



TOOLING  
YOUR  
WORLD.



PREMIUM BALANCE  
**G2.5 at 30,000rpm**

CERTIFICATE INCLUDED  
CAT/BT 30, 40, HSK63A

PREMIUM BALANCE  
**G2.5 at 25,000rpm**

CERTIFICATE INCLUDED  
CAT50, HSK100A

## Shrink Fit Holders

CAT40 & CAT50, BT30 & BT40, HSK63A & HSK100A

**Simple and fast.** The total time elapsed to remove one cutting tool and insert another is **less than 10 seconds.**

Tool is **gripped 360° along the entire length of the bore.** This results maximum clamping force, greater rigidity, and an exceptional concentricity (0.0001"/0.003mm). You can run your machine at faster speeds and feeds with no danger of the tool slipping or bending.

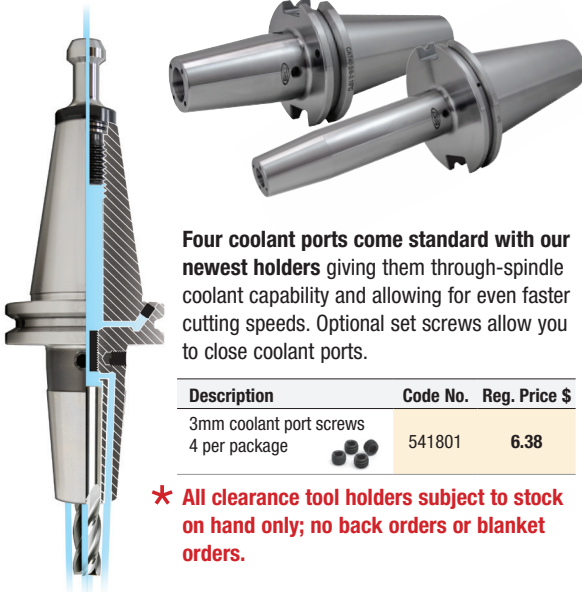


**Short projections are possible** because no mechanical clamping devices are used. No moving parts and low centrifugal forces due to low holder mass allow for a **long holder life with tighter tolerances.**

**Chip load is distributed evenly along the cutting edge** of the tool which results in longer tool life.

**Balanced & Certified** – An individualized balance certificate of inspection is included with each holder.

## With & Without Coolant Ports



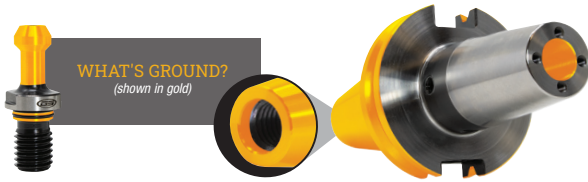
**Four coolant ports come standard with our newest holders** giving them through-spindle coolant capability and allowing for even faster cutting speeds. Optional set screws allow you to close coolant ports.

Description	Code No.	Reg. Price \$
3mm coolant port screws 4 per package	541801	6.38

★ **All clearance tool holders subject to stock on hand only; no back orders or blanket orders.**

Taper	Hole Diameter (D1)	Gage Length (A)	WITH COOLANT PORTS		WITHOUT COOLANT PORTS*		
			Code No.	Sowa List Price \$	Code No.	CLEARANCE Price \$	
CAT40	1/8"	3.15"	541838*	422.84	531838	SOLD OUT	
	3/16"	3.15"	541840*	422.84	531840	146.25	
	1/4"	3.15"	541842	422.84	531842	SOLD OUT	
	1/4"	6.30"	541844	516.79	531844	213.75	
	5/16"	3.15"	541846	422.84	531846	146.25	
	5/16"	6.30"	541848	488.61	531848	213.75	
	3/8"	3.15"	541850	422.84	531850	SOLD OUT	
	3/8"	6.30"	541852	516.79	531852	SOLD OUT	
	1/2"	3.15"	541854	422.84	531854	SOLD OUT	
	1/2"	6.30"	541856	516.79	531856	213.75	
	5/8"	3.15"	541858	422.84	531858	146.25	
	3/4"	3.15"	541862	441.62	531862	146.25	
	3/4"	6.30"	541864	554.39	531864	SOLD OUT	
	1"	3.94"	541866	469.81	531866	SOLD OUT	
	1"	6.30"	541868	554.39	531868	SOLD OUT	
	1-1/4"	3.94"	541870	469.81	531870	146.25	
1-1/4"	6.30"	541872	554.39	531872	213.75		
CAT50	1/4"	3.15"	541932	424.71	531932	SOLD OUT	
	1/4"	6.30"	541934	704.72	531934	241.50	
	5/16"	3.15"	541936	424.71	531936	195.00	
	3/8"	3.15"	541940	554.39	531940	195.00	
	3/8"	6.30"	541942	704.72	531942	SOLD OUT	
	1/2"	3.15"	541944	554.39	531944	SOLD OUT	
	1/2"	6.30"	541946	704.72	531946	SOLD OUT	
	5/8"	3.15"	541948	554.39	531948	195.00	
	5/8"	6.30"	541950	704.72	531950	SOLD OUT	
	3/4"	3.15"	541952	554.39	531952	195.00	
	3/4"	6.30"	541954	704.72	531954	SOLD OUT	
	1"	3.94"	541956	554.39	531956	SOLD OUT	
	1"	6.30"	541958	704.72	531958	241.50	
	1-1/4"	3.94"	541960	554.39	531960	195.00	
	1-1/4"	6.30"	541962	742.31	531962	241.50	
	CAT40	4mm	80mm	541802*	497.99	531802	SOLD OUT
6mm		80mm	541806	497.99	531806	SOLD OUT	
6mm		160mm	541808	573.16	531808	SOLD OUT	
8mm		80mm	541810	497.99	531810	SOLD OUT	
8mm		160mm	541812	573.16	531812	SOLD OUT	
10mm		80mm	541814	497.99	531814	146.25	
10mm		160mm	541816	573.16	531816	SOLD OUT	
12mm		80mm	541818	497.99	531818	SOLD OUT	
12mm		160mm	541820	573.16	531820	SOLD OUT	
16mm		80mm	541822	497.99	531822	SOLD OUT	
16mm		160mm	541824	573.16	531824	SOLD OUT	
20mm		80mm	541826	445.39	531826	146.25	
25mm		100mm	541830	554.39	531830	SOLD OUT	
32mm		100mm	541834	554.39	531834	SOLD OUT	
CAT50		6mm	80mm	541900	601.37	531900	SOLD OUT
		6mm	160mm	541902	742.31	531902	SOLD OUT
	8mm	80mm	541904	601.37	531904	195.00	
	8mm	160mm	541906	742.31	531906	SOLD OUT	
	10mm	80mm	541908	601.37	531908	SOLD OUT	
	10mm	160mm	541910	742.31	531910	SOLD OUT	
	12mm	80mm	541912	601.37	531912	SOLD OUT	
	12mm	160mm	541914	742.31	531914	SOLD OUT	
	16mm	80mm	541916	601.37	531916	195.00	
	16mm	160mm	541918	742.31	531918	SOLD OUT	
	20mm	80mm	541920	622.03	531920	SOLD OUT	
	25mm	100mm	541924	601.37	531924	195.00	
32mm	100mm	541928	657.74	531928	SOLD OUT		

\*No coolant ports or threaded balance holes on holders under 6mm I.D.

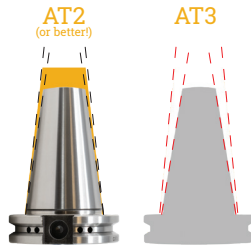


### Only the strongest material is used

GS Tooling Shrink Fit Holders are made from **H13 Tool Steel**. This is a chromium-molybdenum steel with an exceptional combination of high toughness and resistance to thermal fatigue cracking (heat checking) as a result of cyclic heating and cooling cycles. It has better wear resistance than common alloy steels, and with proper use the life of our Shrink Fit Holders will exceed that of standard Shrink Fit Holders.

### All components are ground to perfection

For an extra level of precision, we start with rebalanced holders and components. We then invest the time to grind all surfaces that will be in contact with the machine to a fine finish, giving our holder a **runout accuracy of 0.0001"** and our **taper and collet cavities an accuracy of AT2 or better** (Compare this with the runout accuracy of 0.0002" and taper accuracy AT3 of other brands). This offers a tighter connectivity and grip in all mated areas, increasing tolerances throughout.



★ All clearance tool holders subject to stock on hand only; no back orders or blanket orders.

## Don't just shrink fit, ShrinkSMART

Modular shrink fit technology designed to be feature-rich, fast and flexible with an unrivaled entry price point. Easy enough for anyone to use, ShrinkSMART does all the work. It ensures the holder does not overheat, giving you optimized tool performance.



Explore all ShrinkSMART Solutions in our mini-catalogue.



Sowa Tool & Machine Co. Ltd.

Order online at [www.SowaTool.ca](http://www.SowaTool.ca), email [sales@sowatool.com](mailto:sales@sowatool.com) or call 1-800-265-8221.

While quantities last. We reserve the right to make pricing changes or impose purchase restrictions at any time, and accept no liabilities for mistakes and printing errors. Shipping charges apply & will be noted on invoice. All taxes extra.

Taper	Hole Diameter D1	Gage Length (A)	WITH COOLANT PORTS		WITHOUT COOLANT PORTS*		
			Code No.	Sowa List Price \$	Code No.	CLEARANCE Price \$	
BT30	1/8"	3.15"	542414*	441.62	532414	SOLD OUT	
	3/16"	3.15"	542416*	441.62	532416	SOLD OUT	
	1/4"	3.15"	542418	441.62	532418	135.00	
	3/8"	3.15"	542422	441.62	532422	SOLD OUT	
	1/2"	3.15"	542424	441.62	532424	135.00	
BT40	3/16"	3.54"	542466*	469.81	532466	SOLD OUT	
	1/4"	3.54"	542468	469.81	532468	SOLD OUT	
	1/4"	6.30"	542470	535.59	532470	262.50	
	3/8"	3.54"	542476	469.81	532476	183.75	
	1/2"	3.54"	542480	469.81	532480	183.75	
	1/2"	6.30"	542482	535.59	532482	262.50	
	3/4"	3.54"	542488	469.81	532488	SOLD OUT	
	3/4"	6.30"	542490	535.59	532490	262.50	
	1"	3.94"	542492	469.81	532492	SOLD OUT	
	1-1/4"	3.94"	542496	497.99	532496	183.75	
BT30	4mm	80mm	542402*	422.84	532402	SOLD OUT	
BT40	6mm	90mm	542432	422.84	532432	183.75	
	8mm	90mm	542436	422.84	532436	183.75	
HSK63A	1/8"	3.15"	546338*	516.79	536338	SOLD OUT	
	3/16"	3.15"	546340*	516.79	536340	SOLD OUT	
	1/4"	3.15"	546342	516.79	536342	SOLD OUT	
	1/4"	6.30"	546344	657.74	536344	SOLD OUT	
	5/16"	3.15"	546346	516.79	536346	213.75	
	3/8"	3.35"	546350	516.79	536350	SOLD OUT	
	3/8"	6.30"	546352	657.74	536352	SOLD OUT	
	1/2"	3.54"	546354	516.79	536354	SOLD OUT	
	1/2"	6.30"	546356	657.74	536356	SOLD OUT	
	5/8"	3.74"	546358	516.79	536358	213.75	
	5/8"	6.30"	546360	657.74	536360	296.25	
	3/4"	3.94"	546362	516.79	536362	213.75	
	3/4"	6.30"	546364	657.74	536364	SOLD OUT	
	1"	4.53"	546366	516.79	536366	213.75	
	1"	6.30"	546368	657.74	536368	296.25	
	1-1/4"	4.72"	546370	554.39	536370	213.75	
	1-1/4"	6.30"	546372	657.74	536372	296.25	
	HSK100A	1/4"	3.35"	546432	798.68	536432	SOLD OUT
		5/16"	3.35"	546436	798.68	536436	SOLD OUT
		3/8"	3.54"	546440	798.68	536440	SOLD OUT
		3/8"	6.30"	546442	845.66	536442	273.75
		1/2"	3.74"	546444	798.68	536444	SOLD OUT
1/2"		6.30"	546446	845.66	536446	SOLD OUT	
5/8"		3.94"	546448	798.68	536448	SOLD OUT	
5/8"		6.30"	546450	845.66	536450	273.75	
3/4"		4.13"	546452	798.68	536452	232.50	
3/4"		6.30"	546454	845.66	536454	273.75	
1"		4.53"	546456	798.68	536456	SOLD OUT	
1"		6.30"	546458	845.66	536458	273.75	
HSK63A	1-1/4"	4.72"	546460	798.68	536460	SOLD OUT	
	1-1/4"	6.30"	546462	845.66	536462	273.75	
	3mm	80mm	546300*	554.39	536300	SOLD OUT	
	4mm	80mm	546302*	554.39	536302	SOLD OUT	
	5mm	80mm	546304*	554.39	536304	SOLD OUT	
	6mm	80mm	546306	554.39	536306	SOLD OUT	
	6mm	160mm	546308	685.93	536308	SOLD OUT	
	8mm	80mm	546310	554.39	536310	SOLD OUT	
	10mm	85mm	546314	554.39	536314	213.75	
	12mm	90mm	546318	554.39	536318	SOLD OUT	
	16mm	95mm	546322	554.39	536322	SOLD OUT	
	20mm	100mm	546326	554.39	536326	SOLD OUT	
	25mm	115mm	546330	554.39	536330	SOLD OUT	
32mm	120mm	546334	554.39	536334	SOLD OUT		

\*No coolant ports or threaded balance holes on holders under 6mm I.D.