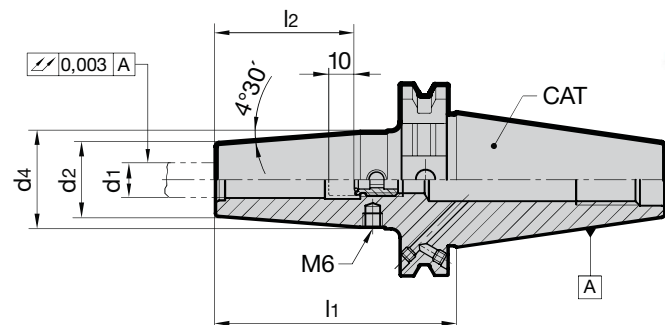


Product information

- Optimized cooling for tools without internal coolant ducts
- Good chip evacuation and increased process reliability
- balancing quality: G2.5 / 25,000 rev./min or U< 1gmm
- Including balancing threads 4x M6 / 6xM6
- CAT taper form AD/B
- Coolant through center and also through flange (plugged with set screws when supplied)
- CAT 40 - 5/8 x 11 retention knob thread
- CAT 50 - 1" x 8 retention knob thread

Scope of delivery

- Including setting screw, Guhring no. 4938 with slots for coolant supply
- Special dimensions on request


GUHROJET


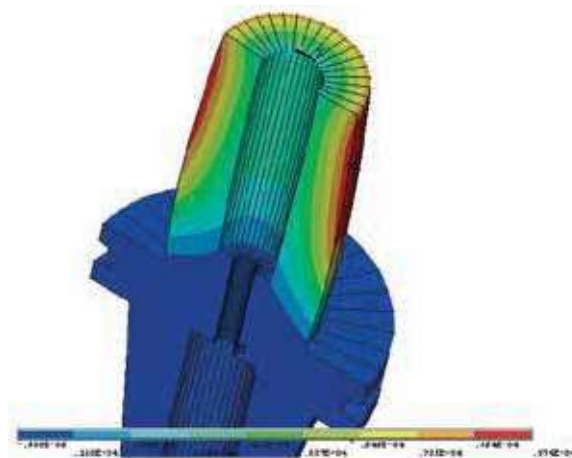
Series no. 4765

CAT	clamping dia. d1 in h6 inch	d2 mm	d4 mm	l1 mm	l2 mm	incl. setting screw Guh. no. Code no.	Code no.	EDP Number
40	1/4	21	27	80	36	9049770060140	106.040	9047651060400
40	3/8	24	32	80	41	9049770080140	109.040	9047651090400
40	1/2	24	32	80	46	9049770120140	112.040	9047651120400
40	5/8	27	34	80	49	9049770160140	115.040	9047651150400
40	3/4	33	42	80	49	9049770160140	119.040	9047651190400
50	3/8	24	32	80	41	9049770080140	109.050	9047651090500
50	1/2	24	32	80	46	9049770120140	112.050	9047651120500
50	3/4	33	42	80	49	9049770160140	119.050	9047651190500
50	1	44	53	100	57	9049770201140	125.050	9047651250500

A gripping principle

When shrink fitting tools into shrink fit chucks, the decisive factors for ensuring the safe clamping of the tool in the tool holder are solely the heating and cooling of the tool holder. The heating process expands the shrink fit chuck enabling a tool to be inserted or withdrawn respectively. During the cooling process it contracts again and clamps the inserted tool with maximum clamping force.

Because the shrink fit chucks can become extremely hot in localized areas during the heating process and the tools shrink fitted for insertion or withdrawal respectively possess very sharp cutting edges, it is important that the operator wears Kevlar® gloves during the shrink fit operation to prevent burns and cuts to the hands.



Tool holders

TOOL HOLDERS WITH PERIPHERAL COOLING

|GÜHROJET|





***OPTIMAL CHIP
EVACUATION***



***HIGH PROCESS
RELIABILITY***



***IMPROVED COOLING
LUBRICATION***

