

## DIN338 SPIRAL FULLY GROUND DRILL - HSS-G - BLACKLABEL

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

The BLACKLABEL range is distinguished by the excellence of the materials used in its manufacturing process, thus offering a product of high quality and safety.



- ✓ **High Speed Steel M2**
- ✓ **Fully ground**
- ✓ **High drilling performance**
- ✓ **Available from 1,0 to 16mm diameter**
- ✓ **Excellent centering capability**
- ✓ **Resistance to breakage**
- ✓ **Long tool life**

The CHEMITOOL HSS Drill Bit is made entirely of high-speed steel of M2 quality, prepared for drilling in metals with a hardness up to 1000N/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.



**LONG  
LIFE**

### Material

High Speed Steel M2

### Suitable for


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
CHA190110000000	1,00	34	12	1,00	10	5604630070102
CHA190115000000	1,50	40	18	1,50	10	5604630070119
CHA190120000000	2,00	49	24	2,00	10	5604630070126
CHA190125000000	2,50	57	30	2,50	10	5604630070133
CHA190127500000	2,75	61	33	2,75	10	5604630106146
CHA190130000000	3,00	61	33	3,00	10	5604630070140
CHA190132500000	3,25	65	36	3,25	10	5604630070157
CHA190135000000	3,50	70	39	3,50	10	5604630070164
CHA190137500000	3,75	70	39	3,75	10	5604630070171
CHA190140000000	4,00	75	43	4,00	10	5604630070188
CHA190142500000	4,25	75	43	4,25	10	5604630070195
CHA190145000000	4,50	80	47	4,50	10	5604630070201
CHA190147500000	4,75	80	47	4,75	10	5604630070218
CHA190150000000	5,00	86	52	5,00	10	5604630070225
CHA190152500000	5,25	86	52	5,25	10	5604630070232
CHA190155000000	5,50	93	57	5,50	10	5604630070249
CHA190157500000	5,75	93	57	5,75	10	5604630070256
CHA190160000000	6,00	93	57	6,00	10	5604630070263
CHA190162500000	6,25	101	63	6,25	10	5604630070270
CHA190165000000	6,50	101	63	6,50	10	5604630070287
CHA190167500000	6,75	101	63	6,75	10	5604630070294
CHA190170000000	7,00	109	69	7,00	10	5604630070300
CHA190172500000	7,25	109	69	7,25	10	5604630106153
CHA190175000000	7,50	109	69	7,50	10	5604630070317
CHA190177500000	7,75	117	75	7,75	10	5604630106160
CHA190180000000	8,00	117	75	8,00	10	5604630070324
CHA190182500000	8,25	117	75	8,25	10	5604630106177
CHA190185000000	8,50	117	75	8,50	10	5604630070331
CHA190187500000	8,75	125	81	8,75	10	5604630106184
CHA190190000000	9,00	125	81	9,00	10	5604630070348
CHA190192500000	9,25	125	81	9,25	10	5604630106191
CHA190195000000	9,50	125	81	9,50	10	5604630070355
CHA190197500000	9,75	133	87	9,75	10	5604630106207
CHA1901100000000	10,00	133	87	10,00	10	5604630122726
CHA1901102500000	10,25	133	87	10,25	5	5604630070362
CHA1901105000000	10,50	133	87	10,50	5	5604630070379
CHA1901107500000	10,75	142	94	10,75	5	5604630106214
CHA1901110000000	11,00	142	94	11,00	5	5604630070386
CHA1901112500000	11,25	142	94	11,25	5	5604630106221
CHA1901115000000	11,50	142	94	11,50	5	5604630070393
CHA1901117500000	11,75	142	94	11,75	5	5604630106238

**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
CHA1901120000000	12,00	151	101	12,00	5	5604630070409
CHA1901122500000	12,25	151	101	12,25	5	5604630070416
CHA1901125000000	12,50	151	101	12,50	5	5604630070423
CHA1901127500000	12,75	151	101	12,75	5	5604630106245
CHA1901130000000	13,00	151	101	13,00	5	5604630070430
CHA1901135000000	13,50	160	108	13,50	1	5604630070447
CHA1901140000000	14,00	160	108	14,00	1	5604630070454
CHA1901145000000	14,50	169	114	14,50	1	5604630070461
CHA1901150000000	15,00	169	114	15,00	1	5604630070478
CHA1901155000000	15,50	178	120	15,50	1	5604630070485
CHA1901160000000	16,00	178	120	16,00	1	5604630070492

**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.