

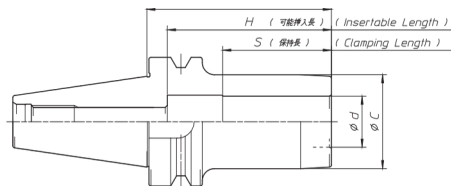
SHRINKING HOLDER (REGULAR TYPE)

Thru-the-tool Coolant Available

センタースルー対応

FEATURES

A wide model selection offering excellent roughing and heavy cutting performance!



※The SBT type is tooling compatible with BT2 dual-face contact spindles. (BT type is also supported)

MODEL		φd	L	φC	S	H	N/W(kg
SBT30	-SF06-070-N	6	70	25	25	60	0.6
	-SF08-070-N	8		27			0.6
	-SF10-070-N	10		29	30		0.7
	-SF12-070-N	12		31			0.7
	-SF16-080-N	16	80	35	40	70	0.8
	-SF20-080-N	20		39	48		0.9
SBT40	-SF06-075-N	6	75	25	25	60	1.2
	-SF06-150-N		150				1.5
	-SF06-200-N		200				1.7
	-SF08-075-N	8	75	27	25	60	1.3
	-SF08-150-N		150				1.6
	-SF08-200-N		200				1.8
	-SF10-075-N	10	75	29	30	60	1.3
	-SF10-150-N		150				1.6
	-SF10-200-N		200				1.9
	-SF12-075-N	12	75	31	30	60	1.6
	-SF12-150-N		150				1.7
	-SF12-200-N		200				2.0
	-SF16-090-N	16	90	35	40	80	1.5
	-SF20-090-N	20	90	39	48	80	1.5
	-SF25-090-N	25	90	46	53	80	1.6
	-SF32-090-N	32	90	53	55	80	1.8
SBT50	-SF06-090-N	6	90	25	25	60	4.1
	-SF06-150-N		150				4.3
	-SF06-200-N		200				4.5
	-SF06-250-N		250				4.7
	-SF08-090-N	8	90	27	25	60	4.2
	-SF08-150-N		150				4.4
	-SF08-200-N		200				4.6
	-SF08-250-N		250				4.8
	-SF10-090-N	10	90	29	30	80	4.2
	-SF10-150-N		150				4.5
	-SF10-200-N		200				4.7
	-SF10-250-N		250				4.9
	-SF12-090-N	12	90	31	30	80	4.2
	-SF12-150-N		150				4.5
	-SF12-200-N		200				4.8
	-SF12-250-N		250				5.0
	-SF16-105-N	16	105	35	40	80	4.3
	-SF16-150-N		150				4.6
	-SF16-200-N		200				4.7
	-SF16-250-N		250				5.2
	-SF20-105-N	20	105	39	48	100	4.4
	-SF20-150-N		150				4.7
	-SF20-200-N		200				5.0
	-SF20-250-N		250				5.4
	-SF25-105-N	25	105	46	53	100	4.5
	-SF32-105-N	32	105	53	55	100	4.7
	-SF42-120-N	42	120	65	70	110	5.0
	-SF50.8-115-N※	50.8	115	75	70	100	5.4

※Inquire regarding the use of SBT50-SF50.8-115N.

SBT SERIES

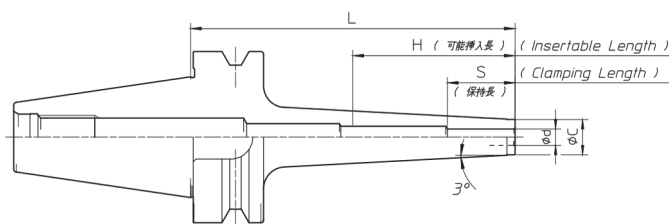
SHRINKING HOLDER (NEW SLIM TYPE)

Thru-the-tool Coolant Available

センタースルー対応

FEATURES

Ideal for high-precision machining, intermediate finishing , and finishing machining!

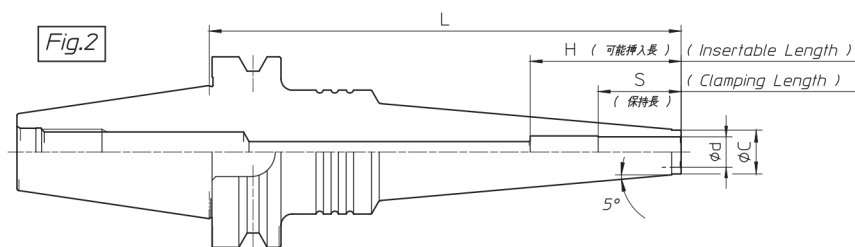
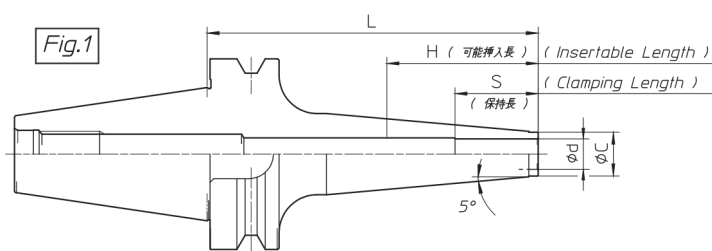


※The SBT type is tooling compatible with BT2 dual-face contact spindles. (BT type is also supported)

MODEL		φd	L	φC	S	H	N/W(kg)
SBT30	-SF04-090-NS	4	90	11	12	60	0.5
	-SF06-090-NS	6		13	25		0.5
	-SF08-090-NS	8		15			0.5
	-SF10-090-NS	10		17	30		0.6
	-SF12-090-NS	12		19			0.6
SBT40	-SF04-090-NS	4	90	11	12	60	1.1
	-SF04-120-NS		120				1.2
	-SF04-150-NS		150				1.3
	-SF06-090-NS	6	90	13	25	60	1.2
	-SF06-120-NS		120				1.2
	-SF06-150-NS		150				1.3
	-SF08-090-NS	8	90	15	25	60	1.2
	-SF08-120-NS		120				1.3
	-SF08-150-NS		150				1.4
	-SF10-090-NS	10	90	17	30	60	1.2
	-SF10-120-NS		120				1.3
	-SF10-150-NS		150				1.4
	-SF12-090-NS	12	90	19	30	60	1.1
	-SF12-120-NS		120				1.3
	-SF12-150-NS		150				1.4
SBT50	-SF04-105-NS	4	105	11	12	60	4.0
	-SF04-120-NS		120				4.2
	-SF04-150-NS		150				4.4
	-SF06-105-NS	6	105	13	25	60	4.0
	-SF06-120-NS		120				4.2
	-SF06-150-NS		150				4.4
	-SF08-105-NS	8	105	15	25	60	4.0
	-SF08-120-NS		120				4.2
	-SF08-150-NS		150				4.4
	-SF10-105-NS	10	105	17	30	60	4.0
	-SF10-120-NS		120				4.2
	-SF10-150-NS		150				4.4
	-SF12-105-NS	12	105	19	30	60	4.0
	-SF12-120-NS		120				4.2
	-SF12-150-NS		150				4.4

FEATURES

Eliminates interference between the jig and work! Facilitates easy tool layout



※The SBT type is tooling compatible with BT2 dual-face contact spindles. (BT type is also supported)

MODEL		Fig.	ød	L	øC	S	H	N/W(kg)
SBT50	-SF04-175-N-TY	1	4	175	11	12	45	4.1
	-SF04-250-N-TY	2		250				5.5
	-SF06-175-N-TY	1	6	175	13	29	50	4.3
	-SF06-250-N-TY	2		250				5.8
	-SF08-175-N-TY	1	8	175	15	29	50	4.4
	-SF08-250-N-TY	2		250				5.9
	-SF10-175-N-TY	1	10	175	17	35	60	4.5
	-SF10-250-N-TY	2		250				6.0
	-SF12-175-N-TY	1	12	175	19	36	60	4.6
	-SF12-250-N-TY	2		250				6.0
	-SF16-175-N-TY	1	16	175	23	44	80	4.7
	-SF16-250-N-TY	2		250				6.2
	-SF20-175-N-TY	1	20	175	27	46	100	4.9
	-SF20-250-N-TY	2		250				6.5
	-SF25-175-N-TY	1	25	175	32	55	100	5.0
	-SF25-250-N-TY	2		250				6.5
	-SF32-175-N-TY	1	32	175	39	66	120	5.7
	-SF32-250-N-TY	2		250				6.9

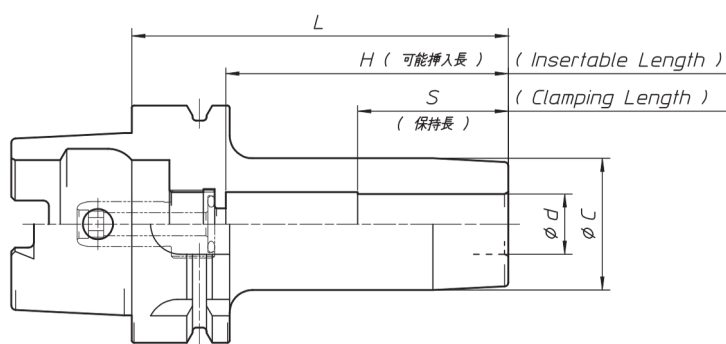
SHRINKING HOLDER (REGULAR TYPE)

Thru-the-tool Coolant Available

センタースルー対応

FEATURES

Ideal for high-precision machining and cutting!



MODEL		ød	L	øC	S	H	N/W (kg)
HSKA63	-SF06-080-N	6	80	25	25	50	0.85
	08-080-N	8		27			0.87
	10-085-N	10	85	29	30	55	0.91
	12-090-N	12	90	31		60	0.94
	16-100-N	16	100	35	40	70	1.06
	20-100-N	20		39	48		1.12
	25-110-N	25	110	46	53	75	1.35
	32-115-N	32	115	53	55		1.53
HSKA100	-SF06-090-N	6	90	25	25	50	2.10
	08-090-N	8		27			2.13
	10-095-N	10	95	29	30	55	2.17
	12-100-N	12	100	31		60	2.22
	16-105-N	16	105	35	40	70	2.31
	20-110-N	20	110	39	48		2.40
	25-115-N	25	115	46	53	75	2.60
	32-120-N	32	120	53	55		2.80
	42-135-N	42	135	65	70	95	3.30

HSK SERIES

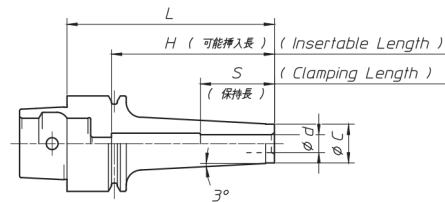
SHRINKING HOLDER (NEW SLIM TYPE)

Thru-the-tool Coolant Available

センタースルー対応

FEATURES

A wide model selection offering excellent roughing and heavy cutting performance!



MODEL		ød	L	øC	S	H	N/W (kg)
HSKE25	-SF04-050-NS	4	50	40	12	30	0.18
	06-050-NS	6			25	40	0.18
	08-050-NS	8					0.18
HSKE32	-SF04-070-NS	4	70	50	12	35	0.25
	04-090-NS	6	90	70			0.40
	06-070-NS		70	50	25	55	0.25
	06-090-NS		90	70			0.40
	08-070-NS	8	70	50	25	55	0.25
	08-090-NS		90	70			0.40
	10-070-NS		70	50	30	55	0.25
	10-090-NS	10	90	70			0.40
	12-070-NS		70	50	30	55	0.25
	12-090-NS		90	70			0.40
		12			40	70	0.40

MODEL		ød	L	øC	S	H	N/W (kg)
HSKE40	-SF04-075-NS	4	75	55	12	45	0.27
	06-075-NS	6			25	55	0.27
	08-075-NS	8					0.29
	10-075-NS	10					0.30
	12-075-NS	12					0.30
HSKE50	-SF04-080-NS	4	80	54	12	45	0.43
	06-080-NS	6			25	55	0.44
	08-080-NS	8					0.45
	10-080-NS	10					0.47
	12-080-NS	12					0.48

MODEL		ød	L	øC	S	H	N/W (kg)
HSA63	-SF04-080-NS	4	80	11	12	45	0.27
	04-120-NS		120				0.75
	04-150-NS		150				0.80
	- SF06-080-NS	6	80	13	25	55	0.88
	06-120-NS		120				0.75
	06-150-NS		150				0.80
	-SF08-080-NS	8	80	15	25	55	0.90
	08-120-NS		120				0.75
	08-150-NS		150				0.85
	-SF10-080-NS	10	80	17	30	55	0.95
	10-120-NS		120				0.76
	10-150-NS		150				0.88
	-SF12-080-NS	12	80	19	30	55	1.00
	12-120-NS		120			60	0.77
	12-150-NS		150				0.90
HSA100	-SF04-135-NS	4	135	11	12	45	1.10
	06-135-NS	6		13	25	55	2.00
	08-135-NS	8		15			2.10
	10-135-NS	10		17	30		60
	12-135-NS	12		19		2.15	

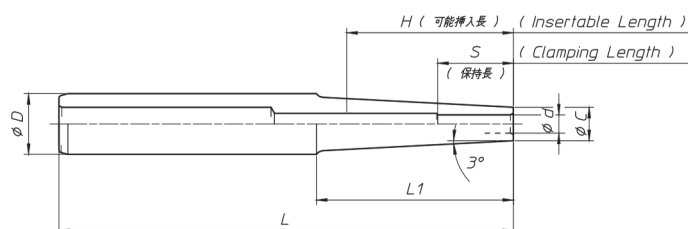
SHRINKING HOLDER SHANK (SLIM TYPE)

Thru-the-tool Coolant Available

センタースルー対応

FEATURES

Converts the smallest cutting tools to a long shank!



MODEL		Ød	ØD	L	L1	ØC	S	H	N/W (kg)
ST16	-SF 04-150	4	16	150	65	9	12	55	0.15
	-SF 06-150	6			(47)	11	25		0.16
	-SF 08-150	8			(28)	13			0.17
ST20	-SF 04-150	4	20	150	65	9	15	55	0.21
	-SF 06-150	6				11	25		0.22
	-SF 08-150	8				13			0.23
	-SF 10-150	10			(47)	15	30	60	0.25
	-SF 12-150	12			(28)	17		65	0.25
ST25	-SF 04-250	4	25	250	150	9	12	55	0.44
	-SF 06-250	6			(133)	11	25		0.45
	-SF 08-250	8			(114)	13			0.48
	-SF 10-250	10			(95)	15	30	60	0.50
	-SF 12-250	12			(76)	17		65	0.50
ST32	-SF 04-300	4	32	300	180	9	12	55	1.10
	-SF 06-300	6				11	25		1.15
	-SF 08-300	8			(181)	13			1.20
	-SF 10-300	10			(162)	15	30	60	1.30
	-SF 12-300	12			(143)	17		65	1.35
	-SF 16-300	16			(104)	21	40	80	1.35

※A size and another work shank (S12T・S42T etc.) other than the above also receive it. (Please inquire about details)