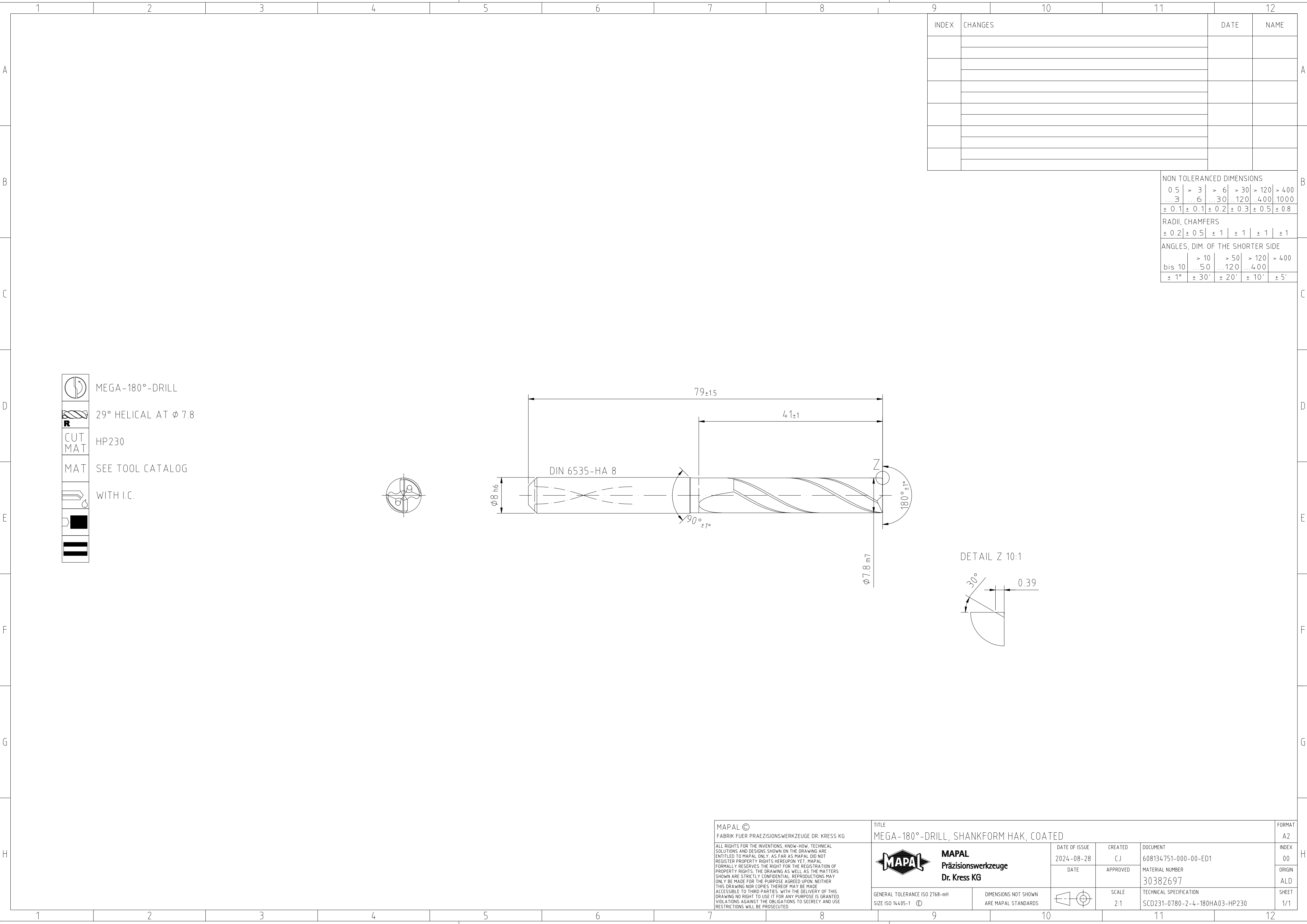




- MEGA-180°-DRILL
- 29° HELICAL AT Ø 7.8
- HP230
- SEE TOOL CATALOG
- WITH I.C.

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
RADII, CHAMFERS					
± 0.2	± 0.5	± 1	± 1	± 1	± 1
ANGLES, DIM. OF THE SHORTER SIDE					
bis 10	> 10	> 50	> 120	> 400	
...50	...120	...400			
± 1°	± 30'	± 20'	± 10'	± 5'	

MAPAL © FABRIK FUER PRAEZISIONSWERKZEUGE DR. KRESS KG		TITLE MEGA-180°-DRILL, SHANKFORM HAK, COATED				FORMAT A2
 MAPAL Präzisionswerkzeuge Dr. Kress KG	ALL RIGHTS FOR THE INVENTIONS, KNOW-HOW, TECHNICAL SOLUTIONS AND DESIGNS SHOWN ON THE DRAWING ARE ENTITLED TO MAPAL ONLY. AS FAR AS MAPAL DID NOT REGISTER PROPERTY RIGHTS HEREUPON YET, MAPAL FORMALLY RESERVES THE RIGHT FOR THE REGISTRATION OF PROPERTY RIGHTS. THE DRAWING AS WELL AS THE MATTERS SHOWN ARE STRICTLY CONFIDENTIAL. REPRODUCTIONS MAY ONLY BE MADE FOR THE PURPOSE AGREED UPON. NEITHER THIS DRAWING NOR COPIES THEREOF MAY BE MADE ACCESSIBLE TO THIRD PARTIES. WITH THE DELIVERY OF THIS DRAWING NO RIGHT TO USE IT FOR ANY PURPOSE IS GRANTED. VIOLATIONS AGAINST THE OBLIGATIONS TO SECRECY AND USE RESTRICTIONS WILL BE PROSECUTED.		DATE OF ISSUE 2024-08-28	CREATED CJ	DOCUMENT 608134751-000-00-ED1	INDEX 00
			DATE	APPROVED	MATERIAL NUMBER 30382697	ORIGIN ALD
	GENERAL TOLERANCE ISO 2768-mH SIZE ISO 14405-1 Ⓢ		DIMENSIONS NOT SHOWN ARE MAPAL STANDARDS			SCALE 2:1
					TECHNICAL SPECIFICATION SCD231-0780-2-4-180HA03-HP230	SHEET 1/1