

## DIN338 SPIRAL FULLY GROUND DRILL - HSSE-G - 5% COBALT

The CHEMITOOL HSS drills were developed under careful manufacturing processes, in order to provide the professional with an excellent relation of quality and performance in metal drilling.



- ✓ 5% Cobalt M35
- ✓ Fully ground
- ✓ Ambar finishing
- ✓ Premium performance in stainless steel
- ✓ Available from 1,0 to 13mm diameter
- ✓ Excellent centering capability
- ✓ Resistance to breakage
- ✓ Long tool life

The HSS CHEMITOOL drill is made entirely of high-speed steel, with 5% cobalt to increase strength in metals with a hardness up to 1200N/mm<sup>2</sup>, according to DIN 338.

The main characteristic of this metal spiral drill bit its drilling, which can be used for widening or countersinking thanks to its 135° attack angle.

The use of lubrication in the drilling process will increase the service life and reduce the heating of the drill, this application should not be forgotten when drilling materials with a high hardness and abrasion.

Also available in sets of 25 pieces (plastic case) and 170 pieces (metal case)



**LONG  
LIFE**

### Material

High Speed Steel with 5% Cobalt

### Suitable for


Stainless steel, steel, aluminum, and non-ferrous metals.

### Compatible Machine

Handheld drill machine, bench drill machine




**Note:** The technical information provided, verbally or in writing, is based on our current knowledge and should be regarded as non-binding collaboration. The use of the product is beyond our control, therefore we disclaim all liability for improper use of the product. The customer is responsible for confirming and evaluating (through testing) whether the product is suitable for the process and type of use in question. Our purpose is exclusively to guarantee the quality of the products according to our standards.

SAP	Ø (mm)	Overall Length (mm)	Working Length (mm)	Shank Diameter (mm)		EAN
CHA190110000001	1,00	34	12	1,00	10	5604630071017
CHA190115000001	1,50	40	18	1,50	10	5604630071024
CHA190120000001	2,00	49	24	2,00	10	5604630071031
CHA190125000001	2,50	57	30	2,50	10	5604630071048
CHA190127500001	2,75	61	33	2,75	10	5604630109611
CHA190130000001	3,00	61	33	3,00	10	5604630071055
CHA190132500001	3,25	65	36	3,25	10	5604630071062
CHA190135000001	3,50	70	39	3,50	10	5604630071079
CHA190137500001	3,75	70	39	3,75	10	5604630071086
CHA190140000001	4,00	75	43	4,00	10	5604630071093
CHA190142500001	4,25	75	43	4,25	10	5604630071109
CHA190145000001	4,50	80	47	4,50	10	5604630071116
CHA190147500001	4,75	80	47	4,75	10	5604630109628
CHA190150000001	5,00	86	52	5,00	10	5604630071123
CHA190152500001	5,25	86	52	5,25	10	5604630071130
CHA190155000001	5,50	93	57	5,50	10	5604630071147
CHA190157500001	5,75	93	57	5,75	10	5604630109635
CHA190160000001	6,00	93	57	6,00	10	5604630071154
CHA190162500001	6,25	101	63	6,25	10	5604630109642
CHA190165000001	6,50	101	63	6,50	10	5604630071161
CHA190167500001	6,75	101	63	6,75	10	5604630071178
CHA190170000001	7,00	109	69	7,00	10	5604630071185
CHA190172500001	7,25	109	69	7,25	10	5604630109659
CHA190175000001	7,50	109	69	7,50	10	5604630071192
CHA190177500001	7,75	117	75	7,75	10	5604630109666
CHA190180000001	8,00	117	75	8,00	10	5604630071208
CHA190182500001	8,25	117	75	8,25	10	5604630109673
CHA190185000001	8,50	117	75	8,50	10	5604630071215
CHA190187500001	8,75	125	81	8,75	10	5604630109680
CHA190190000001	9,00	125	81	9,00	10	5604630071222
CHA190192500001	9,25	125	81	9,25	10	5604630109697
CHA190195000001	9,50	125	81	9,50	10	5604630071239
CHA190197500001	9,75	133	87	9,75	10	5604630109703
CHA1901100000001	10,00	133	87	10,00	10	5604630128490
CHA1901102500001	10,25	133	87	10,25	5	5604630071246
CHA1901105000001	10,50	133	87	10,50	5	5604630071253
CHA1901107500001	10,75	142	94	10,75	5	5604630109710
CHA1901110000001	11,00	142	94	11,00	5	5604630071260
CHA1901112500001	11,25	142	94	11,25	5	5604630109727
CHA1901115000001	11,50	142	94	11,50	5	5604630071277
CHA1901117500001	11,75	142	94	11,75	5	5604630109734
CHA1901120000001	12,00	151	101	12,00	5	5604630071284
CHA1901122500001	12,25	151	101	12,25	5	5604630071291
CHA1901125000001	12,50	151	101	12,50	5	5604630071307
CHA1901127500001	12,75	151	101	12,75	5	5604630128810
CHA1901130000001	13,00	151	101	13,00	5	5604630071314

**Note:** The technical information provided, verbally or in writing, is based on our current knowledge and should be regarded as non-binding collaboration. The use of the product is beyond our control, therefore we disclaim all liability for improper use of the product. The customer is responsible for confirming and evaluating (through testing) whether the product is suitable for the process and type of use in question. Our purpose is exclusively to guarantee the quality of the products according to our standards.



SAP	Description	Ø (mm)	Scale (mm)		EAN
CHA190002502003	Set of 25 pieces in plastic case	1,0 to 13,0	0,5 in 0,5	1	5604630106283
CHA190017001003	Set of 170 pieces in metal case	1,0 to 10,0	0,5 in 0,5	1	5604630106368

**Note:** The technical information provided, verbally or in writing, is based on our current knowledge and should be regarded as non-binding collaboration. The use of the product is beyond our control, therefore we disclaim all liability for improper use of the product. The customer is responsible for confirming and evaluating (through testing) whether the product is suitable for the process and type of use in question. Our purpose is exclusively to guarantee the quality of the products according to our standards.