

NEW

X-TREME Shrink Fit Holder

Super High Clamping Torque & Market Leading Accuracy stabilize milling operation.



The X-TREME Chuck provides the largest gripping force available thanks to double-tilt lock system.

Any materials available

The X-TREME solution provides ultimate performance, control and reliability to meet the requirements of demanding Aerospace components and applications.

NIKKEN

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Technical Specifications

Shrink fit holder only for X-TREME endmill

(mm)

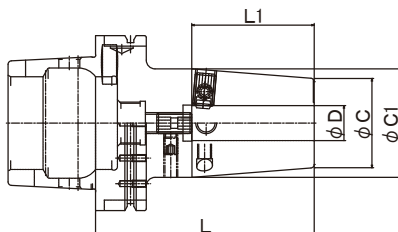
Taper	Code No.	ϕD	L	L1	ϕC	$\phi C1$	Back-up Screw
HSK63A	HSK 63A-SF12EX-120B	12	120	57	38	49.5	M10
	HSK 63A-SF16EX-135B	16	135	67	46	57	M12
	HSK 63A-SF20EX-145B	20	145	70	51	62	M12
HSK80F	HSK 80F-SF12EX-110B	12	110	57	38	50	M10
	HSK 80F-SF16EX-130B	16	130	67	46	57	M12
	HSK 80F-SF20EX-130B	20	130	70	51	62	M12
HSK100A	HSK100A-SF12EX-110B	12	110	57	38	50	M10
	HSK100A-SF16EX-120B	16	120	67	46	59.6	M12
	HSK100A-SF20EX-125B	20	125	70	51	62	M12
	HSK100A-SF25EX-150B	25	150	76	55	67	M16
NBT40	NBT40 -SF12EX-115B	12	115	57	38	50	M10
	NBT40 -SF16EX-125B	16	125	67	46	57	M12
	NBT40 -SF20EX-130B	20	130	70	51	62	M12
NBT50	NBT50 -SF12EX-120B	12	120	57	38	50.2	M10
	NBT50 -SF16EX-130B	16	130	67	46	59.7	M12
	NBT50 -SF20EX-135B	20	135	70	51	62	M12
	NBT50 -SF25EX-140B	25	140	76	55	67	M16

Shrink fit holder for the standard endmill on the market (need additional processing to make flat face)

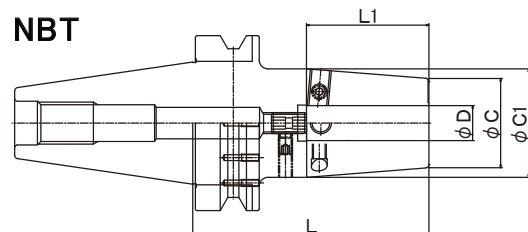
(mm)

Taper	Code No.	ϕD	L	L1	ϕC	$\phi C1$	Back-up Screw
HSK63A	HSK 63A-SF12EXS-110B	12	110	45	38	48	M10
	HSK 63A-SF16EXS-115B	16	115	48	46	54	M12
	HSK 63A-SF20EXS-125B	20	125	50	51	60	M12
HSK80F	HSK 80F-SF12EXS-100B	12	100	45	38	48	M10
	HSK 80F-SF16EXS-110B	16	110	48	46	54	M12
	HSK 80F-SF20EXS-110B	20	110	50	51	60	M12
HSK100A	HSK100A-SF12EXS- 95B	12	95	45	38	47.7	M10
	HSK100A-SF16EXS-100B	16	100	48	46	56.4	M12
	HSK100A-SF20EXS-105B	20	105	50	51	62	M12
	HSK100A-SF25EXS-130B	25	130	56	55	67	M16
NBT40	NBT40 -SF12EXS-105B	12	105	45	38	48	M10
	NBT40 -SF16EXS-105B	16	105	48	46	54	M12
	NBT40 -SF20EXS-110B	20	110	50	51	60	M12
NBT50	NBT50 -SF12EXS-105B	12	105	45	38	47.8	M10
	NBT50 -SF16EXS-110B	16	110	48	46	56.6	M12
	NBT50 -SF20EXS-115B	20	115	50	51	62	M12
	NBT50 -SF25EXS-120B	25	120	56	55	67	M16

HSK

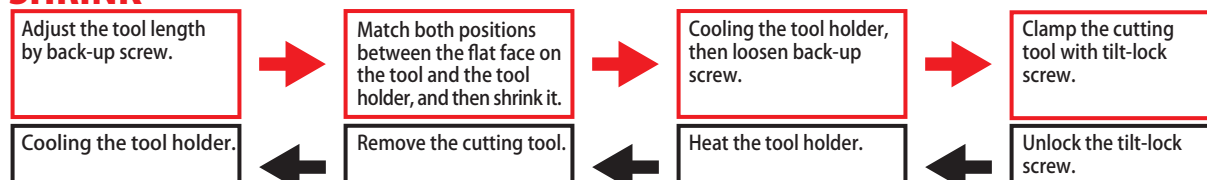


NBT



Chucking / Unchucking procedure

SHRINK



UNSHRINK

- ※ Please note that tilt-lock screw should be left off from the tool holder when shrinking.
- ※ NEVER touch the cutting tools or tool holders WITHOUT putting on the included Kevlar Gloves.