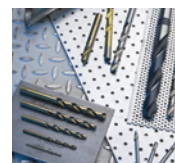




Punte elicoidali / Twist Drills **GX-Line**



11
-
15



Utensili da taglio / Thread Cutting Tools



16
-
18



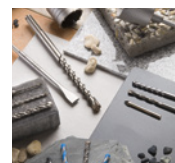
Svasatori / Punte a gradini
Countersinks / Step Drills



18



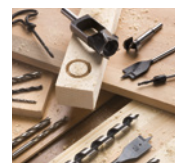
Punte da muro e calcestruzzo / Frese a tazza / Carotatrici / Scalpelli
Masonry / Concrete Drill Bits / Hammer Drill Bits SDS-plus **GX-4** / Chisels



18
-
21



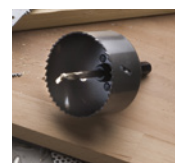
Punte ed utensili per legno / Wood Drill Bits



21
-
23



Frese a corona / Hole Saws



23



Lame per segchetti
Jigsaw Blades



23



Assortimenti / Sets



24
-
26

	DIN DIN	Qualità Quality	Tipo Type	Descrizione Description	Art. Art.	Pagina Page
Punte elicoidali / Twist Drills						
	338	HSS	N	Punte elicoidali laminate Twist Drills Roll Forged	1100	11
	338	HSS	N	Punte elicoidali rullate, codolo ridotto Twist Drills Roll Forged, Reduced Shank	1109	11
	338	HSS-G	N	Punte elicoidali rettificate, Split Point Twist Drills Fully Ground, Split Point	1120	11 - 12
	338	HSS-G	N	Punte elicoidali rettificate, codolo ridotto, Split Point Twist Drills Fully Ground, Reduced Shank, Split-Point	1110	12
	338	HSS-G	N	Punte elicoidali rettificate, GX-Line, Split Point Twist Drills Fully Ground, GX-Line, Split Point	1121	12 - 13
	338	HSS-G	Turbocraft	Punte elicoidali rettificate, rompi trucioli sul tagliente Twist Drills Fully Ground, with centering-tip	1201	13
	338	HSS-TiN	N	Punte elicoidali rettificate, Split Point Twist Drills Fully Ground, Split Point	1130	13
	338	HSS-E Co5	N	Punte elicoidali rettificate, Split Point Twist Drills Fully Ground, Split Point	1140	13
	338	HSS-E Co5	N	Punte elicoidali rettificate, codolo ridotto, Split Point Twist Drills Fully Ground, Reduced Shank, Split Point	1140-red	13
Punte elicoidali extra corte / Twist Drills extra short						
	1897	HSS-G	N	Punte elicoidali rettificate, extra corte, Split Point Twist Drills Fully Ground, extra short, Split Point	1250	14
	1897	HSS-E Co5	N	Punte elicoidali rettificate, extra corte, Split Point Twist Drills Fully Ground, extra short, Split Point	1260	14
	BC Norm	HSS-G	N	Punte a doppio tagliente rettificate, Split Point Double Ended Drills Fully Ground, Split Point	1300	14
Punte elicoidali lunghe / Twist Drills long						
	340	HSS	N	Punte elicoidali laminate, lunghe Twist Drills Roll Forged, long	1340	14
	340	HSS-G	N	Punte elicoidali rettificate, lunghe, Split Point Twist Drills Fully Ground, long, Split Point	1350	14
Punte elicoidali extra lunghe / Twist Drills extra long						
	1869	HSS-G	N	Punte elicoidali rettificate, extra lunghe, Split Point Twist Drills Fully Ground, extra long, Split Point	1400	14 - 15
Punte elicoidali codolo conico / Taper Shank Twist Drills						
	345	HSS	N	Punte elicoidali codolo conico, laminate Taper Shank Drills, Roll Forged	1450	15
	345	HSS-E Co5	N	Punte elicoidali a codolo conico Taper Shank Drills	1470	15
Punte a centrare / Centre Drills						
	333 A	HSS	60°	Punte a centrare Forma A Centre Drills Form A	1600	15

	DIN DIN	Qualità Quality	Filetto Thread	Descrizione Description	Art. Art.	Pagina Page
Maschi a mano e filiere circolari / Hand Taps and Circular Dies						
	352	HSS-G	M	Maschi a mano rettificati Hand Taps Fully Ground	4100	16
	223 B EN 22568	HSS-G	M	Filiere tonde rettificate Circular Dies Fully Ground	4200	16
	2181	HSS-G	MF	Maschi a mano rettificati, filettatura metrica passo fine Hand Taps Metric Fine Fully Ground	4101	16
	223 B EN 22568	HSS-G	MF	Filiere tonde rettificate, filettatura metrica passo fine Circular Dies Metric Fine Fully Ground	4202	16
	5157	HSS-G	G / BSP	Maschi a mano rettificati filettatura Whitworth Hand Taps Whitworth Pipethread Fully Ground	4102	16
	5158 EN 24231	HSS-G	G / BSP	Filiere tonde rettificate filettatura Whitworth Circular Dies Whitworth Pipethreads Fully Ground	4203	16
Punte combinate / Combined Thread-Bits						
	BC Norm	HSS-G	M	Punte per maschiare e forare, codolo esagonale 1/4", rettificate Combined Thread-Bits, 1/4" hex-shank Fully Ground	4171	16
Maschi a macchina / Machine Taps						
	371/376 Form B	HSS-G	M	Maschi a macchina, scanalature diritte, rettificati Machine Taps, straight flute Fully Ground	4140 - 4141	16
	371/376 Form B	HSS-E Co5	M	Maschi a macchina, scanalature diritte, rettificati Machine Taps Fully Ground, straight flute	4142 - 4143	17
	371 Form B	HSS-Co TiN	M	Maschi a macchina, scanalature diritte Machine Taps, straight flute	4147	17
	371/376 Form C 35° RSP	HSS-G	M	Maschi a macchina, scanalature elicoidali, rettificati Machine Taps, spirale flute Fully Ground	4150 - 4151	17
	371 Form C 15°	HSS-G	M	Maschi a macchina, scanalature elicoidali Machine Taps, spirale flute	4150	17
	376 Form C 15°	HSS-G	M	Maschi a macchina, scanalature elicoidali Machine Taps, spirale flute	4151	17
	376 Form C 15° sinistra	HSS-G	M	Maschi a macchina, scanalature elicoidali sinistre Machine Taps, left hand spirale flute	4100	17
	374 Form C 15°	HSS-G	G/BSP	Maschi a macchina, scanalature elicoidali Machine Taps, spirale flute	4176	17
	371/376 Form C 35° RSP	HSS-E Co5	M	Maschi a macchina, scanalature elicoidali Machine Taps, spirale flute	4152 - 4153	17
	376 Form C 35°	HSS-Co TiN	M	Maschi a macchina, scanalature elicoidali Machine Taps, spirale flute	4157	17
	357 Form A	HSS-G	M	Maschi a macchina per dadi, rettificati Machine Nut Taps Fully Ground	4160	17

UTENSILI DA TAGLIO THREAD CUTTING TOOLS

	DIN DIN	Qualità Quality	Tipo Type	Descrizione Description	Art. Art.	Pagina Page
Portautensili / Tool holders						
	1814			Giramaschi regolabili Adjustable Tap Wrenches	4300	18
	225			Porta filiere tonde Die Stocks	4400	18
				Giramaschi a cricchetto Tap Wrenches with ratchet	4302	18
				Estrattori per viti in acciaio CV CV screw extractors	9700	18

SVASATORI / PUNTE A GRADINI COUNTERSINKS / STEP DRILLS

	DIN DIN	Qualità Quality	Tipo Type	Descrizione Description	Art. Art.	Pagina Page
Frese a svasare / Countersinks						
	335 C	HSS	90°	Svasatori Countersinks	1700	18
	335 C	HSS-E Co5	90°	Svasatori Countersinks	1710	18
	BC Norm	HSS		Sbavatori con foro trasversale Countersinks with Cross Hole	1720	18
Punte per lamiera / Sheet Metal Drills						
	BC Norm	HSS		Svasatori per lamiera Sheet Metal Drills	1740	18
Punte a gradini / Step Drills						
	BC Norm	HSS		Punte a gradini Step Drills	1760	18

PUNTE PER MURO E CALCESTRUZZO / PUNTE PER VETRO MASONRY / CONCRETE DRILL BITS / GLASS DRILL BITS

	DIN DIN	Tipo Type	Descrizione Description	Art. Art.	Pagina Page
Punte per foratura a percussione e rotative / Percussion and rotary Drill Bits					
			Punte da muro nichelate con inserto in MD, angolo 130° / Masonry Drill Bits, Nickel plated, TCT, point angle 130°	2100 - 2150	18
			Punte da muro sabbiato con inserto in MD, angolo 130° / Masonry Drill Bits, Sand blasted, TCT, point angle 130°	2260 - 2261	18
	8039	LASER	Punte da muro con inserto in MD, angolo 130° Masonry Drill Bits, TCT, point angle 130°	2250 - 2251 2252	19
		MULTI-LASER	Punte universali con inserto in MD, Split Point Multi-Purpose Drill Bits, TCT, Split Point	2270	19
			Punte per vetro in MD Glass Drill Bits, TCT	2700	19

PUNTE PER MURO E CALCESTRUZZO / SCALPELLI MASONRY / CONCRETE DRILL BITS / CHISELS

	Tipo Type	Descrizione Description	Art. Art.	Pagina Page
Punte per martelli / Hammer Drill Bits				
NEW! 	QX-4	Punte per martelli SDS-plus 4 taglienti in MD Hammer Drill Bits SDS-plus, with 4-carbide cutting edges	2612	19
	4-X	Punte per martelli SDS-plus con 4 taglienti MD Hammer Drill Bits SDS-plus with 4 Carbide cutting edges	2615	19
	X-TREME4	Punte per martelli SDS-plus con 4 eliche Hammer Drill Bits SDS-plus, 4 flute spiral	2610	19 - 20
	CLASSIC	Punte per martelli SDS-plus Hammer Drill Bits SDS-plus	2600	20
		Punte per martelli SDS-plus Hammer Drill Bits SDS-plus	2590	20
	PRO	Punte per martelli SDS-max, 2/4 taglienti in MD Hammer Drill Bits SDS-max, 2/4 cutting edges, TCT	2620	20
NEW! 	BASIC	Punte per martelli SDS-max, 4 taglienti in MD Hammer Drill Bits SDS-max	2619	20
Carotatrici - Seghe a tazza multifunzione / Hollow Cores - Multi-Purpose Hole Saws				
	MULTI-CUT	Frese a tazza multifunzione in MD + accessori Multi-Purpose Hole Saws TCT + Accessories	1930 - 1935 1936 - 1937	20 - 21
		Carotatrici in MD + accessori Hollow Cores TCT + Accessories	2300 - 2301 2302	21
Scalpelli / Chisels				
		Scalpelli SDS-plus (a punta / piatti / a sgorbia / larghi e per mattonelle) Chisels SDS-plus (Point / Flat / Spade / Hollow and Tile chisels)	2650	21
		Scalpelli SDS-max (a punta / piatti / a sgorbia / larghi e per mattonelle) Chisels SDS-max (Point / Flat / Spade / Hollow / Tile chisels)	2660	21

PUNTE PER LEGNO WOOD DRILL BITS

	Tipo Type	Descrizione Description	Art. Art.	Pagina Page
Punte per legno / Wood Drill Bits				
		Punte per legno in acciaio CV Brad Point Wood Drill Bits	3100	21
	INDUSTRIE	Punte per legno HSS-G Premium rettificata, versione industriale HSS-G Premium Wood Drill Bits, Fully Ground, Industrial Type	3110	21
		Punteruoli Gimlets	3500	21

	DIN DIN	Tipo Type	Descrizione Description	Art. Art.	Pagina Page
Svasatori / Countersinks					
			Svasatori 90° per punte da trapano Shell Drill Countersinks	3450	21
	6446B		Svasatori 90°, 5 taglienti Countersinks, 5 cutting edges	3700	22
Frese Forstner + meccie / Forstner Bits + Miscellaneous Bits					
			Frese per legno Forstner Forstner Bits	3250	22
			Frese con inserto in MD Cylinder Boring Bits, TCT	3261	22
			Mecchie per legno - regolabili Wood Milling Cutters - adjustable	3350	22
Punte per telai + Mecchie / Frame Work Drills + Flat Bits					
			Punte cilindriche per telai Frame Work Drills with Round Shank	3120	22
			Punte cilindriche per telai, SDS-plus Frame Work Drills with SDS-plus Shank	3130	22
			Mecchie + prolunga Machine Flat Bits + Extension	3410 - 3420	22
Punte per legno Lewis / Lewis Wood Drill Bits					
	LEWIS		Punte per legno forma Lewis, codolo esagonale Drill Bits with hexagon shank	3200	22
	LEWIS SDS		Punte per legno forma Lewis, codolo SDS-plus Drill Bits with SDS-plus Shank	3210	22 - 23

FRESE A CORONA / LAME PER SEGHETTI HOLE SAWS / JIGSAW BLADES

	Tipo Type	Descrizione Description	Art. Art.	Pagina Page
Frese a corona / Hole Saws				
		Frese a corona bimetalliche HSS Bi-Metal Hole Saws HSS	1900	23
	VA-CUTS	Frese a corona bimetalliche HSS-E (Co8) Premium Bi-Metal Hole Saws HSS-E (Co8) Cobalt Alloyed	1901	23
		Accessori per frese a corona Accessories for Hole Saws	1910 - 1911	23
Lame per seghe circolari / Jigsaw Blades				
	Legno e plastica Wood and Plastics	Lame per seghetti Jigsaw Blades with T-shank	1960 - 1961 1963 - 1992	23
	Metallo Metal	Lame per seghetti Jigsaw Blades with T-shank	1964 - 1965	23
	Materiali Vari Different Materials	Lame per seghetti in MD Jigsaw Blades with T-shank, TCT	1966	23

	Descrizione Description	Pagina Page
	Espositori e cassette vuote Empty Cabinets and Boxes	24
	Punte elicoidali DIN 338 Twist Drill Bits DIN 338	24
	Utensili da taglio Thread Cutting Tools	24 -25
	Assortimento estrattori per viti Screw Extractor-Set	25
	Svasatori / Punte a gradini Countersinks / Step Drills	25-26
	Punte da muro e calcestruzzo Masonry / Concrete Drill Bits	26
	Frese a corona Hole Saws	26
	Bits ed accessori Screwdriver-Bits and Accessories	26

Punte elicoidali DIN 338 HSS-G rettificate, **GX-Line**, Split Point Twist Drills DIN 338 HSS-G **Fully Ground**, **GX-Line**, Split Point



GX-Line



Art. **1121** **NEW!**

Qtà per imballo / Packing-Unit:



fino a / up to 10,0 mm Ø = 10 pz.
fino a / up to 16,0 mm Ø = 5 pz.

In acciaio super rapido (HSS), cilindriche, versione corta, taglio destro, tipo N, angolo punta 118°, affilatura Split Point in conformità con DIN 1412 C, finitura chiara.

Applicazioni:

Per la foratura ad elevata potenza ed elevata concentricità di metalli quali l'acciaio, la ghisa, il metallo sinterizzato, etc.

High Speed Steel, straight shank, jobber length, point angle 118°, split point, bright finish.

Application:

Professional quality for ordinary metal drilling like steel, cast iron, etc.

Punte per martelli SDS-plus **QX-4**, 4 taglienti MD, certificate da PGM Hammer Drill Bits SDS-plus **QX-4**, with 4 Carbide Cutting Edges, PGM Certification-Mark



Art. **2612** **NEW!**

Punte per martelli di qualità superiore realizzate in MD.

La speciale geometria evita ogni inceppamento soprattutto nel cemento armato.

Applicazione:

Adatte a ogni tipo di martello SDS-plus. Per forare muri, calcestruzzo e cemento armato.

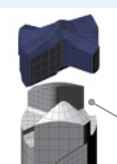
Top-class hammer drill bits with X-type tungsten carbide tip.

Head-geometry avoid jamming especially in armoured concrete.

Application:

Fits in all hammer-drills with SDS-plus looking.

For drilling in masonry, concrete and armoured concrete.



Taglienti MD con diverse profondità di avvitamento
Different setting depth of full-carbide cutting edges



4-taglienti di forma X
4-cutting edges in X-design

Scanalatura a gradini per rimuovere velocemente la polvere di foratura
Stepped Flute for fast transport of drilling dust

Vantaggi

- **Ottima trasmissione di potenza grazie alla diversa profondità di avvitamento dei taglienti MD**
- **Sfruttamento ideale dell'energia d'impatto della punta da martello grazie ai diversi livelli di foratura**
- **Innovativa forma della testina X con 4 taglienti per garantire velocità e qualità di lavorazione:**
 - efficace sul cemento armato
 - ridotta frizione
 - veloce rimozione della polvere di foratura e precisione di foratura
 - alta velocità di foratura e minore usura
- **Velocità**
 - la forma X simmetrica garantisce maggiore velocità di foratura rispetto ai sistemi tradizionali a 90°.
 - maggiore spazio a disposizione per l'accumulo della polvere di foratura, grazie alla forma X e scanalature a ingresso più ampio per una più efficace rimozione della polvere
- **Resistenza**
 - Avvio di foratura più preciso grazie a una punta di centraggio e prestazioni migliori al contatto con la punta
 - la punta a più angoli garantisce eccellenti risultati di foratura e durata dell'utensile
- **Pulizia**
 - 4 taglienti con ampie lame MD per fori puliti e perfettamente circolari. La forma X della punta mantiene le vibrazioni al giusto livello

Advantages

- **Optimized power transmission due to different setting depth of carbide cutting edges**
- **Ideal use from the impact energy from hammer drill due to different design of separate drill-levels**
- **Innovative X-head design with 4-cutting edges for fast and professional jobs:**
 - resistant against reinforced concrete
 - considerably less friction
 - fast removal of drill dust and optimized spot drilling
 - high drilling speed with less wear
- **Fast**
 - Symmetric X-shape produces higher drilling speed in comparison with a classic 90° design
 - more space for drilling dust by X-shape head and large entry flutes for optimum drilling dust removal
- **Strong**
 - Precise drilling start by a centering tip and better performance at contact with rebar
 - the multi-angle drill-head makes a perfect drilling result and long tool life
- **Clean**
 - 4 cutting-edges with extended full-carbide plate-edges provide precise and cylindrical holes. Optimised vibrational characteristics by X-head shape

Art. 1100

Punte elicoidali DIN 338 HSS laminate
Twist Drills DIN 338 HSS Roll Forged



Ø mm	L mm	L2 mm	Articolo Part-No.
0,30	19	3	1100 01 00030
0,40	20	5	1100 01 00040
0,50	22	6	1100 01 00050
0,60	24	7	1100 01 00060
0,70	28	9	1100 01 00070
0,80	30	10	1100 01 00080
0,90	32	11	1100 01 00090
1,00	34	12	1100 01 00100
1,10	36	14	1100 01 00110
1,20	38	16	1100 01 00120
1,25	38	16	1100 01 00125
1,30	38	16	1100 01 00130
1,40	40	18	1100 01 00140
1,50	40	18	1100 01 00150
1,60	43	20	1100 01 00160
1,70	43	20	1100 01 00170
1,75	46	23	1100 01 00175
1,80	46	23	1100 01 00180
1,90	46	23	1100 01 00190
2,00	49	24	1100 01 00200
2,10	49	24	1100 01 00210
2,20	53	27	1100 01 00220
2,25	53	27	1100 01 00225
2,30	53	27	1100 01 00230
2,40	57	30	1100 01 00240
2,50	57	30	1100 01 00250
2,60	57	30	1100 01 00260
2,70	61	33	1100 01 00270
2,75	61	33	1100 01 00275
2,80	61	33	1100 01 00280
2,90	61	33	1100 01 00290
3,00	61	33	1100 01 00300
3,10	65	36	1100 01 00310
3,20	65	36	1100 01 00320
3,25	65	36	1100 01 00325
3,30	65	36	1100 01 00330
3,40	70	39	1100 01 00340
3,50	70	39	1100 01 00350
3,60	70	39	1100 01 00360
3,70	70	39	1100 01 00370
3,75	70	39	1100 01 00375
3,80	75	43	1100 01 00380
3,90	75	43	1100 01 00390
4,00	75	43	1100 01 00400
4,10	75	43	1100 01 00410
4,20	75	43	1100 01 00420
4,25	75	43	1100 01 00425
4,30	80	47	1100 01 00430
4,40	80	47	1100 01 00440
4,50	80	47	1100 01 00450
4,60	80	47	1100 01 00460
4,70	80	47	1100 01 00470
4,75	80	47	1100 01 00475
4,80	86	52	1100 01 00480
4,90	86	52	1100 01 00490
5,00	86	52	1100 01 00500
5,10	86	52	1100 01 00510
5,20	86	52	1100 01 00520
5,25	86	52	1100 01 00525
5,30	86	52	1100 01 00530
5,40	93	57	1100 01 00540
5,50	93	57	1100 01 00550
5,60	93	57	1100 01 00560
5,70	93	57	1100 01 00570
5,75	93	57	1100 01 00575
5,80	93	57	1100 01 00580
5,90	93	57	1100 01 00590
6,00	93	57	1100 01 00600
6,10	101	63	1100 01 00610
6,20	101	63	1100 01 00620
6,25	101	63	1100 01 00625
6,30	101	63	1100 01 00630
6,40	101	63	1100 01 00640
6,50	101	63	1100 01 00650
6,60	101	63	1100 01 00660
6,70	101	63	1100 01 00670

Ø mm	L mm	L2 mm	Articolo Part-No.
6,75	109	69	1100 01 00675
6,80	109	69	1100 01 00680
6,90	109	69	1100 01 00690
7,00	109	69	1100 01 00700
7,10	109	69	1100 01 00710
7,20	109	69	1100 01 00720
7,25	109	69	1100 01 00725
7,30	109	69	1100 01 00730
7,40	109	69	1100 01 00740
7,50	109	69	1100 01 00750
7,60	117	75	1100 01 00760
7,70	117	75	1100 01 00770
7,75	117	75	1100 01 00775
7,80	117	75	1100 01 00780
7,90	117	75	1100 01 00790
8,00	117	75	1100 01 00800
8,10	117	75	1100 01 00810
8,20	117	75	1100 01 00820
8,25	117	75	1100 01 00825
8,30	117	75	1100 01 00830
8,40	117	75	1100 01 00840
8,50	117	75	1100 01 00850
8,60	125	81	1100 01 00860
8,70	125	81	1100 01 00870
8,75	125	81	1100 01 00875
8,80	125	81	1100 01 00880
8,90	125	81	1100 01 00890
9,00	125	81	1100 01 00900
9,10	125	81	1100 01 00910
9,20	125	81	1100 01 00920
9,25	125	81	1100 01 00925
9,30	125	81	1100 01 00930
9,40	125	81	1100 01 00940
9,50	125	81	1100 01 00950
9,60	133	87	1100 01 00960
9,70	133	87	1100 01 00970
9,75	133	87	1100 01 00975
9,80	133	87	1100 01 00980
9,90	133	87	1100 01 00990
10,00	133	87	1100 01 01000
10,10	133	87	1100 01 01010
10,20	133	87	1100 01 01020
10,25	133	87	1100 01 01025
10,30	133	87	1100 01 01030
10,40	133	87	1100 01 01040
10,50	133	87	1100 01 01050
10,60	142	94	1100 01 01060
10,70	142	94	1100 01 01070
10,75	142	94	1100 01 01075
10,80	142	94	1100 01 01080
10,90	142	94	1100 01 01090
11,00	142	94	1100 01 01100
11,10	142	94	1100 01 01110
11,20	142	94	1100 01 01120
11,25	142	94	1100 01 01125
11,30	142	94	1100 01 01130
11,40	142	94	1100 01 01140
11,50	142	94	1100 01 01150
11,60	151	101	1100 01 01160
11,70	151	101	1100 01 01170
11,75	151	101	1100 01 01175
11,80	151	101	1100 01 01180
11,90	151	101	1100 01 01190
12,00	151	101	1100 01 01200
12,10	151	101	1100 01 01210
12,20	151	101	1100 01 01220
12,25	151	101	1100 01 01225
12,30	151	101	1100 01 01230
12,40	151	101	1100 01 01240
12,50	151	101	1100 01 01250
12,60	151	101	1100 01 01260
12,70	151	101	1100 01 01270
12,75	151	101	1100 01 01275
12,80	151	101	1100 01 01280
12,90	151	101	1100 01 01290
13,00	151	101	1100 01 01300
13,50	160	108	1100 01 01350
14,00	160	108	1100 01 01400
14,50	169	114	1100 01 01450
15,00	169	114	1100 01 01500
15,50	178	120	1100 01 01550
16,00	178	120	1100 01 01600
16,50	184	125	1100 01 01650

Ø mm	L mm	L2 mm	Articolo Part-No.
17,00	184	125	1100 01 01700
17,50	191	130	1100 01 01750
18,00	191	130	1100 01 01800
18,50	198	135	1100 01 01850
19,00	198	135	1100 01 01900
19,50	205	140	1100 01 01950
20,00	205	140	1100 01 02000

Art. 1109

Punte elicoidali DIN 338 HSS laminate, codolo ridotto
Twist Drills DIN 338 HSS Roll Forged, Reduced Shank



Ø mm	L mm	Codolo Shank	Articolo Part-No.
10,50	133	10 x 30	1109 01 01050
11,00	142	10 x 30	1109 01 01100
11,50	142	10 x 30	1109 01 01150
12,00	151	10 x 30	1109 01 01200
12,50	151	10 x 30	1109 01 01250
13,00	151	10 x 30	1109 01 01300
13,50	160	10 x 30	1109 01 01350
14,00	160	10 x 30	1109 01 01400
14,50	169	10 x 30	1109 01 01450
15,00	169	10 x 30	1109 01 01500
15,50	178	10 x 30	1109 01 01550
16,00	178	10 x 30	1109 01 01600
16,50	184	13 x 35	1109 01 01650
17,00	184	13 x 35	1109 01 01700
17,50	191	13 x 35	1109 01 01750
18,00	191	13 x 35	1109 01 01800
18,50	198	13 x 35	1109 01 01850
19,00	198	13 x 35	1109 01 01900
19,50	205	13 x 35	1109 01 01950
20,00	205	13 x 35	1109 01 02000

Art. 1120

Punte elicoidali DIN 338 HSS-G rettificata, Split Point
Twist Drills DIN 338 HSS-G Fully Ground, Split Point



Ø mm	L mm	L2 mm	Articolo Part-No.
0,50	22	6	1120 01 00050
0,60	24	7	1120 01 00060
0,70	28	9	1120 01 00070
0,80	30	10	1120 01 00080
0,90	32	11	1120 01 00090
1,00	34	12	1120 01 00100
1,10	36	14	1120 01 00110
1,20	38	16	1120 01 00120
1,25	38	16	1120 01 00125
1,30	38	16	1120 01 00130
1,40	40	18	1120 01 00140
1,50	40	18	1120 01 00150
1,60	43	20	1120 01 00160
1,70	43	20	1120 01 00170
1,75	46	23	1120 01 00175
1,80	46	23	1120 01 00180
1,90	46	23	1120 01 00190
2,00	49	24	1120 01 00200
2,10	49	24	1120 01 00210
2,20	53	27	1120 01 00220
2,25	53	27	1120 01 00225
2,30	53	27	1120 01 00230
2,40	57	30	1120 01 00240
2,50	57	30	1120 01 00250
2,60	57	30	1120 01 00260
2,70	61	33	1120 01 00270
2,75	61	33	1120 01 00275
2,80	61	33	1120 01 00280
2,90	61	33	1120 01 00290
3,00	61	33	1120 01 00300
3,10	65	36	1120 01 00310
3,20	65	36	1120 01 00320
3,25	65	36	1120 01 00325

continua alla pagina successiva, continues on the next page →

Ø mm	L mm	L2 mm	Articolo Part-No.
3,30	65	36	1120 01 00330
3,40	70	39	1120 01 00340
3,50	70	39	1120 01 00350
3,60	70	39	1120 01 00360
3,70	70	39	1120 01 00370
3,75	70	39	1120 01 00375
3,80	75	43	1120 01 00380
3,90	75	43	1120 01 00390
4,00	75	43	1120 01 00400
4,10	75	43	1120 01 00410
4,20	75	43	1120 01 00420
4,25	75	43	1120 01 00425
4,30	80	47	1120 01 00430
4,40	80	47	1120 01 00440
4,50	80	47	1120 01 00450
4,60	80	47	1120 01 00460
4,70	80	47	1120 01 00470
4,75	80	47	1120 01 00475
4,80	86	52	1120 01 00480
4,90	86	52	1120 01 00490
5,00	86	52	1120 01 00500
5,10	86	52	1120 01 00510
5,20	86	52	1120 01 00520
5,25	86	52	1120 01 00525
5,30	86	52	1120 01 00530
5,40	93	57	1120 01 00540
5,50	93	57	1120 01 00550
5,60	93	57	1120 01 00560
5,70	93	57	1120 01 00570
5,75	93	57	1120 01 00575
5,80	93	57	1120 01 00580
5,90	93	57	1120 01 00590
6,00	93	57	1120 01 00600
6,10	101	63	1120 01 00610
6,20	101	63	1120 01 00620
6,25	101	63	1120 01 00625
6,30	101	63	1120 01 00630
6,40	101	63	1120 01 00640
6,50	101	63	1120 01 00650
6,60	101	63	1120 01 00660
6,70	101	63	1120 01 00670
6,75	109	69	1120 01 00675
6,80	109	69	1120 01 00680
6,90	109	69	1120 01 00690
7,00	109	69	1120 01 00700
7,10	109	69	1120 01 00710
7,20	109	69	1120 01 00720
7,25	109	69	1120 01 00725
7,30	109	69	1120 01 00730
7,40	109	69	1120 01 00740
7,50	109	69	1120 01 00750
7,60	117	75	1120 01 00760
7,70	117	75	1120 01 00770
7,75	117	75	1120 01 00775
7,80	117	75	1120 01 00780
7,90	117	75	1120 01 00790
8,00	117	75	1120 01 00800
8,10	117	75	1120 01 00810
8,20	117	75	1120 01 00820
8,25	117	75	1120 01 00825
8,30	117	75	1120 01 00830
8,40	117	75	1120 01 00840
8,50	117	75	1120 01 00850
8,60	125	81	1120 01 00860
8,70	125	81	1120 01 00870
8,75	125	81	1120 01 00875
8,80	125	81	1120 01 00880
8,90	125	81	1120 01 00890
9,00	125	81	1120 01 00900
9,10	125	81	1120 01 00910
9,20	125	81	1120 01 00920
9,25	125	81	1120 01 00925
9,30	125	81	1120 01 00930
9,40	125	81	1120 01 00940
9,50	125	81	1120 01 00950
9,60	133	87	1120 01 00960
9,70	133	87	1120 01 00970
9,75	133	87	1120 01 00975
9,80	133	87	1120 01 00980
9,90	133	87	1120 01 00990
10,00	133	87	1120 01 01000
10,10	133	87	1120 01 01010

Ø mm	L mm	L2 mm	Articolo Part-No.
10,20	133	87	1120 01 01020
10,25	133	87	1120 01 01025
10,30	133	87	1120 01 01030
10,40	133	87	1120 01 01040
10,50	133	87	1120 01 01050
10,60	142	94	1120 01 01060
10,70	142	94	1120 01 01070
10,75	142	94	1120 01 01075
10,80	142	94	1120 01 01080
10,90	142	94	1120 01 01090
11,00	142	94	1120 01 01100
11,10	142	94	1120 01 01110
11,20	142	94	1120 01 01120
11,25	142	94	1120 01 01125
11,30	142	94	1120 01 01130
11,50	142	94	1120 01 01150
11,75	142	94	1120 01 01175
11,80	142	94	1120 01 01180
11,90	142	94	1120 01 01190
12,00	151	101	1120 01 01200
12,20	151	101	1120 01 01220
12,25	151	101	1120 01 01225
12,50	151	101	1120 01 01250
12,70	151	101	1120 01 01270
12,75	151	101	1120 01 01275
12,80	151	101	1120 01 01280
13,00	151	101	1120 01 01300
13,50	160	108	1120 01 01350
14,00	160	108	1120 01 01400
14,50	169	114	1120 01 01450
15,00	169	114	1120 01 01500
15,50	178	120	1120 01 01550
16,00	178	120	1120 01 01600

Art. 1110

Punte elicoidali DIN 338 HSS-G rettificati,
con codolo ridotto, Split Point
Twist Drills/Blacksmith Drills DIN 338 HSS-G,
Reduced Shank, Split Point



Ø mm	L mm	Codolo Shank	Articolo Part-No.
10,50	133	10 x 30	1110 01 01050
11,00	142	10 x 30	1110 01 01100
11,50	142	10 x 30	1110 01 01150
12,00	151	10 x 30	1110 01 01200
12,50	151	10 x 30	1110 01 01250
13,00	151	10 x 30	1110 01 01300
13,50	160	10 x 30	1110 01 01350
14,00	160	10 x 30	1110 01 01400
14,50	169	10 x 30	1110 01 01450
15,00	169	10 x 30	1110 01 01500
15,50	178	10 x 30	1110 01 01550
16,00	178	10 x 30	1110 01 01600
16,50	184	13 x 35	1110 01 01650
17,00	184	13 x 35	1110 01 01700
17,50	191	13 x 35	1110 01 01750
18,00	191	13 x 35	1110 01 01800
18,50	198	13 x 35	1110 01 01850
19,00	198	13 x 35	1110 01 01900
19,50	205	13 x 35	1110 01 01950
20,00	205	13 x 35	1110 01 02000

Art. 1121

NEW!

Punte elicoidali DIN 338 HSS-G, rettificati, GX-Line,
Split Point
Twist Drills DIN 338 HSS-G
Fully Ground, GX-Line, Split Point



Ø mm	L mm Totale Overall	L mm Spirale Flute	Articolo Part-No.
1,00	34	12	1121 01 00100
1,10	36	14	1121 01 00110

Ø mm	L mm Totale Overall	L mm Spirale Flute	Articolo Part-No.
1,20	38	16	1121 01 00120
1,30	38	16	1121 01 00130
1,40	40	18	1121 01 00140
1,50	40	18	1121 01 00150
1,60	43	20	1121 01 00160
1,70	43	20	1121 01 00170
1,80	46	23	1121 01 00180
1,90	46	23	1121 01 00190
2,00	49	24	1121 01 00200
2,10	49	24	1121 01 00210
2,20	53	27	1121 01 00220
2,30	53	27	1121 01 00230
2,40	57	30	1121 01 00240
2,50	57	30	1121 01 00250
2,60	57	30	1121 01 00260
2,70	61	33	1121 01 00270
2,80	61	33	1121 01 00280
2,90	61	33	1121 01 00290
3,00	61	33	1121 01 00300
3,10	65	36	1121 01 00310
3,20	65	36	1121 01 00320
3,30	65	36	1121 01 00330
3,40	70	39	1121 01 00340
3,50	70	39	1121 01 00350
3,60	70	39	1121 01 00360
3,70	70	39	1121 01 00370
3,80	70	43	1121 01 00380
3,90	75	43	1121 01 00390
4,00	75	43	1121 01 00400
4,10	75	43	1121 01 00410
4,20	75	43	1121 01 00420
4,30	80	47	1121 01 00430
4,40	80	47	1121 01 00440
4,50	80	47	1121 01 00450
4,60	80	47	1121 01 00460
4,70	80	47	1121 01 00470
4,80	86	52	1121 01 00480
4,90	86	52	1121 01 00490
5,00	86	52	1121 01 00500
5,10	86	52	1121 01 00510
5,20	86	52	1121 01 00520
5,30	86	52	1121 01 00530
5,40	93	57	1121 01 00540
5,50	93	57	1121 01 00550
5,60	93	57	1121 01 00560
5,70	93	57	1121 01 00570
5,80	93	57	1121 01 00580
5,90	93	57	1121 01 00590
6,00	93	57	1121 01 00600
6,10	101	63	1121 01 00610
6,20	101	63	1121 01 00620
6,30	101	63	1121 01 00630
6,40	101	63	1121 01 00640
6,50	101	63	1121 01 00650
6,60	101	63	1121 01 00660
6,70	101	63	1121 01 00670
6,80	109	69	1121 01 00680
6,90	109	69	1121 01 00690
7,00	109	69	1121 01 00700
7,10	109	69	1121 01 00710
7,20	109	69	1121 01 00720
7,30	109	69	1121 01 00730
7,40	109	69	1121 01 00740
7,50	109	69	1121 01 00750
7,60	117	75	1121 01 00760
7,70	117	75	1121 01 00770
7,80	117	75	1121 01 00780
7,90	117	75	1121 01 00790
8,00	117	75	1121 01 00800
8,10	117	75	1121 01 00810
8,20	117	75	1121 01 00820
8,30	117	75	1121 01 00830
8,40	117	75	1121 01 00840
8,50	117	75	1121 01 00850
8,60	125	81	1121 01 00860
8,70	125	81	1121 01 00870
8,80	125	81	1121 01 00880
8,90	125	81	1121 01 00890
9,00	125	81	1121 01 00900
9,10	125	81	1121 01 00910

Ø	L mm	L mm	
mm	Totale Overall	Spirale Flute	Articolo Part-No.
9,20	125	81	1121 01 00920
9,30	125	81	1121 01 00930
9,40	125	81	1121 01 00940
9,50	125	81	1121 01 00950
9,60	133	87	1121 01 00960
9,70	133	87	1121 01 00970
9,80	133	87	1121 01 00980
9,90	133	87	1121 01 00990
10,00	133	87	1121 01 01000
10,20	133	87	1121 01 01020
10,50	133	87	1121 01 01050
11,00	142	94	1121 01 01100
11,50	142	94	1121 01 01150
12,00	151	101	1121 01 01200
12,50	151	101	1121 01 01250
13,00	151	101	1121 01 01300
13,50	160	108	1121 01 01350
14,00	160	108	1121 01 01400
14,50	169	114	1121 01 01450
15,00	169	114	1121 01 01500
15,50	178	120	1121 01 01550
16,00	178	120	1121 01 01600

Art. 1201

TURBOCRAFT. Punta elicoidali DIN 338 HSS-G, rompi trucioli sul tagliente

TURBOCRAFT. Twist Drills DIN 338 HSS-G, with centering-tip



Ø	L	L2	Articolo
mm	mm	mm	Part-No.
1,00	34	12	1201 03 00100
1,50	40	18	1201 03 00150
2,00	49	24	1201 03 00200
2,50	57	30	1201 03 00250
3,00	61	33	1201 03 00300
3,50	70	39	1201 03 00350
4,00	75	43	1201 03 00400
4,50	80	47	1201 03 00450
5,00	86	52	1201 03 00500
5,50	93	57	1201 03 00550
6,00	93	57	1201 03 00600
6,50	101	63	1201 03 00650
7,00	109	69	1201 03 00700
7,50	109	69	1201 03 00750
8,00	117	75	1201 03 00800
8,50	117	75	1201 03 00850
9,00	125	81	1201 03 00900
9,50	125	81	1201 03 00950
10,00	133	87	1201 03 01000
10,50	133	87	1201 03 01050
11,00	142	94	1201 03 01100
11,50	142	94	1201 03 01150
12,00	151	101	1201 03 01200
12,50	151	101	1201 03 01250
13,00	151	101	1201 03 01300

Art. 1130

Punte elicoidali DIN 338 HSS-TiN, rettificare, Split Point
Twist Drills DIN 338 HSS-TiN, Fully Ground, Split Point



Ø	L	L2	Articolo
mm	mm	mm	Part-No.
1,00	34	12	1130 01 00100
1,50	40	18	1130 01 00150
2,00	49	24	1130 01 00200
2,50	57	30	1130 01 00250
3,00	61	33	1130 01 00300
3,20	65	36	1130 01 00320
3,30	65	36	1130 01 00330
3,50	70	39	1130 01 00350
4,00	75	43	1130 01 00400

Ø	L	L2	Articolo
mm	mm	mm	Part-No.
4,10	75	43	1130 01 00410
4,20	75	43	1130 01 00420
4,50	80	47	1130 01 00450
4,80	86	52	1130 01 00480
5,00	86	52	1130 01 00500
5,20	86	52	1130 01 00520
5,50	93	57	1130 01 00550
6,00	93	57	1130 01 00600
6,50	101	63	1130 01 00650
6,80	109	69	1130 01 00680
7,00	109	69	1130 01 00700
7,50	109	69	1130 01 00750
8,00	117	75	1130 01 00800
8,50	117	75	1130 01 00850
9,00	125	81	1130 01 00900
9,50	125	81	1130 01 00950
10,00	133	87	1130 01 01000
10,20	133	87	1130 01 01020
10,50	133	87	1130 01 01050
11,00	142	94	1130 01 01100
11,50	142	94	1130 01 01150
12,00	151	101	1130 01 01200
12,50	151	101	1130 01 01250
13,00	151	101	1130 01 01300

Art. 1140

Punte elicoidali DIN 338 HSS-E (Co 5) rettificare, Split Point

Twist Drills DIN 338 HSS-E (Co 5) Fully Ground, Split Point



Ø	L	L2	Articolo
mm	mm	mm	Part-No.
1,00	34	12	1140 01 00100
1,10	36	14	1140 01 00110
1,20	38	16	1140 01 00120
1,30	38	16	1140 01 00130
1,40	38	16	1140 01 00140
1,50	40	18	1140 01 00150
1,60	43	20	1140 01 00160
1,70	43	20	1140 01 00170
1,80	46	23	1140 01 00180
1,90	46	23	1140 01 00190
2,00	49	24	1140 01 00200
2,10	49	24	1140 01 00210
2,20	53	27	1140 01 00220
2,30	53	27	1140 01 00230
2,40	57	30	1140 01 00240
2,50	57	30	1140 01 00250
2,60	57	30	1140 01 00260
2,70	61	33	1140 01 00270
2,80	61	33	1140 01 00280
2,90	61	33	1140 01 00290
3,00	61	33	1140 01 00300
3,10	65	36	1140 01 00310
3,20	65	36	1140 01 00320
3,30	65	36	1140 01 00330
3,40	70	39	1140 01 00340
3,50	70	39	1140 01 00350
3,60	70	39	1140 01 00360
3,70	70	39	1140 01 00370
3,80	75	43	1140 01 00380
3,90	75	43	1140 01 00390
4,00	75	43	1140 01 00400
4,10	75	43	1140 01 00410
4,20	75	43	1140 01 00420
4,30	80	47	1140 01 00430
4,40	80	47	1140 01 00440
4,50	80	47	1140 01 00450
4,60	80	47	1140 01 00460
4,70	80	47	1140 01 00470
4,80	86	52	1140 01 00480
4,90	86	52	1140 01 00490
5,00	86	52	1140 01 00500
5,10	86	52	1140 01 00510
5,20	86	52	1140 01 00520
5,30	86	52	1140 01 00530
5,40	93	57	1140 01 00540
5,50	93	57	1140 01 00550

Ø	L	L2	Articolo
mm	mm	mm	Part-No.
5,60	93	57	1140 01 00560
5,70	93	57	1140 01 00570
5,80	93	57	1140 01 00580
5,90	93	57	1140 01 00590
6,00	93	57	1140 01 00600
6,10	101	63	1140 01 00610
6,20	101	63	1140 01 00620
6,30	101	63	1140 01 00630
6,40	101	63	1140 01 00640
6,50	101	63	1140 01 00650
6,60	101	63	1140 01 00660
6,70	101	63	1140 01 00670
6,80	109	69	1140 01 00680
6,90	109	69	1140 01 00690
7,00	109	69	1140 01 00700
7,10	109	69	1140 01 00710
7,20	109	69	1140 01 00720
7,30	109	69	1140 01 00730
7,40	109	69	1140 01 00740
7,50	109	69	1140 01 00750
7,60	117	75	1140 01 00760
7,70	117	75	1140 01 00770
7,80	117	75	1140 01 00780
7,90	117	75	1140 01 00790
8,00	117	75	1140 01 00800
8,10	117	75	1140 01 00810
8,20	117	75	1140 01 00820
8,30	117	75	1140 01 00830
8,40	117	75	1140 01 00840
8,50	117	75	1140 01 00850
8,60	125	81	1140 01 00860
8,70	125	81	1140 01 00870
8,80	125	81	1140 01 00880
8,90	125	81	1140 01 00890
9,00	125	81	1140 01 00900
9,10	125	81	1140 01 00910
9,20	125	81	1140 01 00920
9,30	125	81	1140 01 00930
9,40	125	81	1140 01 00940
9,50	125	81	1140 01 00950
9,60	133	87	1140 01 00960
9,70	133	87	1140 01 00970
9,80	133	87	1140 01 00980
9,90	133	87	1140 01 00990
10,00	133	87	1140 01 01000
10,20	133	87	1140 01 01020
10,50	133	87	1140 01 01050
11,00	142	94	1140 01 01100
11,20	142	94	1140 01 01120
11,50	142	94	1140 01 01150
12,00	151	101	1140 01 01200
12,50	151	101	1140 01 01250
13,00	151	101	1140 01 01300
13,50	160	108	1140 01 01350
14,00	160	108	1140 01 01400
14,50	169	114	1140 01 01450
15,00	169	114	1140 01 01500
15,50	178	120	1140 01 01550
16,00	178	120	1140 01 01600

Art. 1140-red

Punte elicoidali DIN 338 HSS-E (Co 5) rettificare, codolo ridotto, Split Point

Twist Drills DIN 338 HSS-E (Co 5) Fully Ground, Reduced Shank, Split Point



Ø	L	Codolo	Articolo
mm	mm	Shank	Part-No.
11,00	142	10 x 30	1140 03 11100
12,00	151	10 x 30	1140 03 11200
13,00	151	10 x 30	1140 03 11300
14,00	160	10 x 30	1140 03 11400
15,00	169	10 x 30	1140 03 11500
16,00	178	10 x 30	1140 03 11600
17,00	184	13 x 30	1140 03 11700
18,00	191	13 x 30	1140 03 11800
19,00	198	13 x 30	1140 03 11900
20,00	205	13 x 30	1140 03 12000

Art. 1250

Punte elicoidali DIN 1897 HSS-G rettificate, Split Point
Twist Drills DIN 1897 HSS-G Fully Ground, Split Point



Ø mm	L mm	L2 mm	Articolo Part-No.
3,00	46	16	1250 01 00300
3,20	49	18	1250 01 00320
3,25	49	18	1250 01 00325
3,30	49	18	1250 01 00330
3,50	52	20	1250 01 00350
3,80	55	22	1250 01 00380
4,00	55	22	1250 01 00400
4,10	55	22	1250 01 00410
4,20	55	22	1250 01 00420
4,50	58	24	1250 01 00450
4,80	62	26	1250 01 00480
4,90	62	26	1250 01 00490
5,00	62	26	1250 01 00500
5,10	62	26	1250 01 00510
5,20	62	26	1250 01 00520
5,50	66	28	1250 01 00550
6,00	66	28	1250 01 00600

Art. 1260

Punte elicoidali DIN 1897 HSS-E (Co 5) rettificate,
Split Point
Twist Drills DIN 1897 HSS-E (Co 5), Fully Ground,
Split Point



Ø mm	L mm	L2 mm	Articolo Part-No.
3,00	46	16	1260 01 00300
3,10	49	18	1260 01 00310
3,20	49	18	1260 01 00320
3,25	49	18	1260 01 00325
3,30	49	18	1260 01 00330
3,50	52	20	1260 01 00350
4,00	55	22	1260 01 00400
4,10	55	22	1260 01 00410
4,20	55	22	1260 01 00420
4,50	58	24	1260 01 00450
4,80	62	26	1260 01 00480
4,90	62	26	1260 01 00490
5,00	62	26	1260 01 00500
5,10	62	26	1260 01 00510
5,20	62	26	1260 01 00520
5,50	66	28	1260 01 00550
6,00	66	28	1260 01 00600
6,50	70	31	1260 01 00650
7,00	74	34	1260 01 00700
7,50	74	34	1260 01 00750
8,00	79	37	1260 01 00800
8,50	79	37	1260 01 00850
9,00	84	40	1260 01 00900
9,50	84	40	1260 01 00950
10,00	89	43	1260 01 01000

Art. 1300

Punte a doppio tagliente HSS-G rettificate, Split Point
Double Ended Drills HSS-G, Fully Ground, Split Point



Ø mm	L mm	L2 mm	Articolo Part-No.
2,00	43	13	1300 01 00200
2,50	43	13	1300 01 00250
3,00	46	13	1300 01 00300
3,10	49	13	1300 01 00310
3,20	49	13	1300 01 00320
3,25	49	13	1300 01 00325
3,30	49	13	1300 01 00330
3,50	49	13	1300 01 00350
4,00	52	16	1300 01 00400
4,10	55	16	1300 01 00410

Ø mm	L mm	L2 mm	Articolo Part-No.
4,20	55	16	1300 01 00420
4,50	58	16	1300 01 00450
4,90	62	16	1300 01 00490
5,00	62	16	1300 01 00500
5,10	62	16	1300 01 00510
5,20	62	16	1300 01 00520
5,50	66	19	1300 01 00550
6,00	66	19	1300 01 00600

Art. 1340

Punte elicoidali DIN 340 HSS laminate
Twist Drills DIN 340 HSS, Roll Forged



Ø mm	L mm	L2 mm	Articolo Part-No.
2,00	85	56	1340 01 00200
2,50	95	62	1340 01 00250
2,80	100	66	1340 01 00280
3,00	100	66	1340 01 00300
3,10	106	69	1340 01 00310
3,20	106	69	1340 01 00320
3,30	106	69	1340 01 00330
3,40	112	73	1340 01 00340
3,50	112	73	1340 01 00350
3,70	112	73	1340 01 00370
3,80	119	78	1340 01 00380
3,90	119	78	1340 01 00390
4,00	119	78	1340 01 00400
4,10	119	78	1340 01 00410
4,20	119	78	1340 01 00420
4,30	126	82	1340 01 00430
4,40	126	82	1340 01 00440
4,50	126	82	1340 01 00450
4,80	132	87	1340 01 00480
4,90	132	87	1340 01 00490
5,00	132	87	1340 01 00500
5,10	132	87	1340 01 00510
5,20	132	87	1340 01 00520
5,50	139	91	1340 01 00550
5,80	139	91	1340 01 00580
6,00	139	91	1340 01 00600
6,20	148	97	1340 01 00620
6,30	148	97	1340 01 00630
6,50	148	97	1340 01 00650
6,80	156	102	1340 01 00680
7,00	156	102	1340 01 00700
7,50	156	102	1340 01 00750
8,00	165	109	1340 01 00800
8,50	165	109	1340 01 00850
9,00	175	115	1340 01 00900
9,50	175	115	1340 01 00950
10,00	184	121	1340 01 01000
10,50	184	121	1340 01 01050
11,00	195	128	1340 01 01100
11,50	195	128	1340 01 01150
12,00	205	134	1340 01 01200
12,50	205	134	1340 01 01250
13,00	205	134	1340 01 01300

Art. 1350

Punte elicoidali DIN 340 HSS-G rettificate, Split Point
Twist Drills DIN 340 HSS-G, Fully Ground, Split Point



Ø mm	L mm	L2 mm	Articolo Part-No.
2,00	85	56	1350 01 00200
2,50	95	62	1350 01 00250
3,00	100	66	1350 01 00300
3,10	106	69	1350 01 00310
3,20	106	69	1350 01 00320
3,30	106	69	1350 01 00330
3,50	112	73	1350 01 00350
3,60	112	73	1350 01 00360
3,70	112	73	1350 01 00370

Ø mm	L mm	L2 mm	Articolo Part-No.
3,80	119	78	1350 01 00380
3,90	119	78	1350 01 00390
4,00	119	78	1350 01 00400
4,10	119	78	1350 01 00410
4,20	119	78	1350 01 00420
4,30	126	82	1350 01 00430
4,40	126	82	1350 01 00440
4,50	126	82	1350 01 00450
4,80	132	87	1350 01 00480
4,90	132	87	1350 01 00490
5,00	132	87	1350 01 00500
5,10	132	87	1350 01 00510
5,20	132	87	1350 01 00520
5,30	132	87	1350 01 00530
5,40	139	91	1350 01 00540
5,50	139	91	1350 01 00550
5,80	139	91	1350 01 00580
6,00	139	91	1350 01 00600
6,50	148	97	1350 01 00650
7,00	156	102	1350 01 00700
7,50	156	102	1350 01 00750
8,00	165	109	1350 01 00800
8,50	165	109	1350 01 00850
9,00	175	115	1350 01 00900
9,50	175	115	1350 01 00950
10,00	184	121	1350 01 01000
10,50	184	121	1350 01 01050
11,00	195	128	1350 01 01100
11,50	195	128	1350 01 01150
12,00	205	134	1350 01 01200
12,50	205	134	1350 01 01250
13,00	205	134	1350 01 01300

Art. 1400

Punte elicoidali DIN 1869 HSS-G rettificate, Split Point
Twist Drills DIN 1869 HSS-G, Fully Ground, Split Point



Ø mm	L mm	L2 mm	Articolo Part-No.
Serie 1 / Serie 1			
2,00	125	85	1400 07 10200
2,50	140	85	1400 07 10250
3,00	150	100	1400 07 10300
3,20	155	105	1400 07 10320
3,30	155	105	1400 07 10330
3,50	165	115	1400 07 10350
4,00	175	120	1400 07 10400
4,20	175	120	1400 07 10420
4,50	185	125	1400 07 10450
5,00	195	135	1400 07 10500
5,50	205	140	1400 07 10550
6,00	205	140	1400 07 10600
6,50	215	150	1400 07 10650
7,00	225	155	1400 07 10700
7,50	225	155	1400 07 10750
8,00	240	165	1400 07 10800
8,50	240	165	1400 07 10850
9,00	250	175	1400 07 10900
9,50	250	175	1400 07 10950
10,00	265	185	1400 07 11000
10,50	265	185	1400 07 11050
11,00	280	195	1400 07 11100
11,50	280	195	1400 07 11150
12,00	295	205	1400 07 11200
12,50	295	205	1400 07 11250
13,00	295	205	1400 07 11300
Serie 2 / Serie 2			
3,00	190	130	1400 07 20300
3,20	200	135	1400 07 20320
3,50	210	145	1400 07 20350
4,00	220	150	1400 07 20400
4,20	220	150	1400 07 20420
4,50	235	160	1400 07 20450
5,00	245	170	1400 07 20500
5,50	260	180	1400 07 20550
6,00	260	180	1400 07 20600
6,50	275	190	1400 07 20650
7,00	290	200	1400 07 20700

Ø mm	L mm	L2 mm	Articolo Part-No.
7,50	290	200	1400 07 20750
8,00	305	210	1400 07 20800
8,50	305	210	1400 07 20850
9,00	320	220	1400 07 20900
9,50	320	220	1400 07 20950
10,00	340	235	1400 07 21000
10,50	340	235	1400 07 21050
11,00	365	250	1400 07 21100
11,50	365	250	1400 07 21150
12,00	375	260	1400 07 21200
12,50	375	260	1400 07 21250
13,00	375	260	1400 07 21300

Serie 3 / Serie 3

3,50	265	180	1400 07 30350
4,00	280	190	1400 07 30400
4,20	280	190	1400 07 30420
4,50	295	200	1400 07 30450
5,00	315	210	1400 07 30500
5,50	330	225	1400 07 30550
6,00	330	225	1400 07 30600
6,50	350	235	1400 07 30650
7,00	370	250	1400 07 30700
7,50	370	250	1400 07 30750
8,00	390	265	1400 07 30800
8,50	390	265	1400 07 30850
9,00	410	280	1400 07 30900
10,00	430	295	1400 07 31000
10,50	430	295	1400 07 31050
11,00	455	310	1400 07 31100
11,50	455	310	1400 07 31150
12,00	480	330	1400 07 31200
12,50	480	330	1400 07 31250
13,00	480	330	1400 07 31300

Art. 1450

Punte elicoidali DIN 345 HSS, laminate
Taper Shank Drills DIN 345 HSS, Roll Forged



Ø mm	CM TP	L mm	L2 mm	Articolo Part-No.
10,00	1	168	87	1450 03 01000
10,50	1	168	87	1450 03 01050
11,00	1	175	94	1450 03 01100
11,50	1	175	94	1450 03 01150
12,00	1	182	101	1450 03 01200
12,50	1	182	101	1450 03 01250
13,00	1	182	101	1450 03 01300
13,50	1	189	108	1450 03 01350
14,00	1	189	108	1450 03 01400
14,50	2	212	114	1450 03 01450
15,00	2	212	114	1450 03 01500
15,50	2	218	120	1450 03 01550
16,00	2	218	120	1450 03 01600
16,50	2	223	125	1450 03 01650
17,00	2	228	130	1450 03 01700
17,50	2	228	130	1450 03 01750
18,00	2	228	130	1450 03 01800
18,50	2	233	135	1450 03 01850
19,00	2	233	135	1450 03 01900
19,50	2	238	140	1450 03 01950
20,00	2	238	140	1450 03 02000
20,50	2	243	145	1450 03 02050
21,00	2	243	145	1450 03 02100
21,50	2	248	150	1450 03 02150
22,00	2	248	150	1450 03 02200
22,50	2	253	155	1450 03 02250
23,00	2	253	155	1450 03 02300
23,50	3	276	155	1450 03 02350
24,00	3	281	160	1450 03 02400
24,50	3	281	160	1450 03 02450
25,00	3	281	160	1450 03 02500
25,50	3	286	165	1450 03 02550
26,00	3	286	165	1450 03 02600
26,50	3	286	165	1450 03 02650
27,00	3	291	170	1450 03 02700
27,50	3	291	170	1450 03 02750
28,00	3	291	170	1450 03 02800
28,50	3	296	175	1450 03 02850

Ø mm	CM TP	L mm	L2 mm	Articolo Part-No.
29,00	3	296	175	1450 03 02900
29,50	3	296	175	1450 03 02950
30,00	3	296	175	1450 03 03000
30,50	3	301	180	1450 03 03050
31,00	3	301	180	1450 03 03100
31,50	3	301	180	1450 03 03150
32,00	4	334	185	1450 03 03200
32,50	4	334	185	1450 03 03250
33,00	4	334	185	1450 03 03300
33,50	4	334	185	1450 03 03350
34,00	4	339	190	1450 03 03400
34,50	4	339	190	1450 03 03450
35,00	4	339	190	1450 03 03500
35,50	4	339	190	1450 03 03550
36,00	4	344	195	1450 03 03600
36,50	4	344	195	1450 03 03650
37,00	4	344	195	1450 03 03700
37,50	4	344	195	1450 03 03750
38,00	4	349	200	1450 03 03800
38,50	4	349	200	1450 03 03850
39,00	4	349	200	1450 03 03900
39,50	4	349	200	1450 03 03950
40,00	4	349	200	1450 03 04000
40,50	4	354	205	1450 03 04050
41,00	4	354	205	1450 03 04100
41,50	4	354	205	1450 03 04150
42,00	4	354	205	1450 03 04200
42,50	4	354	205	1450 03 04250
43,00	4	359	210	1450 03 04300
43,50	4	359	210	1450 03 04350
44,00	4	359	210	1450 03 04400
44,50	4	359	210	1450 03 04450
45,00	4	359	210	1450 03 04500
45,50	4	364	215	1450 03 04550
46,00	4	364	215	1450 03 04600
46,50	4	364	215	1450 03 04650
47,00	4	364	215	1450 03 04700
47,50	4	364	215	1450 03 04750
48,00	4	369	220	1450 03 04800
48,50	4	369	220	1450 03 04850
49,00	4	369	220	1450 03 04900
49,50	4	369	220	1450 03 04950
50,00	4	369	220	1450 03 05000
51,00	5	412	225	1450 15 05100
52,00	5	412	225	1450 15 05200
53,00	5	412	225	1450 15 05300
54,00	5	417	230	1450 15 05400
55,00	5	417	230	1450 15 05500
56,00	5	417	230	1450 15 05600
57,00	5	422	235	1450 15 05700
58,00	5	422	235	1450 15 05800
59,00	5	422	235	1450 15 05900
60,00	5	422	235	1450 15 06000
61,00	5	427	240	1450 15 06100
62,00	5	427	240	1450 15 06200
63,00	5	427	240	1450 15 06300
64,00	5	432	245	1450 15 06400
65,00	5	432	245	1450 15 06500
66,00	5	432	245	1450 15 06600
67,00	5	432	245	1450 15 06700
68,00	5	437	250	1450 15 06800
69,00	5	437	250	1450 15 06900
70,00	5	437	250	1450 15 07000
71,00	5	437	250	1450 15 07100
72,00	5	442	255	1450 15 07200
73,00	5	442	255	1450 15 07300
74,00	5	442	255	1450 15 07400
75,00	5	442	255	1450 15 07500
76,00	5	447	260	1450 15 07600
77,00	6	514	260	1450 15 07700
78,00	6	514	260	1450 15 07800
79,00	6	514	260	1450 15 07900
80,00	6	514	260	1450 15 08000
81,00	6	519	265	1450 15 08100
82,00	6	519	265	1450 15 08200
83,00	6	519	265	1450 15 08300
84,00	6	519	265	1450 15 08400
85,00	6	519	265	1450 15 08500
86,00	6	524	270	1450 15 08600
87,00	6	524	270	1450 15 08700
88,00	6	524	270	1450 15 08800
89,00	6	524	270	1450 15 08900

Ø mm	CM TP	L mm	L2 mm	Articolo Part-No.
90,00	6	524	270	1450 15 09000
91,00	6	529	275	1450 15 09100
92,00	6	529	275	1450 15 09200
93,00	6	529	275	1450 15 09300
94,00	6	529	275	1450 15 09400
95,00	6	529	275	1450 15 09500
96,00	6	534	280	1450 15 09600
97,00	6	534	280	1450 15 09700
98,00	6	534	280	1450 15 09800
99,00	6	534	280	1450 15 09900
100,00	6	534	280	1450 15 10000

Art. 1470

Punte elicoidali DIN 345 HSS-E (Co 5)
Taper Shank Drills a 345 HSS-E (Co 5)



Ø mm	CM TP	L mm	L2 mm	Articolo Part-No.
10,00	1	168	87	1470 03 01000
11,00	1	175	94	1470 03 01100
11,50	1	175	94	1470 03 01150
12,00	1	182	101	1470 03 01200
12,50	1	182	101	1470 03 01250
13,00	1	182	101	1470 03 01300
13,50	1	189	108	1470 03 01350
14,00	1	189	108	1470 03 01400
14,50	2	212	114	1470 03 01450
15,00	2	212	114	1470 03 01500
15,50	2	218	120	1470 03 01550
16,00	2	218	120	1470 03 01600
16,50	2	223	125	1470 03 01650
17,00	2	228	130	1470 03 01700
17,50	2	228	130	1470 03 01750
18,00	2	228	130	1470 03 01800
18,50	2	233	135	1470 03 01850
19,00	2	233	135	1470 03 01900
19,50	2	238	140	1470 03 01950
20,00	2	238	140	1470 03 02000
20,50	2	243	145	1470 03 02050
21,00	2	243	145	1470 03 02100
21,50	2	248	150	1470 03 02150
22,00	2	248	150	1470 03 02200
22,50	2	253	155	1470 03 02250
23,00	2	253	155	1470 03 02300
23,50	3	276	155	1470 03 02350
24,00	3	281	160	1470 03 02400
24,50	3	281	160	1470 03 02450
25,00	3	281	160	1470 03 02500
26,00	3	286	165	1470 03 02600
27,00	3	291	170	1470 03 02700
27,50	3	291	170	1470 03 02750
28,00	3	291	170	1470 03 02800
28,50	3	296	175	1470 03 02850
29,00	3	296	175	1470 03 02900
29,50	3	296	175	1470 03 02950
30,00	3	296	175	1470 03 03000

Art. 1600

Punte a centrare DIN 333 A 60° HSS
Centre Drills DIN 333 A 60° HSS



Ø mm	Codolo Shank	Articolo Part-No.
1,00	3,15	1600 03 00100
1,25	3,15	1600 03 00125
1,60	4,00	1600 03 00160
2,00	5,00	1600 03 00200
2,50	6,30	1600 03 00250
3,15	8,00	1600 03 00315
4,00	10,00	1600 03 00400
5,00	12,50	1600 03 00500
6,30	16,00	1600 03 00630

Art. 4100

Assortimento maschi a mano DIN 352, 3-pz.
HSS-G rettificati M
Hand Tap Sets DIN 352, 3-pcs.,
HSS-G Fully Ground M



M	Passo Pitch	Articolo Part-No.
M 3	0,50	4100 11 00300
M 4	0,70	4100 11 00400
M 5	0,80	4100 11 00500
M 6	1,00	4100 11 00600
M 8	1,25	4100 11 00800
M 10	1,50	4100 11 01000
M 12	1,75	4100 11 01200
M 14	2,00	4100 11 01400
M 16	2,00	4100 11 01600
M 18	2,50	4100 11 01800
M 20	2,50	4100 11 02000
M 22	2,50	4100 11 02200
M 24	3,00	4100 11 02400
M 27	3,00	4100 11 02700
M 30	3,50	4100 11 03000

Art. 4100

Maschi a mano DIN 352 HSS-G, finitore
Hand Taps DIN 352 HSS-G, plug



M	Passo Pitch	Articolo Part-No.
M 3	0,50	4100 11 30300
M 4	0,70	4100 11 30400
M 5	0,80	4100 11 30500
M 6	1,00	4100 11 30600
M 8	1,25	4100 11 30800
M 10	1,50	4100 11 31000
M 12	1,75	4100 11 31200
M 14	2,00	4100 11 31400
M 16	2,00	4100 11 31600
M 18	2,50	4100 11 31800
M 20	2,50	4100 11 32000
M 22	2,50	4100 11 32200
M 24	3,00	4100 11 32400
M 27	3,00	4100 11 32700
M 30	3,50	4100 11 33000

Sgrosso e Intermedio sono disponibili a richiesta
Taper and second tap are available on request

Art. 4200

Filiere tonde EN 22568 (DIN 223 B)
HSS-G rettificati M
Circular Dies EN 22568 (DIN 223 B)
HSS-G Fully Ground M



M	Passo Pitch	Articolo Part-No.
M 3	0,50	4200 11 00300
M 4	0,70	4200 11 00400
M 5	0,80	4200 11 00500
M 6	1,00	4200 11 00600
M 8	1,25	4200 11 00800
M 10	1,50	4200 11 01000
M 12	1,75	4200 11 01200
M 14	2,00	4200 11 01400
M 16	2,00	4200 11 01600
M 18	2,50	4200 11 01800
M 20	2,50	4200 11 02000
M 22	2,50	4200 11 02200
M 24	3,00	4200 11 02400
M 27	3,00	4200 11 02700
M 30	3,50	4200 11 03000

Art. 4101

Assortimento maschi a mano DIN 2181, 2-pz.
HSS-G rettificati MF
Hand Tap Sets DIN 2181, 2-pcs.,
HSS-G Fully Ground MF



MF	Passo Pitch	Articolo Part-No.
MF 3	0,35	4101 11 00303
MF 4	0,35	4101 11 00403
MF 4	0,50	4101 11 00405
MF 5	0,50	4101 11 00505
MF 6	0,75	4101 11 00607
MF 8	0,75	4101 11 00807
MF 8	1,00	4101 11 00810
MF 10	1,00	4101 11 01010
MF 10	1,25	4101 11 01012
MF 12	1,00	4101 11 01210
MF 12	1,25	4101 11 01212
MF 12	1,50	4101 11 01215
MF 14	1,00	4101 11 01410
MF 14	1,25	4101 11 01412
MF 14	1,50	4101 11 01415
MF 16	1,00	4101 11 01610
MF 16	1,50	4101 11 01615
MF 18	1,50	4101 11 01815
MF 20	1,50	4101 11 02015
MF 22	1,50	4101 11 02215
MF 24	1,50	4101 11 02415

Art. 4202

Filiere tonde EN 22568 (DIN 223 B) HSS-G
rettificate MF
Circular Dies EN 22568 (DIN 223 B) HSS-G
Fully Ground MF



MF	Passo Pitch	Articolo Part-No.
MF 6	0,75	4202 11 00607
MF 8	0,75	4202 11 00807
MF 8	1,00	4202 11 00810
MF 10	1,00	4202 11 01010
MF 10	1,25	4202 11 01012
MF 12	1,00	4202 11 01210
MF 12	1,25	4202 11 01212
MF 12	1,50	4202 11 01215
MF 14	1,25	4202 11 01412
MF 14	1,50	4202 11 01415
MF 16	1,50	4202 11 01615
MF 18	1,50	4202 11 01815
MF 20	1,50	4202 11 02015
MF 22	1,50	4202 11 02215
MF 24	1,50	4202 11 02415

Art. 4102

Assortimento maschi a mano DIN 5157, 2-pz.
HSS-G rettificati G/BSP
Hand Tap Sets DIN 5157, 2-pcs.,
HSS-G Fully Ground G/BSP



BSP	Passo Pitch	Articolo Part-No.
G 1/8	28	4102 11 00018
G 1/4	19	4102 11 00014
G 3/8	19	4102 11 00038
G 1/2	14	4102 11 00012
G 5/8	14	4102 11 00058
G 3/4	14	4102 11 00034
G 1	11	4102 11 00100

Art. 4203

Filiere tonde EN 24231 (DIN 5158) HSS-G
rettificate G/BSP
Circular Dies EN 24231 (DIN 5158) HSS-G
Fully Ground G/BSP



BSP	Passo Pitch	Articolo Part-No.
G 1/8	28	4203 11 00018
G 1/4	19	4203 11 00014
G 3/8	19	4203 11 00038
G 1/2	14	4203 11 00012
G 5/8	14	4203 11 00058
G 3/4	14	4203 11 00034
G 1	11	4203 11 00100

Art. 4171

Punte combinate, codolo esagonale 1/4", HSS-G,
rettificate M
Combined Thread-Bits 1/4" hex-shank, HSS-G
Fully Ground M



M	Passo Pitch	Articolo Part-No.
M 3	0,50	4171 03 00300
M 4	0,70	4171 03 00400
M 5	0,80	4171 03 00500
M 6	1,00	4171 03 00600
M 8	1,25	4171 03 00800
M 10	1,50	4171 03 01000

Art. 4140 / 4141

Maschi a macchina, versione lunga DIN 371 / 376, Forma B,
HSS-G rettificati
Long Machine Taps DIN 371 / 376, Form B,
HSS-G Fully Ground



HSS

M	Passo Pitch	Articolo Part-No.
DIN 371		
M 3	0,50	4140 03 00300
M 4	0,70	4140 03 00400
M 5	0,80	4140 03 00500
M 6	1,00	4140 03 00600
M 8	1,25	4140 03 00800
M 10	1,50	4140 03 01000
DIN 376		
M 3	0,50	4141 03 00300
M 4	0,70	4141 03 00400
M 5	0,80	4141 03 00500
M 6	1,00	4141 03 00600
M 8	1,25	4141 03 00800
M 10	1,50	4141 03 01000
M 12	1,75	4141 03 01200
M 14	2,00	4141 03 01400
M 16	2,00	4141 03 01600
M 18	2,50	4141 03 01800
M 20	2,50	4141 03 02000
M 22	2,50	4141 03 02200
M 24	3,00	4141 03 02400

Art. 4142 / 4143

Maschi a macchina versione lunga DIN 371/376, Forma B, HSS-E (Co 5) rettificati
Long Machine Taps DIN 371 / 376, Form B, HSS-E (Co 5)



**HSS-E
Co5**

M	Passo Pitch	Articolo Part-No.
DIN 371		
M 3	0,50	4142 03 00300
M 4	0,70	4142 03 00400
M 5	0,80	4142 03 00500
M 6	1,00	4142 03 00600
M 8	1,25	4142 03 00800
M 10	1,50	4142 03 01000
DIN 376		
M 12	1,75	4143 03 01200
M 14	2,00	4143 03 01400
M 16	2,00	4143 03 01600
M 18	2,50	4143 03 01800
M 20	2,50	4143 03 02000
M 22	2,50	4143 03 02200
M 24	3,00	4143 03 02400

Art. 4147

Maschi a macchina DIN 371, Forma B, HSS-Co TiN, Scanalatura diritta
Machine Taps DIN 371, Form B, HSS-Co TiN, Straight Flute



M	Passo Pitch	Articolo Part-No.
M 3	0,50	4147 03 00300
M 4	0,70	4147 03 00400
M 5	0,80	4147 03 00500
M 6	1,00	4147 03 00600
M 8	1,25	4147 03 00800
M 10	1,50	4147 03 01000

Art. 4150 / 4151

Maschi a macchina versione lunga DIN 371/376, Form C, 35° RSP, HSS-G rettificati
Long Machine Taps DIN 371/376, Form C, 35° RSP, HSS-G Fully Ground



HSS

M	Passo Pitch	Articolo Part-No.
DIN 371		
M 3	0,50	4150 03 00300
M 4	0,70	4150 03 00400
M 5	0,80	4150 03 00500
M 6	1,00	4150 03 00600
M 8	1,25	4150 03 00800
M 10	1,50	4150 03 01000
DIN 376		
M 6	1,00	4151 03 00600
M 8	1,25	4151 03 00800
M 10	1,50	4151 03 01000
M 12	1,75	4151 03 01200
M 14	2,00	4151 03 01400
M 16	2,00	4151 03 01600
M 18	2,50	4151 03 01800
M 20	2,50	4151 03 02000
M 22	2,50	4151 03 02200
M 24	3,00	4151 03 02400

Art. 4150

Maschi a macchina DIN 371, Forma C, HSS-G, Scanalature 15°
Machine Taps DIN 371, Form C, HSS-G, 15° Flute



M	Passo Pitch	Articolo Part-No.
M 3	0,50	4150 09 00300
M 4	0,70	4150 09 00400
M 5	0,80	4150 09 00500
M 6	1,00	4150 09 00600
M 8	1,25	4150 09 00800
M 10	1,50	4150 09 01000

Art. 4151

Maschi a macchina DIN 376, Forma C, HSS-G, Scanalature 15°
Machine Taps DIN 376, Form C, HSS-G, 15° Flute



M	Passo Pitch	Articolo Part-No.
M 3	0,50	4151 09 00300
M 4	0,70	4151 09 00400
M 5	0,80	4151 09 00500
M 6	1,00	4151 09 00600
M 8	1,25	4151 09 00800
M 10	1,50	4151 09 01000
M 12	1,75	4151 09 01200
M 14	2,00	4151 09 01400
M 16	2,00	4151 09 01600
M 18	2,50	4151 09 01800
M 20	2,50	4151 09 02000

Art. 4100

Maschi a macchina DIN 376, Forma C, HSS-G, Scanalature 15° sinistra
Machine Taps DIN 376, Form C, HSS-G, left hand 15° Flute



M	Passo Pitch	Articolo Part-No.
M 3	0,50	4100 09 00300
M 4	0,70	4100 09 00400
M 5	0,80	4100 09 00500
M 6	1,00	4100 09 00600
M 8	1,25	4100 09 00800
M 10	1,50	4100 09 01000
M 12	1,75	4100 09 01200

Art. 4176

Maschi a macchina DIN 374, Forma C, HSS-G, Filettatura BSP, Scanalature 15°
Machine Taps DIN 374, Form C, HSS-G, BSP-Thread, 15° Flute



BSP	Passo Pitch	Articolo Part-No.
G 1/8	28	4176 03 00018
G 1/4	19	4176 03 00014
G 3/8	19	4176 03 00038
G 1/2	14	4176 03 00012
G 5/8	14	4176 03 00058
G 3/4	14	4176 03 00034
G 7/8	14	4176 03 00078
G 1	11	4176 03 00100

Art. 4152 / 4153

Maschi a macchina versione lunga DIN 371/376, Forma C, 35° RSP, HSS-E (Co 5) Scanalature 35°
Long Machine Taps DIN 371/376, Form C, 35° RSP, HSS-E (Co 5) 35° Flute



**HSS-E
Co5**

M	Passo Pitch	Articolo Part-No.
DIN 371		
M 3	0,50	4152 03 00300
M 4	0,70	4152 03 00400
M 5	0,80	4152 03 00500
M 6	1,00	4152 03 00600
M 8	1,25	4152 03 00800
M 10	1,50	4152 03 01000
DIN 376		
M 12	1,75	4153 03 01200
M 14	2,00	4153 03 01400
M 16	2,00	4153 03 01600
M 18	2,50	4153 03 01800
M 20	2,50	4153 03 02000
M 22	2,50	4153 03 02200
M 24	3,00	4153 03 02400

Art. 4157

Maschi a macchina DIN 371, Forma C, HSS-Co TiN, Scanalature 35°
Machine Taps DIN 371, Form C, HSS-Co TiN, 35° Flute



M	Passo Pitch	Articolo Part-No.
M 3	0,50	4157 03 00300
M 4	0,70	4157 03 00400
M 5	0,80	4157 03 00500
M 6	1,00	4157 03 00600
M 8	1,25	4157 03 00800
M 10	1,50	4157 03 01000

Art. 4160

Maschi a macchina per dadi DIN 357, Forma A, HSS-G rettificati
Machine Nut Taps DIN 357, Form A, HSS-G Fully Ground



M	Passo Pitch	Articolo Part-No.
M 3	0,50	4160 03 00305
M 4	0,70	4160 03 00407
M 5	0,80	4160 03 00508
M 6	1,00	4160 03 00610
M 8	1,25	4160 03 00812
M 10	1,50	4160 03 01015
M 12	1,75	4160 03 01217

Art. 4300

Giramaschi regolabili DIN 1814
Adjustable Tap Wrenches DIN 1814



Misura Size	M - MF	Articolo Part-No.
0	M 1 - 8	4300 15 00000
1	M 1 - 10	4300 15 00010
1 1/2	M 1 - 12	4300 15 00015
2	M 4 - 12	4300 15 00020
3	M 5 - 20	4300 15 00030
4	M 11 - 27	4300 15 00040
5	M 13 - 32	4300 15 00050

Art. 4400

Porta filiere DIN 225
Die Stocks DIN 225



Grandezza Size	Misura Measure	Articolo Part-No.
0	16 x 5	4400 15 01605
1	20 x 5	4400 15 02005
2	20 x 7	4400 15 02007
3	25 x 9	4400 15 02509
4	30 x 11	4400 15 03011
5	38 x 10	4400 15 03810
5b	38 x 14	4400 15 03814
6	45 x 14	4400 15 04514
6b	45 x 18	4400 15 04518
7	55 x 16	4400 15 05516
7b	55 x 22	4400 15 05522
8	65 x 18	4400 15 06518
8b	65 x 25	4400 15 06525

Art. 4302

Giramaschi a cricchetto
Tap Wrenches with ratchet



Grandezza Size	L mm	M	Articolo Part-No.
versione corta / short version			
1	85	M 3 - 10	4302 15 00001
2	100	M 5 - 12	4302 15 00002
versione lunga / long version			
10	250	M 3 - 10	4302 15 00010
20	300	M 5 - 12	4302 15 00020

Art. 9700

Estrattori per viti CV
Screw extractors



Grandezza Size	M - MF	Articolo Part-No.
1	M 3 ÷ 6	9700 07 00001
2	M 6 ÷ 8	9700 07 00002
3	M 8 ÷ 11	9700 07 00003
4	M 11 ÷ 14	9700 07 00004
5	M 14 ÷ 18	9700 07 00005
6	M 18 ÷ 24	9700 07 00006
7	M 24 ÷ 33	9700 07 00007
8	M 33 ÷ 50	9700 07 00008

Art. 1700

Svasatore DIN 335 Forma C 90° HSS
Countersinks DIN 335 Type C 90° HSS



Ø mm	Codolo Shank	Articolo Part-No.
4,3	4	1700 03 04390
5,0	4	1700 03 05090
6,0	5	1700 03 06090
6,3	5	1700 03 06390
7,0	6	1700 03 07090
7,3	6	1700 03 07390
8,0	6	1700 03 08090
8,3	6	1700 03 08390
9,4	6	1700 03 09490
10,0	6	1700 03 10090
10,4	6	1700 03 10490
11,5	8	1700 03 11590
12,0	8	1700 03 12090
12,4	8	1700 03 12490
15,0	10	1700 03 15090
16,5	10	1700 03 16590
19,0	10	1700 03 19090
20,5	10	1700 03 20590
23,0	10	1700 03 23090
25,0	10	1700 03 25090
31,0	12	1700 03 31090

Art. 1710

Svasatore DIN 335 Forma C 90° HSS-E (Co 5)
Countersinks DIN 335 Form C 90° HSS-E (Co 5)



Ø mm	Codolo Shank	Articolo Part-No.
6,3	5	1710 03 06390
8,3	6	1710 03 08390
10,4	6	1710 03 10490
12,4	8	1710 03 12490
16,5	10	1710 03 16590
20,5	10	1710 03 20590
25,0	10	1710 03 25090
31,0	12	1710 03 31090

Art. 1720

Sbavatore HSS con foro trasversale
Countersinks HSS with Cross Hole



Grandezza Size	Ø Foro Range	Articolo Part-No.
1	2 - 5	1720 03 00001
2	5 - 10	1720 03 00002
3	10 - 15	1720 03 00003
4	15 - 20	1720 03 00004
5	20 - 25	1720 03 00005
6	25 - 30	1720 03 00006

Art. 1740

Svasatore per lamiere HSS
Sheet Metal Drills HSS



Grandezza Size	Ø Foro Range	Articolo Part-No.
1	3 - 14	1740 03 00001
2	6 - 20	1740 03 00002
3	16 - 30,5	1740 03 00003
4	26 - 40	1740 03 00004
L	6 - 30	1740 03 00007

Art. 1760

Punte a gradini HSS
Stepped Drills HSS



Grandezza Size	Ø Foro Range	Articolo Part-No.
1	4 - 12	1760 03 00001
2	12 - 20	1760 03 00002
3	20 - 30	1760 03 00003
1A	4 - 12	1760 03 00011
2A	4 - 20	1760 03 00022
3A	4 - 30	1760 03 00033
4	6 - 26,75 PG 7 - 21	1760 03 00044
5	6 - 37 PG 7 - 29	1760 03 00055
6	4 - 39	1760 03 00066
9	5,3 - 30,5	1760 03 00099
10	5,3 - 38,5	1760 03 01010
11	6,5 - 32,5	1760 03 01111
12	6,5 - 40,5	1760 03 01212

Art. 2100 / 2150

Punte da muro nichelate, inserto in MD, angolo 130°
Masonry Drill Bits, Nickel plated, TCT, point angle 130°



Ø mm	Ø pollici inch	L mm	Articolo Part-No.
3,0	1/8	70	2100 07 00300
4,0	5/32	75	2100 07 00400
5,0	3/16	85	2100 07 00500
5,5	7/32	85	2100 07 00550
6,0	15/64	100	2100 07 00600
6,5	1/4	100	2100 07 00650
7,0	9/32	100	2100 07 00700
8,0	5/16	120	2100 07 00800
10,0	3/8	120	2100 07 01000
11,0	7/16	150	2100 07 01100
12,0	15/32	150	2100 07 01200
13,0	1/2	150	2100 07 01300
14,0	9/16	150	2100 07 01400
16,0	5/8	160	2100 07 01600
6,0	15/64	150	2150 07 00600
8,0	5/16	200	2150 07 00800
10,0	3/8	200	2150 07 01000
12,0	15/32	200	2150 07 01200
14,0	9/16	200	2150 07 01400

Art. 2260 / 2261

Punte da muro sabbiate, inserto in MD, angolo 130°
Masonry Drill Bits, Sand blasted, TCT, point angle 130°



Ø mm	Ø pollici inch	L mm	Articolo Part-No.
4,0	5/32	75	2260 07 00400
5,0	3/16	85	2260 07 00500
6,0	15/64	100	2260 07 00600
6,5	1/4	100	2260 07 00650
7,0	9/32	100	2260 07 00700
8,0	5/16	120	2260 07 00800
10,0	3/8	120	2260 07 01000
12,0	15/32	150	2260 07 01200
14,0	9/16	150	2260 07 01400
16,0	5/8	150	2260 07 01600
5,0	3/16	150	2261 07 00500
6,0	15/64	150	2261 07 00600
6,5	1/4	150	2261 07 00650
8,0	5/16	200	2261 07 00800
10,0	3/8	200	2261 07 01000
12,0	15/32	200	2261 07 01200
14,0	9/16	200	2261 07 01400
16,0	5/8	200	2261 07 01600
8,0	5/16	400	2261 07 00840
10,0	3/8	400	2261 07 01040
12,0	15/32	400	2261 07 01240
14,0	9/16	400	2261 07 01440
16,0	5/8	400	2261 07 01640

Art. 2250 / 2251 / 2252

LASER Punta da muro con inserto in MD,
DIN 8039 / ISO 5468, angolo 130°
LASER Masonry Drill Bits, TCT,
DIN 8039 / ISO 5468, point angle 130°



Ø mm	Ø pollici inch	L mm	Articolo Part-No.
3,0	1/8	70	2250 07 00300
4,0	5/32	75	2250 07 00400
5,0	3/16	85	2250 07 00500
5,5	7/32	85	2250 07 00550
6,0	15/64	100	2250 07 00600
6,5	1/4	100	2250 07 00650
7,0	9/32	100	2250 07 00700
8,0	5/16	120	2250 07 00800
9,0	11/32	120	2250 07 00900
10,0	3/8	120	2250 07 01000
12,0	15/32	150	2250 07 01200
13,0	1/2	150	2250 07 01300
14,0	9/16	150	2250 07 01400
16,0	5/8	150	2250 07 01600
5,0	3/16	150	2251 07 00500
5,5	7/32	150	2251 07 00550
6,0	15/64	150	2251 07 00600
6,5	1/4	150	2251 07 00650
8,0	5/16	200	2251 07 00800
10,0	3/8	200	2251 07 01000
12,0	15/32	200	2251 07 01200
14,0	9/16	200	2251 07 01400
6,0	15/64	400	2252 07 00600
8,0	5/16	400	2252 07 00800
10,0	3/8	400	2252 07 01000
12,0	1/2	400	2252 07 01200
14,0	9/16	400	2252 07 01400
16,0	5/8	400	2252 07 01600
18,0	11/16	400	2252 07 01800
20,0	25/32	400	2252 07 02000

Art. 2270

MULTI-LASER Punta universali, Split Point
MULTI-LASER Multi-Purpose Drill Bits, TCT, Split Point



Ø mm	L mm	L2 mm	Articolo Part-No.
3,0	1/8	70	2270 07 00300
4,0	5/32	75	2270 07 00400
5,0	3/16	85	2270 07 00500
5,5	7/32	85	2270 07 00550
6,0	15/64	100	2270 07 00600
6,5	1/4	100	2270 07 00650
7,0	9/32	100	2270 07 00700
8,0	5/16	120	2270 07 00800
9,0	11/32	120	2270 07 00900
10,0	3/8	120	2270 07 01000
12,0	15/32	150	2270 07 01200

Art. 2700

Punte per vetro in MD
Glass Drill Bits, TCT



Ø mm	L mm	Articolo Part-No.
3,0	58	2700 07 00300
4,0	58	2700 07 00400
5,0	58	2700 07 00500
6,0	58	2700 07 00600
8,0	78	2700 07 00800
10,0	98	2700 07 01000
12,0	98	2700 07 01200
Assortimento 5-pz / 5-pcs. Set		
GL-5	4 - 10	2700 08 00005

Art. 2612

NEW!

Punte per martelli SDS-plus QX-4,
con 4 taglienti MD, certificate da PGM
QX-4
Hammer Drill Bits SDS-plus QX-4,
with 4 Carbide Cutting Edges, PGM Certification-Mark



Ø mm	L mm Totale Overall	L mm Spirale Flute	Articolo Part-No.
5,0	110	50	2612 05 05011
5,0	160	100	2612 05 05016
5,0	210	150	2612 05 05021
6,0	110	50	2612 05 06011
6,0	160	100	2612 05 06016
6,0	210	150	2612 05 06021
6,0	260	200	2612 05 06026
8,0	110	50	2612 05 08011
8,0	160	100	2612 05 08016
8,0	210	150	2612 05 08021
8,0	260	200	2612 05 08026
10,0	160	100	2612 05 10016
10,0	210	150	2612 05 10021
10,0	260	200	2612 05 10026
10,0	310	250	2612 05 10031
10,0	460	400	2612 05 10046
12,0	160	100	2612 05 12016
12,0	210	150	2612 05 12021
12,0	260	200	2612 05 12026
12,0	310	250	2612 05 12031
12,0	450	400	2612 05 12045
14,0	160	100	2612 05 14016
14,0	210	150	2612 05 14021
14,0	260	200	2612 05 14026
14,0	450	400	2612 05 14045

Nota: con lunghezze superiori ai 400 mm è necessario pre-forare
con lo stesso diametro!
Note: For a working length of 400 mm and more pre-drilling with
the same diameter is essential!

Art. 2615

Punte per martelli SDS-plus 4-X,
con 4 taglienti MD
Hammer Drill Bits SDS-plus 4-X,
with 4 Carbide Cutting Edges



Ø mm	L mm	L2 mm	Articolo Part-No.
5,0	110	50	2615 05 05011
5,0	160	100	2615 05 05016
5,5	160	100	2615 05 05516
6,0	110	50	2615 05 06011
6,0	160	100	2615 05 06016
6,0	210	150	2615 05 06021
6,0	260	200	2615 05 06026
6,5	160	100	2615 05 06516
6,5	210	150	2615 05 06521
6,5	260	200	2615 05 06526
6,5	450	400	2615 05 06545
8,0	110	50	2615 05 08011
8,0	160	100	2615 05 08016
8,0	210	150	2615 05 08021
8,0	260	200	2615 05 08026
8,0	450	400	2615 05 08045
10,0	160	100	2615 05 10016
10,0	210	150	2615 05 10021
10,0	260	200	2615 05 10026
10,0	450	400	2615 05 10045
12,0	160	100	2615 05 12016
12,0	210	150	2615 05 12021
12,0	260	200	2615 05 12026
12,0	450	400	2615 05 12045
14,0	160	100	2615 05 14016
14,0	210	150	2615 05 14021
14,0	260	200	2615 05 14026
14,0	450	400	2615 05 14045
15,0	160	100	2615 05 15016
15,0	260	200	2615 05 15026

Ø mm	L mm	L2 mm	Articolo Part-No.
16,0	160	100	2615 05 16016
16,0	250	200	2615 05 16025
16,0	450	400	2615 05 16045
18,0	250	200	2615 05 18025
18,0	450	400	2615 05 18045
20,0	250	200	2615 05 20025
20,0	450	400	2615 05 20045
22,0	250	200	2615 05 22025
22,0	450	400	2615 05 22045
24,0	250	200	2615 05 24025
24,0	450	400	2615 05 24045
25,0	250	200	2615 05 25025
25,0	450	400	2615 05 25045
28,0	450	400	2615 05 28045
30,0	450	400	2615 05 30045

Nota: con lunghezze superiori ai 400 mm è necessario pre-forare
con lo stesso diametro!

Note: For a working length of 400 mm and more pre-drilling with
the same diameter is essential!

Art. 2610

Punte per martelli SDS-plus X-TREME4, 4 eliche
Hammer Drill Bits SDS-plus X-TREME4, 4 flut spiral



Ø mm	L mm	L2 mm	Articolo Part-No.
3,5	110	50	2610 05 03511
4,0	110	50	2610 05 04011
4,0	160	100	2610 05 04016
5,0	110	50	2610 05 05011
5,0	160	100	2610 05 05016
5,0	210	150	2610 05 05021
6,0	110	50	2610 05 06011
6,0	160	100	2610 05 06016
6,0	210	150	2610 05 06021
6,0	260	200	2610 05 06026
6,0	460	400	2610 05 06046
7,0	110	50	2610 05 07011
7,0	160	100	2610 05 07016
7,0	210	150	2610 05 07021
8,0	110	50	2610 05 08011
8,0	160	100	2610 05 08016
8,0	210	150	2610 05 08021
8,0	260	200	2610 05 08026
8,0	310	250	2610 05 08031
8,0	460	400	2610 05 08046
8,0	610	550	2610 05 08061
10,0	110	50	2610 05 10011
10,0	160	100	2610 05 10016
10,0	210	150	2610 05 10021
10,0	260	200	2610 05 10026
10,0	310	250	2610 05 10031
10,0	460	400	2610 05 10046
10,0	610	550	2610 05 10061
10,0	1000	950	2610 05 10010
12,0	160	100	2610 05 12016
12,0	210	150	2610 05 12021
12,0	260	200	2610 05 12026
12,0	310	250	2610 05 12031
12,0	460	400	2610 05 12046
12,0	610	550	2610 05 12060
12,0	1000	950	2610 05 12010
14,0	160	100	2610 05 14016
14,0	210	150	2610 05 14021
14,0	260	200	2610 05 14026
14,0	310	250	2610 05 14031
14,0	460	400	2610 05 14046
14,0	610	550	2610 05 14060
14,0	1000	950	2610 05 14010
15,0	160	100	2610 05 15016
15,0	260	200	2610 05 15026
16,0	160	100	2610 05 16016
16,0	210	150	2610 05 16021
16,0	310	250	2610 05 16031
16,0	460	400	2610 05 16046
16,0	610	550	2610 05 16061
16,0	1000	950	2610 05 16010

continua alla pagina successiva, continues on the next page →

Ø mm	L mm	L2 mm	Articolo Part-No.
18,0	200	150	2610 05 18021
18,0	250	200	2610 05 18025
18,0	300	250	2610 05 18030
18,0	450	400	2610 05 18045
18,0	600	550	2610 05 18060
18,0	1000	950	2610 05 18010
20,0	200	150	2610 05 20020
20,0	300	250	2610 05 20030
20,0	450	400	2610 05 20045
20,0	600	550	2610 05 20060
20,0	1000	950	2610 05 20010
22,0	250	200	2610 05 22025
22,0	300	250	2610 05 22030
22,0	450	400	2610 05 22045
22,0	600	550	2610 05 22060
22,0	1000	950	2610 05 22010
24,0	250	200	2610 05 24025
24,0	450	400	2610 05 24045
25,0	450	400	2610 05 25045
26,0	250	200	2610 05 26025
26,0	450	400	2610 05 26045

Nota: con lunghezze superiori ai 400 mm è necessario pre-forare con lo stesso diametro!

Note: For a working length of 400 mm and more pre-drilling with the same diameter is essential!

Art. 2600

Punte per martelli SDS-plus CLASSIC, certificate da PGM
Hammer Drill Bits SDS-plus CLASSIC, with PGM Certification-Mark



Ø mm	L mm	L2 mm	Articolo Part-No.
5,0	110	50	2600 05 05011
5,0	160	100	2600 05 05016
5,5	110	50	2600 05 05511
6,0	110	50	2600 05 06011
6,0	160	100	2600 05 06016
6,0	210	150	2600 05 06021
6,0	260	200	2600 05 06026
6,5	260	200	2600 05 06526
6,5	310	250	2600 05 06531
8,0	110	50	2600 05 08011
8,0	160	100	2600 05 08016
8,0	210	150	2600 05 08021
8,0	260	200	2600 05 08026
10,0	110	50	2600 05 10011
10,0	160	100	2600 05 10016
10,0	210	150	2600 05 10021
10,0	260	200	2600 05 10026
12,0	160	100	2600 05 12016
12,0	210	150	2600 05 12021
12,0	260	200	2600 05 12026
14,0	210	150	2600 05 14021
14,0	260	200	2600 05 14026
16,0	210	150	2600 05 16021
16,0	300	250	2600 05 16030

Ø mm	L mm	L2 mm	Articolo Part-No.
6,5	210	150	2590 05 06521
6,5	260	200	2590 05 06526
7,0	160	100	2590 05 07016
8,0	110	50	2590 05 08011
8,0	160	100	2590 05 08016
8,0	210	150	2590 05 08021
8,0	260	200	2590 05 08026
8,0	310	250	2590 05 08031
8,0	460	400	2590 05 08046
10,0	110	50	2590 05 10011
10,0	160	100	2590 05 10016
10,0	210	150	2590 05 10021
10,0	260	200	2590 05 10026
10,0	310	250	2590 05 10031
10,0	460	400	2590 05 10046
10,0	600	550	2590 05 10060
12,0	160	100	2590 05 12016
12,0	210	150	2590 05 12021
12,0	260	200	2590 05 12026
12,0	310	250	2590 05 12031
12,0	460	400	2590 05 12046
12,0	600	550	2590 05 12060
12,0	1000	950	2590 05 12010
14,0	160	100	2590 05 14016
14,0	210	150	2590 05 14021
14,0	260	200	2590 05 14026
14,0	310	250	2590 05 14031
14,0	460	400	2590 05 14046
14,0	600	550	2590 05 14060
14,0	1000	950	2590 05 14010
15,0	160	100	2590 05 15016
15,0	260	200	2590 05 15026
16,0	160	100	2590 05 16016
16,0	210	150	2590 05 16021
16,0	300	250	2590 05 16030
16,0	450	400	2590 05 16046
16,0	600	550	2590 05 16060
16,0	1000	950	2590 05 16010
18,0	200	150	2590 05 18020
18,0	300	250	2590 05 18030
18,0	450	400	2590 05 18046
18,0	600	550	2590 05 18060
18,0	1000	950	2590 05 18010
20,0	200	150	2590 05 20020
20,0	300	250	2590 05 20030
20,0	450	400	2590 05 20046
20,0	600	550	2590 05 20060
20,0	1000	950	2590 05 20010
22,0	250	200	2590 05 22025
22,0	300	250	2590 05 22030
22,0	450	400	2590 05 22046
22,0	600	550	2590 05 22060
22,0	1000	950	2590 05 22010
24,0	250	200	2590 05 24025
24,0	450	400	2590 05 24046
25,0	450	400	2590 05 25046
26,0	450	400	2590 05 26046

Nota: con lunghezze superiori ai 400 mm è necessario pre-forare con lo stesso diametro!

Note: For a working length of 400 mm and more pre-drilling with the same diameter is essential!

Art. 2620

Punte per martelli SDS-max PRO
Hammer Drill Bits SDS-max PRO



Ø mm	L mm	L2 mm	Articolo Part-No.
12,0	340	200	2620 03 12034
12,0	540	400	2620 03 12054
12,0	740	600	2620 03 12069
14,0	340	200	2620 03 14034
14,0	540	400	2620 03 14054
15,0	340	200	2620 03 15034
15,0	540	400	2620 03 15054
16,0	340	200	2620 03 16034
16,0	540	400	2620 03 16054
18,0	340	200	2620 03 18034
18,0	540	400	2620 03 18054
20,0	320	200	2620 03 20032
20,0	520	400	2620 03 20052

Ø mm	L mm	L2 mm	Articolo Part-No.
20,0	920	800	2620 03 20092
22,0	320	200	2620 03 22032
22,0	520	400	2620 03 22052
22,0	920	800	2620 03 22092
24,0	320	200	2620 03 24032
24,0	520	400	2620 03 24052
25,0	320	200	2620 03 25032
25,0	520	400	2620 03 25052
25,0	920	800	2620 03 25092
28,0	320	200	2620 03 28037
28,0	520	400	2620 03 28057
28,0	720	600	2620 03 28067
30,0	320	200	2620 03 30037
30,0	520	400	2620 03 30057
32,0	320	200	2620 03 32037
32,0	520	400	2620 03 32057
32,0	920	800	2620 03 32092
35,0	520	400	2620 03 35057
35,0	720	600	2620 03 35067
38,0	520	400	2620 03 38057
40,0	520	400	2620 03 40057
40,0	920	800	2620 03 40092

Nota: con lunghezze superiori ai 400 mm è necessario pre-forare con lo stesso diametro!

Note: For a working length of 400 mm and more pre-drilling with the same diameter is essential!

Art. 2619

Punte per martelli SDS-max BASIC
Hammer Drill Bits SDS-max BASIC



Ø mm	L mm	L2 mm	Articolo Part-No.
16,0	340	200	2619 03 16034
16,0	540	400	2619 03 16054
18,0	340	200	2619 03 18034
18,0	540	400	2619 03 18054
20,0	320	200	2619 03 20032
20,0	520	400	2619 03 20052
22,0	320	200	2619 03 22032
22,0	520	400	2619 03 22052
25,0	320	200	2619 03 25032
25,0	520	400	2619 03 25052
28,0	320	200	2619 03 28032
28,0	520	400	2619 03 28052
30,0	320	200	2619 03 30032
30,0	520	400	2619 03 30052
32,0	320	200	2619 03 32032
32,0	520	400	2619 03 32052
35,0	520	400	2619 03 35052
40,0	520	400	2619 03 40052

Art. 1930

MULTI-CUT Frese a tazza multifunzione MD
MULTI-CUT Multi-Purpose Hole Saws TCT



Ø mm	Taglienti cutting-edges	Articolo Part-No.
25	3	1930 09 00025
30	3	1930 09 00030
35	3	1930 09 00035
40	3	1930 09 00040
50	3	1930 09 00050
55	3	1930 09 00055
58	4	1930 09 00058
60	4	1930 09 00060
63	4	1930 09 00063
65	4	1930 09 00065
68	4	1930 09 00068
70	4	1930 09 00070
71	4	1930 09 00071
74	4	1930 09 00074
76	4	1930 09 00076
80	4	1930 09 00080
85	4	1930 09 00085
105	5	1930 09 00105

Art. 1935

Gambi per frese a tazza multifunzione in MD
Arbors for Multi-Purpose Hole Saws TCT



Tipo Type	Codolo Schank	L mm	Articolo Part-No.
AM 1	SW 11	78	1935 09 00001
AM 5	SDS	105	1935 09 00005

Art. 1936

Punta pilota per frese a tazza multifunzione in MD
Pilot-drills for Multi-Purpose Hole Saws TCT



Ø mm	Articolo Part-No.
8,0 x 120 mm HM	1936 07 00001
7,2 x 109 mm HSS	1936 07 00002

Art. 1937

Cuffia di protezione per frese a tazza multifunzione in MD
Countersink for Multi-Purpose Hole Saws TCT



Descrizione Description	Articolo Part-No.
per / for 68 mm	1937 15 00068

Art. 1930

Fresa a tazza multifunzione in MD completa di punta
pilota, gambo e cuffia
Multi-Purpose holesaw completely mounted
incl. TCT-Drill, Shank and Countersink



Ø mm	Articolo Part-No.
68	1930 15 01068

Art. 2300

Carotatrici in MD
Hollow Cores, TCT



Ø mm	Articolo Part-No.
68	2300 15 00068
82	2300 15 00082

Art. 2301

Gambi per carotatrici in MD
Arbors for Hollow-Core TCT



Codolo Schank	L mm	Articolo Part-No.
esag./hex.SW 12	100	2301 15 00001
SDS-plus	100	2301 15 00002

Art. 2302

Punta pilota per carotatrice in MD
Pilot-drill for Hollow-Core TCT



Ø mm	Articolo Part-No.
8,0 x 120 mm HM	2302 07 00800

Art. 2300

Carotatrici in MD complete di punta pilota e gambo
SDS-plus
Hollow-Core completely mounted incl. TCT-Drill
and SDS-plus Shank



Ø mm	Articolo Part-No.
68	2300 15 02068
82	2300 15 02082

Art. 2650

Scalpellini SDS-plus
Chisels SDS-plus



Versione Version	mm	Articolo Part-No.
punta / point	250	2650 05 00025
piatto / flat	20 x 250	2650 05 02025
largo / spade	40 x 250	2650 05 04020
sgorgia / hollow	22 x 250	2650 05 02224
mattonelle / tile	40 x 250	2650 05 04025

Art. 2660

Scalpellini SDS-max
Chisels SDS-max



Versione Version	mm	Articolo Part-No.
punta / point	280	2660 05 00028
punta / point	400	2660 05 00040
punta / point	600	2660 05 00600
piatto / flat	25 x 280	2660 05 02428
piatto / flat	25 x 400	2660 05 02440
piatto / flat	25 x 600	2660 05 02460
largo / spade	50 x 400	2660 05 05036
largo / spade	80 x 300	2660 05 08030
sgorgia / hollow	26 x 300	2660 05 02630
mattonelle / tile	50 x 300	2660 05 05030

Art. 3100

Punte per legno in acciaio CV
Brad Point Wood Drill Bits



Ø mm	L mm	L2 mm	Articolo Part-No.
3,0	61	33	3100 07 00300
4,0	75	43	3100 07 00400
5,0	86	52	3100 07 00500
6,0	93	57	3100 07 00600
7,0	109	69	3100 07 00700
8,0	117	75	3100 07 00800
9,0	120	81	3100 07 00900
10,0	133	87	3100 07 01000
11,0	142	89	3100 07 01100
12,0	151	96	3100 07 01200
13,0	151	96	3100 07 01300
14,0	151	96	3100 07 01400
15,0	160	100	3100 07 01500
16,0	160	100	3100 07 01600
18,0	180	120	3100 07 01800
20,0	200	130	3100 07 02000

Art. 3110

Punte elicoidali per legno HSS-G rettificato,
versione industriale
Brad Point Wood Drill Bits HSS-G Fully Ground,
Industrial-Type



Ø mm	L mm	L2 mm	Articolo Part-No.
3,0	61	33	3110 07 00300
4,0	75	43	3110 07 00400
5,0	86	52	3110 07 00500
6,0	93	57	3110 07 00600
7,0	109	69	3110 07 00700
8,0	117	75	3110 07 00800
9,0	120	81	3110 07 00900
10,0	133	87	3110 07 01000
11,0	142	89	3110 07 01100
12,0	151	96	3110 07 01200
13,0	151	96	3110 07 01300
14,0	151	96	3110 07 01400
16,0	180	100	3110 07 01600

Art. 3500

Punteruoli
Gimlets



Ø mm	L mm	Articolo Part-No.
2,0	105	3500 15 02105
3,0	110	3500 15 03110
4,0	130	3500 15 04130
5,0	145	3500 15 05145
6,0	165	3500 15 06165

Art. 3450

Svasatore 90° per punte da trapano
Shell Drill Countersinks



Ø mm	per punte for Drill	Articolo Part-No.
12,0	3	3450 05 01203
12,0	4	3450 05 01204
12,0	5	3450 05 01205
12,0	6	3450 05 01206
16,0	8	3450 05 01608
16,0	10	3450 05 01610

Art. 3700

Svasatore 90° DIN 6446 B, 5 taglienti
Countersinks DIN 6446 B, 5 cutting edges



Ø mm	Codolo Shank	Articolo Part-No.
10,0	6	3700 07 01000
13,0	6	3700 07 01300
16,0	8	3700 07 01600
20,0	8	3700 07 02000

Art. 3250

Frese per legno Forstner DIN 7483G
Forstner Bits DIN 7483G



Ø mm	Codolo Shank	L mm	Articolo Part-No.
8,0	8	90	3250 05 00800
10,0	8	90	3250 05 01000
12,0	8	90	3250 05 01200
14,0	8	90	3250 05 01400
15,0	8	90	3250 05 01500
16,0	8	90	3250 05 01600
18,0	8	90	3250 05 01800
20,0	8	90	3250 05 02000
22,0	8	90	3250 05 02200
24,0	8	90	3250 05 02400
25,0	8	90	3250 05 02500
26,0	8	90	3250 05 02600
28,0	8	90	3250 05 02800
30,0	8	90	3250 05 03000
32,0	10	90	3250 05 03200
35,0	10	90	3250 05 03500
38,0	10	90	3250 05 03800
40,0	10	90	3250 05 04000
45,0	10	90	3250 05 04500
50,0	10	90	3250 05 05000

Art. 3261

Frese con inserto in MD
Cylinder Boring Bits, Carbide Tipped



Ø mm	Codolo Shank	Articolo Part-No.
10,0	8	3261 05 01000
15,0	8	3261 05 01500
18,0	8	3261 05 01800
20,0	8	3261 05 02000
24,0	8	3261 05 02400
25,0	8	3261 05 02500
30,0	10	3261 05 03000
35,0	10	3261 05 03500
40,0	10	3261 05 04000

Art. 3350

Mecchie per legno - regolabili
Wood Milling Cutters - adjustable



Misura Size	Ø Fori Range	Articolo Part-No.
1	15 - 45	3350 05 01545
2	22 - 75	3350 05 02275

Art. 3120

Punte cilindriche per telai
Frame Work Drills, round shank



Ø mm	L mm	Articolo Part-No.
6,0	400	3120 07 00640
6,0	600	3120 07 00660
8,0	400	3120 07 00840
8,0	600	3120 07 00860
10,0	400	3120 07 01040
10,0	600	3120 07 01060
12,0	400	3120 07 01240
12,0	600	3120 07 01260
14,0	400	3120 07 01440
14,0	600	3120 07 01460
16,0	400	3120 07 01640
16,0	600	3120 07 01660
18,0	400	3120 07 01840
18,0	600	3120 07 01860
20,0	400	3120 07 02040
20,0	600	3120 07 02060
22,0	400	3120 07 02240
22,0	600	3120 07 02260
24,0	400	3120 07 02440
24,0	600	3120 07 02460
26,0	400	3120 07 02640
26,0	600	3120 07 02660
28,0	400	3120 07 02840
28,0	600	3120 07 02860
30,0	400	3120 07 03040
30,0	600	3120 07 03060

Art. 3130

Punte cilindriche per telai, codolo SDS-plus
Frame Work Drills, SDS-plus shank



Ø mm	L mm	Articolo Part-No.
10,0	600	3130 07 01060
12,0	600	3130 07 01260
14,0	600	3130 07 01460
16,0	600	3130 07 01660
18,0	600	3130 07 01860
20,0	600	3130 07 02060
22,0	600	3130 07 02260

Art. 3410

Mecchie per legno, attacco esagonale
Machine Flat Bits, Hexagon-Shank



Ø mm	L mm	Articolo Part-No.
6,0	150	3410 07 00600
8,0	150	3410 07 00800
10,0	150	3410 07 01000
12,0	150	3410 07 01200
13,0	150	3410 07 01300
14,0	150	3410 07 01400
16,0	150	3410 07 01600
17,0	150	3410 07 01700
18,0	150	3410 07 01800
19,0	150	3410 07 01900
20,0	150	3410 07 02000
22,0	160	3410 07 02200
24,0	160	3410 07 02400
25,0	160	3410 07 02500
26,0	160	3410 07 02600
28,0	160	3410 07 02800
30,0	160	3410 07 03000
32,0	160	3410 07 03200
34,0	160	3410 07 03400
35,0	160	3410 07 03500
36,0	160	3410 07 03600
38,0	160	3410 07 03800
40,0	160	3410 07 04000

Art. 3420

Prolunga per meccchie
Extension for Flat Bits



Ø mm	L mm	Articolo Part-No.
14,0	300	3420 05 01430

Art. 3200

Punte per legno forma LEWIS, codolo esagonale
Auger Bits LEWIS-pattern, Hexagon-Shank



Ø mm	L mm	L2 mm	Articolo Part-No.
6,0	235	160	3200 07 00623
6,0	320	255	3200 07 00632
6,0	460	360	3200 07 00646
6,0	600	520	3200 07 00660
8,0	235	160	3200 07 00823
8,0	460	360	3200 07 00846
8,0	600	520	3200 07 00860
10,0	235	160	3200 07 01023
10,0	460	360	3200 07 01046
10,0	600	520	3200 07 01060
12,0	235	160	3200 07 01223
12,0	460	360	3200 07 01246
12,0	600	520	3200 07 01260
13,0	235	160	3200 07 01323
14,0	235	160	3200 07 01423
14,0	460	360	3200 07 01446
14,0	600	520	3200 07 01460
16,0	235	160	3200 07 01623
16,0	460	360	3200 07 01646
16,0	600	520	3200 07 01660
18,0	235	160	3200 07 01823
18,0	460	360	3200 07 01846
18,0	600	520	3200 07 01860
20,0	235	160	3200 07 02023
20,0	460	360	3200 07 02046
20,0	600	520	3200 07 02060
22,0	235	160	3200 07 02223
22,0	460	360	3200 07 02246
22,0	600	520	3200 07 02260
24,0	235	160	3200 07 02423
24,0	460	360	3200 07 02446
24,0	600	520	3200 07 02460
25,0	235	160	3200 07 02523
25,0	460	360	3200 07 02546
25,0	600	520	3200 07 02560
26,0	235	160	3200 07 02623
26,0	460	360	3200 07 02646
26,0	600	520	3200 07 02660
28,0	235	160	3200 07 02823
28,0	460	360	3200 07 02846
28,0	600	520	3200 07 02860
30,0	235	160	3200 07 03023
30,0	460	360	3200 07 03046
30,0	600	520	3200 07 03060
32,0	235	160	3200 07 03223
32,0	460	360	3200 07 03246
32,0	600	520	3200 07 03260

Art. 3210

Punte per legno forma LEWIS, codolo SDS-plus
Auger Bits LEWIS-pattern, SDS-plus shank



Ø mm	L mm	L2 mm	Articolo Part-No.
8,0	235	160	3210 07 00823
10,0	235	160	3210 07 01023
10,0	460	360	3210 07 01046
12,0	235	160	3210 07 01223
12,0	460	360	3210 07 01246
14,0	235	160	3210 07 01423
14,0	460	360	3210 07 01446

continua alla pagina successiva, continues on the next page →

www.ltf.it

Ø mm	L mm	L2 mm	Articolo Part-No.
16,0	235	160	3210 07 01623
16,0	460	360	3210 07 01646
18,0	235	160	3210 07 01823
18,0	460	360	3210 07 01846
20,0	235	160	3210 07 02023
20,0	460	360	3210 07 02046
22,0	235	160	3210 07 02223
22,0	460	360	3210 07 02246
24,0	235	160	3210 07 02423
24,0	460	360	3210 07 02446
25,0	235	160	3210 07 02523
25,0	460	360	3210 07 02546

Art. 1900

Frese a corona bimetalliche HSS
Bi-Metal Hole Saws HSS



Ø mm	Ø pollici inch	Articolo Part-No.
14	9/16	1900 09 00014
16	5/8	1900 09 00016
17	11/16	1900 09 00017
19	3/4	1900 09 00019
20	-	1900 09 00020
21	13/16	1900 09 00021
22	7/8	1900 09 00022
24	15/16	1900 09 00024
25	1	1900 09 00025
27	-	1900 09 00027
29	-	1900 09 00029
30	1 3/16	1900 09 00030
32	1 1/4	1900 09 00032
33	1 5/16	1900 09 00033
35	1 3/8	1900 09 00035
37	1 7/16	1900 09 00037
38	1 1/2	1900 09 00038
40	1 9/16	1900 09 00040
41	1 5/8	1900 09 00041
43	1 11/16	1900 09 00043
44	1 3/4	1900 09 00044
45	-	1900 09 00045
46	1 13/16	1900 09 00046
48	1 7/8	1900 09 00048
50	-	1900 09 00050
51	2	1900 09 00051
52	2 1/16	1900 09 00052
54	2 1/8	1900 09 00054
55	-	1900 09 00055
56	-	1900 09 00056
57	2 1/4	1900 09 00057
59	2 5/16	1900 09 00059
60	2 3/8	1900 09 00060
64	2 1/2	1900 09 00064
65	2 9/16	1900 09 00065
67	2 5/8	1900 09 00067
68	2 11/16	1900 09 00068
70	2 3/4	1900 09 00070
73	2 7/8	1900 09 00073
75	-	1900 09 00075
76	3	1900 09 00076
79	3 1/8	1900 09 00079
83	3 1/4	1900 09 00083
86	3 3/8	1900 09 00086
89	3 1/2	1900 09 00089
92	3 5/8	1900 09 00092
95	3 3/4	1900 09 00095
98	3 7/8	1900 09 00098
102	4	1900 09 00102
105	4 1/8	1900 09 00105
108	4 1/4	1900 09 00108
111	4 3/8	1900 09 00111
114	4 1/2	1900 09 00114
121	4 3/4	1900 09 00121
127	5	1900 09 00127
133	5 1/4	1900 09 00133
140	5 1/2	1900 09 00140
152	6	1900 09 00152
168	6 5/8	1900 09 00168
210	8 9/32	1900 09 00210

Art. 1901

Frese a corona bimetalliche HSS-E (Co8) al cobalto
Bi-Metal Hole Saws HSS-E (Co8) Cobalt Alloyed



Ø mm	Ø pollici inch	Articolo Part-No.
16	5/8	1901 09 00016
19	3/4	1901 09 00019
20	-	1901 09 00020
22	7/8	1901 09 00022
25	1	1901 09 00025
27	-	1901 09 00027
29	-	1901 09 00029
30	1 3/16	1901 09 00030
32	1 1/4	1901 09 00032
35	1 3/8	1901 09 00035
38	1 1/2	1901 09 00038
40	1 9/16	1901 09 00040
44	1 3/4	1901 09 00044
48	1 7/8	1901 09 00048
51	2	1901 09 00051
54	2 1/8	1901 09 00054
57	2 1/4	1901 09 00057
60	2 3/8	1901 09 00060
64	2 1/2	1901 09 00064
65	2 9/16	1901 09 00065
68	2 11/16	1901 09 00068
73	2 7/8	1901 09 00073
76	3	1901 09 00076
79	3 1/8	1901 09 00079
83	3 1/4	1901 09 00083
86	3 3/8	1901 09 00086
89	3 1/2	1901 09 00089
92	3 5/8	1901 09 00092
98	3 7/8	1901 09 00098
102	4	1901 09 00102
108	4 1/4	1901 09 00108
127	5	1901 09 00127

Art. 1910

Supporti per frese a corona
Arbors for Hole Saws



Tipo Type	Codolo Shank	Ø mm	Articolo Part-No.
codolo esagonale / hexagon Shank			
AS 1	SW 11	14-30	1910 09 00001
AS 11	SW 9,5	14-30	1910 09 00011
AS 3	SW 11	32-210	1910 09 00003
AS 33	SW 9,5	32-210	1910 09 00033
codolo SDS-plus / SDS-plus shank			
AS 4	SDS +	14-30	1910 09 00004
AS 6	SDS +	32-210	1910 09 00006

Art. 1911

Punte pilota HSS per frese a corona
Pilot-drills HSS for Hole Saws



Tipo Type	Ø x L mm	Articolo Part-No.
ZB 1	6,35 x 100	1911 03 00001
ZB 2	6,35 x 71	1911 03 00002

Seghetti/ Jigsaws

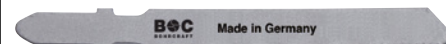
Lame per seghetti per legno e plastica
Jigsaw Blades for Wood and Plastics



Descrizione Description		VE	Articolo Part-No.
1963-SPEED	HCS	5	1963 16 00001
1960-25	CV	5	1960 16 00001
1960-25	CV	25	1960 03 00001
1960-K	CV	5	1960 16 00002
1960-R	CV	5	1960 16 00003
1960-30	CV	5	1960 16 00004
1960-40	CV	5	1960 16 00005
1960-D	CV	5	1960 16 00006
1961-30	CV	5	1961 16 00001
1961-30	CV	25	1961 03 00001
1961-U	CV	5	1961 16 00002
1961-U	CV	25	1961 03 00002
1961-UL	CV	5	1961 16 00004
1961-K	CV	5	1961 16 00003
1992	Set	5	1992 16 00005

Seghetti/ Jigsaws

Lame per seghetti
Jigsaw Blades for Metal



Descrizione Description		VE	Articolo Part-No.
1964-12	HSS	5	1964 16 00001
1964-20	HSS	5	1964 16 00002
1964-30	HSS	5	1964 16 00003
1965-12	Bi-M	5	1965 16 00001
1965-1825	Bi-M	5	1965 16 00002
1965-10	Bi-M	5	1965 16 00003
1965-10L	Bi-M	5	1965 16 00004

Seghetti/ Jigsaws

Lame per seghetti in MD per materiali diversi
Jigsaw Blades for different Materials



Descrizione Description		VE	Articolo Part-No.
1966-grossolano	HM	3	1966 16 00001
1966-42	HM	1	1966 16 00002

Assortimenti / Sets

Assortimenti punte elicoidali DIN 338 HSS laminate
Twist Drill Sets DIN 338 HSS Roll Forged



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in ABS / ABS-Boxes			
KR 10	19	1 - 10	1100 13 30019
KR 13	25	1 - 13	1100 13 30025
Confezioni in metallo / Metal-Boxes			
M 10	19	1 - 10	1100 13 10019
M 13	25	1 - 13	1100 13 10025
M 24	24	1 - 10,5	1100 14 10024
M 591	50	1 - 5,9	1100 14 10050
M 601	41	6 - 10	1100 14 10041
M 170	170	1 - 10	1100 14 10170

Assortimenti / Sets

Assortimenti punte elicoidali DIN 338 HSS-G rettificate,
Split Point
Twist Drill Sets DIN 338 HSS-G Fully Ground, Split Point



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in ABS / ABS-Boxes			
KG 10	19	1 - 10	1120 13 30019
KG 13	25	1 - 13	1120 13 30025
KG 24	24	1 - 10,5	1120 13 30024
KG 591	51	1 - 6	1120 13 30050
KG 601	41	6 - 10	1120 13 30041
Confezioni in metallo / Metal-Boxes			
MG 10	19	1 - 10	1120 13 10019
MG 13	25	1 - 13	1120 13 10025
MG 24	24	1 - 10,5	1120 14 10024
MG 36	36	2 - 6,5	1120 13 10036
MG 591	50	1 - 5,9	1120 14 10050
MG 601	41	6 - 10	1120 14 10041
MG 130	130	1 - 6	1120 13 10130
MG 170	170	1 - 10	1120 14 10170

Assortimenti / Sets

GX-Line

Assortimenti punte elicoidali DIN 338 HSS-G rettificate,
Split Point
Twist Drill Sets DIN 338 HSS-G Fully Ground, Split Point



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in metallo / Metal-Boxes			
MGX 10	19	1 - 10	1121 13 10019
MGX 13	25	1 - 13	1121 13 10025

Assortimenti / Sets

TURBOCRAFT. Assortimenti punte elicoidali DIN 338
HSS-G, rompi trucioli sul tagliente
TURBOCRAFT. Twist Drill Sets DIN 338 HSS-G,
with centering-tip



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in metallo / Metal-Boxes			
MG 10 TCR	19	1 - 10	1201 13 10019
MG 13 TCR	25	1 - 13	1201 13 10025

Assortimenti / Sets

Assortimenti punte elicoidali DIN 338 HSS -TiN,
Split Point
Twist Drill Sets DIN 338 HSS-TiN Titanium-Coated, Split Point



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in ABS / ABS-Boxes			
KT 10	19	1 - 10	1130 13 30019
KT 13	25	1 - 13	1130 13 30025
Confezioni in metallo / Metal-Boxes			
MT 10	19	1 - 10	1130 13 10019
MT 13	25	1 - 13	1130 13 10025
MT 130	130	1 - 6	1130 13 10130
MT 170	170	1 - 10	1130 14 10170

Assortimenti / Sets

Assortimenti punte elicoidali DIN 338 HSS-E (Co 5)
Split Point
Twist Drill Sets DIN 338 HSS-E (Co 5)
Cobalt Alloyed, Split Point



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in ABS / ABS-Boxes			
KE 10	19	1 - 10	1140 13 30019
KE 13	25	1 - 13	1140 13 30025
KE 24	24	1 - 10,5	1140 13 30024
KE 591	51	1 - 6	1140 13 30050
KE 601	41	6 - 10	1140 13 30041
Confezioni in metallo / Metal-Boxes			
ME 10	19	1 - 10	1140 13 10019
ME 13	25	1 - 13	1140 13 10025
ME 24	24	1 - 10,5	1140 14 10024
ME 36	36	2 - 6,5	1140 13 10036
ME 591	50	1 - 5,9	1140 14 10050
ME 601	41	6 - 10	1140 14 10041
ME 65	65	1 - 6	1140 13 10065
ME 70	70	1 - 10	1140 14 10070

Espositori vuoti / Empty cabinets

Espositori vuoti da banco per punte
Empty Drill Cabinets



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
BD 435 leer	435	1 - 13	0130 15 00003
BD 980 leer	980	1 - 10	0130 15 00004

Cassette vuote / Empty boxes

Confezioni in metallo, vuote, per punte
Empty Metal-Boxes for Drills



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
M 10 vuota	19	1 - 10	0080 15 20019
M 13 vuota	25	1 - 13	0080 15 20025
M 24 vuota	24	1 - 10,5	0080 15 20024
M 591 vuota	50	1 - 5,9	0080 15 20051
M 601 vuota	41	6 - 10	0080 15 20041
M 170 vuota	170	1 - 10	0080 15 21170

Assortimenti / Sets

Assortimenti maschi a macchina, DIN 352 HSS-G + punte
DIN 338 HSS
Short Machine Tap Sets DIN 352 HSS-G
Fully Ground + Drills DIN 338 HSS



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in ABS / ABS-Box			
EGB15-K	15	M 3 -12	4120 13 30015
Confezioni in metallo / Metal-Box			
EGB 15	15	M 3 -12	4120 14 10015

Assortimenti / Sets

Assortimenti maschi a mano DIN 352 HSS-G
Hand Taps Assortments DIN 352 HSS-G



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in ABS / ABS-Boxes			
G12-K	21	M 3 - 12	4100 13 30021
GK12-K	28	M 3 - 12	4100 13 30028
Confezioni in metallo / Metal-Boxes			
G 12	21	M 3 - 12	4100 14 10021
GK 12	28	M 3 - 12	4100 14 10028
GS 25	31	M 3 - 12	6000 14 10025
GW 12	44	M 3 - 12	6000 14 10044
GW 20	54	M 3 - 20	6000 14 10054

Assortimenti / Sets

Assortimenti per garages e officine tipo FIAT
Garage and workshop set, FIAT type



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Cassetta in legno / Wooden case			
BT64	110	2÷18	6400 00 00110
composizione / composition			
35 maschi a mano / hand taps (2 pcs.)			
Ø 2 - 3 - 4x0,7 - 5x0,8 - 6x0,75 - 6x1 - 7x0,75 - 7x1 - 8x0,75 - 8x1 - 8x1,25 - 9x0,75 - 9x1 - 9x1,25 - 10x0,75 - 10x1 - 10x1,25 - 10x1,5 - 11x0,75 - 11x1 - 11x1,25 - 11x1,5 - 12x0,75 - 12x1 - 12x1,25 - 12x1,5 - 12x1,75 - 14x1 - 14x1,25 - 14x1,5 - 14x2 - 16x1 - 16x1,5 - 16x2 - 18x1,5 mm			
8 filiere / dies (25,4)			
Ø 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 mm			
5 filiere / dies (38,1)			
Ø 10 - 11 - 12 - 14 - 16 mm			
6 filiere / dies (25,4)			
Ø 6 - 7 - 8x0,75 - 8x1 - 9x0,75 - 9x1 mm			
16 filiere / dies (38,1)			
Ø 10x0,75 - 10x1 - 10x1,25 - 11x0,75 - 11x1 - 11x1,25 - 12x0,75 - 12x1 - 12x1,25 - 12x1,5 - 14x1 - 14x1,25 - 14x1,5 - 16x1 - 16x1,5 - 18x1,5 mm			
2 portafilere / diestocks gr 1-2			
2 giramaschi / tap wrenches gr 1-3			
1 portaautensili / tool holder gr 1			

Assortimenti / Sets

Assortimento punte combinate HSS-G, attacco esagonale 1/4"
Combined Thread-Bit Set HSS-G 1/4" hex-shank



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in metallo / Metal-Mini-Box			
MB 7	7	M 3 - 10	4171 14 10007

Assortimenti / Sets

Assortimento filiere tonde DIN 223B HSS-G
Circular Die Set DIN 223B HSS-G



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in metallo / Metal-Mini-Box			
MSR 8	8	M 3 - 12	4200 14 10007

Assortimenti / Sets

Assortimenti maschi a macchina DIN 371/376
HSS-G rettificati
Long Machine Tap Sets DIN 371/376
HSS-G Fully Ground



HSS

Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in ABS / ABS-Boxes			
MBA	7	M 3 - 12	4140 13 30007
7G-K	7	M 3 - 12	4140 13 30007
MBA	7	M 3 - 12	4150 13 30007
7S-K	7	M 3 - 12	4150 13 30007
MBA	14	M 3 - 12	4140 13 30014
14G-K	14	M 3 - 12	4140 13 30014
MBA	14	M 3 - 12	4150 13 30014
14S-K	14	M 3 - 12	4150 13 30014

Confezioni in metallo / Metal-Boxes

MBA 7-G	7	M 3 - 12	4140 14 10007
MBA 7-S	7	M 3 - 12	4150 14 10007
MBA	14	M 3 - 12	4140 14 10014
14-G	14	M 3 - 12	4140 14 10014
MBA	14	M 3 - 12	4150 14 10014
14-S	14	M 3 - 12	4150 14 10014

Assortimenti / Sets

Assortimenti maschi a macchina DIN 371/376
HSS-E (Co 5)
Long Machine Tap Sets DIN 371/376
HSS-E (Co 5)



**HSS-E
Co5**

Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in ABS / ABS-Boxes			
MGB	7	M 3 - 12	4142 13 30007
7G-K	7	M 3 - 12	4142 13 30007
MGB	7	M 3 - 12	4152 13 30007
7S-K	7	M 3 - 12	4152 13 30007
MGB	14	M 3 - 12	4142 13 30014
14G-K	14	M 3 - 12	4142 13 30014
MGB	14	M 3 - 12	4152 13 30014
14S-K	14	M 3 - 12	4152 13 30014
Confezioni in metallo / Metal-Boxes			
MGB7-G	7	M 3 - 12	4142 14 10007
MGB7-S	7	M 3 - 12	4152 14 10007
MGB	14	M 3 - 12	4142 14 10014
14-G	14	M 3 - 12	4142 14 10014
MGB	14	M 3 - 12	4152 14 10014
14-S	14	M 3 - 12	4152 14 10014

Assortimenti / Sets

Assortimento estrattori per viti in acciaio CV
CV Screw Extractor Set



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in plastica / Plastic-Box			
SE 5	5	1 - 5	9700 14 30005

Assortimenti / Sets

Assortimenti svasatori DIN 335 Forma C 90°
Countersink Sets DIN 335 Type C 90°



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezioni in ABS / ABS-Boxes			
KS 6-K	6	6,3-20,5	1700 13 30006
KS 6-K	6	6,3-20,5	1710 13 30006
Co	6	6,3-20,5	1710 13 30006
Confezioni in metallo / Metal-Boxes			
KS6HSS	6	6,3-20,5	1700 14 10006
KS 6 Co	6	6,3-20,5	1710 14 10006

Assortimenti / Sets

Assortimento bits/svasatori, attacco esagonale 1/4"
Countersink-Bit Set 1/4" hex-shank



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in metallo / Metal-Box			
KSB 6	6	6,3-20,5	1705 14 10006

Assortimenti / Sets

Assortimento sbavatori HSS
Countersink Set HSS



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in metallo / Metal-Box			
QS 4	4	1 - 4	1720 14 10004

Assortimenti / Sets

Assortimenti svasatori HSS
Sheet Metal Drill Sets HSS



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in ABS / ABS-Box B 3-K	3	3 - 30,5	1740 13 30003
Confezione in metallo / Metal-Box B 3	3	3 - 30,5	1740 14 10003

Assortimenti / Sets

Assortimenti punte a gradino HSS
Stepl Drill Sets HSS



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in ABS / ABS-Box STB 3-K	3	4 - 30	1760 13 30003
Confezione in metallo / Metal-Box STB 3	3	4 - 30	1760 14 10003

Assortimenti / Sets

MULTI-LASER Assortimento punte universali con
inserto MD
MULTI-LASER Multi-Purpose / Ceramic
Drill Sets TCT



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in metallo / Metal-Box UMK412	7	4 - 12	2270 13 10007

Assortimenti / Sets **QX-4**

Assortimento punte per martelli SDS plus, 4 taglienti MD
Hammer Drill Bit Set SDS-plus
with 4 Carbide Cutting Edges



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in metallo / Metal-Box HB7 QX-4	7	5-6-8 x110 6-8-10-12 x160	2612 14 10007

Assortimenti / Sets

Assortimento punte per martelli SDS-plus **4-X**
con 4 taglienti MD
Hammer Drill Bit Set SDS-plus **4-X**,
with 4 Carbide Cutting Edges



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in metallo / Metal-Box HB 7-4X	7	5 - 12	2615 14 10007

Assortimenti / Sets

Assortimento punte per martello SDS-plus X-TREME4
Hammer Drill Bit Sets SDS-plus X-TREME4



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in metallo / Metal-Box HB 7-XT	7	5 - 12	2610 14 10007

Assortimenti / Sets

Assortimento punte per martello SDS-plus
Hammer Drill Bit Sets SDS-plus



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Confezione in metallo / Metal-Box HB 7	7	5 - 12	2590 14 10007

Assortimenti / Sets

Assortimenti frese a corona bimetalliche HSS
Bi-Metal Hole Saw Sets HSS



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Valigetta in plastica / Plastic-Boxes RLS 9 SAN.	11	19 - 64	1900 13 30009
RLS 12 EL. 2	14	16 - 76	1900 13 30012
RLS 14 ALLR.	14	19 - 76	1900 13 30014
RLS 15 UNI.	17	19 - 127	1900 13 30015
Valigetta in plastica, versione speciale Plastic-Box Special Version LS 6 ELEKT.	8	22 - 68	1900 14 30006

Assortimenti / Sets

Assortimenti frese a corona bimetalliche HSS-E (Co8)
Bi-Metal Hole Saw Sets HSS-E (Co8)



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Valigetta in plastica / Plastic-Boxes RLS 9-E	11	19 - 64	1901 13 30009
RLS 14-E	14	19 - 76	1901 13 30014

Assortimenti / Sets

Assortimento bits con adattatore a sgancio rapido
Screwdriver-Bit Sets with Quick-Lock Holder



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Valigetta in plastica / Plastic-Boxes PB 31	31	PH / PZ Tx	6900 14 30031

Assortimenti / Sets

Assortimento bits + accessori
Screwdriver-Bit Set with accessories



Tipo Type	pz. pcs.	Cont. Content	Articolo Part-No.
Valigetta in plastica / Plastic-Box PB 23	23	PH / PZ Tx / SL + Div.	6900 14 30023