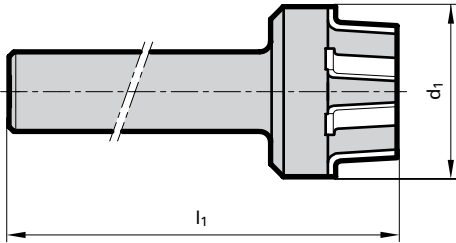


HSK cleaning mandrels

Product information

- for cleaning internal tapers and the end faces on HSK
- by cleaning the contact surfaces accuracy, clamping torque and tool life of interfaces are improved
- the taper wipers are available in 3 designs, suitable for HSK and SK spindles and HPC precision chucks



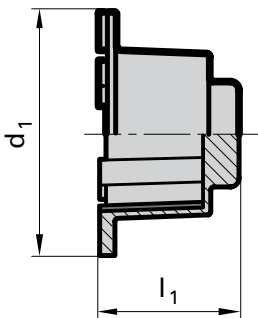
Series Number 4914

taper type	d_1 mm	l_1 mm	EDP Numbers
HSK-25	32	125	9049140190000
HSK-32	46	140	9049140240000
HSK-40	46	145	9049140300000
HSK-50	55	155	9049140380000
HSK-63	67	170	9049140480000
HSK-80	85	180	9049140600000
HSK-100	105	200	9049140750000
HPC 14 mm	24	160	9049140140000
HPC 20 mm	24	156	9049140200000
HPC 32 mm	42	170	9049140320000
ISO taper/BT30	35	168	9049140300300
ISO taper/BT40	48	188	9049140400000
ISO taper/BT50	75	240	9049140500000

HSK cleaning cap

Product information

- for cleaning the external taper and face



Series Number 4947

for HSK-A/C/E	d_1 mm	l_1 mm	EDP Numbers
40	53	36	9049470010400
50	66	42	9049470010500
63	83	53	9049470010630
80	103	58	9049470010800
100	125	77	9049470011000