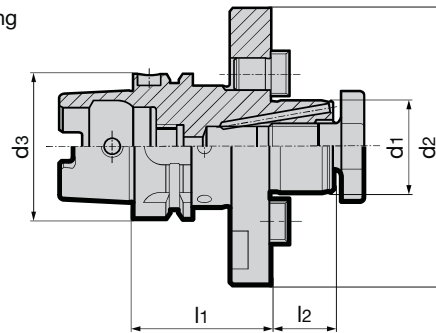


Product information

- HSK-A to ISO 12164-1/DIN 69893-1
- to hold face milling cutters
- balancing quality: G6.3 / 15,000 rev./min
- to DIN 69882-3
- for centralised or decentralised internal cooling, therefore process and tool life improvement
- bore-Ø 40 mm has four additional holes with internal thread for milling heads with tool attachment DIN 2079 and increased tight fitting diameter d2
- incl. balancing thread 6xM6

Scope of delivery

- incl. milling retainer screw article no. 4908 and driving keys
- order coolant supply set article no. 4949 separately

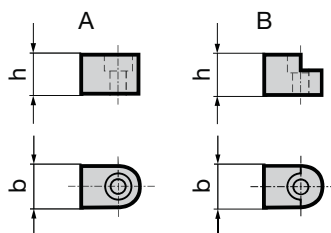


GÜHROJET

Series no. **4362**

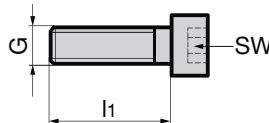
HSK-A d ₃	arbor-Ø d ₁ h ₆ mm	d ₂ mm	l ₁ mm	l ₂ mm	kg	Code no.	EDP Number
63	22	50	50	19	1.1	22.063	9043620220630
63	27	60	60	21	1.3	27.063	9043620270630
63	32	78	60	24	1.5	32.063	9043620320630
63	40	120	60	27	2.7	40.063	9043620400630
63	40	89	60	27	2.7	140.063	9043621400630
80	27	60	50	21	1.8	27.080	9043620270800
80	32	78	50	24	2.1	32.080	9043620320800
80	40	120	60	27	3.3	40.080	9043620400800
80	40	89	60	27	3.3	140.080	9043621400800
80	60	160	70	40	6.3	60.080	9043620600800
100	27	60	50	21	2.9	27.100	9043620271000
100	32	78	50	24	3.3	32.100	9043620321000
100	40	120	60	27	4.2	40.100	9043620401000
100	40	89	60	27	4.2	140.100	9043621401000
100	60	160	70	40	7.2	60.100	9043620601000

Tool Holders



Scope of delivery

- minimum order quantity 10



Series no. **4922**

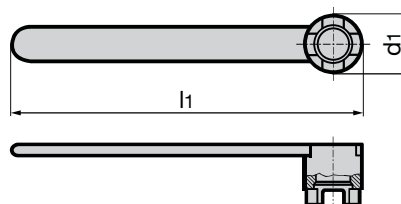
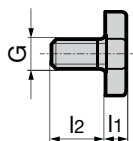
for arbor-Ø mm	Form	h mm	b mm	EDP Number
16	B	9.25	8	9049220160000
22	B	11.00	10	9049220220000
27	A	12.75	12	9049220270000
32	A	16.50	14	9049220320000
40	A	20.00	16	9049220400000
50	A	27.50	18	9049220500000

Series no. **4907**

G	l ₁ mm	SW	strength	EDP Number
M4	10	3	8.8	9049070041000
M5	12	4	8.8	9049070051200
M6	16	5	8.8	9049070061600
M6	20	5	8.8	9049070062000
M8	25	6	8.8	9049070082500
M12	65	10	10.9	9049070126500

Product information

- to DIN 6367
- on request with internal cooling



Tool holders

Series no. **4908**

for arbor-Ø mm	G	l ₁ mm	l ₂ mm	torque Nm	EDP Number
16	M8	6	16	40	9049080160000
22	M10	7	18	60	9049080220000
27	M12	8	22	80	9049080270000
32	M16	9	26	95	9049080320000
40	M20	10	30	100	9049080400000
50	M24	12	36	135	9049080500000
60	M30	14	45	160	9049080600000

Series no. **4909**

for arbor-Ø mm	d ₁ mm	l ₁ mm	EDP Number
16	22	180	9049090160000
22	28	200	9049090220000
27	35	225	9049090270000
32	42	250	9049090320000
40	52	280	9049090400000
50	63	315	9049090500000
60	76	355	9049090600000

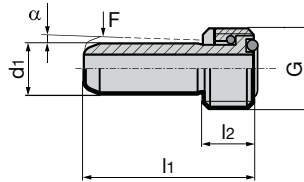
Coolant supply sets for conventional cooling

Product information

- leak-proof screwed connection tested to 80 bar
- to DIN 69895
- F = angle movability $\pm 1^\circ$
- for HSK-A and HSK-E shanks

Scope of delivery

- incl. union nut and O-rings



Series no.

4949

for HSK-A	d ₁ mm	α°	F	G	l ₁ mm	l ₂ mm	EDP Number
32	6	1.2	5N	M10x1.0	26.0	5.5	9049490100320
40	8	1.4	5N	M12x1.0	29.5	7.5	9049490120400
50	10	1.3	6N	M16x1.0	33.0	9.5	9049490160500
63	12	1.3	6N	M18x1.0	36.5	11.5	9049490180630
80	14	1.4	7N	M20x1.5	40.0	13.5	9049490200800
100	16	1.4	7N	M24x1.5	44.0	15.5	9049490241000

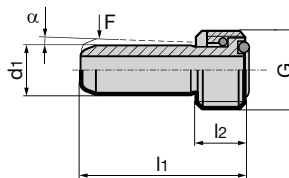
Coolant supply sets for conventional cooling with filter

Product information

- leak-proof screwed connection tested to 80 bar
- similar DIN 69895
- with filter for contamination-free cooling
- protects against tool breakage and eases error analysis
- F = angle movability $\pm 1^\circ$
- for HSK-A and HSK-E shanks

Scope of delivery

- incl. union nut and O-rings
- 100µ stainless steel fabric filter



Series no.

4979

for HSK-A	d ₁ mm	α°	F	G	l ₁ mm	l ₂ mm	EDP Number
32	6	1.2	5N	M10x1	26.0	5.5	9049790100320
40	8	1.4	5N	M12x1	29.5	7.5	9049790120400
50	10	1.3	6N	M16x1	33.0	9.5	9049790160500
63	12	1.3	6N	M18x1	36.5	11.5	9049790180630
80	14	1.4	7N	M20x1.5	40.0	13.5	9049790200800
100	16	1.4	7N	M24x1.5	44.0	15.5	9049790241000

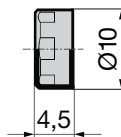
Data coding chip

Product information

- Identification systems BIS C
- for installation space to DIN 69 873
- data carrier read/write
- 511 bytes
- operating temperature 0...+70
- protection class to IEC
- product data exchange acc. to DIN 4000
- glued in bore Ø10 H11

Scope of delivery

- data coding chip
- installation in chuck and additional balancing can be ordered separately



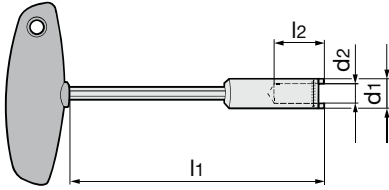
Series no.

4955

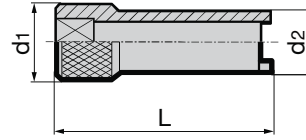
coding chip BIS C-122-04/L	EDP Number
10 x 4.5	9049550100000

Product information

- with T-handle
- for coolant supply sets for conventional cooling and MQL coolant supply unit

**Product information**

- suitable for torque wrench
Series no. 4915, drive 3/8"
- for coolant supply sets



Series no. 4911

for HSK	d1 mm	d2 mm	l1 mm	l2 mm	EDP Number
32	11,0	6,1	128	23,0	9049110240000
40	13,0	8,1	134	26,0	9049110300000
50	15,0	10,1	134	28,0	9049110380000
63	17,0	12,1	135	31,5	9049110480000
80	20,0	14,1	138	32,0	9049110600000
100	22,5	16,1	138	35,0	9049110750000

Series no. 4910

for HSK	MA Nm	d1 mm	d2 mm	L mm	EDP Number
32	7	20	14	60	9049100240000
40	11	20	16	60	9049100300000
50	15	20	18	60	9049100380000
63	20	20	18	60	9049100480000
80	25	20	20	75	9049100600000
100	30	22	22	80	9049100750000

Installation of coolant supply sets 4949/4979

1. The HSK holder must be clean, free of swarf and undamaged.
2. Grease the O-rings prior to assembly.
3. Centrally insert the complete coolant supply set (coolant pipe, union nut and 2 O-rings) in the HSK with the assistance of the socket spanner.
4. Screw in the coolant supply set/coolant supply unit and tighten (see table for torque figures)
5. Check coolant pipe for radial mobility.

Torque figures

for HSK	MA Nm
32	7
40	11
50	15
63	20
80	25
100	30

