

CAT 40 SHRINK FIT HOLDERS

CAT 40 STANDARD SHRINK FIT HOLDERS

If you do high speed, or high torque machining you should seriously consider the benefits of shrink fit technology. Your investment will pay for itself many times over. With shrink fit toolholders vibration is reduced and cutting is noticeably faster and smoother. Manufacturing times can be reduced while maintaining the quality and accuracy demanded by today's competitive markets. Shrink fit uses the expansion and contraction properties of metal to provide extremely powerful tool holding. The bore is slightly smaller than the tool shank, and when heated it expands just enough to allow the tool to be inserted. When it cools, the contraction of the metal holds the cutting tool with 10,000 lbs of force



Benefits of Shrink Fit:

- TIR 0.0002" max
- Permits increased feeds and speeds
- Highest rigidity-permits increased chip load and improves accuracy and repeatability
- Change tools in as little as 6 seconds!
- Increased carbide tool life and reduced tooling costs



Dia d1	OD d2	d3	Proj L1	L2	Part Number	Price
1/8"	0.63	.87	3.50	.79	C40-01SF350-T	\$232.20
3/16"	0.63	.87	3.50	.79	C40-18SF350-T	\$232.20
1/4"	0.71	1.06	3.00	1.42	C40-25SF300-T	\$232.20
	0.71	1.06	3.50	1.42	C40-25SF350-T	\$232.20
5/16"	0.78	1.06	3.50	1.42	C40-31SF350-T	\$232.20
	0.94	1.26	3.00	1.53	C40-37SF300-T	\$232.20
3/8"	0.94	1.26	3.75	1.53	C40-37SF375-T	\$232.20
	1.10	1.34	3.00	1.85	C40-50SF300-T	\$232.20
1/2"	1.10	1.34	3.75	1.85	C40-50SF375-T	\$232.20
	1.26	1.34	3.75	1.97	C40-62SF375-T	\$232.20
5/8"	1.42	1.65	3.00	2.04	C40-75SF300-T	\$255.60
	1.42	1.65	4.00	2.04	C40-75SF400-T	\$232.20
1.00"	1.81	2.09	3.00	2.28	C40-10SF300-T	\$255.60
	1.81	2.09	4.00	2.28	C40-10SF400-T	\$232.20
1-1/4"	1.81	2.09	4.00	2.28	C40-12SF400-T	\$232.20

TECHNOSHRINK II SHRINK-FIT MACHINE



Easy To Use- Simply Align The Induction Head With Your Toolholder, Enter Your Shank Size And Press START!

Features:

- Microprocessor controlled induction heat changes tools in 30 seconds!
- Automatic cooling using shop air eliminates handling hot tools
- for carbide shank sizes 1/8" to 1-1/8" (works best with h6 shanks)
- The benefits of shrink-fit without the high cost!
- Optional heat sinks reduce cooling cycle time by 50% to only 90 seconds!



Description	Tool Change	Rating	L x D x H	Part Number	Price
TechnoSHRINK II	30 seconds	1 phase, 220v, 20A	16" x 19" x 28"	TECH-00300	\$4,000.00



Toolholder Adapter



Induction Stop Ring



Toolholder Sleeve

Included With TechnoSHRINK II Machine (1 Of Each)

Description	Part Number
Small Induction Head 3-16mm	TECH-00300-021
Large Induction Head 20-32mm	TECH-00300-022
Induction Stop ring 3-5mm	TECH-00165
Induction Stop ring 6-12mm	TECH-00166
Induction Stop ring 14-20mm	TECH-00167
Induction Stop ring 25-32mm	TECH-00168
Toolholder Adapter 30 Taper	TECH-00151

Description	Part Number
Toolholder Adapter 40 Taper	TECH-00152
Toolholder Adapter 50 Taper	TECH-00153
Toolholder Adapter HSK 40 Taper	TECH-00157
Toolholder Adapter HSK 50 Taper	TECH-00158
Toolholder Adapter HSK63 Taper	TECH-00159
Toolholder Sleeve	TECH-00170
Thermal Insulated Glove	TECH-GLOVE



Optional Heat Sinks Reduce Cooling Time By 50%!

Call Us Today For All Of Your Machine Tool Needs!