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

75±1

(43.037)

25 $^{+0.5}_{0}$

4 $^{+0.5}_{0}$

2.3 $^{+0.5}_{0}$ CUTTING LENGTH

12° ±0.1°

R6

1.5° ±0.1°

R0.5±0.005

Ø6 h5

(Ø4.077)

Ø1.94 $^{0}_{-0.06}$

Ø2 f7

REGRINDING INFO

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

● YES ◐ OPTIONAL ○ NO

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	607410867-000-02-ED1	00
DATE	APPROVED	MATERIAL NUMBER	ORIGIN
		3154088	AAD

GENERAL TOLERANCE ISO 2768-mH	DIMENSIONS NOT SHOWN		SCALE	TECHNICAL SPECIFICATION	SHEET
SIZE ISO 14405-1 ℂ	ARE MAPAL STANDARDS		5:1	MCR102-020-0050-2500C075-HP803	1/1