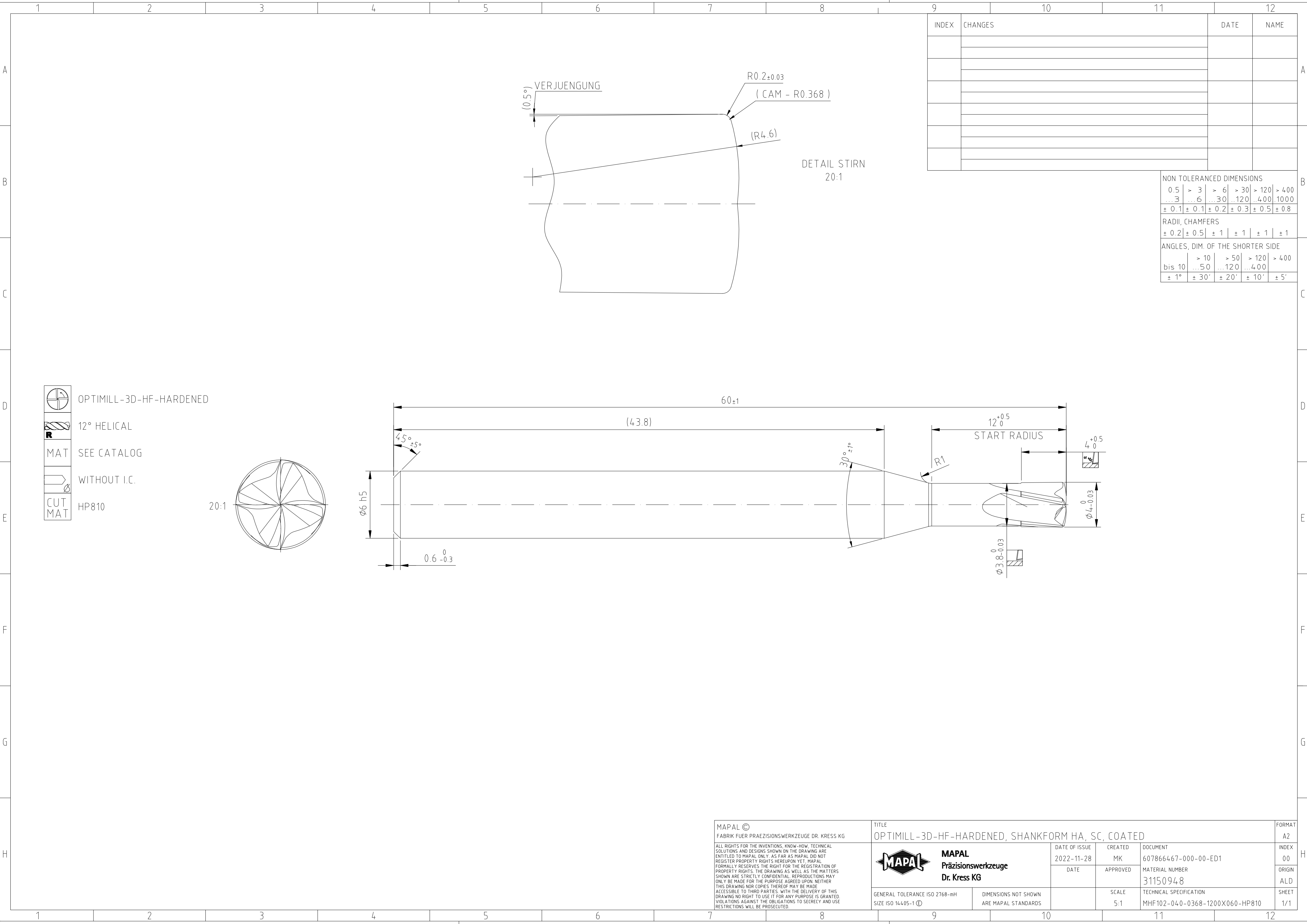
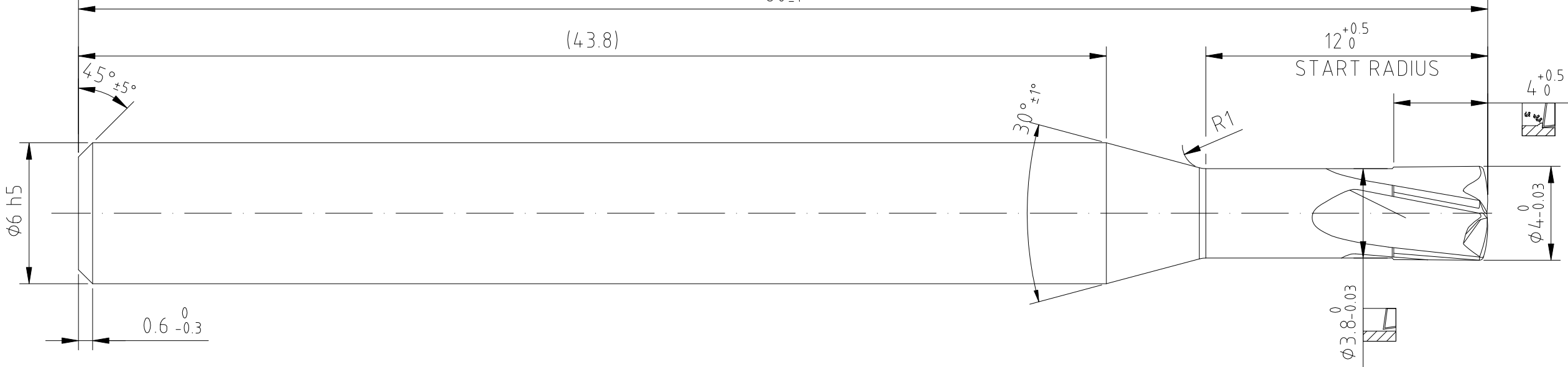
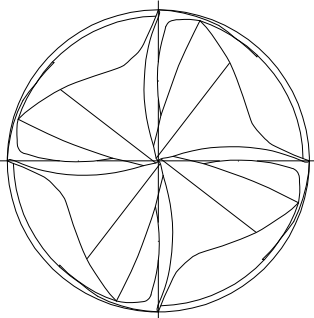




OPTIMILL-3D-HF-HARDENED
12° HELICAL
SEE CATALOG
WITHOUT I.C.
HP810

20:1



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 OPTIMILL-3D-HF-HARDENED, SHANKFORM HA, SC, COATED			FORMAT A2
 MAPAL Präzisionswerkzeuge Dr. Kress KG		DATE OF ISSUE 2022-11-28	CREATED MK	DOCUMENT 607866467-000-00-ED1	
		DATE	APPROVED	MATERIAL NUMBER 31150948	
GENERAL TOLERANCE ISO 2768-mH SIZE ISO 14405-1		DIMENSIONS NOT SHOWN ARE MAPAL STANDARDS		SCALE 5:1	TECHNICAL SPECIFICATION MHF102-040-0368-1200X060-HP810
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					ORIGIN ALD
					SHEET 1/1