

FEED CHART

DRILL Ø	A	B	C	D	E	F
2,0	0,020	0,025	0,032	0,040	0,050	0,063
2,5	0,025	0,032	0,040	0,050	0,063	0,080
3,0	0,030	0,040	0,050	0,060	0,080	0,100
4,0	0,040	0,050	0,063	0,080	0,100	0,125
5,0	0,040	0,050	0,063	0,080	0,100	0,125
6,5	0,050	0,063	0,080	0,100	0,125	0,160
8,0	0,063	0,080	0,100	0,125	0,160	0,200
10,0	0,080	0,100	0,125	0,160	0,200	0,250
13,0	0,090	0,110	0,130	0,180	0,220	0,270
16,0	0,100	0,125	0,160	0,200	0,250	0,315
20,0	0,125	0,160	0,200	0,250	0,315	0,400
25,0	0,160	0,200	0,250	0,315	0,100	0,500
30,0	0,160	0,200	0,250	0,315	0,100	0,500
40,0	0,200	0,250	0,315	0,400	0,500	0,630
50,0	0,250	0,315	0,400	0,500	0,630	0,800
63,0	0,315	0,400	0,500	0,630	0,800	1,000
80,0	0,400	0,500	0,630	0,800	1,000	1,250

NOTE: THESE VALUES ARE VALID FOR THE FOLLOWING CONDITIONS OF USE

- Equable feed when drilling.
- Utilization of drills of dimensions according to DIN 338 or DIN 345.
- Qualities HSS, HSS-Co.
- Maximum length to be cut (drilled) equal to 3 times drill diameter
- Good stability and rigidity in the machine and in the fixing (tie up) of the piece.
- Without socket guide for drill.
- Good refrigeration (refrigerant, flow intensity, pressure).
- Vertical drilling and entrance and exit of drill; perpendiculars to the surface to drill.

The values of cutting speed and/or feed will have to vary, increasing or decreasing, in case that the conditions above described were not respected.