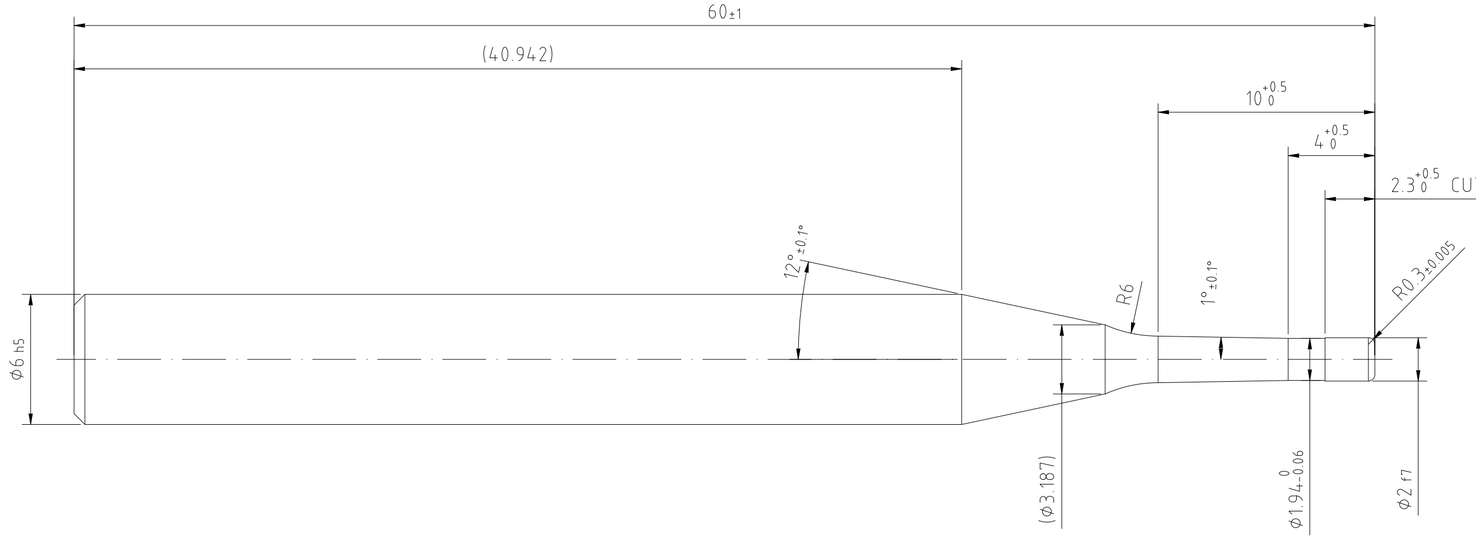
INDEX	CHANGES	DATE	NAME

NON TOLERANCED DIMENSIONS					
0.5 ...3	> 3 ...6	> 6 ...30	> 30 ...120	> 120 ...400	> 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	> 50 ...120	> 120 ...400	> 400	
± 1°	± 30'	± 20'	± 10'	± 5'	

OPTIMILL-3D-CR,Z=2

HP803

M 10:1



REGRINDING INFO	
TIP	○
OUTER DIAMETER	○
FLUTE	○
ADDING OF WORKING LENGTH	○
ADDING OF WORKING DIAMETER	○
DECOATING	○

● YES ◐ OPTIONAL ○ NO

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TITLE: OPTIMILL-3D-CR, SHANKFORM HA, SC, COATED

FORMAT: A2

MAPAL
Präzisionswerkzeuge
Dr. Kress KG

DATE OF ISSUE	CREATED	DOCUMENT	INDEX
2021-11-25	MF	607409847-000-02-ED1	00
DATE	APPROVED	MATERIAL NUMBER	ORIGIN
		31154055	AAD

GENERAL TOLERANCE ISO 2768-mH	DIMENSIONS NOT SHOWN	SCALE	TECHNICAL SPECIFICATION	SHEET
SIZE ISO 14405-1 Ⓔ	ARE MAPAL STANDARDS	5:1	MCR102-020-0030-1000B060-HP803	1/1