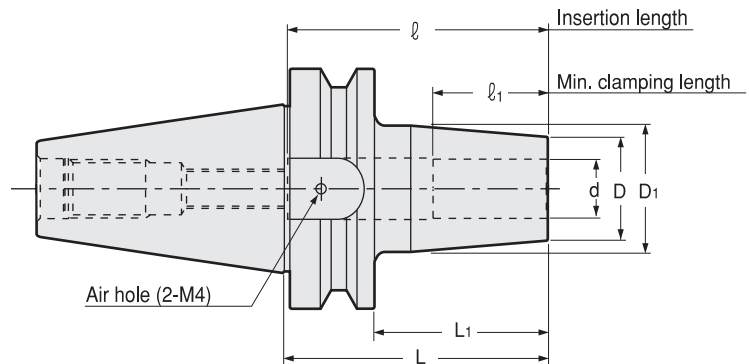


SRD

Shrink Fit (DIN Standard)

- Shrinkage method clamps a cutting tool firmly by heating and cooling the chuck. High precision, rigidity and strong Clamping force. (DIN Type)



Inch Sizes

Unit : Inch

Code	Model	d	L	L1	D	D1	l1	l	kg
3060 43108080	BT30 -SRD0250 A -80	0.250	3.150	2.283	0.827	1.063	1.417	1.024	
3060 43108105	-105	0.250	4.134	3.268	0.827	1.063	1.417	1.024	
3060 43108120	-120	0.250	4.724	3.858	0.827	1.063	1.417	1.024	
3060 43110080	BT30 -SRD0312 A -80	0.312	3.150	2.283	0.827	1.063	1.969	1.024	0.6
3060 43110105	-105	0.312	4.134	3.268	0.827	1.063	1.969	1.024	
3060 43110120	-120	0.312	4.724	3.858	0.827	1.063	1.969	1.024	
3060 43112080	BT30 -SRD0375 A -80	0.375	3.150	2.283	0.945	1.260	1.969	1.260	
3060 43112105	-105	0.375	4.134	3.268	0.945	1.260	1.969	1.260	
3060 43112120	-120	0.375	4.724	3.858	0.945	1.260	1.969	1.260	
3060 43116080	BT30 -SRD0500 A -80	0.500	3.150	2.283	0.945	1.260	2.244	1.457	0.6
3060 43116105	-105	0.500	4.134	3.268	0.945	1.260	2.244	1.457	
3060 43116120	-120	0.500	4.724	3.858	0.945	1.260	2.244	1.457	
3060 43120080	BT30 -SRD0625 A -80	0.625	3.150	2.283	1.063	1.339	3.150	1.575	0.6
3060 43120105	-105	0.625	4.134	3.268	1.063	1.339	3.150	1.575	
3060 43120120	-120	0.625	4.724	3.858	1.063	1.339	3.150	1.575	
3060 43308090	BT40 SRD0250 A -90	0.250	3.543	2.480	0.827	1.063	1.417	1.024	1.2
3060 43308120	-120	0.250	4.724	3.661	0.827	1.063	1.417	1.024	
3060 43308160	-160	0.250	6.299	5.236	0.827	1.063	1.417	1.024	
3060 43310090	BT40 -SRD0312 A -90	0.312	3.543	2.480	0.827	1.063	1.969	1.024	
3060 43310120	-120	0.312	4.724	3.661	0.827	1.063	1.969	1.024	
3060 43310160	-160	0.312	6.299	5.236	0.827	1.063	1.969	1.024	
3060 43312090	BT40 -SRD0375 A -90	0.375	3.543	2.480	0.945	1.260	1.969	1.260	1.3
3060 43312120	-120	0.375	4.724	3.661	0.945	1.260	1.969	1.260	
3060 43312160	-160	0.375	6.299	5.236	0.945	1.260	1.969	1.260	
3060 43316090	BT40 -SRD0500 A -90	0.500	3.543	2.480	0.945	1.260	2.244	1.457	1.2
3060 43316120	-120	0.500	4.724	3.661	0.945	1.260	2.244	1.457	
3060 43316160	-160	0.500	6.299	5.236	0.945	1.260	2.244	1.457	
3060 43320090	BT40 -SRD0625 A -90	0.625	3.543	2.480	1.063	1.339	3.150	1.575	
3060 43320120	-120	0.625	4.724	3.661	1.063	1.339	3.150	1.575	
3060 43320160	-160	0.625	6.299	5.236	1.063	1.339	3.150	1.575	
3060 43324090	BT40 -SRD0750 A -90	0.750	3.543	2.480	1.299	1.654	3.386	1.575	
3060 43324120	-120	0.750	4.724	3.661	1.299	1.654	3.937	1.575	
3060 43324160	-160	0.750	6.299	5.236	1.299	1.654	3.937	1.575	
3060 43328090	BT40 -SRD0875 A -90	0.875	3.543	2.480	1.299	1.654	3.386	1.654	
3060 43328120	-120	0.875	4.724	3.661	1.299	1.654	3.937	1.654	
3060 43328160	-160	0.875	6.299	5.236	1.299	1.654	3.937	1.654	
3060 43332100	BT40 -SRD1000 A -100	1.000	3.937	2.874	1.732	2.087	3.780	1.890	
3060 43332120	-120	1.000	4.724	3.661	1.732	2.087	3.937	1.890	
3060 43332160	-160	1.000	6.299	5.236	1.732	2.087	3.937	1.890	

Inch Sizes

Unit : Inch

Code	Model	d	L	L1	D	D1	ℓ1	ℓ	kg
3060 43340100	BT40 -SRD1250 A -100	1.250	3.937	2.874	1.732	2.087	3.780	1.890	
3060 43340120	-120	1.250	4.724	3.661	1.732	2.087	3.937	1.890	
3060 43340160	-160	1.250	6.299	5.236	1.732	2.087	3.937	1.890	
3060 43508100	BT50 -SRD0250 A -100	0.250	3.937	2.441	0.827	1.063	1.417	1.024	
3060 43508120	-120	0.250	4.724	3.228	0.827	1.063	1.417	1.024	
3060 43508160	-160	0.250	6.299	4.803	0.827	1.063	1.417	1.024	
3060 43510100	BT50 -SRD0312 A -100	0.312	3.937	2.441	0.827	1.063	1.969	1.024	
3060 43510120	-120	0.312	4.724	3.228	0.827	1.063	1.969	1.024	
3060 43510160	-160	0.312	6.299	4.803	0.827	1.063	1.969	1.024	
3060 43512100	BT50 -SRD0375 A -100	0.375	3.937	2.441	0.945	1.260	1.969	1.260	
3060 43512120	-120	0.375	4.724	3.228	0.945	1.260	1.969	1.260	
3060 43512160	-160	0.375	6.299	4.803	0.945	1.260	1.969	1.260	
3060 43516100	BT50 -SRD0500 A -100	0.500	3.937	2.441	0.945	1.260	2.244	1.457	
3060 43516120	-120	0.500	4.724	3.228	0.945	1.260	2.244	1.457	3.9
3060 43516160	-160	0.500	6.299	4.803	0.945	1.260	2.244	1.457	
3060 43520100	BT50 -SRD0625 A -100	0.625	3.937	2.441	1.063	1.339	3.150	1.575	
3060 43520120	-120	0.625	4.724	3.228	1.063	1.339	3.150	1.575	
3060 43520160	-160	0.625	6.299	4.803	1.063	1.339	3.150	1.575	
3060 43524100	BT50 -SRD0750 A -100	0.750	3.937	2.441	1.299	1.654	3.386	1.575	
3060 43524120	-120	0.750	4.724	3.228	1.299	1.654	3.937	1.575	
3060 43524160	-160	0.750	6.299	4.803	1.299	1.654	3.937	1.575	
3060 43528100	BT50 -SRD0875 A -100	0.875	3.937	2.441	1.299	1.654	3.386	1.654	
3060 43528120	-120	0.875	4.724	3.228	1.299	1.654	3.937	1.654	
3060 43528160	-160	0.875	6.299	4.803	1.299	1.654	3.937	1.654	
3060 43532110	BT50 -SRD1000 A -110	1.000	4.331	2.835	1.732	2.087	3.780	1.890	
3060 43532135	-135	1.000	5.315	3.819	1.732	2.087	3.937	1.890	
3060 43532160	-160	1.000	6.299	4.803	1.732	2.087	3.937	1.890	
3060 43540110	BT50 -SRD1250 A -110	1.250	4.331	2.835	1.732	2.087	3.937	1.890	
3060 43540135	-135	1.250	5.315	3.819	1.732	2.087	3.937	1.890	
3060 43540160	-160	1.250	6.299	4.803	1.732	2.087	3.937	1.890	
3060 43548110	BT50 -SRD1500 A -110	1.500	4.331	2.835	1.732	2.087	3.937	1.890	3.6
3060 43548135	-135	1.500	5.315	3.819	1.732	2.087	3.937	1.890	
3060 43548160	-160	1.500	6.299	4.803	1.732	2.087	3.937	1.890	

1. Always use carbide shank tools with h6 tolerance.

2. Use 2pcs. of M4 x 5 (S) hex. screw (included) to close air holes on the chuck when internal coolant is used.

Heating device chart

heating device	chuck	
	SRD0250A, SRD0312A	SRD0375A~SRD1500A
ISG3400	Yes	Yes
SRK-HA1, HB2	No	Yes

Ordering Example

BT40 - SRD 0250 A - 120

Shank size

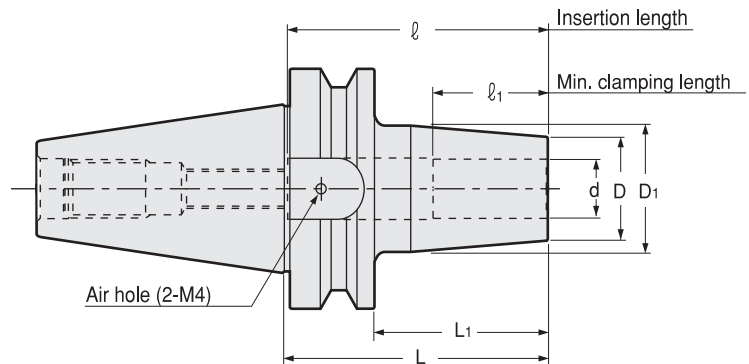
I.D. (d)

Projection
length (L)

SRD

Shrink Fit (DIN Standard)

- Shrinkage method clamps a cutting tool firmly by heating and cooling the chuck. High precision, rigidity and strong Clamping force. (DIN Type)



Metric Sizes

Unit : Metric

Code	Model	d	L	L1	D	D1	ℓ₁	ℓ	kg
3060 41106080	BT30 -SRD6A -80	6	80	58	21	27	26	26 ~ 36	0.6
3060 41106105	-105	6	105	83	21	27	26	26 ~ 36	
3060 41106120	-120	6	120	98	21	27	26	26 ~ 36	
3060 41108080	BT30 -SRD8A -80	8	80	58	21	27	26	26 ~ 50	0.6
3060 41108105	-105	8	105	83	21	27	26	26 ~ 50	
3060 41108120	-120	8	120	98	21	27	26	26 ~ 50	
3060 41110080	BT30 -SRD10A -80	10	80	58	24	32	32	32 ~ 50	0.7
3060 41110105	-105	10	105	83	24	32	32	32 ~ 50	
3060 41110120	-120	10	120	98	24	32	32	32 ~ 50	
3060 41112080	BT30 -SRD12A -80	12	80	58	24	32	37	37 ~ 70	
3060 41112105	-105	12	105	83	24	32	37	37 ~ 70	
3060 41112120	-120	12	120	98	24	32	37	37 ~ 70	
3060 41114080	BT30 -SRD14A -80	14	80	58	27	34	37	37 ~ 70	
3060 41114105	-105	14	105	83	27	34	37	37 ~ 70	
3060 41114120	-120	14	120	98	27	34	37	37 ~ 70	
3060 41116080	BT30 -SRD16A -80	16	80	58	27	34	40	40 ~ 80	0.6
3060 41116105	-105	16	105	83	27	34	40	40 ~ 80	
3060 41116120	-120	16	120	98	27	34	40	40 ~ 80	
3060 41306090	BT40 -SRD6A -90	6	90	63	21	27	26	26 ~ 36	1.2
3060 41306120	-120	6	120	93	21	27	26	26 ~ 36	
3060 41306160	-160	6	160	133	21	27	26	26 ~ 36	
3060 41308090	BT40 -SRD8A -90	8	90	63	21	27	26	26 ~ 50	1.2
3060 41308120	-120	8	120	93	21	27	26	26 ~ 50	
3060 41308160	-160	8	160	133	21	27	26	26 ~ 50	
3060 41310090	BT40 -SRD10A -90	10	90	63	24	32	32	32 ~ 50	1.3
3060 41310120	-120	10	120	93	24	32	32	32 ~ 50	
3060 41310160	-160	10	160	133	24	32	32	32 ~ 50	
3060 41312090	BT40 -SRD12A -90	12	90	63	24	32	37	37 ~ 70	
3060 41312120	-120	12	120	93	24	32	37	37 ~ 70	
3060 41312160	-160	12	160	133	24	32	37	37 ~ 70	
3060 41314090	BT40 -SRD14A -90	14	90	63	27	34	37	37 ~ 70	
3060 41314120	-120	14	120	93	27	34	37	37 ~ 70	
3060 41314160	-160	14	160	133	27	34	37	37 ~ 70	
3060 41316090	BT40 -SRD16A -90	16	90	63	27	34	40	40 ~ 80	
3060 41316120	-120	16	120	93	27	34	40	40 ~ 80	
3060 41316160	-160	16	160	133	27	34	40	40 ~ 80	
3060 41318090	BT40 -SRD18A -90	18	90	63	33	42	40	40 ~ 80	1.4
3060 41318120	-120	18	120	93	33	42	40	40 ~ 80	
3060 41318160	-160	18	160	133	33	42	40	40 ~ 80	

Metric Sizes Unit : Metric

Code	Model	d	L	L1	D	D1	ℓ1	ℓ	kg
3060 41320090	BT40 -SRD20A -90	20	90	63	33	42	42	42 ~ 86	1.3
3060 41320120	-120	20	120	93	33	42	42	42 ~ 100	
3060 41320160	-160	20	160	133	33	42	42	42 ~ 100	
3060 41325100	BT40 -SRD25A -100	25	100	73	44	53	48	48 ~ 96	
3060 41325120	-120	25	120	93	44	53	48	48 ~ 100	2.0
3060 41325160	-160	25	160	133	44	53	48	48 ~ 100	
3060 41332100	BT40 -SRD32A -100	32	100	73	44	53	52	52 ~ 96	1.5
3060 41332120	-120	32	120	93	44	53	52	52 ~ 100	1.8
3060 41332160	-160	32	160	133	44	53	52	52 ~ 100	
3060 41506100	BT50 -SRD6A -100	6	100	62	21	27	26	26 ~ 36	
3060 41506120	-120	6	120	82	21	27	26	26 ~ 36	
3060 41506160	-160	6	160	122	21	27	26	26 ~ 36	
3060 41508100	BT50 -SRD8A -100	8	100	62	21	27	26	26 ~ 50	
3060 41508120	-120	8	120	82	21	27	26	26 ~ 50	
3060 41508160	-160	8	160	122	21	27	26	26 ~ 50	
3060 41510100	BT50 -SRD10A -100	10	100	62	24	32	32	32 ~ 50	3.8
3060 41510120	-120	10	120	82	24	32	32	32 ~ 50	
3060 41510160	-160	10	160	122	24	32	32	32 ~ 50	
3060 41512100	BT50 -SRD12A -100	12	100	62	24	32	37	37 ~ 70	3.8
3060 41512120	-120	12	120	82	24	32	37	37 ~ 70	
3060 41512160	-160	12	160	122	24	32	37	37 ~ 70	
3060 41514100	BT50 -SRD14A -100	14	100	62	27	34	37	37 ~ 70	
3060 41514120	-120	14	120	82	27	34	37	37 ~ 70	
3060 41514160	-160	14	160	122	27	34	37	37 ~ 70	
3060 41516100	BT50 -SRD16A -100	16	100	62	27	34	40	40 ~ 80	3.8
3060 41516120	-120	16	120	82	27	34	40	40 ~ 80	
3060 41516160	-160	16	160	122	27	34	40	40 ~ 80	
3060 41518100	BT50 -SRD18A -100	18	100	62	33	42	40	40 ~ 80	4.0
3060 41518120	-120	18	120	82	33	42	40	40 ~ 80	
3060 41518160	-160	18	160	122	33	42	40	40 ~ 80	
3060 41520100	BT50 -SRD20A -100	20	100	62	33	42	42	42 ~ 100	3.9
3060 41520120	-120	20	120	82	33	42	42	42 ~ 100	
3060 41520160	-160	20	160	122	33	42	42	42 ~ 100	
3060 41525110	BT50 -SRD25A -110	25	110	72	44	53	48	48 ~ 110	4.3
3060 41525135	-135	25	135	97	44	53	48	48 ~ 110	
3060 41525160	-160	25	160	122	44	53	48	48 ~ 110	
3060 41532110	BT50 -SRD32A -110	32	110	72	44	53	52	52 ~ 120	4.0
3060 41532135	-135	32	135	97	44	53	52	52 ~ 120	
3060 41532160	-160	32	160	122	44	53	52	52 ~ 120	

1. Always use carbide shank tools with h6 tolerance.
2. Use 2pcs. of M4 × 5 (S) hex. screw (included) to close air holes on the chuck when internal coolant is used.

Heating device chart		
heating device	chuck	
	SRD6A, SRD8A	SRD10A~SRD32A
ISG3400	Yes	Yes
SRK-HA1, HB2	No	Yes

Ordering Example

BT40 - SRD 10 A - 120
 Shank size I.D. (d) Projection length (L)



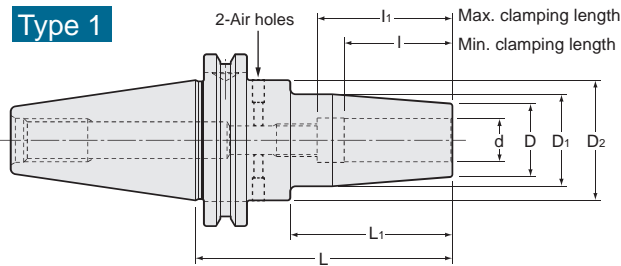
- BT
- CAT
- AHO
- HSK-A/E/F/C
- HSK-T
- UTS
- Specialized Machine
- Related Equipment
- Bush & Chamfering Drill
- Milling Chuck
- Collet Holder
- "R" Zero Holder
- Hydraulic Chuck
- Shank Fit
- Tapping Chuck
- Arbors
- Function Holder
- Turning Tool
- Retention Stud
- Tool Shank Dimensions

SRD

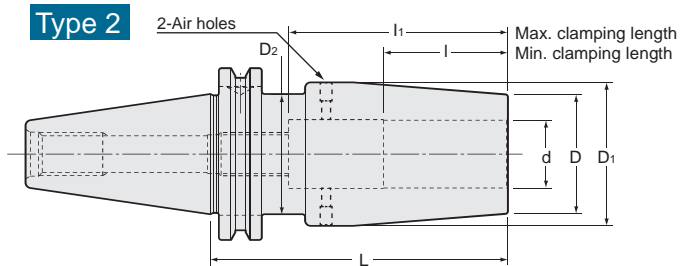
Shrink Fit (DIN Standard)

- Shrinkage method clamps a cutting tool firmly by heating and cooling the chuck. High precision and strong chucking force. (DIN Type)

Type 1



Type 2



Inch Sizes

Unit : Inch

Code	Model	Type	d	L	L1	D	D1	D2	I	I1	kg
1940 43408095	CAT40 -SRD0250A - 95	1	0.250	3.740	2.360	0.827	1.063	1.750	1.024	1.417	
1940 43408120	-120	1	0.250	4.724	3.344	0.827	1.063	1.750	1.024	1.417	1.3
1940 43408160	-160	1	0.250	6.299	4.919	0.827	1.063	1.750	1.024	1.417	
1940 43410095	CAT40 -SRD0312A - 95	1	0.312	3.740	2.360	0.827	1.063	1.750	1.024	1.969	
1940 43410120	-120	1	0.312	4.724	3.344	0.827	1.063	1.750	1.024	1.969	
1940 43410160	-160	1	0.312	6.299	4.919	0.827	1.063	1.750	1.024	1.969	
1940 43412095	CAT40 -SRD0375A - 95	1	0.375	3.740	2.360	0.945	1.260	1.750	1.260	1.969	1.3
1940 43412120	-120	1	0.375	4.724	3.344	0.945	1.260	1.750	1.260	1.969	
1940 43412160	-160	1	0.375	6.299	4.919	0.945	1.260	1.750	1.260	1.969	
1940 43416095	CAT40 -SRD0500A - 95	1	0.500	3.740	2.360	0.945	1.260	1.750	1.457	2.244	1.2
1940 43416120	-120	1	0.500	4.724	3.344	0.945	1.260	1.750	1.457	2.244	
1940 43416160	-160	1	0.500	6.299	4.919	0.945	1.260	1.750	1.457	2.244	1.6
1940 43420095	CAT40 -SRD0625A - 95	1	0.625	3.740	2.360	1.063	1.339	1.750	1.575	3.150	
1940 43420120	-120	1	0.625	4.724	3.344	1.063	1.339	1.750	1.575	3.150	
1940 43420160	-160	1	0.625	6.299	4.919	1.063	1.339	1.750	1.575	3.150	
1940 43424095	CAT40 -SRD0750A - 95	1	0.750	3.740	2.360	1.299	1.654	1.750	1.575	3.386	
1940 43424120	-120	1	0.750	4.724	3.344	1.299	1.654	1.750	1.575	3.937	
1940 43424160	-160	1	0.750	6.299	4.919	1.299	1.654	1.750	1.575	3.937	
1940 43428095	CAT40 -SRD0875A - 95	1	0.875	3.740	2.360	1.299	1.654	1.750	1.654	3.386	
1940 43428120	-120	1	0.875	4.724	3.344	1.299	1.654	1.750	1.654	3.937	
1940 43428160	-160	1	0.875	6.299	4.919	1.299	1.654	1.750	1.654	3.937	
1940 43432110	CAT40 -SRD1000A -110	2	1.000	4.331	—	1.732	2.087	1.750	1.890	3.780	1.8
1940 43432135	-135	2	1.000	5.315	—	1.732	2.087	1.750	1.890	3.937	
1940 43432160	-160	2	1.000	6.299	—	1.732	2.087	1.750	1.890	3.937	
1940 43440110	CAT40 -SRD1250A -110	2	1.250	4.331	—	1.732	2.087	1.750	1.890	3.780	
1940 43440135	-135	2	1.250	5.315	—	1.732	2.087	1.750	1.890	3.937	
1940 43440160	-160	2	1.250	6.299	—	1.732	2.087	1.750	1.890	3.937	
1940 43508095	CAT50 -SRD0250A - 95	1	0.250	3.740	2.360	0.827	1.063	2.750	1.024	1.417	
1940 43508120	-120	1	0.250	4.724	3.344	0.827	1.063	2.750	1.024	1.417	
1940 43508160	-160	1	0.250	6.299	4.919	0.827	1.063	2.750	1.024	1.417	
1940 43510095	CAT50 -SRD0312A - 95	1	0.312	3.740	2.360	0.827	1.063	2.750	1.024	1.969	
1940 43510120	-120	1	0.312	4.724	3.344	0.827	1.063	2.750	1.024	1.969	3.2
1940 43510160	-160	1	0.312	6.299	4.919	0.827	1.063	2.750	1.024	1.969	3.4
1940 43512095	CAT50 -SRD0375A - 95	1	0.375	3.740	2.360	0.945	1.260	2.750	1.260	1.969	
1940 43512120	-120	1	0.375	4.724	3.344	0.945	1.260	2.750	1.260	1.969	3.4
1940 43512160	-160	1	0.375	6.299	4.919	0.945	1.260	2.750	1.260	1.969	3.6
1940 43516095	CAT50 -SRD0500A - 95	1	0.500	3.740	2.360	0.945	1.260	2.750	1.457	2.244	
1940 43516120	-120	1	0.500	4.724	3.344	0.945	1.260	2.750	1.457	2.244	3.3
1940 43516160	-160	1	0.500	6.299	4.919	0.945	1.260	2.750	1.457	2.244	3.5
1940 43520095	CAT50 -SRD0625A - 95	1	0.625	3.740	2.360	1.063	1.339	2.750	1.575	3.150	
1940 43520120	-120	1	0.625	4.724	3.344	1.063	1.339	2.750	1.575	3.150	
1940 43520160	-160	1	0.625	6.299	4.919	1.063	1.339	2.750	1.575	3.150	3.6
1940 43524095	CAT50 -SRD0750A - 95	1	0.750	3.740	2.360	1.299	1.654	2.750	1.575	3.386	
1940 43524120	-120	1	0.750	4.724	3.344	1.299	1.654	2.750	1.575	3.937	3.6
1940 43524160	-160	1	0.750	6.299	4.919	1.299	1.654	2.750	1.575	3.937	3.9
1940 43528095	CAT50 -SRD0875A - 95	1	0.875	3.740	2.360	1.299	1.654	2.750	1.654	3.386	
1940 43528120	-120	1	0.875	4.724	3.344	1.299	1.654	2.750	1.654	3.937	
1940 43528160	-160	1	0.875	6.299	4.919	1.299	1.654	2.750	1.654	3.937	3.8
1940 43532105	CAT50 -SRD1000A -105	1	1.000	4.134	2.754	1.732	2.087	2.750	1.890	3.780	3.7
1940 43532120	-120	1	1.000	4.724	3.344	1.732	2.087	2.750	1.890	3.937	3.9
1940 43532160	-160	1	1.000	6.299	4.919	1.732	2.087	2.750	1.890	3.937	4.5
1940 43540105	CAT50 -SRD1250A -105	1	1.250	4.134	2.754	1.732	2.087	2.750	1.890	3.937	
1940 43540120	-120	1	1.250	4.724	3.344	1.732	2.087	2.750	1.890	3.937	3.6
1940 43540160	-160	1	1.250	6.299	4.919	1.732	2.087	2.750	1.890	3.937	4.2
1940 43548105	CAT50 -SRD1500A -105	1	1.500	4.134	2.754	1.732	2.087	2.750	1.890	3.937	
1940 43548120	-120	1	1.500	4.724	3.344	1.732	2.087	2.750	1.890	3.937	3.3
1940 43548160	-160	1	1.500	6.299	4.919	1.732	2.087	2.750	1.890	3.937	

1. Always use carbide shank tools with h6 tolerance.

2. Use 2pcs. of M4 × 5(S) hex. screw (included) to close air holes on the chuck when internal coolant is used.

Metric Sizes Unit : Inch

Code	Model	Type	d (mm)	L	L1	D	D1	D2	I	I1	kg
1940 41406095	CAT40 -SRD6A -95	1	6	3.740	2.360	0.827	1.063	1.750	1.024	1.417	
1940 41406120	-120	1	6	4.724	3.344	0.827	1.063	1.750	1.024	1.417	1.3
1940 41406160	-160	1	6	6.299	4.919	0.827	1.063	1.750	1.024	1.417	
1940 41408095	CAT40 -SRD8A -95	1	8	3.740	2.360	0.827	1.063	1.750	1.024	1.969	
1940 41408120	-120	1	8	4.724	3.344	0.827	1.063	1.750	1.024	1.969	
1940 41408160	-160	1	8	6.299	4.919	0.827	1.063	1.750	1.024	1.969	
1940 41410095	CAT40 -SRD10A -95	1	10	3.740	2.360	0.945	1.260	1.750	1.260	1.969	
1940 41410120	-120	1	10	4.724	3.344	0.945	1.260	1.750	1.260	1.969	1.4
1940 41410160	-160	1	10	6.299	4.919	0.945	1.260	1.750	1.260	1.969	
1940 41412095	CAT40 -SRD12A -95	1	12	3.740	2.360	0.945	1.260	1.750	1.457	2.756	
1940 41412120	-120	1	12	4.724	3.344	0.945	1.260	1.750	1.457	2.756	
1940 41412160	-160	1	12	6.299	4.919	0.945	1.260	1.750	1.457	2.756	
1940 41414095	CAT40 -SRD14A -95	1	14	3.740	2.360	1.063	1.339	1.750	1.457	2.756	
1940 41414120	-120	1	14	4.724	3.344	1.063	1.339	1.750	1.457	2.756	
1940 41414160	-160	1	14	6.299	4.919	1.063	1.339	1.750	1.457	2.756	
1940 41416095	CAT40 -SRD16A -95	1	16	3.740	2.360	1.063	1.339	1.750	1.575	3.150	
1940 41416120	-120	1	16	4.724	3.344	1.063	1.339	1.750	1.575	3.150	
1940 41416160	-160	1	16	6.299	4.919	1.063	1.339	1.750	1.575	3.150	
1940 41418095	CAT40 -SRD18A -95	1	18	3.740	2.360	1.299	1.654	1.750	1.575	3.150	1.4
1940 41418120	-120	1	18	4.724	3.344	1.299	1.654	1.750	1.575	3.150	
1940 41418160	-160	1	18	6.299	4.919	1.299	1.654	1.750	1.575	3.150	
1940 41420095	CAT40 -SRD20A -95	1	20	3.740	2.360	1.299	1.654	1.750	1.654	3.386	
1940 41420120	-120	1	20	4.724	3.344	1.299	1.654	1.750	1.654	3.937	
1940 41420160	-160	1	20	6.299	4.919	1.299	1.654	1.750	1.654	3.937	
1940 41425110	CAT40 -SRD25A -110	2	25	4.331	—	1.732	2.087	1.750	1.890	3.780	
1940 41425135	-135	2	25	5.315	—	1.732	2.087	1.750	1.890	3.937	
1940 41425160	-160	2	25	6.299	—	1.732	2.087	1.750	1.890	3.937	
1940 41432110	CAT40 -SRD32A -110	2	32	4.331	—	1.732	2.087	1.750	1.890	3.780	
1940 41432135	-135	2	32	5.315	—	1.732	2.087	1.750	1.890	3.937	
1940 41432160	-160	2	32	6.299	—	1.732	2.087	1.750	1.890	3.937	
1940 41506095	CAT50 -SRD6A -95	1	6	3.740	2.360	0.827	1.063	2.750	1.024	1.417	
1940 41506120	-120	1	6	4.724	3.344	0.827	1.063	2.750	1.024	1.417	
1940 41506160	-160	1	6	6.299	4.919	0.827	1.063	2.750	1.024	1.417	3.4
1940 41508095	CAT50 -SRD8A -95	1	8	3.740	2.360	0.827	1.063	2.750	1.024	1.969	
1940 41508120	-120	1	8	4.724	3.344	0.827	1.063	2.750	1.024	1.969	
1940 41508160	-160	1	8	6.299	4.919	0.827	1.063	2.750	1.024	1.969	3.4
1940 41510095	CAT50 -SRD10A -95	1	10	3.740	2.360	0.945	1.260	2.750	1.260	1.969	
1940 41510120	-120	1	10	4.724	3.344	0.945	1.260	2.750	1.260	1.969	3.4
1940 41510160	-160	1	10	6.299	4.919	0.945	1.260	2.750	1.260	1.969	3.6
1940 41512095	CAT50 -SRD12A -95	1	12	3.740	2.360	0.945	1.260	2.750	1.457	2.756	
1940 41512120	-120	1	12	4.724	3.344	0.945	1.260	2.750	1.457	2.756	3.3
1940 41512160	-160	1	12	6.299	4.919	0.945	1.260	2.750	1.457	2.756	3.6
1940 41514095	CAT50 -SRD14A -95	1	14	3.740	2.360	1.063	1.339	2.750	1.457	2.756	
1940 41514120	-120	1	14	4.724	3.344	1.063	1.339	2.750	1.457	2.756	
1940 41514160	-160	1	14	6.299	4.919	1.063	1.339	2.750	1.457	2.756	3.6
1940 41516095	CAT50 -SRD16A -95	1	16	3.740	2.360	1.063	1.339	2.750	1.575	3.150	3.3
1940 41516120	-120	1	16	4.724	3.344	1.063	1.339	2.750	1.575	3.150	
1940 41516160	-160	1	16	6.299	4.919	1.063	1.339	2.750	1.575	3.150	3.6
1940 41518095	CAT50 -SRD18A -95	1	18	3.740	2.360	1.299	1.654	2.750	1.575	3.150	
1940 41518120	-120	1	18	4.724	3.344	1.299	1.654	2.750	1.575	3.150	
1940 41518160	-160	1	18	6.299	4.919	1.299	1.654	2.750	1.575	3.150	3.9
1940 41520095	CAT50 -SRD20A -95	1	20	3.740	2.360	1.299	1.654	2.750	1.654	3.937	
1940 41520120	-120	1	20	4.724	3.344	1.299	1.654	2.750	1.654	3.937	3.6
1940 41520160	-160	1	20	6.299	4.919	1.299	1.654	2.750	1.654	3.937	3.9
1940 41525105	CAT50 -SRD25A -105	1	25	4.134	2.754	1.732	2.087	2.750	1.890	4.331	
1940 41525120	-120	1	25	4.724	3.344	1.732	2.087	2.750	1.890	4.331	
1940 41525160	-160	1	25	6.299	4.919	1.732	2.087	2.750	1.890	4.331	
1940 41532105	CAT50 -SRD32A -105	1	32	4.134	2.754	1.732	2.087	2.750	1.890	4.724	
1940 41532120	-120	1	32	4.724	3.344	1.732	2.087	2.750	1.890	4.724	3.6
1940 41532160	-160	1	32	6.299	4.919	1.732	2.087	2.750	1.890	4.724	4.2

1. Always use carbide shank tools with h6 tolerance.
2. Use 2pcs. of M4 x 5(S) hex. screw (included) to close air holes on the chuck when internal coolant is used.

Ordering Example
CAT40 - SRD 0250 A - 120
 Shank size I.D. (d) Projection length (L)

Ordering Example
CAT40 - SRD 6 A - 120
 Shank size I.D. (d) Projection length (L)

Heating device chart		
heating device	chuck	
	SRD6A, SRD8A SRD0250A, SRD0312A	SRD10A~SRD32A SRD0375A~SRD1500A
ISG3400	Yes	Yes
SRK-HA1, HB2	No	Yes

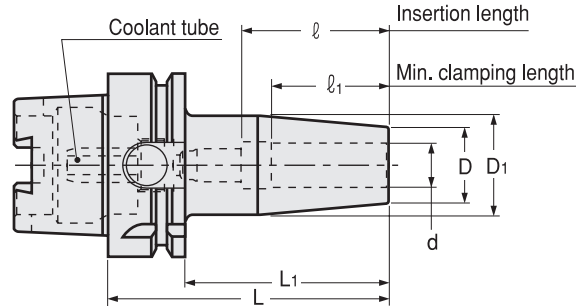


BT
 CAT
 AHO
 HSK-A/E/F/C
 HSK-T
 UTS
 Specialized Machine
 Related Equipment
 Bush & Chamfering Drill
 Milling Chuck
 Collet Holder
 "R" Zero Holder
 Hydraulic Chuck
 Sunk Fit
 Tapping Chuck
 Arbors
 Function Holder
 Retention Stud
 Tool Shank Dimensions

SRD

Shrink Fit (DIN Standard)

- Shrinkage method sets a cutting tool firmly by heating and cooling the chuck. High precision, rigidity and strong chucking. (DIN Type)



- Coolant tube is included.

Inch Sizes		Unit : Inch							
Code	Model	d	L	L1	D	D1	l_1	l	
5640 43308080	HSK40A -SRD0250 A -80	0.250	3.150	2.362	0.827	1.063	1.024	1.417	
5640 43308120	-120	0.250	4.724	3.937	0.827	1.063	1.024	1.417	
5640 43308160	-160	0.250	6.299	5.512	0.827	1.063	1.024	1.417	
5640 43310080	HSK40A -SRD0312 A -80	0.312	3.150	2.362	0.827	1.063	1.024	1.417	
5640 43310120	-120	0.312	4.724	3.937	0.827	1.063	1.024	1.969	
5640 43310160	-160	0.312	6.299	5.512	0.827	1.063	1.024	1.969	
5640 43312080	HSK40A -SRD0375 A -80	0.375	3.150	2.362	0.945	1.260	1.260	1.654	
5640 43312120	-120	0.375	4.724	3.937	0.945	1.260	1.260	1.969	
5640 43312160	-160	0.375	6.299	5.512	0.945	1.260	1.260	1.969	
5640 43316090	HSK40A -SRD0500 A -90	0.500	3.543	2.756	0.945	1.260	1.457	1.850	
5640 43316120	-120	0.500	4.724	3.937	0.945	1.260	1.457	2.756	
5640 43316160	-160	0.500	6.299	5.512	0.945	1.260	1.457	2.756	
5640 43320090	HSK40A -SRD0625 A -90	0.625	3.543	2.756	1.063	1.339	1.575	1.969	
5640 43320120	-120	0.625	4.724	3.937	1.063	1.339	1.575	2.756	
5640 43320160	-160	0.625	6.299	5.512	1.063	1.339	1.575	2.756	
5640 43508080	HSK63A -SRD0250 A -80	0.250	3.150	2.126	0.827	1.063	1.024	1.417	
5640 43508120	-120	0.250	4.724	3.701	0.827	1.063	1.024	1.417	
5640 43508160	-160	0.250	6.299	5.276	0.827	1.063	1.024	1.417	
5640 43510080	HSK63A -SRD0312 A -80	0.312	3.150	2.126	0.827	1.063	1.024	1.417	
5640 43510120	-120	0.312	4.724	3.701	0.827	1.063	1.024	1.969	
5640 43510160	-160	0.312	6.299	5.276	0.827	1.063	1.024	1.969	
5640 43512085	HSK63A -SRD0375 A -85	0.375	3.346	2.323	0.945	1.260	1.260	1.654	
5640 43512120	-120	0.375	4.724	3.701	0.945	1.260	1.260	1.969	
5640 43512160	-160	0.375	6.299	5.276	0.945	1.260	1.260	1.969	
5640 43516090	HSK63A -SRD0500 A -90	0.500	3.543	2.520	0.945	1.260	1.457	1.850	
5640 43516120	-120	0.500	4.724	3.701	0.945	1.260	1.457	2.756	
5640 43516160	-160	0.500	6.299	5.276	0.945	1.260	1.457	2.756	
5640 43520095	HSK63A -SRD0625 A -95	0.625	3.740	2.717	1.063	1.339	1.575	1.969	
5640 43520120	-120	0.625	4.724	3.701	1.063	1.339	1.575	2.756	
5640 43520160	-160	0.625	6.299	5.276	1.063	1.339	1.575	3.150	
5640 43524095	HSK63A -SRD0750 A -95	0.750	3.740	2.717	1.299	1.654	1.575	1.969	
5640 43524120	-120	0.750	4.724	3.701	1.299	1.654	1.575	2.756	
5640 43524160	-160	0.750	6.299	5.276	1.299	1.654	1.575	3.150	
5640 43528100	HSK63A -SRD0875 A -100	0.875	3.937	2.913	1.299	1.654	1.654	2.047	
5640 43528160	-160	0.875	6.299	5.276	1.299	1.654	1.654	3.583	
5640 43532115	HSK63A -SRD1000 A -115	1.000	4.528	3.504	1.732	2.087	1.890	2.047	
5640 43532160	-160	1.000	6.299	5.276	1.732	2.087	1.890	3.583	
5640 43540120	HSK63A -SRD1250 A -120	1.250	4.724	3.701	1.732	2.087	1.890	2.441	
5640 43540160	-160	1.250	6.299	5.276	1.732	2.087	1.890	3.819	

Inch Sizes

Unit : Inch

Code	Model	d	L	L1	D	D1	ℓ1	ℓ
5640 43708085	HSK100A -SRD0250 A -85	0.250	3.346	2.205	0.827	1.063	1.024	1.417
5640 43708120	-120	0.250	4.724	3.583	0.827	1.063	1.024	1.417
5640 43708160	-160	0.250	6.299	5.157	0.827	1.063	1.024	1.417
5640 43710085	HSK100A -SRD0312 A -85	0.312	3.346	2.205	0.827	1.063	1.024	1.417
5640 43710120	-120	0.312	4.724	3.583	0.827	1.063	1.024	1.969
5640 43710160	-160	0.312	6.299	5.157	0.827	1.063	1.024	1.969
5640 43712090	HSK100A -SRD0375 A -90	0.375	3.543	2.402	0.945	1.260	1.260	1.654
5640 43712120	-120	0.375	4.724	3.583	0.945	1.260	1.260	1.969
5640 43712160	-160	0.375	6.299	5.157	0.945	1.260	1.260	1.969
5640 43716095	HSK100A -SRD0500 A -95	0.500	3.740	2.598	0.945	1.260	1.457	1.850
5640 43716120	-120	0.500	4.724	3.583	0.945	1.260	1.457	2.756
5640 43716160	-160	0.500	6.299	5.157	0.945	1.260	1.457	2.756
5640 43720100	HSK100A -SRD0625 A -100	0.625	3.937	2.795	1.063	1.339	1.575	1.969
5640 43720160	-160	0.625	6.299	5.157	1.063	1.339	1.575	3.150
5640 43724100	HSK100A -SRD0750 A -100	0.750	3.937	2.795	1.299	1.654	1.575	1.969
5640 43724160	-160	0.750	6.299	5.157	1.299	1.654	1.575	3.150
5640 43728105	HSK100A -SRD0875 A -105	0.875	4.134	2.992	1.299	1.654	1.654	1.969
5640 43728160	-160	0.875	6.299	5.157	1.299	1.654	1.654	3.150
5640 43732115	HSK100A -SRD1000 A -115	1.000	4.528	3.386	1.732	2.087	1.890	2.283
5640 43732160	-160	1.000	6.299	5.157	1.732	2.087	1.890	3.661
5640 43740120	HSK100A -SRD1250 A -120	1.250	4.724	3.583	1.732	2.087	1.890	2.283
5640 43740160	-160	1.250	6.299	5.157	1.732	2.087	1.890	3.661
5640 43748120	HSK100A -SRD1500 A -120	1.500	4.724	3.583	1.732	2.087	1.890	2.283
5640 43748160	-160	1.500	6.299	5.157	1.732	2.087	1.890	3.661

Always use carbide shank tools with h6 tolerance.

Heating device chart		
heating device	chuck	
	SRD0250A, SRD0312A	SRD0375A~SRD1500A
ISG3400	Yes	Yes
SRK-HA1, HB2	No	Yes

Ordering Example

HSK40A - SRD 0250 A - 120

Shank size

I.D. (d)

Projection length (L)

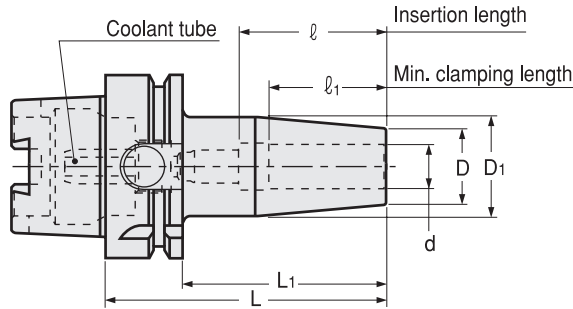
- BT
- CAT
- AHO
- HSK-A/E/F/C
- HSK-T
- UTS
- Specialized Machine
- Related Equipment
- Bush & Chamfering Drill
- Milling Chuck
- Collet Holder
- "R" Zero Holder
- Hydraulic Chuck
- Shrink Fit
- Tapping Chuck
- Arbors
- Function Holder
- HSK-E
- HSK-F
- HSK-C
- Tool Shank Dimensions



SRD

Shrink Fit (DIN Standard)

- Shrinkage method sets a cutting tool firmly by heating and cooling the chuck. High precision, rigidity and strong chucking. (DIN Type)



● Coolant tube is included.

Metric Sizes

Unit : Metric

Code	Model	d	L	L1	D	D1	ℓ1	ℓ	kg
5640 41306080	HSK40A -SRD6A -80	6	80	60	21	27	26	26 ~ 36	
5640 41306120	-120	6	120	100	21	27	26	26 ~ 36	
5640 41306160	-160	6	160	140	21	27	26	26 ~ 36	
5640 41308080	HSK40A -SRD8A -80	8	80	60	21	27	26	26 ~ 36	
5640 41308120	-120	8	120	100	21	27	26	26 ~ 50	
5640 41308160	-160	8	160	140	21	27	26	26 ~ 50	
5640 41310080	HSK40A -SRD10A -80	10	80	60	24	32	32	32 ~ 42	
5640 41310120	-120	10	120	100	24	32	32	32 ~ 50	
5640 41310160	-160	10	160	140	24	32	32	32 ~ 50	
5640 41312090	HSK40A -SRD12A -90	12	90	70	24	32	37	37 ~ 47	
5640 41312120	-120	12	120	100	24	32	37	37 ~ 70	
5640 41312160	-160	12	160	140	24	32	37	37 ~ 70	
5640 41314090	HSK40A -SRD14A -90	14	90	70	27	34	37	37 ~ 47	
5640 41314120	-120	14	120	100	27	34	37	37 ~ 70	
5640 41314160	-160	14	160	140	27	34	37	37 ~ 70	
5640 41316090	HSK40A -SRD16A -90	16	90	70	27	34	40	40 ~ 50	
5640 41316120	-120	16	120	100	27	34	40	40 ~ 70	
5640 41316160	-160	16	160	140	27	34	40	40 ~ 70	
5640 41506080	HSK63A -SRD6A -80	6	80	54	21	27	26	26 ~ 36	
5640 41506120	-120	6	120	94	21	27	26	26 ~ 36	
5640 41506160	-160	6	160	134	21	27	26	26 ~ 36	
5640 41508080	HSK63A -SRD8A -80	8	80	54	21	27	26	26 ~ 36	
5640 41508120	-120	8	120	94	21	27	26	26 ~ 50	1.1
5640 41508160	-160	8	160	134	21	27	26	26 ~ 50	
5640 41510085	HSK63A -SRD10A -85	10	85	59	24	32	32	32 ~ 42	
5640 41510120	-120	10	120	94	24	32	32	32 ~ 50	1.2
5640 41510160	-160	10	160	134	24	32	32	32 ~ 50	
5640 41512090	HSK63A -SRD12A -90	12	90	64	24	32	37	37 ~ 47	
5640 41512120	-120	12	120	94	24	32	37	37 ~ 70	1.1
5640 41512160	-160	12	160	134	24	32	37	37 ~ 70	
5640 41514090	HSK63A -SRD14A -90	14	90	64	27	34	37	37 ~ 47	
5640 41514120	-120	14	120	94	27	34	37	37 ~ 70	1.2
5640 41514160	-160	14	160	134	27	34	37	37 ~ 70	
5640 41516095	HSK63A -SRD16A -95	16	95	69	27	34	40	40 ~ 50	
5640 41516120	-120	16	120	94	27	34	40	40 ~ 70	
5640 41516160	-160	16	160	134	27	34	40	40 ~ 80	1.2
5640 41518095	HSK63A -SRD18A -95	18	95	69	33	42	40	40 ~ 50	
5640 41518120	-120	18	120	94	33	42	40	40 ~ 70	
5640 41518160	-160	18	160	134	33	42	40	40 ~ 80	
5640 41520100	HSK63A -SRD20A -100	20	100	74	33	42	42	42 ~ 52	
5640 41520160	-160	20	160	134	33	42	42	42 ~ 91	
5640 41525115	HSK63A -SRD25A -115	25	115	89	44	53	48	48 ~ 62	1.8
5640 41525160	-160	25	160	134	44	53	48	48 ~ 97	
5640 41532120	HSK63A -SRD32A -120	32	120	94	44	53	52	52 ~ 62	1.7
5640 41532160	-160	32	160	134	44	53	52	52 ~ 97	

Metric Sizes Unit : Metric

Code	Model	d	L	L1	D	D1	ℓ1	ℓ	kg
5640 41706085	HSK100A -SRD6A -85	6	85	56	21	27	26	26 ~ 36	
5640 41706120	-120	6	120	91	21	27	26	26 ~ 36	
5640 41706160	-160	6	160	131	21	27	26	26 ~ 36	
5640 41708085	HSK100A -SRD8A -85	8	85	56	21	27	26	26 ~ 36	
5640 41708120	-120	8	120	91	21	27	26	26 ~ 50	
5640 41708160	-160	8	160	131	21	27	26	26 ~ 50	
5640 41710090	HSK100A -SRD10A -90	10	90	61	24	32	32	32 ~ 42	
5640 41710120	-120	10	120	91	24	32	32	32 ~ 50	
5640 41710160	-160	10	160	131	24	32	32	32 ~ 50	
5640 41712095	HSK100A -SRD12A -95	12	95	66	24	32	37	37 ~ 47	
5640 41712120	-120	12	120	91	24	32	37	37 ~ 65	
5640 41712160	-160	12	160	131	24	32	37	37 ~ 70	
5640 41714095	HSK100A -SRD14A -95	14	95	66	27	34	37	37 ~ 47	
5640 41714120	-120	14	120	91	27	34	37	37 ~ 65	
5640 41714160	-160	14	160	131	27	34	37	37 ~ 70	
5640 41716100	HSK100A -SRD16A -100	16	100	71	27	34	40	40 ~ 50	
5640 41716160	-160	16	160	131	27	34	40	40 ~ 80	
5640 41718100	HSK100A -SRD18A -100	18	100	71	33	42	40	40 ~ 50	
5640 41718160	-160	18	160	131	33	42	40	40 ~ 80	
5640 41720105	HSK100A -SRD20A -105	20	105	76	33	42	42	42 ~ 52	
5640 41720160	-160	20	160	131	33	42	42	42 ~ 91	
5640 41725115	HSK100A -SRD25A -115	25	115	86	44	53	48	48 ~ 58	
5640 41725160	-160	25	160	131	44	53	48	48 ~ 93	
5640 41732120	HSK100A -SRD32A -120	32	120	91	44	53	52	52 ~ 62	
5640 41732160	-160	32	160	131	44	53	52	52 ~ 93	

Always use carbide shank tools with h6 tolerance.

Heating device chart		
heating device	chuck	
	SRD6A, SRD8A	SRD10A~SRD32A
ISG3400	Yes	Yes
SRK-HA1, HB2	No	Yes

Ordering Example

HSK40A - SRD 6 A - 120
 Shank size I.D. (d) Projection length (L)

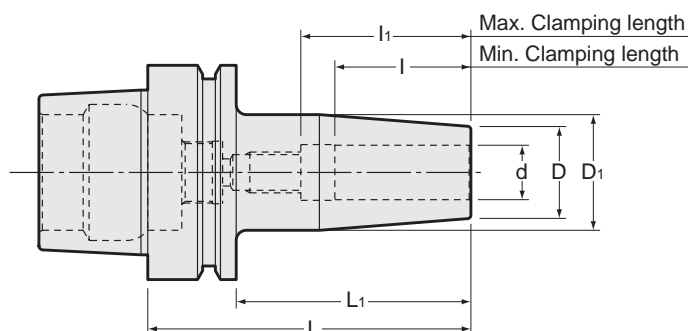
- BT
- CAT
- AHO
- HSK-A/E/F/C
- HSK-T
- UTS
- Specialized Machine
- Related Equipment
- Bush & Chamfering Drill
- Milling Chuck
- Collet Holder
- "R" Zero Holder
- Hydraulic Chuck
- Shrink Fit
- Tapping Chuck
- Arbors
- Function Holder
- HSKE
- HSK-F
- HSK-C
- Tool Shank Dimensions



SRD

Shrink Fit (DIN Standard)

- Shrinkage method sets a cutting tool firmly by heating and cooling the chuck. High precision, rigidity and strong chucking. (DIN Type)



Inch Sizes		Unit : Inch								
Code	Model	d	L	L1	D	D1	I	I1		
5644 43308080	HSK40E -SRD0250 A -80	0.250	3.150	2.362	0.827	1.063	1.024	1.417		
5644 43308120	-120	0.250	4.724	3.937	0.827	1.063	1.024	1.417		
5644 43308160	-160	0.250	6.299	5.512	0.827	1.063	1.024	1.417		
5644 43310080	HSK40E -SRD0312 A -80	0.312	3.150	2.362	0.827	1.063	1.024	1.417		
5644 43310120	-120	0.312	4.724	3.937	0.827	1.063	1.024	1.969		
5644 43310160	-160	0.312	6.299	5.512	0.827	1.063	1.024	1.969		
5644 43312080	HSK40E -SRD0375 A -80	0.375	3.150	2.362	0.945	1.260	1.260	1.654		
5644 43312120	-120	0.375	4.724	3.937	0.945	1.260	1.260	1.969		
5644 43312160	-160	0.375	6.299	5.512	0.945	1.260	1.260	1.969		
5644 43316090	HSK40E -SRD0500 A -90	0.500	3.543	2.756	0.945	1.260	1.457	1.850		
5644 43316120	-120	0.500	4.724	3.937	0.945	1.260	1.457	2.756		
5644 43316160	-160	0.500	6.299	5.512	0.945	1.260	1.457	2.756		
5644 43320090	HSK40E -SRD0625 A -90	0.625	3.543	2.756	1.063	1.339	1.575	1.969		
5644 43320120	-120	0.625	4.724	3.937	1.063	1.339	1.575	2.756		
5644 43320160	-160	0.625	6.299	5.512	1.063	1.339	1.575	2.756		

Always use carbide shank tools with h6 tolerance.

Heating device chart		
heating device	chuck	
	SRD0250A, SRD0312A	SRD0375A~SRD1500A
ISG3400	Yes	Yes
SRK-HA1, HB2	No	Yes

Ordering Example

HSK40A - SRD 0250 A - 120
 Shank size I.D. (d) Projection length (L)