superprofessional cut for hammer drills with SDS-MAX chucking in concrete, masonry and natural stone. Smooth running, accurate hole, reduced vibrations due to its high quality.

- Forets à marteau SDS-MAX superprofessionnel pour perçage in carrelage, ciment, pierre naturelle et artificielle.

- Brocas para martillo SDS-MAX superprofesionales para corta hormigon, cemento, piedra, suelos.

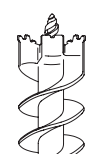


PUNTA DI GRANDE DIAMETRO PER MARTELLI SDS-MAX

Breakthrough drill bit SDS-MAX / Forets à défoncer SDS-MAX

Broca para hendiduras SDS-MAX / Durchbruchbohrer SDS-MAX





Integrale
One piece



Ø mm	L	/	pcs 	cod.	
45	550	100	1	031715504500	
45	990	100	1	031719904500	
55	550	100	1	031715505500	
55	990	100	1	031719905500	
65	550	100	1	031715506500	
65	990	100	1	031719906500	
80	550	100	1	031715508000	
80	990	100	1	031719908000	

03171

Applicazioni / Applications

 Calcestruzzo
Concrete

 Muro
Masonry

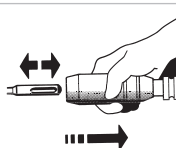


- Adatta per la foratura di grandi dimensioni (ø 45÷80 mm) con martelli SDS-MAX in cemento, muratura, arenaria. Speciale per forature passanti per il passaggio di cavi e tubature.
- Useful for drilling into large diameters (ø 45÷80 mm) with SDS-MAX hammer tools into concrete, masonry, sandstone. Special for breakthrough cuts for cables and pipes.
- Adapte au perçage des grandes dimensions (ø 45÷80 mm) avec machines à marteaux SDS-MAX dans le ciment, béton, pierre. Spécial pour trous passants pour les passages des câbles et tuyaux.
- Adecuado para agujeros de grandes dimensiones (ø 45÷80 mm) con taladros de martillos SDS-MAX en concreto, hormigon, arenisca. Especial para agujeros para los pasajes des cables y tubos.

ADATTATORE A CAMBIO RAPIDO SDS-MAX / SDS-PLUS

SDS-MAX / SDS-PLUS adapter / Adaptateurs pour meches SDS-MAX / SDS-PLUS / Adaptatores con salida SDS-MAX / SDS-PLUS



SDS-MAX		SDS-PLUS	cod.	L	
			03184101	220	
Millerighe 19,3 mm Large spline shank		SDS-PLUS	*03184102	220	
			* Ad esaurimento - To be discontinued		
Attacco esagonale SW 13 (corto) Hexagonal shank SW 13 (short)		SDS-PLUS	*03184103	208	
			* Ad esaurimento - To be discontinued		

PUNTE "DUST FREE" CON SISTEMA DI ASPIRAZIONE DELLA POLVERE

Professional drills bits with dust removal technology / Forets avec technologie de dépoussiérage

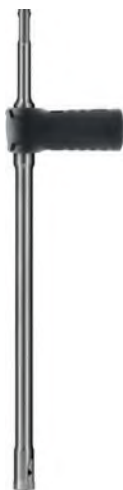
Brocas con tecnologia de eliminacion de polvo / Spitzen mit Staubabsaugsystem

03172

NEW

SDS PLUS

SDS MAX



SDS PLUS

Ø mm	L	/	pcs	cod.
12	330	200	1	031723301200
14	360	240	1	031723601400
16	360	240	1	031723601600
18	360	240	1	031723601800

SDS MAX

Ø mm	L	/	pcs	cod.
16	600	400	1	031726001600
18	600	400	1	031726001800
20	600	400	1	031726002000
22	600	400	1	031726002200
24	600	400	1	031726002400
25	600	400	1	031726002500
28	900	700	1	031729002800
30	900	700	1	031729003000
32	900	700	1	031729003200
35	900	700	1	031729003500

Caratteristiche/Features

- Ideale per effettuare fori nel cemento armato per i quali sia previsto l'inserimento di ancorante chimico, evita la lunga e laboriosa procedura di pulizia del foro garantendo un risultato ottimale (Avvertenza: per la sistemazione di tasselli, attenersi comunque sempre alle indicazioni del produttore dei tasselli stessi)
- Riduce la dispersione di polveri nell'ambiente di lavoro
- Permette una foratura più veloce ed efficiente grazie all'immediata rimozione del materiale di scarto che nelle punte tradizionali si interpone tra i taglienti e la superficie da forare
- Compatibile con qualsiasi aspiratore reperibile sul mercato (si raccomanda l'utilizzo di aspiratori in classe M per una più efficace riduzione delle polveri nell'ambiente di lavoro)
- La speciale forma della testa a quattro taglienti (per diametri ≤ 28mm) o a 2 taglienti con grandi fori di aspirazione (per diametri ≥ 28mm) evita l'inceppamento della punta anche nei lavori più gravosi di foratura del cemento armato.
- La speciale forma del gambo delle punte con diametro > 28 agevola la centratura del foro e ne migliora la maneggevolezza

- Ideal to work in to reinforced concrete for which the insertion of a chemical anchor is foreseen, this technology avoids the long and laborious cleaning procedure of the hole guaranteeing an optimal and faster result. (Warning: for the installation of dowels, always follow the manufacturer's instructions dowels themselves).
- It reduces the dispersion of dust in the working environment.
- It allows a faster and more efficient drilling due to the immediate removal of the debris which normally interposes between the cutting edges of the drill and the surface to be worked.
- Compatible with any vacuum cleaner available on the market (the use of class M vacuum cleaners is recommended for a more effective reduction of dust in the workplace)
- The head with 4 cutting edges (2 cutting edges for measures ≤ 28mm) avoids the jamming of the tip even in the most difficult jobs of drilling reinforced concrete.
- The special shape of the shank of the drills with a diameter > 28 facilitates the centering of the hole and improves its handling.

Confezione / Packaging



Applicazioni / Applications



Pietre naturali e artificiali
Natural and artificial stones



ADATTATORE PER PUNTE

Connector to the dust aspirator / Connecteur pour le système d'aspiration

Conector para sistema de aspiración / Steckverbindungen für Saugsysteme

SDS PLUS

SDS MAX



Cod.

Attacco
Attachment

03172ADATTSDS

SDS PLUS

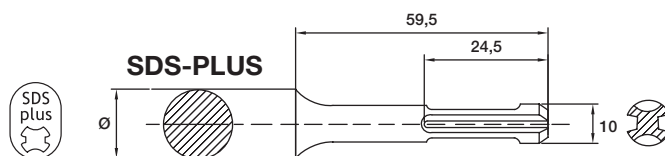
03172ADATTMAX

SDS MAX

SCALPELLI DI QUALITÀ PREMIUM PER MARTELLI ELETTRICI PERFORATORI

Premium quality chisels for electric hammers / Burins et pics pour marteaux perforateurs

Cincels para martillos / Einsteckwerkzeuge für Elektrohämmer



Qualità Premium - Premium performance

Auto affilante
Self-Sharpening

03221

Scalpellini a punta

Pointed chisels / Pics

Punteros / Spitzmeißel

L mm	Ø	cod.
250	14	0322102250



Scalpellini piatti

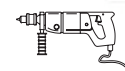
Flat cold chisels / Burins

Cinceles / Flachmeißel

 L mm	L mm	Ø	cod.
20	250	14	0322106020250



Confezione / Packaging



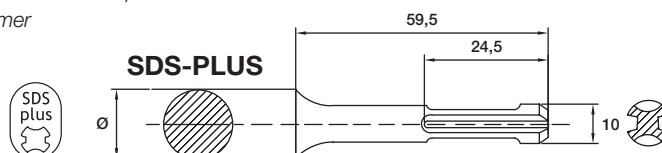
High Quality professional

SCALPELLI DI QUALITÀ PER MARTELLI ELETTRICI PERFORATORI

High quality chisels for electric hammers / Burins et pics pour marteaux perforateurs

Cincels para martillos / Einsteckwerkzeuge für Elektrohämmer

Alta Qualità - High performance



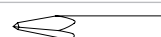
03220



Scalpellini a punta

Pointed chisels / Pics
Puneros / Spitzmeißel

L mm	Ø	cod.
250	14	0322002250



Scalpellini piatti

Flat cold chisels / Burins
Cinceles / Flachmeißel

mm	L mm	Ø	cod.
20	250	14	0322001020250



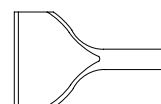
20	250	14	0322006020250
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Scalpellini piatti larghi

Spade chisels / Burins larges
Cinceles anchos / Spatmeißel

mm	L mm	Ø	cod.
40	250	14	0322003040250



mm	L mm	Ø	cod.
40	260	14	0322003040260



mm	L mm	Ø	cod.
22	250	14	0322004022250



22	250	16	0322005022250
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3 pcs



- 250
- 20x250
- 40x250

03281100

Qualità Standard - Standard quality

03222

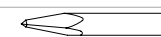
NEW



Scalpellini a punta

Pointed chisels / Pics
Puneros / Spitzmeißel

L mm	Ø	cod.
250	14	0322202250



Scalpellini piatti

Flat cold chisels / Burins
Cinceles / Flachmeißel

mm	L mm	Ø	cod.
20	250	14	0322201020250



Scalpellini piatti larghi

Spade chisels / Burins larges
Cinceles anchos / Spatmeißel

mm	L mm	Ø	cod.
40	250	14	0322203040250
75	160	14	032220775160
40	250	14	032220740250



3 pcs



- 250
- 20x250
- 40x250

03281120

High Quality professional

SCALPELLI DI QUALITÀ PER MARTELLI ELETTRICI PERFORATORI

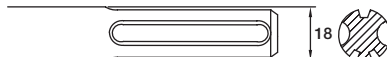
High quality chisels for electric hammers / Burins et pics pour marteaux perforateurs

Cincels para martillos / Einsteckwerkzeuge für Elektrohämmer

Alta Qualità - High performance



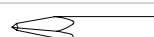
SDS-MAX



Scalpellini a punta

Pointed chisels / Pics
Punteros / Spitzmeißel

L mm	ø	cod.
280	18	0321002280
400	18	0321002400
600	18	0321002600



Scalpellini piatti

Flat cold chisels / Burins
Cinceles / Flachmeißel

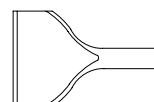
mm	L mm	ø	cod.
27	280	18	0321001027280
27	400	18	0321001027400
27	600	18	0321001027600



Scalpellini piatti larghi

Spade chisels / Burins larges
Cinceles anchos / Spatmeißel

mm	L mm	ø	cod.
50	400	18	0321003050400
80	300	18	0321003080300
115	350	22	0321003115350

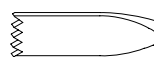


50	300	18	0321003050300
----	-----	----	---------------

10°



38	280	18	0321005038280
----	-----	----	---------------



38	280	18	0321006038280
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Scalpellini a sgorbia

Grooving chisels / Gouges
Rozadores / Hohlmeißel

mm	L mm	ø	cod.
26	300	18	0321004026300
32	300	18	0321004032300
35	380	23	0321007035380



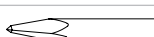
Qualità Standard - Standard quality



Scalpellini a punta

Pointed chisels / Pics
Punteros / Spitzmeißel

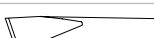
L mm	ø	cod.
280	18	0321002280
400	18	0321002400
600	18	0321002600



Scalpellini piatti

Flat cold chisels / Burins
Cinceles / Flachmeißel

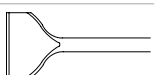
mm	L mm	ø	cod.
25	280	18	0321201025280
25	400	18	0321201025400
25	600	18	0321201025600



Scalpellini piatti larghi

Spade chisels / Burins larges
Cinceles anchos / Spatmeißel

mm	L mm	ø	cod.
50	400	18	0321203050400
75	300	18	0321203075300



03212 NEW



3 pc

400

25x400

50x400

03281121

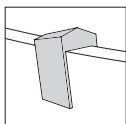
High Quality professional

FRESE PERFORATRICI A TAZZA "IMPACT" PER EDILIZIA PER MARTELLI LEGGERI

Masonry impact core bits for light hammers / Trépans pour marteau léger

Broca corona para martillo / Schlagbohrkronen

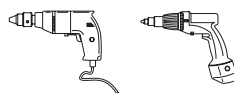
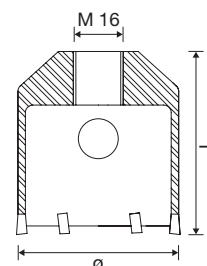
21110 21111



Uso rotopercussione su trapani
e piccoli martelli sino 40 N
Rotary percussion use

Art. 21110

Ø fresa hole cutter	L	Z n. denti tips	pcs	cod.
25	75	4	1	2111002500
30	75	4	1	2111003000
35	75	4	1	2111003500
40	75	4	1	2111004000
45	75	4	1	2111004500
50	75	6	1	2111005000
65	75	6	1	2111006500
80	75	6	1	2111008000
90	75	6	1	2111009000
100	75	8	1	2111010000
112	75	8	1	2111011200
125	80	10	1	2111012500
150	80	12	1	2111015000



Ø ≤ 50 mm 600W
Ø > 50 mm 800W (3J)
F ≤ 40 N

Confezione / Packaging



Applicazioni / Applications



Muro
Masonry



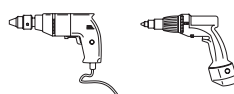
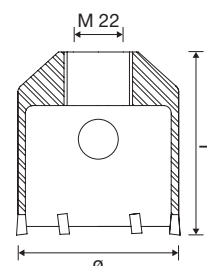
Calcestruzzo
Concrete



Pietre naturali
e artificiali
Natural and
artificial stones

Art. 21111

Ø fresa hole cutter	L	Z n. denti tips	pcs	cod.
50	75	6	1	2111105000
55	75	6	1	2111105500
60	75	6	1	2111106000
65	75	6	1	2111106500
68	75	6	1	2111106800
80	75	6	1	2111108000
90	75	6	1	2111109000
100	75	8	1	2111110000
112	75	8	1	2111111200
125	80	10	1	2111112500
150	80	12	1	2111115000



Ø ≥ 50 mm 800W (3J)
F ≤ 40 N



- Foratura a rotopercussione su trapani e piccoli martelli nel calcestruzzo, cemento, pietre. Massima profondità di foratura 60 mm.
- Use with hammer drills up to 40 N in masonry and concrete (60 mm drill depth).
- Pour percage béton avec marteau léger (40 N Max).
- Coronas para construccion, hormigon-piedra con martillo 40 N max.
- Für Beton und Mauerwerk mit Bohrhammer bis max 40 N.

GAMBI PER FRESE PERFORATRICI A TAZZA "IMPACT"

Chucking shanks for "Impact" core bits / Arbres de montage pour trépan "Impact"

Husillos para coronas perforadoras "Impact" / "Impact" Frärschäfte

Gambo esagonale - Hex. shank



Gambo SDS PLUS - SDS PLUS shank



Gambo SDS MAX* - SDS MAX shank*



* Usare solo per materiali da costruzione leggeri come arenaria, mattoni forati. Non usare per cemento armato, calcestruzzo e pietre.
Use with light building materials only.

Cod.

Attacco filettato
Thread attachment

Lunghezza tot.
Overall length

21115501 M 16 x 2 100 mm

21115502 M 16 x 2 220 mm

21115503 M 16 x 2 370 mm

21115521 M 22 x 2,5 100 mm

21115522 M 22 x 2,5 220 mm

21115523 M 22 x 2,5 370 mm

21115504 M 16 x 2 100 mm

21115505 M 16 x 2 220 mm

21115507 M 16 x 2 370 mm

21115509 M 16 x 2 460 mm

21115524 M 22 x 2,5 100 mm

21115525 M 22 x 2,5 220 mm

21115527 M 22 x 2,5 370 mm

21115529 M 22 x 2,5 460 mm

21115510 M 16 x 2 370 mm

21115520 M 22 x 2,5 370 mm

Punta pilota - Pilot drill



21115506

Ø 8 x 120

ESPOSITORE FRESE "IMPACT" PER EDILIZIA

Masonry core bits set / Assortiments trépan pour marteau léger

Surtido brocas coronas para martillo / Schlagbohrkronen Sortimente



Cod.

Attacco filettato
Thread attachment

21116112

Ø 30 ÷ 100 mm 24 pcs

21110

M 16



Ø pcs 30 35 40
1 1 1

21111

M 22



Ø pcs 50 65 80 90 100
1 1 1 1 1

21115501	(M 16)		L = 100 mm N° 1 pc
21115502	(M 16)		L = 220 mm N° 1 pc
21115521	(M 22)		L = 100 mm N° 1 pc
21115522	(M 22)		L = 220 mm N° 1 pc
21115504	(M 16)		L = 100 mm N° 1 pc
21115505	(M 16)		L = 220 mm N° 1 pc
21115524	(M 22)		L = 100 mm N° 1 pc
21115525	(M 22)		L = 220 mm N° 1 pc
21115506			Ø = 8 mm N° 8 pcs

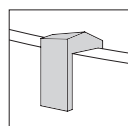
High Quality professional

CORONE PERFORATRICI PER EDILIZIA CON ATTACCO CONICO PER MARTELLI PESANTI

Hammer core bits with taper chucking - Trépans marteau pour béton cône 1/8

Brocas coronas para martillo potente, mango conico - Hammerbohrkronen mit Konus-Verbindung 1:8

21120



Attacco conico 1:8
1:8 taper attachment

Confezione / Packaging



Applicazioni / Applications



Muro
Masonry



Calcestruzzo
Concrete



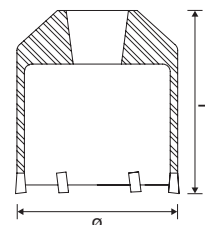
Pietre naturali
e artificiali
Natural and
artificial stones

- Grandi rendimenti nel calcestruzzo, muro, pietre calcaree.
- High performances in masonry- concrete, sand-lime brick, natural stone.
- Haute rendement en béton-carrelage.
- Elevado rendimiento in hormigon, piedra.
- Einsatz in Bohrhämmer für Beton, Mauerwerk, Naturstein.

Use rotopercolazione su trapani pesanti > 45 N e con potenza > 900W (fino a 1500W)
Hammer drill use > 45 N and electrical power > 900W



Ø corona core bit	L	Z n. denti tips	pcs	cod.
35	100	4	1	2112003500
40	100	5	1	2112004000
45	100	5	1	2112004500
50	100	6	1	2112005000
60	100	6	1	2112006000
66	100	7	1	2112006600
70	100	8	1	2112007000
80	100	8	1	2112008000
90	100	8	1	2112009000
100	100	10	1	2112010000
110	100	12	1	2112011000
125	100	12	1	2112012500
130	100	12	1	2112013000
150	100	14	1	2112015000



Asta porta corona senza asola - Shank without slot

SDS Max	Cod.	L (mm)
	21130211	250
	21130220	450
	21130225	600

Millerighe Ø 19,3 mm Large spline shank	Cod.	L (mm)
	21130235	250
	21130245	600

HEX SW 13	Cod.	L (mm)
	21130255	250
	21130260	450
	21130265	600

Asta porta corona con asola - Shank with slot

SDS Max	Cod.	L (mm)
	21130011	250
	21130020	450
	21130025	600

Millerighe Ø 19,3 mm Large spline shank	Cod.	L (mm)
	21130035	250
	21130040	450
	21130045	600

HEX SW 13	Cod.	L (mm)
	21130055	250
	21130060	450
	21130065	600

Punta pilota - Pilot drill

	Cod.	Ø (mm)
	21130110	12x135

Estrattore per punta pilota - Drill drift

	Cod.
	281580102

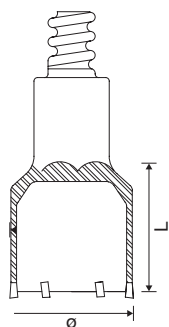
CORONE PERFORATRICI PER EDILIZIA CON ATTACCO FILETTATO LARGO PER MARTELLI PESANTI

Hammer core bits with special threaded shank / Trépans marteaux pour béton avec queue fileté

Brocas coronas para martillo potente, mango roscado / Hammerbohrkronen mit gewindeaufnahme



Robusti, potenti, facili da montare e smontare
Strong and powerful, easy to fit and remove



Ø corona core bit	L	pcs	cod.
45	80	1	2113104500
50	80	1	2113105000
55	80	1	2113105500
82	80	1	2113108200
150	80	1	2113115000

21131

Asta porta corona - Shank

SDS Max



Cod.

2113220

L (mm)

460

Punta pilota Ø 11,5 - Pilot drill



Cod.

2113270

Ø x L

11,5x136

Confezione / Packaging



Applicazioni / Applications



Calcestruzzo



Pietre naturali e artificiali
Natural and artificial stones

- L'attacco filettato molto robusto permette una versatilità d'uso sui diversi martelli. Grandi rendimenti nel calcestruzzo, muro, pietre calcaree. Speciale per passaggio tubi.
- High performances with hammer drills for cutting masonry, concrete, natural stone.
- Haute rendement et versatilité en percage béton avec marteau.
- Coronas potente en cortar a forte percusion hormigón, cemento.
- Einsatz in Bohrhammer für Beton, Mauerwerk, Naturstein.



Uso rotopercolazione
su martelli pesanti.
Hammer drill use.

High Quality professional

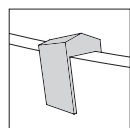
CORONE PERFORATRICI PER EDILIZIA CON FILETTO A MOLLA PER MARTELLI PESANTI SDS-MAX

Hammer core bits with spring thread for hammer SDS-MAX / Trépans marteau pour béton avec filet à ressort pour marteaux SDS MAX/

Coronas perforadoras para martillo SDS-MAX con rosca e resorte de acoplamiento



21122



Uso rotopercussione su trapani pesanti > 45 N e con potenza > 900W
Hammer drill use > 45 N and electrical power > 900W

Ø mm	L mm	Z n. denti tips	pcs	cod.
40	100	5	1	2112204000
50	100	6	1	2112205000
60	100	6	1	2112206000
66	100	7	1	2112206600
70	100	8	1	2112207000
80	100	8	1	2112208000
90	100	8	1	2112209000
100	100	10	1	2112210000
110	100	12	1	2112211000
125	100	12	1	2112212500
150	100	14	1	2112215000

Asta porta corona - Shank

SDS Max Con molla - With spring



Cod. L (mm)

21130300 250

21130305 450

21130310 600

Molla di accoppiamento - Coupling spring



Cod.

21130316

Punta pilota - Pilot drill



Cod. Ø (mm)

21130315 12x135

Estrattore per punta pilota - Drill drift



Cod. Ø x L (mm)

21130317 9,5x100

Espositore corone perforatrici per edilizia con filetto a molla - Hammer core bits with spring thread set



Cod.

21116117
29 pcs
Ø 40÷100

Composizione
Description



Ø 40-50-60-66
80-90-100 (1x)



21130300 (3x)
21130305 (3x)



21130315 (6x)



21130316 (10x)

Confezione / Packaging



Applicazioni / Applications



Muro
Masonry



Calcestruzzo
Concrete



Pietre naturali
e artificiali
Natural and
artificial stones

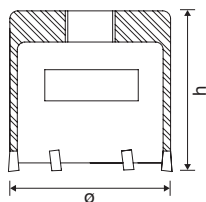
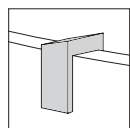
- Grandi rendimenti nel calcestruzzo, muro, pietre calcaree. Corona sempre smontabile grazie alla molla di accoppiamento.
- High performances in masonry- concrete, sand-lime brick, natural stone. Easy removable core bits thanks to the coupling spring.
- Haute rendement en béton-carrelage. Trépans marteaux toujours démontable par le ressort.
- Elevado rendimiento in hormigon, piedra. Corona perforadora siempre desmontable por el resorte de acoplamiento.

FRESE PERFORATRICI A TAZZA CON TAGLIENTI IN METALLO DURO PER EDILIZIA

Carbide tipped hole cutters for masonry, rotation only / Scies trepans pour beton à rotation uniquement

Coronas para construccion, dientes de metal duro / H.M. Lochsäge für Fliesen, Mauerwerk, Leichtbaustoffe

21015



Ø Fresa Hole cutter	h Altezza tazza Cup	Z N. denti Tips	d Gambo Shank	pcs	cod.
16	40	2	10	1	2101501600
22	40	3	10	1	2101502200
25	40	3	10	1	2101502500
27	40	3	10	1	2101502700
30	40	4	10	1	2101503000
35	40	4	10	1	2101503500
38	40	5	10	1	2101503800
40	40	5	10	1	2101504000
45	40	5	10	1	2101504500
50	40	6	10	1	2101505000
55	40	6	12	1	2101505500
60	40	7	12	1	2101506000
65	40	7	12	1	2101506500
70	40	8	12	1	2101507000
80	40	9	12	1	2101508000
85	40	10	12	1	2101508500
100	40	11	12	1	2101510000
125	40	12	12	1	2101512500
150	40	15	12	1	2101515000

Confezione / Packaging



Applicazioni / Applications



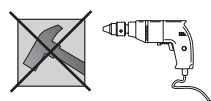
- Forano a **sola rotazione** calcestruzzo leggero, muro, piastrelle, ceramica, laminati plastici. Adatti per fori precisi a pavimento di porte blindate, fori per condotte, scatole di derivazione, etc...

- **Rotary use** in masonry, tiles, light construction materials.

- Trépans à utiliser **en rotation**, pour couper le sol pour les portes blindées, boîtes de déviation, etc.

- Para cortar **a rotacion** muro, ladrillos, ceramica, cemento.

- Drehend Einsatz für Mauerwerk, Leichtbaustoffe, Fliesen.



Utilizzo a rotazione
Rotary use only

Gambo - Arbor

3 Pianetti / 3 Flats



Cod.

Per frese
Fit hole cutters

d

M

21020100 Ø 16 ÷ 35 10 12x1,25

21020101 Ø 38 ÷ 150 12 16x1,5

Punta pilota - Pilot drill



Cod.

Per frese
Fit hole cutters

d

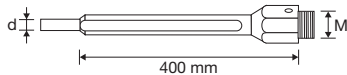
Ø mm

21020110 Ø 16 ÷ 50 5,85 6

21020111 Ø 55 ÷ 150 7,25 8

Prolunga 400 mm - Extension

3 Pianetti / 3 Flats



Cod.

Per frese
Fit hole cutters

d

M

21020120 Ø 16 ÷ 50 12 12x1,25

21020121 Ø 55 ÷ 150 12 16x1,5

Set frese a tazza per impiantisti, idraulici, etc.
Hole cutters set for journeymen and plumbers.
Jeu de scie trépans pour ouvriers spécialistes et plombiers. / Juego de coronas perforadoras para obreros especialistas y fontaneros.
Lochsägensortiment für Facharbeiter und Installateurs.

Cod.

21030300

8 pcs

Ø 16 22 25 27 30 35 40 50

Cod.

21030301

6 pcs

Ø 16 22 25 27 30 35

Cod.

21030110

12 pcs

Ø 22 25 27 30 35 38 40

45 50 55 60 65



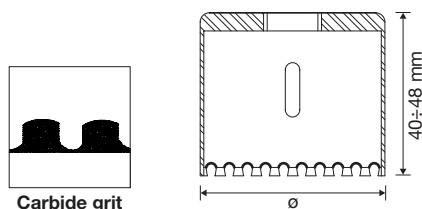
High Quality professional

FRESE A TAZZA CON DENTI RIVESTITI IN CARBURO DI TUNGSTENO IN GRANI

Carbide grit hole saws, high quality / Scies trépan au carbure de tungstène

Coronas de carburo de tungsteno / H.M. Lochsäge

21105



Art. 21135 Self
Disponibile su richiesta / On demand

Confezione / Packaging



Applicazioni / Applications



Ceramica
Ceramics



Pietre naturali
Marmo
Stones
Marble

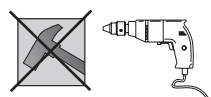


Piastrelle
Mattoni
durissimi
Tiles
Hard burnt
brick



Fibra di vetro
Laminati
plastici
Fiberglass

- Per tagliare: Ceramica, gres, granito, marmo, ardesia, fibre di vetro, ghisa, laminati e tutti i materiali abrasivi. Max profondità di foratura: 40 mm.
- Cuts: Ceramic tile, laminates, composition board, marble, fiberglass, cast iron, and other abrasive materials. Maximum cutting depth: 40 mm.
- Pour percer: Ceramic, marbre, fonte, tous les matériaux abrasifs. Profondeur de coupe: 40 mm.
- Aplicaciones: gres, marmol, ladrillo, fibra cemento, aglomerados, fibra de vidrio, todos los materiales abrasivos. Profundidad de corte: 40 mm.
- Allgemeinen Einsatz in Beton leicht armierten Beton, Klinker, Fliesen, Mauerwerk, Kalksandstein. Maximale Bohrtiefe: 40 mm.



Utilizzo a rotazione
Rotary use only

Ø mm	Pollici inch	d Filetto Thread	pcs 	cod.
16	5/8	UNF 1/2 x 20	1	2110501600
19	3/4		1	2110501900
20	-		1	2110502000
22	7/8		1	2110502200
25	1"		1	2110502500
29	1-1/8		1	2110502900
32	1-1/4	UNF 5/8 x 18	1	2110503200
35	1-3/8		1	2110503500
38	1-1/2		1	2110503800
44	1-3/4		1	2110504400
48	1-7/8		1	2110504800
51	2"		1	2110505100
54	2-1/8		1	2110505400
57	2-1/4		1	2110505700
60	2-3/8		1	2110506000
64	2-1/2		1	2110506400
70	2-3/4		1	2110507000
76	3"		1	2110507600
83	3-1/4		1	2110508300
86	3-3/8		1	2110508600
95	3-3/4		1	2110509500
102	4"		1	2110510200
114	4-1/2		1	2110511400



Per frese - Fit hole saws

	Ø	cod.
	16 ÷ 29	210706519
	32 ÷ 114	210706546

Punta pilota - Pilot drill

	Ø	cod.
	6,3 mm Ø 7x80	21020112



03121002

ASSORTIMENTI FRESE A TAZZA CON DENTI RIVESTITI IN CARBURO DI TUNGSTENO IN GRANI

Carbide grit hole saws, high quality / Scies trépan au carbure de tungstène

Coronas de carburo de tungsteno / H.M. Lochsäg

HSS-G DIN 338



cod. 21107301

Composizione:

6 pcs Art. 21105: Ø 16, 20, 22, 25, 32, 35 mm (1x)

Art. 210706519: (Ø 16÷29 N. 1 pc)

Art. 210706546: (Ø 32÷114 N. 1 pc)

cod. 21107300

Composizione:

8 pcs Art. 21105: Ø 16, 20, 22, 25, 32, 35, 38, 51 mm (1x)

Art. 210706519: (Ø 16÷29 N. 1 pc)

Art. 210706546: (Ø 32÷114 N. 1 pc),



cod. 21107600

Composizione:

10 pcs Ø 33, 53, 67, 73, 83 mm (1x)



FRESA A TAZZA MULTIPLA PER EDILIZIA IN CARBURO DI TUNGSTENO IN GRANI

Multiple sizes carbide grit hole saw

21108



Standard quality

Ø mm	d mm	pcs /	cod.	
33-43-53-67-83	10	1	21108100	

Confezione / Packaging



High Quality professional

FRESA A TAZZA A CORONA CONTINUA PER IL TAGLIO DEL GRES PORCELLANATO E DEI MATERIALI EDILI DURISSIMI

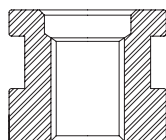
Diamond drill bit and core drills with continuous edge for sandware and very strong building materials / Forets diamantées et scies trépan avec couronne continue pour grès céram et matériaux de construction très durs / Brocas diamantados y coronas perforadoras con corona continua para gres porcelánico y materiales de construcción durísimos / Diamantbesetzter Spiralbohrer und Lochsägen mit endloser Kranz für Feinsteinzeug und sehr harte Baumaterialien



21106

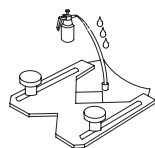
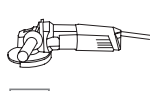


Matrice metallica
altofondente brasata
che trattiene i diamanti
a grana medio-fine
The high-melting brazed
bond keeps medium-fine
grain diamonds



Attacco M14
speciale per
smerigliatrici angolari
M14 shank
M14 shank to fit angular
grinding machine

Massima profondità di foratura 10 mm.
Velocità di rotazione consigliata
10.000-13.000 giri/min.



PRCD



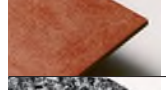
Applicazioni / Applications



Gres porcellanato
Sandware/Grès céram/
Gres porcelánico



Gres smaltato
Glazed sandstone/Grès
émaillé/Gres esmaltado



Gres
Sandstone/Grès/Gres
Fragranite®/Clinker



Marmo
Marble/Marbre
Mármol



Piastrella standard
Standard ceramics/Carrelage
standard/Azulejo estándar

Ø mm	Pollici inch	L	pcs	cod.
*6	15/64	62	1	211060600
*8	5/16	62	1	211060800
*10	25/64	62	1	211061000
*12	15/32	62	1	211061200
*14	35/64	62	1	211061400
*16	5/8	62	1	211061600
*18	23/32	62	1	211061800
20	25/32	60	1	211062000
22	7/8	60	1	211062200
25	1"	60	1	211062500
28	1-1/16	60	1	211062800
30	1-3/16	60	1	211063000
32	1-1/4	60	1	211063200
35	1-3/8	60	1	211063500
40	1-9/16	60	1	211064000
45	1-49/64	60	1	211064500
50	2"	60	1	211065100
55	2-11/64	60	1	211065500
60	2-3/8	60	1	211066000
65	2-9/16	60	1	211066500
67	2-5/8	60	1	211066700
70	2-3/4	60	1	211067000
80	3-5/32	60	1	211068000
90	3-9/16	60	1	211069000
100	4"	60	1	2110610000

*Con cera vegetale all'interno - With internal coolant



cod. 21103315

Composizione:
5 pcs Ø 6, 8, 10, 12, 14 mm



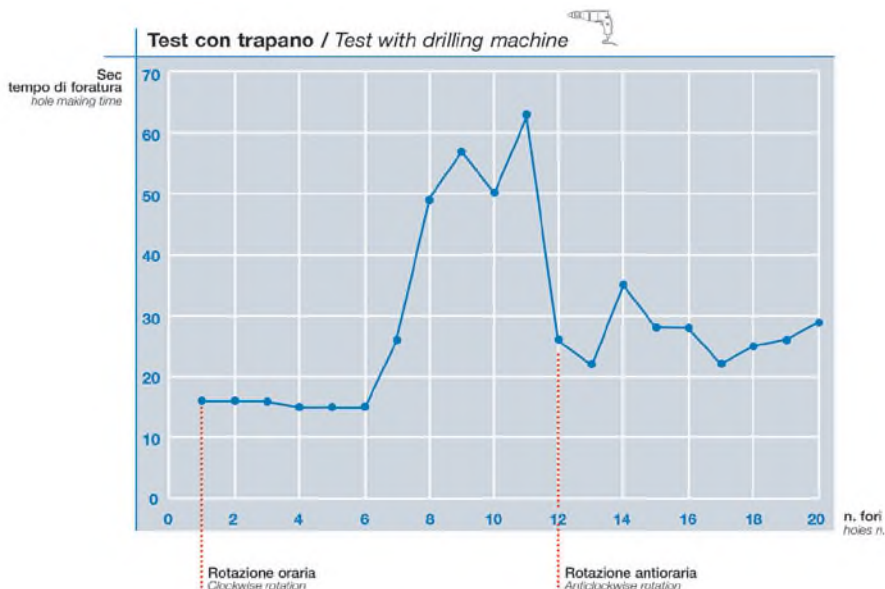
cod. 21103310

Composizione:
6 pcs Ø 22, 35, 40, 45, 50,
67 mm

Prestazioni di una fresa diamantata di Ø 6 mm a corona continua nella foratura di una piastrella in gres porcellanato con raffreddamento ad acqua: invertendo periodicamente il senso di rotazione della fresa da orario ad antiorario si ravvivono i diamanti e la fresa continua a lavorare per un ciclo di vita utile più lungo.

Nel grafico si mostra come, all'inversione del senso di rotazione, la fresa completa il foro con un tempo comparabile ai primi fori effettuati quando l'utensile era nuovo.

Performances of Ø 6 mm diamond core bit with continuous edge when water cooled cutting into sandware: if you cyclically change from clockwise to anti-clockwise rotation you can revive the diamonds thus assuring a longer tool life. Here below the graphics that shows you that, starting the anti-clockwise rotation, the tool can complete the hole briefly, just as it were new.



PUNTA DIAMANTATA A CORONA CONTINUA PER IL TAGLIO A SECCO E UMIDO DEL GRES PORCELLANATO E DI TUTTE LE PIASTRELLE

Diamond drill bit with continuous edge for dry cutting of sandware and very hard building materials / Forets diamantées avec couronne continue pour percer à sec grès céram et matériaux de construction très durs / Brocas diamantados con corona continua para taladrar en seco gres porcelánico y materiales de construcción durísimos / Diamantbesetzter Spiralbohrer mit endloser kranz für Feinsteinzeug und sehr harte Baumaterialien.



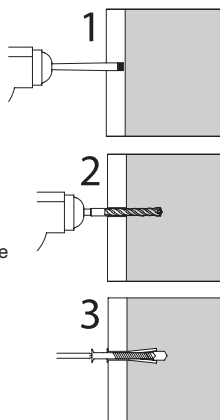
03122



Refrigerante vegetale
Internal cooling system

Matrice metallica
altofondente brasata
che trattiene i diamanti
a grana medio-fine
The high-melting brazed
bond keeps medium-fine
grain diamonds

Ø mm	d	L	pcs	cod.
5	9,5	70	1	031220500
6	9,5	70	1	031220600
8	9,5	80	1	031220800
10	9,5	80	1	031221000
12	9,5	80	1	031221200
14	12,5	80	1	031221400
16	12,5	80	1	031221600
18	12,5	80	1	031221800
20	12,5	80	1	031222000
22	12,5	80	1	031222200
25	12,5	80	1	031222500



Foratura a secco a sola rotazione. Funzionamento ottimale su pareti verticali (ottimizzato il sistema di refrigerazione interna). Si consiglia di non asportare la carota, che funge da tappo-dosatore per il refrigerante. **L'utilizzo con refrigerazione ad acqua allunga la vita utile dell'utensile.**

Dry cutting, rotation use only. Best performances on walls to better fit the internal cooling system. Do not remove the deposits: they work as a plug to stop the lubricant. **Water cooling extends the tool life cycle.**

Istruzioni d'uso: Iniziare il taglio inclinando la fresa di 30° per agevolare la centratura (oppure utilizzare l'apposita guida). Portarsi gradualmente in posizione verticale. Usare una velocità di taglio di 1000÷3000 giri/min in funzione del diametro decrescente della fresa. Durante il taglio applicare un lieve movimento circolare per agevolare l'evacuazione dei detriti. Invertendo periodicamente il senso di rotazione della fresa, si ravvivano i diamanti e si allunga la vita utile dell'utensile. Utilizzando trapani elettrici e raffreddando ad acqua, dotarsi di dispositivo PRCD.

Nel caso si voglia inserire un tassello⁽³⁾, terminato il taglio nel gres⁽¹⁾, continuare con una punta per muro tradizionale a rotazione⁽²⁾.

Use tips: To achieve an easy centering, please start the cut at 30° (or use the proper guide) and then go on vertically. Use 1000÷3000 rpm as cutting speed, depending on the decreasing tool diameter. Please use a circular movement during cutting to better evacuate the deposits. For longer tool life, please use alternatively right and left hand rotation. When water cooling, always use PRCD safety system.

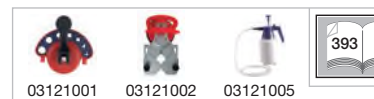
Applicazioni / Applications

	Gres porcellanato Sandware/Grès céram/ Gres porcelánico
	Gres smaltato Glazed sandstone/Grès émaillé/Gres esmaltado
	Gres Sandstone/Grès/Gres Fragranite®/Clinker
	Marmo Marble/Marbre Mármol
	Piastrina standard Standard ceramics/Carrelage standard/Azulejo estándar

Utilizzando trapani elettrici adottare il sistema di sicurezza PRCD
PRCD safety system
Système de sécurité PRCD
Dispositivo de seguridad PRCD



A SECCO
DRY CUTTING
(REFRIGERANTE VEGETALE)



cod. 03120300

Composizione:
15 pcs Ø 5÷25 mm

Ø	5	6	8	10	12	14	16	18	20	22	25
pcs	2	2	2	2	1	1	1	1	1	1	1

cod. 03120301

Composizione:
15 pcs Ø 5÷25 mm

Ø	5	6	8	10	12	14	16	20
pcs	1	2	2	2	1	1	1	1



cod. 03120210

Composizione:
3 pcs Ø 6, 8, 10 mm

High Quality professional

PUNTA DIAMANTATA E FRESE A TAZZA A CORONA CONTINUA PER IL TAGLIO DEL GRES PORCELLANATO E DEI MATERIALI EDILI DURISSIMI

Diamond drill bit and core drills with continuous edge for sandware and very strong building materials / Forets diamantées et scies trépan avec couronne continue pour grès céram et matériaux de construction très durs / Brocas diamantados y coronas perforadoras con corona continua para gres porcelánico y materiales de construcción durísimos / Diamantbesetzter Spiralbohrer und Lochsägen mit endloser Kranz für Feinsteinzeug und sehr harte Baumaterialien



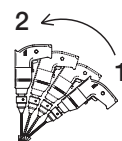
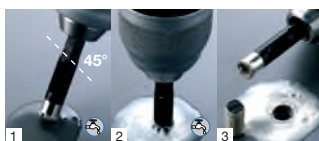
03117



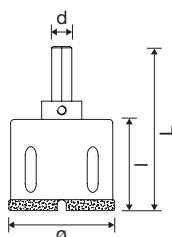
Matrice metallica
altofondente brasata
che trattiene i diamanti
a grana medio-fine
The high-melting brazed
bond keeps medium-fine
grain diamonds

Ø mm	d mm	L mm	pcs	cod.
5	9,5	56	1	031170500
6	9,5	56	1	031170600
7	9,5	56	1	031170700
8	9,5	56	1	031170800
10	9,5	56	1	031171000
12	9,5	56	1	031171200
14	9,5	56	1	031171400

Confezione
Packaging

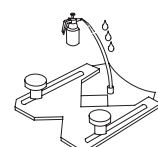


21104



Ø mm	d mm	L mm	I mm	pcs	cod.
16	12,5	90	50	1	211041600
18	12,5	90	50	1	211041800
20	12,5	90	50	1	211042000
22	12,5	90	50	1	211042200
25	12,5	90	50	1	211042500
28	12,5	90	50	1	211042800
30	12,5	90	50	1	211043000
32	12,5	90	50	1	211043200
35	12,5	90	50	1	211043500
40	12,5	90	50	1	211044000
45	12,5	90	50	1	211044500
50	12,5	90	50	1	211045000
60	12,5	90	50	1	211046000
65	12,5	90	50	1	211046500
67	12,5	90	50	1	211046700
70	12,5	90	50	1	211047000
80	12,5	90	50	1	211048000

Confezione
Packaging



Applicazioni / Applications

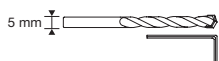
	Gres porcellanato Sandware/Grès céram/ Gres porcelánico
	Gres smaltato Glazed sandstone/Grès émaillé/Gres esmaltado
	Gres Sandstone/Grès/Gres Fragranite®/Clinker
	Marmo Marble/Marbre Mármol
	Piastrella standard Standard ceramics/Carrelage standard/Azulejo estándar



FORATURA AD ACQUA
WET DRILLING
PERÇAGE À EAU
PERFORACIÓN CON AGUA



Utilizzando trapani elettrici adottare
il sistema di sicurezza PRCD
PRCD safety system
Système de sécurité PRCD
Dispositivo de seguridad PRCD



Punta pilota
Pilot drill

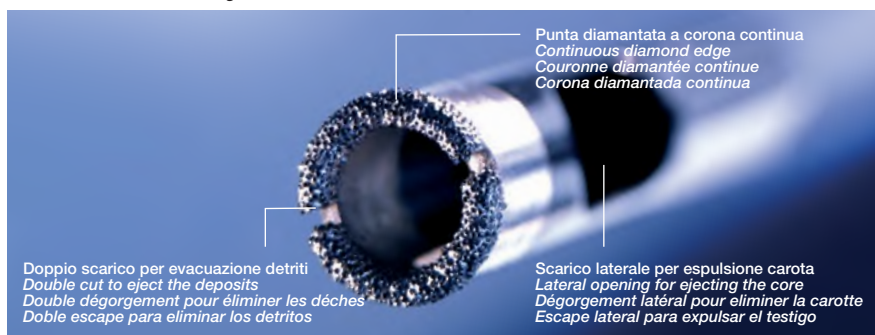
Ø 6x100 21020113

Si sconsiglia l'uso della punta pilota come centraggio nel gres porcellanato; la dima a ventosa consente un'agevole centratura e sicurezza di taglio.

We dissuade to use the pilot drill as centering into sandware; the suction guide allows an easy centering with a safe cut.

Nous déconseillons l'utilisation du foret pilote pour le centrage pendant grès céram; la guide a ventouse permet une facile centrage et une perçage en sécurité.

Disuadimos de utilizar la broca pilota como centradora en gres porcelánico; la guía permite una fácil centratura con un corte en seguridad.



Diametro fresa Core drill diameter	5÷7	8÷10	12÷14	16÷25	28÷35	40÷50	60÷80
Velocità giri/min. Speed r.p.m.	3000	2000	1500	1000	600	400	300

ASSORTIMENTI FRESE A TAZZA DIAMANTATE **Keramaster®**

"Keramaster®" diamond core drills sets / Jeux de fraises diamants "Keramaster®"

Juegos de coronas diamantadas "Keramaster®"



3 pcs
Ø 6-8-10 mm

03120199

4 pcs
Ø 5-6-8-10 mm

03120200

5 pcs
Ø 5-6-8-10-12 mm

03120201



6 pcs
Ø 16-22-25-28-30-35

21103300



230x510x170



Retrodidattica
Back side

03120101

Ø 5÷14 **36 pcs**
Ø/pcs 5/8 - 6/8 - 7/3 - 8/6
10/5 - 12/3 - 14/3

03120100

Ø 5÷14 **30 pcs**
Ø/pcs 5/6 - 6/6 - 7/2 - 8/6
10/5 - 12/3 - 14/2



400x650x320

21103100

Ø 5÷35 **21 pcs**
Ø 5-6-7-8-10-12-14 (2x)
Ø 16-20-25-28-30-32-35 (1x)

21103101

Ø 5÷80 **29 pcs**
Ø 5-6-7-8-10-12-14
16-18-20-25-30 (2x)
Ø 35-50-60-65-80 (1x)

Dima a ventosa per forare

Drilling suction cup / Guide ventouse à percer
Guía ventosa para taladrar

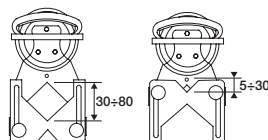


7 fori/fraises
Ø 4-5-6-7-8-10-12 mm

03121001

Dima a ventosa regolabile per forare

Drilling suction cup / Guide ventouse à percer
Guía ventosa para taladrar



03121002

Bottiglia per refrigerazione

Cooling bottle / Bouteille à réfrigérer
Contenedor para refrigeración



03121005

Taglio preciso e pulito con trapani e con raffreddamento ad acqua in tutti i materiali edili difficili da lavorare: gres porcellanato, gres smaltato, marmo, granito, ceramica, ardesia, materiali compositi quali poliestere, fibre di vetro, ecc. Nel caso si voglia inserire un tassello, terminato il taglio nel gres, continuare con una punta per muro tradizionale a rotopercolazione. Per idraulici, installatori, elettricisti, ecc. / For an accurate and sharp cut with drilling machines of all hard materials: sandware, glazed sandstone, marble, granite, ceramics, slate, composites such as polyester, fiber glass, etc. Ideal for plumbers, journeymen, electricians, etc. Water cooling. / Pour une coupe soignée et nette avec perceuses de tous les matériaux durs: grès céram, grès émaillé, marbre, granit, céramique, ardoise, matériaux composites comme polyester, fibre de verre, etc. Pour plombiers, installateurs et électriciens. Refroidissement à eau. / Para un corte exacto y limpio con taladros de todos los materiales duros: gres porcelánico, gres esmaltado, mármol, cerámica, pizarra, materiales compuestos como poliéster, hebra de vidrio, etc. Ideal para hidráulicos, instaladores, electricistas. Refrigeración por agua.

High Quality professional

PUNTA DIAMANTATA A CORONA CONTINUA PER IL TAGLIO DI **PIASTRELLE, GRES E DEI MATERIALI DURI**

Diamond drill bit with continuous edge for sandware and strong building materials / Forets diamantées avec couronne continue pour grès et matériaux de construction durs / Broca diamantada con corona continua para gres y materiales de construcción duros / Diamantbesetzter Spiralbohrer mit endloser Kranz für Feinsteinzeug und sehr harte Baumaterialien



Standard quality

03125



Matrice metallica **elettrodepositata** che trattiene diamanti a grana fine.
The **electroplated** bond keeps fine grain diamonds.

Ø mm	d mm	L	pcs	cod.
5	6	65	1	031250500
6	6	65	1	031250600
8	6	65	1	031250800
10	6	65	1	031251000
12	6	65	1	031251200
14	6	65	1	031251400



FORATURA AD ACQUA
WET DRILLING
PERÇAGE À EAU
PERFORACIÓN CON AGUA

Utilizzando trapani elettrici adottare il sistema di sicurezza **PRCD**
PRCD safety system
Système de sécurité PRCD
Dispositivo de seguridad PRCD

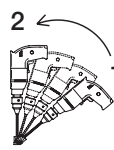
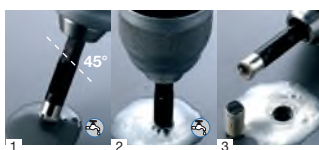


PRCD

- La corona diamantata a spessore sottile garantisce tagli senza sbavature. Questa caratteristica agevola i lavori di foratura su piastrelle dure in posa, dove sia necessario realizzare un foro pulito, senza scheggiare la piastrella.
- The thin diamond continuous edge guarantees cuts without smudging. This feature facilitates the drilling work on hard tiles in laying, where it is necessary to make a clean hole, without splintering the tile.
- La couronne en diamant mince garantit des coupes sans bavures. Cette caractéristique facilite le travail de perçage sur des dalles dures en pose, où il est nécessaire de faire un trou propre, sans fendre la dalle.
- La corona de diamante de calibre delgado garantiza cortes sin manchas. Esta característica facilita el trabajo de perforación en las baldosas duras en el tendido, donde es necesario hacer un agujero limpio, sin astillar la baldosa.

Applicazioni / Applications

Diametro fresa Core drill diameter	5÷7	8÷10	12÷14
Velocità giri/min. Speed r.p.m.	3000	2000	1500



	Gres Sandstone/Grès/Gres Fragranite®/Clinker
	Marmo Marble/Marbre Mármol
	Piastrella standard Standard ceramics/Carrelage standard/Azulejo estándar

DISCHI DIAMANTATI PER **GRES PORCELLANATO, CERAMICA E PIASTRELLE IN GENERE**

Diamond discs for sandware, tiles and ceramics / Disques diamant pour grès, carrelage et céramiques

Discos diamantados para gres porcelánico, azulejos y ceramicas / Diamanttrennscheiben für das emailliert Steingut, Fliesen und Ton

**PROFESSIONAL
SUPER**

**SPECIALE GRES PORCELLANATO
SPECIAL GRES**

Corona Turbo - Turbo continuous rim - Couronne continue Turbo - Corona continua Turbo

03515



Ø mm	d	cod.
115	22.2	03515115



Confezione
Packaging



Applicazioni / Applications

	Gres porcellanato Sandware/Grès céram/ Gres porcelánico		Gres smaltato Glazed sandstone/Grès émaillé/Gres esmaltado		Gres Sandstone/Grès/Gres Fragranite®/Clinker		Marmo Marble/Marbre Mármol		Piastrella standard Standard ceramics/Carrelage standard/Azulejo estándar
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- Taglio preciso e pulito in tutti i materiali edili difficili da lavorare: gres porcellanato, gres smaltato, marmo, granito, ceramica, ardesia etc.
- For an accurate and sharp cut of all hard materials: sandware, glazed sandstone, marble, granite, ceramics, slate etc.
- Pour une coupe soignée et nette de tous les matériaux durs: grès porcelanato, grès émaillé, marbre, granit, céramique, ardoise etc.
- Para un corte exacto y limpio de todos los materiales duros: gres porcelánico, gres esmaltado, mármol, ceramica, pizarra etc.
- Für einen sauberen und genauen Schnitt von allen harten Materialien: Feinsteinzeug, glasiertem Steinzeug, Marmor, Granit, Keramik, Schiefer.

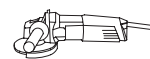
DISCHI DIAMANTATI PER MATERIALI EDILI

Diamond discs for building materials / Disc diamantes pour batiment

Discos diamantados para construcciones / Diamanttrennscheiben für Baumaterialien

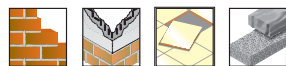
PROFESSIONAL

**PROFESSIONAL
SUPER**



PRCD

Corona Turbo - Turbo continuous rim - Couronne continue Turbo - Corona continua Turbo



Muro - Cemento - Piastrelle - Pietre naturali / Masonry - Concrete - Tiles - Natural stones
Béton - Ciment - Carrelage - Pierres naturelles / Hormigon - Concreto - Azulejos - Piedras naturales



03405

03505



Ø
mm

d

cod.

cod.

115

22.2

03405115

03505115

230

22.2

03405230

03505230



Corona continua - Continuous rim - Couronne continue - Corona continua



Ceramica - Marmo - Pietre naturali / Ceramics - Marble - Natural stones
Céramique - Marbre - Pierres naturelles / Ceramica - Marbol - Piedras naturales



03400

03500



Ø
mm

d

cod.

cod.

115

22.2

03400115

03500115

230

22.2

03400230

03500230



Corona segmentata - Segmented rim - Couronne segmentée - Corona segmentada



Muro - Cemento - Marmo - Pietre naturali / Masonry - Concrete - Marble - Natural stones
Béton - Ciment - Marbre - Pierres naturelles / Hormigon - Concreto - Marbol - Piedras naturales



03410

03510



Ø
mm

d

cod.

cod.

115

22.2

03410115

03510115

230

22.2

03410230

03510230



N. 1 cod. 03405115 TURBO

N. 1 cod. 03400115 CONTINUE

N. 1 cod. 03410115 SEGMENTED

cod. 03412100

fam. code	img.	DIN	
03090 03092		8039 8039	
03094 03096		8039 8039	
03098		-	
03157 03157		- -	KSL
03147		-	
SET			
03173	 031735401600 DRILL BIT SDS MAX STD MM 16 X 540 -400 031733401800 DRILL BIT SDS MAX STD MM 18 X 340 -200 031735401800 DRILL BIT SDS MAX STD MM 18 X 540 -400 031735202200 DRILL BIT SDS MAX STD MM 22 X 520 -400 031735202800 DRILL BIT SDS MAX STD MM 28 X 520 -400 031733203000 DRILL BIT SDS MAX STD MM 30 X 320 -200	-	
SET			
03180	 031805301200 *HAMMER DRILLS MILLERIGHE MM 12X530 031803301500 *HAMMER DRILLS MILLERIGHE MM 15X330 031803801600 *HAMMER DRILLS MILLERIGHE MM 16X380 031805301600 *HAMMER DRILLS MILLERIGHE MM 16X530 031809301600 *HAMMER DRILLS MILLERIGHE MM 16X930	-	

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