





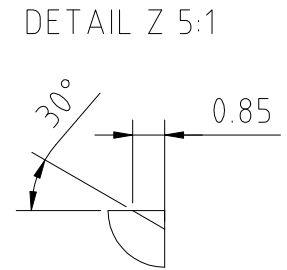
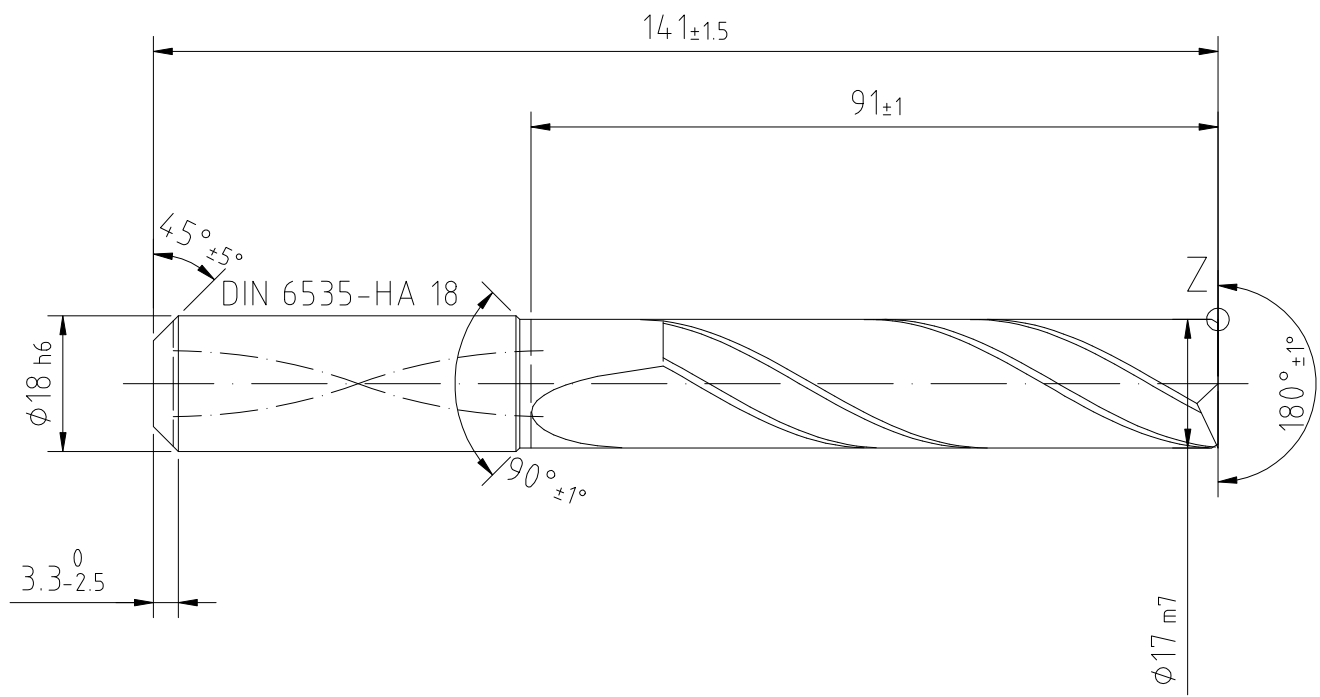
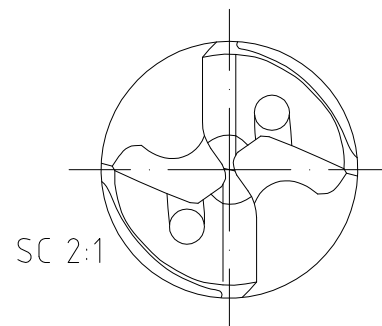

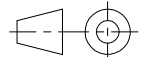


INDEX	CHANGES	DATE	NAME

NON TOLERANCED DIMENSIONS					
0.5	> 3	> 6	> 30	> 120	> 400
...3	...6	...30	...120	...400	...1000
± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8
RADIOI, CHAMFERS					
± 0.2	± 0.5	± 1	± 1	± 1	± 1
ANGLES, DIM. OF THE SHORTER SIDE					
bis 10	> 10	> 50	> 120	> 400	
...50	...50	...120	...400		
± 1°	± 30'	± 20'	± 10'	± 5'	

-  MEGA-180°-DRILL
-  30° HELICAL AT Ø 17
-  HP230
-  SEE TOOL CATALOG
-  WITH I.C.
- 



MAPAL © FABRIK FUER PRAEZISIONSWERKZEUGE DR. KRESS KG		TITLE MEGA-DRILL-180°, SHANK FORM HAK, COATED			FORMAT A3	
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			DATE	APPROVED	MATERIAL NUMBER 30382873	ORIGIN ALD
GENERAL TOLERANCE ISO 2768-mH SIZE ISO 14405-1 ©		DIMENSIONS NOT SHOWN ARE MAPAL STANDARDS	 SCALE 1:1	TECHNICAL SPECIFICATION SCD231-1700-2-4-180HA05-HP230		SHEET 1/1