

Countersinks



GCH081 HSS 3 Fluted Countersinks DIN335C
90°, round shank, bright finish,

Applicatio Ideal use for countersinking and deburring for sheet metal, nonferrous metal etc.

Size	Shank	Total length
mm	mm	mm
4.3	4	40
5.0	4	40
5.3	4	40
5.8	5	45
6.0	5	45
6.3	5	45
7.0	6	50
7.3	6	50
8.0	6	50
8.3	6	50
9.4	6	50
10.0	6	50
10.4	6	50
11.5	8	56
12.4	8	56
13.4	8	56
15.0	10	60
16.5	10	60
19.0	10	63
20.5	10	63
23.0	10	67
25.0	10	67
26.0	10	67
28.0	12	71
30.0	12	71
31.0	12	71



**GCH082 HSS 3 Fluted Countersinks 1/4" hex shank DIN335C
90°, 1/4" hex shank**

ApplicatioIdeal use for countersinking and deburring for sheet metal, nonferrous metal etc.

Size	Shank	Total length
mm		mm
6.3	1/4"	31
8.3	1/4"	32
10.4	1/4"	34
12.4	1/4"	36
15.3	1/4"	40
16.5	1/4"	40
20.5	1/4"	43



GCH083 HSS Flat Countersinks with Fixed Guide Pin DIN373

ApplicatioIdeal use for countersinking and deburring for sheet metal, nonferrous metal etc.

For through hole, fine

Size	Head Dia.	Pin Dia.	Shank Dia.	Total length
mm	mm	mm	mm	mm
M3	6.0	3.2	5.0	71
M4	8.0	4.3	5.0	71
M5	10.0	5.3	8.0	80
M6	11.0	6.4	8.0	80
M8	15.0	8.4	12.5	100
M10	18.0	10.5	12.5	100
M12	20.0	13.0	12.5	100

For through hole, medium				
Size	Head Dia.	Pin Dia.	Shank Dia.	Total length
mm	mm	mm	mm	mm
M3	6.0	3.4	5.0	71
M4	8.0	4.5	5.0	71
M5	10.0	5.5	8.0	80
M6	11.0	6.6	8.0	80
M8	15.0	9.0	12.5	100
M10	18.0	11.0	12.5	100
M12	20.0	13.5	12.5	100

For core hole

Size	Head Dia.	Pin Dia.	Shank Dia.	Total length
mm	mm	mm	mm	mm
M3	6.0	2.5	5.0	71
M4	8.0	3.3	5.0	71
M5	10.0	4.2	8.0	80
M6	11.0	5.0	8.0	80
M8	15.0	6.8	12.5	100
M10	18.0	8.5	12.5	100
M12	20.0	10.2	12.5	100



GCH084 HSS Countersinks with 90° Cross Hole
bright finish, fully ground

Applicatio Ideal use for chatter-free and burr-free work on sheet metal, nonferrous metal

Size	Shank	Total length
mm	mm	mm
1-4	6.35	45
2-5	6.00	45
5-10	8.00	48
10-15	10.00	65
15-20	12.00	85
20-25	15.00	102
25-30	15.00	115
30-35	15.00	127
35-40	15.00	136
40-50	18.00	166



GCH085 HSS Sheet Metal Shell Drill
bright finish, fully ground

ApplicatioIdeal use for drilling large holes on sheet metal, nonferrous metal, pipe etc

Size	Total length	Shank (dia.)
mm	mm	mm
3.0-14.0	58	6
5.0-20.0	71	8
16.0-30.5	76	9
24.0-40.0	89	10
36.0-50.0	97	12
40.0-61.0	103	13
5.0-25.4	87	10
5.0-31.0	103	9
5.0-22.5	79	8
6-20	71	10
9.5-22.5	71	10
34-51	81.5	13



GCH086 HSS Step Drill with Straight Flute

Special single flute, self starting
GCH086-1

ApplicatioIdea use for drilling large holes on sheet metal, nonferrous metal etc.

No.	Size	Total length	Steps	Shank
	mm	mm		mm
0/5	4.0-12.0	65	5	6
0/9	4.0-12.0	65	9	6
1	4.0-20.0	75	9	8
2	4.0-30.0	100	14	10
3	6.0-38.0	100	12	10
4	6.0-26.75	75	8	10

No.	Size	Total length	Steps	Shank
	mm	mm		mm
5	4.0-39.0	107	13	10
6	6.0-32.0	75	8	10
7	5.0-28.0	69	7	10
8	6.0-30.5	80	9	10
9	6.0-37.0	100	12	10
10	4.8-10.65	54	5	6
11	6.0-25.0	65	7	10
12	6.0-32.0	76	9	10
13	6.0-40.0	105	16	13



GCH087 HSS Step Drill with Spiral Flute
bright finish, fully ground, with split point

Applicatio Idea use for drilling large holes on sheet metal, nonferrous metal etc.

No.	Size	Total length	Steps	Shank
	mm	mm		mm
0/5	4.0-12.0	79	5	6
0/9	4.0-12.0	79	9	6
1	4.0-20.0	75	9	8
2	4.0-30.0	100	14	10
3	6.0-38.0	100	12	10
4	6.0-26.75	92	8	10
5	4.0-39.0	107	13	10
6	6.0-32.0	93	8	10
7	5.0-28.0	90	7	10
8	6.0-30.5	100	9	10
9	6.0-37.0	100	12	10
10	4.8-10.65	75	5	6
11	6.0-25.0	82	11	10
12	6.0-32.0	98	9	10
13	6.0-40.0	105	16	13



GCH088 HSS Step Drill with Spiral Flute
sprial flute, TiAlN coated

Applicatio Idea use for drilling large holes on sheet metal, nonferrous metal etc.

No.	Size	Total length	Steps	Shank
	mm	mm		mm
0/5	4.0-12.0	79	5	6
0/9	4.0-12.0	79	9	6
1	4.0-20.0	75	9	8
2	4.0-30.0	100	14	10
3	6.0-38.0	100	12	10
4	6.0-26.75	92	8	10
5	4.0-39.0	107	13	10
6	6.0-32.0	93	8	10
7	5.0-28.0	90	7	10
8	6.0-30.5	100	9	10
9	6.0-37.0	100	12	10
10	4.8-10.65	75	5	6
11	6.0-25.0	82	11	10
12	6.0-32.0	98	9	10
13	6.0-40.0	105	16	13