

ISF - "CoolTool"



For mounting of solid carbide and HSS-cutters acc. DIN 6353 form HA. Ideal for use of tools without coolant supply as well as machining of difficult areas with bad chip disposal.

Induction shrink chucks are made of heat-resistant tool steel, with long service life and high strength. The shrink-in and shrink-out process can be repeated as often as desired. Induction shrink chucks guarantee clamping force and elasticity. Suitable for hot air and induction.

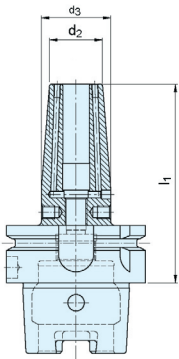
Technical features:

- two borings in the wall of the shrink chuck lead the coolant directly to the tool cutting edge
- due to the inclined exit of the coolant borings the coolant is leaded to the tool cutting edge, even under high rotation
- When milling in pockets, or the like, the strong and directly to the machining area aiming coolant stream washes away the chips
- shrink-fitting of carbide HM and HSS tools possible
- shrink-in time max. 8 seconds

Customer advantage:

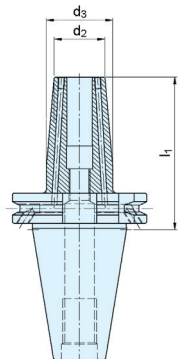
- closeable with threaded pin
- high temperatures in the bore only
- no heating of the taper
- cooling unit integrated in the shrink device

Tool group A39
Type 293-15
Induction shrink chucks with positive taper lock system as per DIN 69893-1 HSK A "COOL TOOL"



Item no.	Mount HSK	Clamping dia.	d2	d3	l1	Weight
1063644	A 63	6	21	27	80	900
1063645	A 63	8	21	27	80	900
1078785	A 63	6	21	27	160	1300
1078786	A 63	8	21	27	160	1300
1063646	A 63	10	24	32	85	900
1063647	A 63	12	24	32	90	1000
1078787	A 63	10	24	32	160	1600
1078788	A 63	12	24	32	160	1500
1063648	A 63	14	27	34	90	1000
1063649	A 63	16	27	34	95	1000
1078789	A 63	14	27	34	160	1600
1078790	A 63	16	27	34	160	1600
1063650	A 63	18	33	42	95	1200
1063651	A 63	20	33	42	100	1200
1078791	A 63	18	33	42	160	1900
1078792	A 63	20	33	42	160	1800
1063652	A 63	25	44	53	115	1800
1078793	A 63	25	44	53	160	2500

Tool group A39
Type 293-15
Induction shrink chucks with steep taper shank as per DIN 69871 form AD + B "COOL TOOL"



Item no.	Mount MT	Clamping dia.	d2	d3	l1	Weight
1079004	40	6	21	27	80	1000
1079005	40	8	21	27	80	1100
1079006	40	10	24	32	80	1100
1079007	40	12	24	32	80	1100
1079008	40	14	27	34	80	1200
1079009	40	16	27	34	80	1100
1079010	40	18	33	42	80	1300
1079011	40	20	33	42	80	1300
1079012	40	25	44	53	80	1800