



For more information

Tooling system

TUNGSHRINK

Tungaloy Report No. 389S7-US

Introducing **SHRINKIN** induction units —
easy-to-use shrink-fit technology for fast and
reliable performance



New **SHRINKIN** induction heating technology offers fast performance and extremely reliable precision

■ Features

Model AP

- Easy-to-use shrink-fit machine with automatic heating program
- Quick cooling and drying system requiring no more than 30 sec.
- Serviceable for carbide and HSS tools
- User-friendly control panel design
- Compatible to Tungaloy's SRKIN and SRK toolholders (HSS tools can be set in SRKIN holders only.)



Tool Mounting Range	ø1/8" - 1 1/4" (carbide) / ø1/4" - 1 1/4" HSS Only in SRKIN holders
Maximum Holder Height	15.748"
Output	14.75 HP (11 kW)
Electrical Supply	480V / 15A / 60 Hz - US
Dimensions (Width, Depth, Height)	31.496" x 22.047" x 67.716"
Weight Excluding Lubricant	265 lb



Model BS

- Table-top model, portable design
- With air cooling
- Available for carbide tools only with clamping range from 1/8" - 1 1/4"
- Easy input of shrink parameters by scanning bar codes
- Compatible for Tungaloy's SRKIN and SRK toolholders



Tool Mounting Range	ø 1/8" - 1 1/4" (carbide)
Maximum Holder Height	15.748"
Output	10.73 HP (8 kW)
Electrical Supply	480V / 15A / 60 Hz - US
Dimensions (Width, Depth, Height)	12.599" x 15.748" x 33.071"
Weight Excluding Lubricant	44 lb



New

INDN AP UNIT US

Induction Heating Unit for Thermal Shrink Tool Chucking



Designation

INDN AP UNIT US

Machine

480V / 15A / 60Hz



New

INDN BS UNIT US

SHRINKIN Induction Heating Unit for Shrink Tool Chucking.



Designation

INDN BS UNIT US

Machine

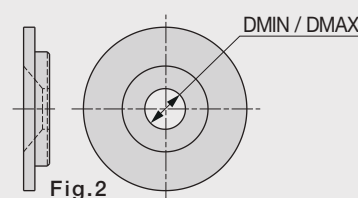
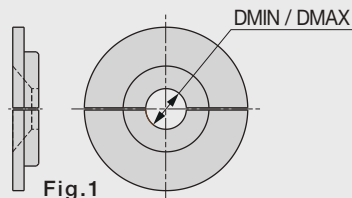
480V / 15A / 60Hz



New

INDN AP DISC/SPLIT

Induction Coil Stop Disc AP Unit



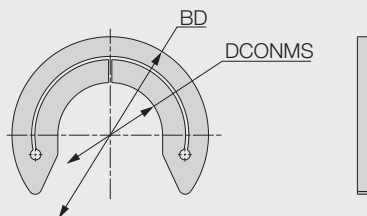
Designation	Type	DMIN	DMAX	Clamping diameter	Included or Sold separately	Fig.
INDN AP DISC 3-5 #0	AP	0.118	0.197	0.118 - 0.197 / SRK 0.236	Included	2
INDN AP DISC 6-12 #1	AP	0.236	0.472	0.236 - 0.472	Included	2
INDN AP DISC 14-20 #2	AP	0.551	0.866	0.551 - 0.866	Included	2
INDN AP DISC 25-32 #3	AP	0.984	1.260	0.984 - 1.260	Included	2
INDN AP DISC SKR3-5 #5	AP	0.118	0.197	SRK 0.118 - 0.197	Included	2
INDN AP DISC SKR8 #8	AP	0.315	0.315	SRK 0.315	Included	2
INDN AP DISC SKR12 #12	AP	0.394	0.472	SRK 0.394 - 0.472	Included	2
INDN AP SPLIT #0	AP	0.118	0.197	0.118 - 0.197	Sold separately	1
INDN AP SPLIT #1	AP	0.236	0.472	0.236 - 0.472	Sold separately	1
INDN AP SPLIT #2	AP	0.551	0.866	0.551 - 0.866	Sold separately	1
INDN AP SPLIT #3	AP	0.984	1.260	0.984 - 1.260	Sold separately	1
INDN AP DISC SHORT 12-22	AP	0.472	0.866	Short 0.472 - 0.866	Sold separately	2
INDN BS DISC 6-8 #1	BS	0.236	0.315	0.236 - 0.315	Included	2
INDN BS DISC 10-14 #2	BS	0.394	0.551	0.394 - 0.551	Included	2
INDN BS DISC 16-18 #3	BS	0.630	0.709	0.630 - 0.709	Included	2
INDN BS DISC 20 #4	BS	0.787	0.787	0.787	Included	2
INDN BS DISC 25-32 #5	BS	0.984	1.260	0.984 - 1.260	Included	2
INDN BS DISC SRK3 #6	BS	0.118	0.118	0.118	Sold separately	2
INDN BS DISC SRK4 #7	BS	0.157	0.157	SRK 0.157	Sold separately	2
INDN BS DISC SRK5 #8	BS	0.197	0.197	SRK 0.197	Sold separately	2
INDN BS DISC SRK6 #9	BS	0.236	0.236	SRK 0.236	Sold separately	2
INDN BS DISC SRK8 #10	BS	0.315	0.315	SRK 0.315	Sold separately	2
INDN BS DISC SRK10 #11	BS	0.394	0.394	SRK 0.394	Sold separately	2
INDN BS DISC SRK12 #12	BS	0.472	0.472	SRK 0.472	Sold separately	2

(Unit: Inch)

New

INDN SETTING DISC

Height setting discs metric



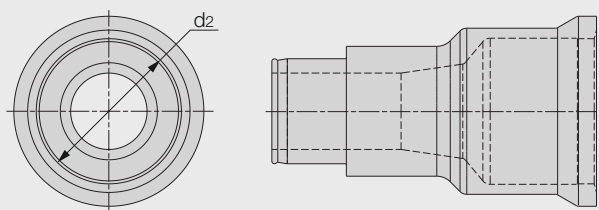
Designation	Type	BD	DCONMS	Tool diameter	Included or Sold separately
INDN SETTING DISC 1/8	AP / BS	0.640	0.125	1/8	Sold separately
INDN SETTING DISC 3/16	AP / BS	0.640	0.187	3/16	Sold separately
INDN SETTING DISC 1/4	AP / BS	0.640	0.250	1/4	Sold separately
INDN SETTING DISC 5/16	AP / BS	0.800	0.313	5/16	Sold separately
INDN SETTING DISC 3/8	AP / BS	0.800	0.375	3/8	Sold separately
INDN SETTING DISC 1/2	AP / BS	1.000	0.500	1/2	Sold separately
INDN SETTING DISC 5/8	AP / BS	1.200	0.625	5/8	Sold separately
INDN SETTING DISC 3/4	AP / BS	1.340	0.750	3/4	Sold separately
INDN SETTING DISC 1.000	AP / BS	1.540	1.000	1	Sold separately
INDN SETTING DISC 1 1/4	AP / BS	1.970	1.250	1 1/4	Sold separately

(Unit: Inch)

New

INDN AP AD

Tool holder adapter AP unit



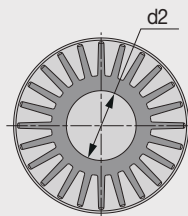
Designation	Type	Suitable tool holder	d2	Included or Sold separately
INDN AP AD 32	AP	HSK32	1.260	Sold separately
INDN AP AD 40	AP	HSK40 / C4	1.575	Sold separately
INDN AP AD 50	AP	HSK50 / C5 / #30	1.968	Sold separately
INDN AP AD 63	AP	HSK63 / C6 / #40 / KM63	2.480	Sold separately
INDN AP AD 80	AP	HSK80 / C8 / #45	3.150	Sold separately
INDN AP AD 100	AP	HSK100 / C10 / #50	3.937	Sold separately

(Unit: Inch)

New

INDN BS AD HSK





Tool holder adapter BS unit



Designation	Type	Suitable tool holder	d2	Included or Sold separately
INDN BS AD HSK 25	BS	HSK25	0.984	Sold separately
INDN BS AD HSK 32	BS	HSK32	1.260	Sold separately
INDN BS AD HSK 40	BS	HSK40	1.575	Sold separately
INDN BS AD HSK 50	BS	HSK50	1.968	Sold separately
INDN BS AD HSK 63	BS	HSK63	2.480	Sold separately
INDN BS AD HSK 80	BS	HSK80	3.150	Sold separately
INDN BS AD HSK 100	BS	HSK100	3.937	Sold separately
INDN BS AD TAPER #30	BS	#30	1.968	Sold separately
INDN BS AD TAPER #40	BS	#40	2.480	Sold separately
INDN BS AD TAPER #50	BS	#50	3.937	Sold separately
INDN BS AD C3	BS	C3	1.260	Sold separately
INDN BS AD C4	BS	C4	1.575	Sold separately
INDN BS AD C5	BS	C5	1.968	Sold separately
INDN BS AD C6	BS	C6	2.480	Sold separately
INDN BS AD C8	BS	C8	3.150	Sold separately

(Unit: Inch)

PARTS

Appearance	Designation	Type	Included or Sold separately
	INDN CLAMP RING	AP / BS	Included
	IND THERMIC GLOVES	AP / BS	Included
	COOLANT SYNERGY 905	AP	Included
	INDN AP COIL LIMIT STOP	AP	Sold separately
-	INDN AP SERVICE PUMP	AP	Sold separately

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