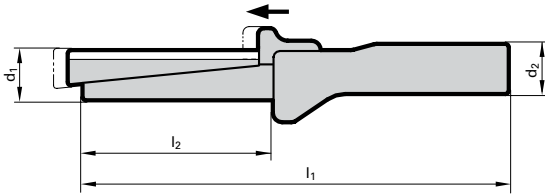


## Cylindrical cleaning mandrels

### Product information

- for cleaning the bore of the tool holder
- e.g. hydraulic chucks and shrink fit chucks



Series Number

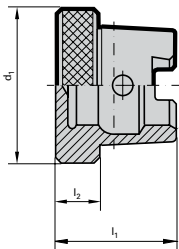
4918

d <sub>1</sub> mm	d <sub>2</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm	EDP Numbers
6	24	37	158	9049180060000
8	24	37	158	9049180080000
10	24	47	168	9049180100000
12	24	47	168	9049180120000
14	24	47	168	9049180140000
16	24	70	176	9049180160000
18	24	70	176	9049180180000
20	24	70	176	9049180200000
25	24	80	186	9049180250000
32	30	100	221	9049180320000
40	30	105	226	9049180400000

## HSK-C sealing plugs

### Product information

- with high coolant pressure applications, it is imperative to seal the spindle with the sealing plug for safety reasons when the machine spindle is not fitted with a tool. The sealing plug protects the spindle from contamination.



Series Number

4985

HSK-C	d <sub>1</sub> mm	l <sub>1</sub> mm	l <sub>2</sub> mm	kg	EDP Numbers
32	34	26.0	10.0	0.07	9049850320000
40	42	30.0	10.0	0.11	9049850400000
50	52	37.5	12.5	0.23	9049850500000
63	65	44.5	12.5	0.39	9049850630000
80	82	56.0	16.0	0.81	9049850800000
100	102	66.0	16.0	1.36	9049851000000