



Shrink Fit



Specifications & Equipment

THE INDUSTRY'S HIGHEST QUALITY SHRINK FIT LINE

- **High Speed:** shrinking from 2 to 7 seconds
- **Flexible Range:** shrinking from 0.079" to 1.575" (2 to 40mm)

Remotely controlled

- Compatible with Start.2 & Fi-6
- Shrink and Cooling unit linked and controlled by 1 pendant!

High Speed Cooling Unit!

Cools tools less than 2 minutes with standard shop air pressure!

Cooling system **compatible with all cutting tool geometries** to optimize cooling time cycle
(3° slope, 4.5° slope, cylindrical)

Auto shank size detection
for ease of use

Air cooling unit

Operating instructions

Inductor rotates 180°
to allow easy removal of broken tools

Storage space for chuck holders

Start.2

220V - Standard
440V - Optional

UPGRADABILITY

Fi-6

220V - Standard
440V - Optional

Storage space for inductor and cooling stop rings

OPTION

AFTER SALES-SERVICE

Removable electronics

- Compatible with Start.2 & Fi-6
- Unique slide-out Control Module allows for easy access and repair



Scan here to see our Start.2 video!

Shrink and unshrink any type of tools and cutters

- Steel, HSS, Carbide, Heavy Metal, Powdered Metal, Shrink Fit extensions and reductions
(Tool Shank must have h6 tolerance)

Registered models – Registered patents
Subject to change without notice.

Specifications & Equipment



Functions

Start.2

Fi-6

Specifications

PART NUMBER:
SF-START2-UNITPART NUMBER:
SF-FI6-UNIT

Automatic tool size detection within the range of each inductor ring	■	■
Rapid heating cycle prevents heat transfer damage to the cutting tool and toolholder	■	■
Self regulated heating cycle allows for safe operation	■	■
Automatic or manual shrinking cycle time	■	■
Shrinking Ø 2 to Ø 40mm (.079"-1.575") with the same inductor	■	■
Large 64mm (2.52") inductor diameter provides flexibility for small to large cutting tools	■	■
Remote control pendant for ergonomic operation	■	■
Unique slide out control module allows for easy access and repair	■	■
Inductor rotates 180 degrees for broken cutter removal	■	■
Cooling system for the electronic board to allow high-speed shrinking		■
Power supply 400-480V/14kW/50-60Hz/3 phase	■	■
Power supply 200-240V/14kW/50-60Hz/3 phase	■	■

Equipment

1 air cooling unit (70-90 PSI)	■	
2 air cooling units (70-90 PSI)	□	■
Shrinking of cutting diameters larger than shank diameters	□	□
Shrinking system for reductions	□	□
Back stop presetting unit	□	□
Storage space for chuck holders	■	■
Storage space for inductor stop rings and cooling stop rings	■	■
Storage space for cooling stop rings	□	

■ : Standard □ : Option



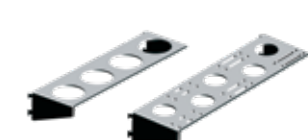
Back stop presetting to
determine the tool gauge
before shrinking

Shrink Fit Equipment



START.2 SHRINK FIT UNIT

- The world's easiest shrink machine to operate.
- Provided with accessories for shrinking 0.079" - 1.575" (Ø 2 to Ø 40mm).
- Compact and Ergonomic Design.
- 1 cooling unit included, optional 2nd cooling unit can be connected.
- Shrink machine unit net weight - 41.9 lbs. (19 kg)



Storage Racks
(INCLUDED)

COOLING UNIT

- Rapid Cooling - Tapered internal design allows for even distribution of high pressure air.
- Provided with accessories for cooling 0.079" - 1.575" (Ø 2 to Ø 40mm).
- Compressed air supply: 70 to 90 psi.
- Equipped with a filter and a pressure-reducing gauge to regulate the pressure and the air flow.
- Weight: 11 lbs. (5 kg)



FI-6 SHRINK FIT UNIT

- **Fi-6 - speed and safety in one**
Speed - multiple cooling units to support high quantity tool assembly
Safety - Guide Rail prevents operator from handling hot tools
- **The electronic board is cooled to allow high-speed shrinking.**
- Provided with accessories for shrinking & cooling 0.079" - 1.575" (Ø 2 to Ø 40mm).
- **Dimensions:**
 Length = 30.90" (785mm)
 Depth = 20.08" (510mm)
 Height = 34.45" (875mm)
- **Weight** (options excluded): 143.3 lbs. (65 kg)



PRESETTING UNIT (OPTIONAL)

- For length presetting
- For Fi-6 shrink fit unit only
- Accuracy: ± 0,050mm
- Repeatability: ± 0,020mm
- Capability: tool shank
0.24" - 1.26" (Ø 6 to Ø 32mm)



Shrink Fit Unit Packages



START.2 Shrink Fit Package *(accessories included)*

INCLUDES:

SHRINK UNIT



COOLING UNIT



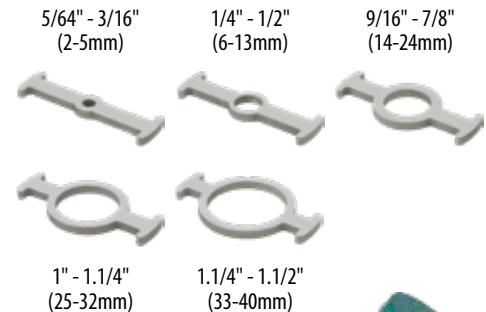
5 PIECE INDUCTION RING SET



STORAGE RACKS



5 PIECE COOLING BRACKET SET



CHUCK HOLDERS

(CAT40/50, BT30-50, HSK63-100)



Fi-6 Shrink Fit Package *(accessories included)*

INCLUDES:

SHRINK UNIT



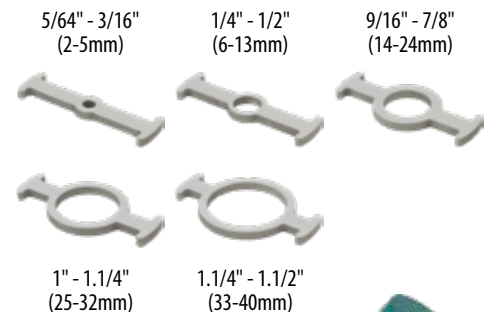
5 PIECE INDUCTION RING SET



STORAGE RACKS



5 PIECE COOLING BRACKET SET



CHUCK HOLDERS

(CAT40/50, BT30-50, HSK63-100)



CAT40 Shrink Fit Holders

- Excellent surface finish, extreme gripping and ideal for high-speed applications
- Pre-balanced for up to 20,000 RPM
- Increase cutting tool life, material removal rate and workpiece accuracy


T.I.R.: 0.0002" or better

Speed: up to 20,000 RPM

Set-up: quick and easy to operate

Coolant-Thru: center-thru/DIN Form B


Milling



Drilling

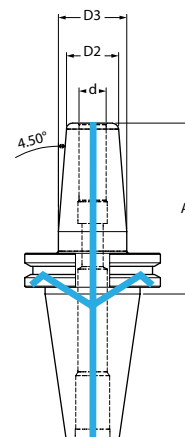


Reaming

Please note that the maximum RPM listed in our catalog may vary depending on the toolholder shank, weight, balanceability and the G rating.

STANDARD

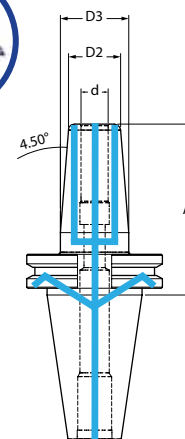
Part Number	d	A	D2	D3
CAT40-SF0250-3.15	1/4"	3.15"	0.83"	1.06"
CAT40-SF0375-3.15	3/8"	3.15"	0.94"	1.26"
CAT40-SF0500-3.15	1/2"	3.15"	0.94"	1.26"
CAT40-SF0625-3.15	5/8"	3.15"	1.06"	1.34"
CAT40-SF0750-3.15	3/4"	3.15"	1.30"	1.65"
CAT40-SF1000-3.94	1"	3.94"	1.73"	2.09"
CAT40-SF6-80	6mm	3.15"	0.83"	1.06"
CAT40-SF8-80	8mm	3.15"	0.83"	1.06"
CAT40-SF10-80	10mm	3.15"	0.94"	1.26"
CAT40-SF12-80	12mm	3.15"	0.94"	1.26"
CAT40-SF16-80	16mm	3.15"	1.06"	1.34"
CAT40-SF20-80	20mm	3.15"	1.30"	1.65"
CAT40-SF25-100	25mm	3.94"	1.73"	2.09"
CAT40-SF32-100	32mm	3.94"	1.73"	2.09"



Standard - DIN AD+B
(DIN Form B and Center Thru Coolant Capable)

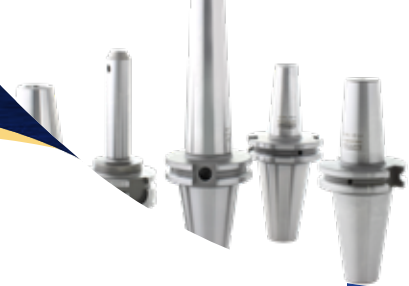
STANDARD COOLANT PORTED

Part Number	d	A	D2	D3
CAT40-SF0250-3.15CP	1/4"	3.15"	0.83"	1.06"
CAT40-SF0375-3.15CP	3/8"	3.15"	0.94"	1.26"
CAT40-SF0500-3.15CP	1/2"	3.15"	0.94"	1.26"
CAT40-SF0625-3.15CP	5/8"	3.15"	1.06"	1.34"
CAT40-SF0750-3.15CP	3/4"	3.15"	1.30"	1.65"
CAT40-SF1000-3.94CP	1"	3.94"	1.73"	2.09"
CAT40-SF8-80CP	8mm	3.15"	0.83"	1.06"
CAT40-SF10-80CP	10mm	3.15"	0.94"	1.26"
CAT40-SF12-80CP	12mm	3.15"	0.94"	1.26"
CAT40-SF16-80CP	16mm	3.15"	1.06"	1.34"
CAT40-SF20-80CP	20mm	3.15"	1.30"	1.65"
CAT40-SF25-100CP	25mm	3.94"	1.73"	2.09"



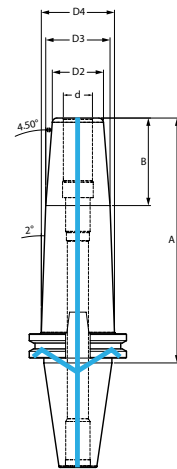
Coolant Port Option - DIN AD+B
(DIN Form B and Center Thru Coolant Capable)

CAT40 Shrink Fit Holders



EXTENDED

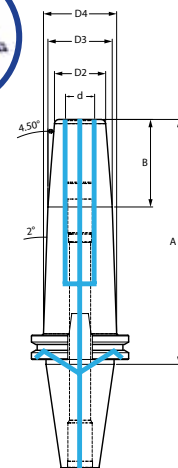
Part Number	d	A	D2	D3	D4	B
CAT40-SF0250-6.30	1/4"	6.30"	0.83"	1.06"	1.35"	1.50"
CAT40-SF0375-6.30	3/8"	6.30"	0.94"	1.26"	1.51"	2.00"
CAT40-SF0500-6.30	1/2"	6.30"	0.94"	1.26"	1.51"	2.00"
CAT40-SF0625-6.30	5/8"	6.30"	1.06"	1.34"	1.60"	1.75"
CAT40-SF0750-6.30	3/4"	6.30"	1.30"	1.65"	1.88"	2.25"
CAT40-SF1000-6.30	1"	6.30"	1.73"	2.09"	2.32"	2.25"
CAT40-SF6-160	6mm	6.30"	0.83"	1.06"	1.35"	1.50"
CAT40-SF8-160	8mm	6.30"	0.83"	1.06"	1.35"	1.50"
CAT40-SF10-160	10mm	6.30"	0.94"	1.26"	1.51"	2.00"
CAT40-SF12-160	12mm	6.30"	0.94"	1.26"	1.51"	2.00"
CAT40-SF16-160	16mm	6.30"	1.06"	1.34"	1.60"	1.75"
CAT40-SF20-160	20mm	6.30"	1.30"	1.65"	1.88"	2.26"
CAT40-SF25-160	25mm	6.30"	1.73"	2.09"	2.32"	2.25"



Extended - DIN AD+B
(DIN Form B and Center Thru Coolant Capable)

EXTENDED COOLANT PORTED

Part Number	d	A	D2	D3	D4	B
CAT40-SF0250-6.30CP	1/4"	6.30"	0.83"	1.06"	1.35"	1.50"
CAT40-SF0375-6.30CP	3/8"	6.30"	0.94"	1.26"	1.51"	2.00"
CAT40-SF0500-6.30CP	1/2"	6.30"	0.94"	1.26"	1.51"	2.00"
CAT40-SF0625-6.30CP	5/8"	6.30"	1.06"	1.34"	1.60"	1.75"
CAT40-SF0750-6.30CP	3/4"	6.30"	1.30"	1.65"	1.88"	2.25"
CAT40-SF1000-6.30CP	1"	6.30"	1.73"	2.09"	2.32"	2.25"
CAT40-SF8-160CP	8mm	6.30"	0.83"	1.06"	1.35"	1.50"
CAT40-SF10-160CP	10mm	6.30"	0.94"	1.26"	1.51"	2.00"
CAT40-SF12-160CP	12mm	6.30"	0.94"	1.26"	1.51"	2.00"
CAT40-SF16-160CP	16mm	6.30"	1.06"	1.34"	1.60"	1.75"
CAT40-SF20-160CP	20mm	6.30"	1.30"	1.65"	1.88"	2.26"
CAT40-SF25-160CP	25mm	6.30"	1.73"	2.09"	2.32"	2.25"



Coolant Port Option - DIN AD+B
(DIN Form B and Center Thru Coolant Capable)

CAT50 Shrink Fit Holders

- Excellent surface finish, extreme gripping and ideal for high-speed applications
- Pre-balanced for up to 20,000 RPM
- Increase cutting tool life, material removal rate and workpiece accuracy



T.I.R.: 0.0002" or better



Speed: up to 20,000 RPM



Set-up: quick and easy to operate



Coolant-Thru: center-thru/DIN Form B



Milling



Drilling

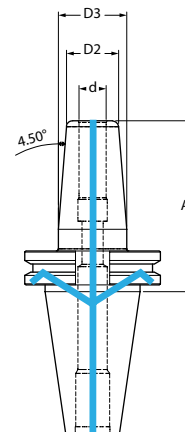


Reaming

Please note that the maximum RPM listed in our catalog may vary depending on the toolholder shank, weight, balanceability and the G rating.

STANDARD

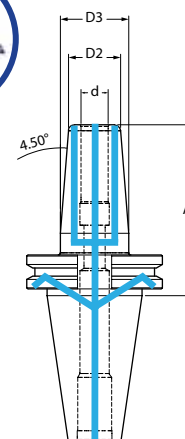
Part Number	d	A	D2	D3
CAT50-SF0250-3.15	1/4"	3.15"	0.83"	1.06"
CAT50-SF0375-3.15	3/8"	3.15"	0.94"	1.26"
CAT50-SF0500-3.15	1/2"	3.15"	0.94"	1.26"
CAT50-SF0625-3.15	5/8"	3.15"	1.06"	1.34"
CAT50-SF0750-3.15	3/4"	3.15"	1.30"	1.65"
CAT50-SF1000-3.94	1"	3.94"	1.73"	2.09"
CAT50-SF1250-3.94	1.1/4"	3.94"	1.73"	2.09"
CAT50-SF3-80	3mm	3.15"	0.39"	0.71"
CAT50-SF6-80	6mm	3.15"	0.83"	1.06"
CAT50-SF8-80	8mm	3.15"	0.83"	1.06"
CAT50-SF10-80	10mm	3.15"	0.94"	1.26"
CAT50-SF12-80	12mm	3.15"	0.94"	1.26"
CAT50-SF16-80	16mm	3.15"	1.06"	1.34"
CAT50-SF20-80	20mm	3.15"	1.30"	1.65"
CAT50-SF25-100	25mm	3.94"	1.73"	2.09"
CAT50-SF32-100	32mm	3.94"	1.73"	2.09"



Standard - DIN AD+B
(DIN Form B and Center Thru Coolant Capable)

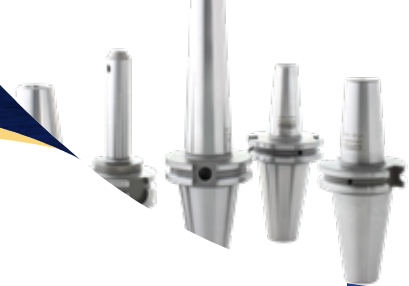
STANDARD COOLANT PORTED

Part Number	d	A	D2	D3
CAT50-SF0250-3.15CP	1/4"	3.15"	0.83"	1.06"
CAT50-SF0375-3.15CP	3/8"	3.15"	0.94"	1.26"
CAT50-SF0500-3.15CP	1/2"	3.15"	0.94"	1.26"
CAT50-SF0625-3.15CP	5/8"	3.15"	1.06"	1.34"
CAT50-SF0750-3.15CP	3/4"	3.15"	1.30"	1.65"
CAT50-SF1000-3.94CP	1"	3.94"	1.73"	2.09"
CAT50-SF1250-3.94CP	1.1/4"	3.94"	1.73"	2.09"
CAT50-SF8-80CP	8mm	3.15"	0.83"	1.06"
CAT50-SF10-80CP	10mm	3.15"	0.94"	1.26"
CAT50-SF12-80CP	12mm	3.15"	0.94"	1.26"
CAT50-SF16-80CP	16mm	3.15"	1.06"	1.34"
CAT50-SF20-80CP	20mm	3.15"	1.30"	1.65"
CAT50-SF25-100CP	25mm	3.94"	1.73"	2.09"
CAT50-SF32-100CP	32mm	3.94"	1.73"	2.09"



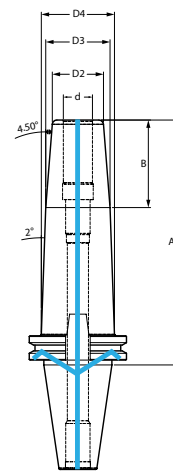
Coolant Port Option - DIN AD+B
(DIN Form B and Center Thru Coolant Capable)

CAT50 Shrink Fit Holders



EXTENDED

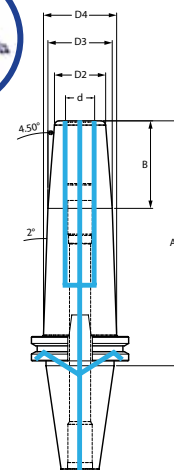
Part Number	d	A	D2	D3	D4	B
CAT50-SF0125-6.30	1/8"	6.30"	0.39"	0.71"	0.95"	2.00"
CAT50-SF0250-6.30	1/4"	6.30"	0.83"	1.06"	1.35"	1.50"
CAT50-SF0375-6.30	3/8"	6.30"	0.94"	1.26"	1.51"	2.00"
CAT50-SF0500-6.30	1/2"	6.30"	0.94"	1.26"	1.51"	2.00"
CAT50-SF0625-6.30	5/8"	6.30"	1.06"	1.34"	1.60"	1.75"
CAT50-SF0750-6.30	3/4"	6.30"	1.30"	1.65"	1.88"	2.25"
CAT50-SF1000-6.30	1"	6.30"	1.73"	2.09"	2.32"	2.25"
CAT50-SF1250-6.30	1 1/4"	6.30"	1.73"	2.09"	2.32"	2.25"
CAT50-SF6-160	6mm	6.30"	0.83"	1.06"	1.35"	1.50"
CAT50-SF8-160	8mm	6.30"	0.83"	1.06"	1.35"	1.50"
CAT50-SF10-160	10mm	6.30"	0.94"	1.26"	1.51"	2.00"
CAT50-SF12-160	12mm	6.30"	0.94"	1.26"	1.51"	2.00"
CAT50-SF16-160	16mm	6.30"	1.06"	1.34"	1.60"	1.75"
CAT50-SF20-160	20mm	6.30"	1.30"	1.65"	1.88"	2.25"
CAT50-SF25-160	25mm	6.30"	1.73"	2.09"	2.32"	2.25"



Extended - DIN AD+B
(DIN Form B and Center Thru Coolant Capable)

EXTENDED COOLANT PORTED

Part Number	d	A	D2	D3	D4	B
CAT50-SF0250-6.30CP	1/4"	6.30"	0.83"	1.06"	1.35"	1.50"
CAT50-SF0375-6.30CP	3/8"	6.30"	0.94"	1.26"	1.51"	2.00"
CAT50-SF0500-6.30CP	1/2"	6.30"	0.94"	1.26"	1.51"	2.00"
CAT50-SF0625-6.30CP	5/8"	6.30"	1.06"	1.34"	1.60"	1.75"
CAT50-SF0750-6.30CP	3/4"	6.30"	1.30"	1.65"	1.88"	2.25"
CAT50-SF1000-6.30CP	1"	6.30"	1.73"	2.09"	2.32"	2.25"
CAT50-SF1250-6.30CP	1 1/4"	6.30"	1.73"	2.09"	2.32"	2.25"
CAT50-SF8-160CP	8mm	6.30"	0.83"	1.06"	1.35"	1.50"
CAT50-SF10-160CP	10mm	6.30"	0.94"	1.26"	1.51"	2.00"
CAT50-SF12-160CP	12mm	6.30"	0.94"	1.26"	1.51"	2.00"
CAT50-SF16-160CP	16mm	6.30"	1.06"	1.34"	1.60"	1.75"
CAT50-SF20-160CP	20mm	6.30"	1.30"	1.65"	1.88"	2.25"
CAT50-SF25-160CP	25mm	6.30"	1.73"	2.09"	2.32"	2.25"



Coolant Port Option - DIN AD+B
(DIN Form B and Center Thru Coolant Capable)

HSK63A Shrink Fit Holders

- Excellent surface finish, extreme gripping and ideal for high-speed applications
- Pre-balanced for up to 20,000 RPM
- Increase cutting tool life, material removal rate and workpiece accuracy



T.I.R.: 0.0002" or better



Speed: up to 20,000 RPM



Set-up: quick and easy to operate



Coolant-Thru: center-thru



Milling



Drilling



Reaming

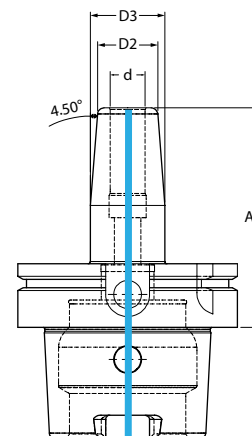
Please note that the maximum RPM listed in our catalog may vary depending on the toolholder shank, weight, balanceability and the G rating.

STANDARD

Part Number	d	A	D2	D3
H63A-SF0250-3.15	1/4"	3.15"	0.79"	1.06"
H63A-SF0375-3.35	3/8"	3.35"	0.94"	1.26"
H63A-SF0500-3.54	1/2"	3.54"	0.94"	1.26"
H63A-SF0625-3.74	5/8"	3.74"	1.06"	1.34"
H63A-SF0750-3.94	3/4"	3.94"	1.30"	1.65"
H63A-SF1000-4.53	1"	4.53"	1.73"	2.09"
H63A-SF6-80	6mm	3.15"	0.79"	1.06"
H63A-SF8-80	8mm	3.15"	0.79"	1.06"
H63A-SF10-85	10mm	3.35"	0.94"	1.26"
H63A-SF12-90	12mm	3.54"	0.94"	1.26"
H63A-SF16-95	16mm	3.74"	1.06"	1.34"
H63A-SF20-100	20mm	3.94"	1.30"	1.65"
H63A-SF25-115	25mm	4.53"	1.73"	2.09"



Standard - DIN69893A / DIN 69882-8

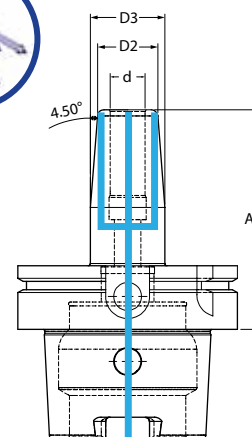


STANDARD COOLANT PORTED

Part Number	d	A	D2	D3
H63A-SF0250-3.15CP	1/4"	3.15"	0.79"	1.06"
H63A-SF0375-3.35CP	3/8"	3.35"	0.94"	1.26"
H63A-SF0500-3.54CP	1/2"	3.54"	0.94"	1.26"
H63A-SF0625-3.74CP	5/8"	3.74"	1.06"	1.34"
H63A-SF0750-3.94CP	3/4"	3.94"	1.30"	1.65"
H63A-SF1000-4.53CP	1"	4.53"	1.73"	2.09"
H63A-SF8-80CP	8mm	3.15"	0.79"	1.06"
H63A-SF10-85CP	10mm	3.35"	0.94"	1.26"
H63A-SF12-90CP	12mm	3.54"	0.94"	1.26"
H63A-SF16-95CP	16mm	3.74"	1.06"	1.34"
H63A-SF20-100CP	20mm	3.94"	1.30"	1.65"
H63A-SF25-115CP	25mm	4.53"	1.73"	2.09"



Coolant Port Option - DIN69893A / DIN 69882-8



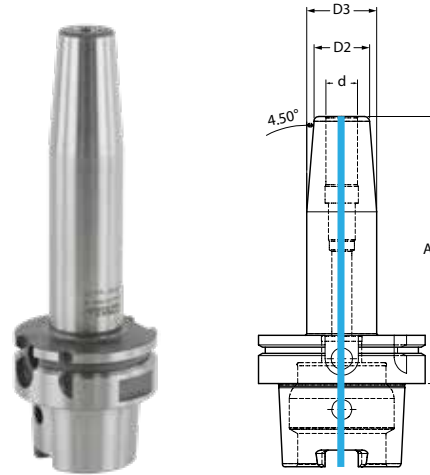
Note: Coolant tube and coolant wrench not included. Please see page 95 for more details.

HSK63A Shrink Fit Holders



EXTENDED

Part Number	d	A	D2	D3
H63A-SF0250-6.30	1/4"	6.30"	0.79"	1.06"
H63A-SF0375-6.30	3/8"	6.30"	0.95"	1.26"
H63A-SF0500-6.30	1/2"	6.30"	0.95"	1.26"
H63A-SF0625-6.30	5/8"	6.30"	1.06"	1.34"
H63A-SF0750-6.30	3/4"	6.30"	1.30"	1.65"
H63A-SF1000-6.30	1"	6.30"	1.73"	2.07"
H63A-SF6-160	6mm	6.30"	0.79"	1.06"
H63A-SF8-160	8mm	6.30"	0.79"	1.06"
H63A-SF10-160	10mm	6.30"	0.94"	1.26"
H63A-SF12-160	12mm	6.30"	0.94"	1.26"
H63A-SF16-160	16mm	6.30"	1.06"	1.34"
H63A-SF20-160	20mm	6.30"	1.30"	1.65"
H63A-SF25-160	25mm	6.30"	1.73"	2.07"

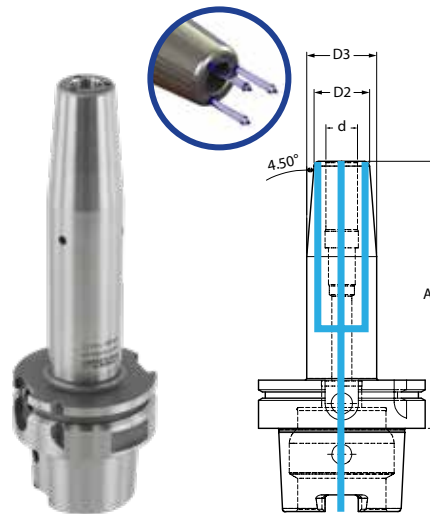


Extended - DIN69893A / DIN 69882-8

EXTENDED COOLANT PORTED

Part Number	d	A	D2	D3
H63A-SF0250-6.30CP	1/4"	6.30"	0.79"	1.06"
H63A-SF0375-6.30CP	3/8"	6.30"	0.95"	1.26"
H63A-SF0500-6.30CP	1/2"	6.30"	0.95"	1.26"
H63A-SF0625-6.30CP	5/8"	6.30"	1.06"	1.34"
H63A-SF0750-6.30CP	3/4"	6.30"	1.30"	1.65"
H63A-SF1000-6.30CP	1"	6.30"	1.73"	2.07"
H63A-SF8-160CP	8mm	6.30"	0.79"	1.06"
H63A-SF10-160CP	10mm	6.30"	0.94"	1.26"
H63A-SF12-160CP	12mm	6.30"	0.94"	1.26"
H63A-SF16-160CP	16mm	6.30"	1.06"	1.34"
H63A-SF20-160CP	20mm	6.30"	1.30"	1.65"
H63A-SF25-160CP	25mm	6.30"	1.73"	2.07"

Note: Coolant tube and coolant wrench not included. Please see page 95 for more details.



Coolant Port Option - DIN69893A / DIN 69882-8

HSK100A Shrink Fit Holders

- Excellent surface finish, extreme gripping and ideal for high-speed applications
- Pre-balanced for up to 20,000 RPM
- Increase cutting tool life, material removal rate and workpiece accuracy



T.I.R.: 0.0002" or better



Speed: up to 20,000 RPM



Set-up: quick and easy to operate



Coolant-Thru: center-thru



Milling



Drilling

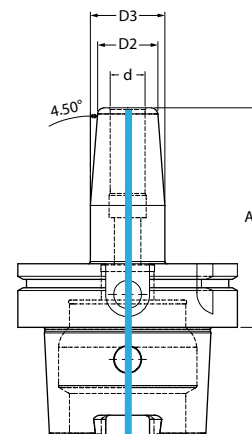


Reaming

Please note that the maximum RPM listed in our catalog may vary depending on the toolholder shank, weight, balanceability and the G rating.

STANDARD

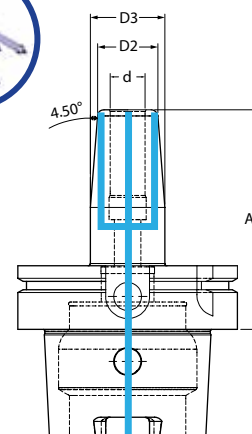
Part Number	d	A	D2	D3
H100A-SF0250-3.54	1/4"	3.54"	0.83"	1.14"
H100A-SF0375-3.54	3/8"	3.54"	0.94"	1.26"
H100A-SF0500-3.74	1/2"	3.74"	0.94"	1.26"
H100A-SF0625-3.94	5/8"	3.94"	1.06"	1.34"
H100A-SF0750-4.13	3/4"	4.13"	1.30"	1.65"
H100A-SF1000-4.53	1"	4.53"	1.73"	2.09"
H100A-SF1250-4.72	1.1/4"	4.72"	1.73"	2.09"
H100A-SF6-85	6mm	3.35"	0.83"	1.06"
H100A-SF10-90	10mm	3.54"	0.94"	1.26"
H100A-SF12-95	12mm	3.74"	0.94"	1.26"
H100A-SF16-100	16mm	3.94"	1.06"	1.34"
H100A-SF20-105	20mm	4.13"	1.30"	1.65"
H100A-SF25-115	25mm	4.53"	1.73"	2.09"
H100A-SF32-120	32mm	4.72"	1.73"	2.09"



Standard - DIN69893A / DIN 69882-8

STANDARD COOLANT PORTED

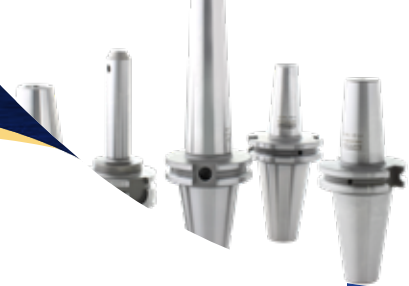
Part Number	d	A	D2	D3
H100A-SF0250-3.54CP	1/4"	3.54"	0.83"	1.14"
H100A-SF0375-3.54CP	3/8"	3.54"	0.94"	1.26"
H100A-SF0500-3.74CP	1/2"	3.74"	0.94"	1.26"
H100A-SF0625-3.94CP	5/8"	3.94"	1.06"	1.34"
H100A-SF0750-4.13CP	3/4"	4.13"	1.30"	1.65"
H100A-SF1000-4.53CP	1"	4.53"	1.73"	2.09"
H100A-SF1250-4.72CP	1.1/4"	4.72"	1.73"	2.09"
H100A-SF10-90CP	10mm	3.54"	0.94"	1.26"
H100A-SF12-95CP	12mm	3.74"	0.94"	1.26"
H100A-SF16-100CP	16mm	3.94"	1.06"	1.34"
H100A-SF20-105CP	20mm	4.13"	1.30"	1.65"
H100A-SF25-115CP	25mm	4.53"	1.73"	2.09"
H100A-SF32-120CP	32mm	4.72"	1.73"	2.09"



Coolant Port Option - DIN69893A / DIN 69882-8

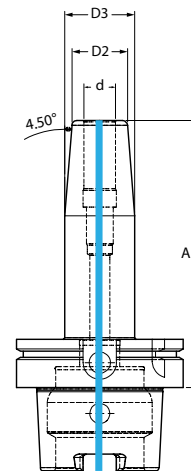
Note: Coolant tube and coolant wrench not included. Please see page 95 for more details.

HSK 100A Shrink Fit Holders



EXTENDED

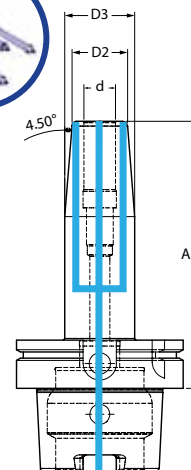
Part Number	d	A	D2	D3
H100A-SF0250-6.30	1/4"	6.30"	0.83"	1.06"
H100A-SF0375-6.30	3/8"	6.30"	0.94"	1.26"
H100A-SF0500-6.30	1/2"	6.30"	0.94"	1.26"
H100A-SF0625-6.30	5/8"	6.30"	1.06"	1.34"
H100A-SF0750-6.30	3/4"	6.30"	1.30"	1.65"
H100A-SF1000-6.30	1"	6.30"	1.73"	2.09"
H100A-SF1250-6.30	1.1/4"	6.30"	1.73"	2.09"
H100A-SF6-160	6mm	6.30"	0.83"	1.06"
H100A-SF10-160	10mm	6.30"	0.94"	1.26"
H100A-SF12-160	12mm	6.30"	0.94"	1.26"
H100A-SF16-160	16mm	6.30"	1.06"	1.34"
H100A-SF20-160	20mm	6.30"	1.30"	1.65"
H100A-SF25-160	25mm	6.30"	1.73"	2.09"
H100A-SF32-160	32mm	6.30"	1.73"	2.09"



Extended - DIN69893A / DIN 69882-8

EXTENDED COOLANT PORTED

Part Number	d	A	D2	D3
H100A-SF0250-6.30CP	1/4"	6.30"	0.83"	1.06"
H100A-SF0375-6.30CP	3/8"	6.30"	0.94"	1.26"
H100A-SF0500-6.30CP	1/2"	6.30"	0.94"	1.26"
H100A-SF0625-6.30CP	5/8"	6.30"	1.06"	1.34"
H100A-SF0750-6.30CP	3/4"	6.30"	1.30"	1.65"
H100A-SF1000-6.30CP	1"	6.30"	1.73"	2.09"
H100A-SF1250-6.30CP	1.1/4"	6.30"	1.73"	2.09"
H100A-SF10-160CP	10mm	6.30"	0.94"	1.26"
H100A-SF12-160CP	12mm	6.30"	0.94"	1.26"
H100A-SF16-160CP	16mm	6.30"	1.06"	1.34"
H100A-SF20-160CP	20mm	6.30"	1.30"	1.65"
H100A-SF25-160CP	25mm	6.30"	1.73"	2.09"
H100A-SF32-160CP	32mm	6.30"	1.73"	2.09"



Coolant Port Option - DIN69893A / DIN 69882-8

Note: Coolant tube and coolant wrench not included.

Coolant Tube Wrench for HSK Holders

Part Number	Description
HSK63-WRENCH	Wrench for HSK63 Coolant Tube
HSK100-WRENCH	Wrench for HSK100 Coolant Tube



Note: Coolant Tube Wrenches are needed to remove or install coolant tubes in HSK toolholders.

Coolant Tube for HSK Holders

Part Number	Description
HSK63-TUBE	Coolant Tube for HSK63 holder
HSK100-TUBE	Coolant Tube for HSK100 holder



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- *Flexible Range: shrinking from 2 to 40mm (0.078" to 1.575")*

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