

YE-BT23

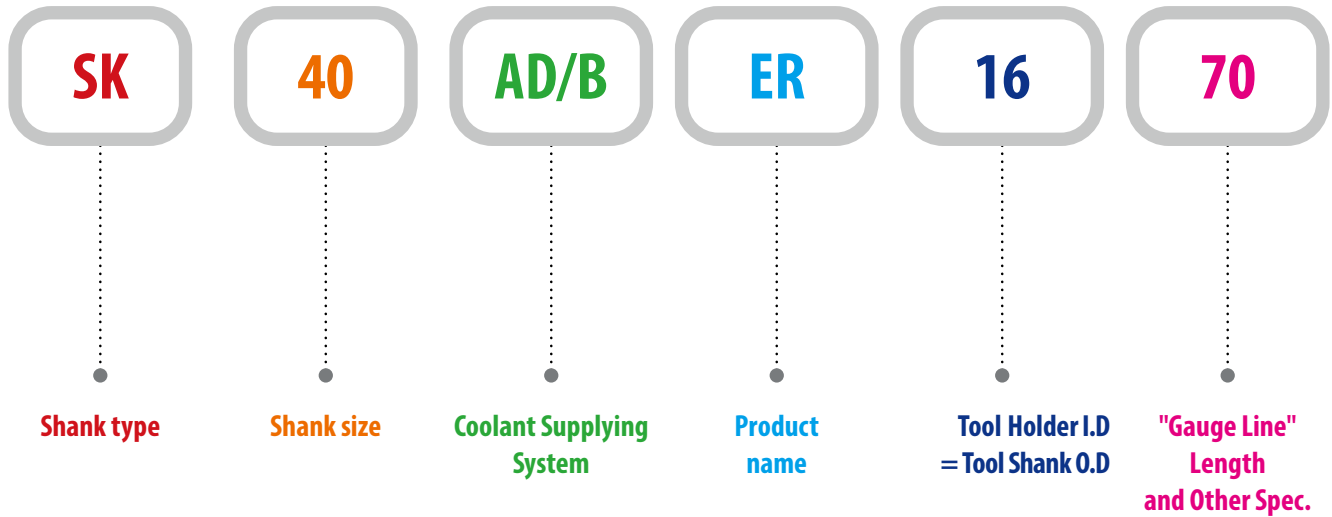


BEST OF TOOLING SYSTEM



MODEL NUMBERING SYSTEM & SURFACE FINISH

Model Numbering System



Surface Finish








BEST OF TOOLING SYSTEM LIST

HYDRAULIC CHUCK

















Click/Touch each image(page number) and move to the very page!

Series	HCP			HC			
Type	POWER E-HYDRO			SLIM			
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	CBT BT DUAL CONTACT
Page	08			09			
Tool Holder							

Series	HCR			HMC		
Type	RADIAL TOOL LENGTH PRE-SETTING TYPE			MOULD & DIE		
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403
Page	10			10		
Tool Holder						

Series	HCS	HF	HK	HS
Type	HYDRAULIC CHUCK SET	REDUCTION SLEEVE COOLANT FLUSH TYPE	REDUCTION SLEEVE OPEN TYPE	REDUCTION SLEEVE CLOSED TYPE
Page	11	11	12	
Tool Holder				

Guide Line to Icons

Standard of Tools	Taper Accuracy	G Value	RPM	Run-Out	Coolant System
   		 	   		   

BEST OF TOOLING SYSTEM LIST

SHRINK FIT HOLDER

Click/Touch each image(page number) and move to the very page!

Series	SFH						
Type	SHRINK FIT HOLDER (COOLANT CHANNEL)			SHRINK FIT HOLDER			
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	CBT BT DUAL CONTACT
Page	13		14	14	15		16
Tool Holder							

Series	SFHS			SFH
Type	EXTRA SLIM			EXTENSION
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	ST STRAIGHT
Page	16		17	17
Tool Holder				

ER COLLET CHUCK

Series	ER					
Type	ER COLLET CHUCK					
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	CBT BT DUAL CONTACT	K STRAIGHT (SLIM TYPE)	NC for CNC LATHE
Page	17-18	18-19	19-20	20		
Tool Holder						

Series	UF	ERHP	GER	RDTC	PART	SP	SP
Type	ER COLLET - UF	ER COLLET HIGH PRECISION	ER COLLET GER HIGH PRECISION	TAP ER COLLET DIN	ER NUT	ER SPANNER / WRENCH (for ER NUT)	ER SPANNER / WRENCH (for ER Mini NUT)
Page	21-22	22-23	23-24	24	25		
Tool Holder							

BEST OF TOOLING SYSTEM LIST






END MILL HOLDER & SIDE LOCK ARBOR



Click/Touch each image(page number) and move to the very page!

Series	EMH					
Type	END MILL HOLDER			END MILL HOLDER - SPRAY NOZZLE TYPE		
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403
Page	25-26	26-27	27	28		
Tool Holder						

Series	SLA	
Type	SIDE LOCK ARBOR	
Standard	BT JIS B6339 MAS 403	CBT BT DUAL CONTACT
Page	28	29
Tool Holder		

POWER MILLING CHUCK





Series	C				
Type	POWER MILLING CHUCK			HIGH SPEED	MILLING CHUCK SET
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	SK DIN 69871	
Page	29				30
Tool Holder					







Series	K	SP
Type	POWER MILLING CHUCK COLLET	SPANNER for MILLING CHUCK
Page	30	
Tool Holder		

BEST OF TOOLING SYSTEM LIST






SHELL MILL ARBOR

Click/Touch each image(page number) and move to the very page!

Series	SMA			
Type	SHELL MILL ARBOR (COOLANT CHANNEL)			
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	CBT BT DUAL CONTACT
Page	30		31	
Tool Holder				

Series	SMA				CMA	
Type	SHELL MILL ARBOR				COMBI-SHELL MILL ARBOR	
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	CBT BT DUAL CONTACT	SK DIN 69871	BT JIS B6339 MAS 403
Page	31	32	32		32	33
Tool Holder						

SYNCHRO TAPPING CHUCK

Series	SYTER				SYTC
Type	ER TYPE				QUICK CHANGE TYPE
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	KW STRAIGHT	SK DIN 69871
Page	33			34	34
Tool Holder					

TAPPING ER CHUCK

Series	TER	
Type	TAPPING ER CHUCK	
Standard	SK DIN 69871	BT JIS B6339 MAS 403
Page	34	
Tool Holder		


BEST OF TOOLING SYSTEM LIST

TAPPING CHUCK

Click/Touch each image(page number) and move to the very page!

Series	TC			
Type	TAPPING CHUCK			
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403	TAP ADAPTER DIN
Page	35			
Tool Holder				



NC DRILL CHUCK

Series	NPU
Type	NC DRILL CHUCK
Standard	K STRAIGHT
Page	35
Tool Holder	

MORSE TAPER ARBOR

Series	MTA		
Type	MORSE TAPER ARBOR		
Standard	SK DIN 69871	HSK ISO 12164-1 DIN 69893	BT JIS B6339 MAS 403
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Tool Holder			

ACCESSORY & OTHERS

Series	PSB	CT
Type	PULL STUD BOLT	COOLANT TUBE
Page	36	
Tool Holder		

HYDRAULIC CHUCK POWER E-HYDRO HCP
SK - DIN 69871


TAPER No.	MODEL No.	EDP No.
40	SK40AD/B-HC12P-50 G2.5	P2776651P
	SK40AD/B-HC20P-64.5 G2.5	P2534001P
50	SK50AD/B-HC20P-64.5 G2.5	P2756010P
	SK50AD/B-HC32P-81 G2.5	P2534002P

HYDRAULIC CHUCK POWER E-HYDRO HCP
BT - JIS B6339/MAS 403


TAPER No.	MODEL No.	EDP No.
30	BT30-HC20P-90 G2.5	P2776602P
40	BT40AD/B-HC12P-58 G2.5	P2776601P
	BT40AD/B-HC20P-72.5 G2.5	P2554001P
50	BT50AD/B-HC20P-83.5 G2.5	P2755010P
	BT50AD/B-HC32P-90 G2.5	P2558001P

HSK FORM A - ISO 12164-1/DIN 69893


TAPER No.	MODEL No.	EDP No.
63A	HSK63A-HC12P-80 G2.5	P2770302P
	HSK63A-HC20P-80 G2.5	P2770301P
100A	HSK100A-HC20P-90 G2.5	P2770303P
	HSK100A-HC32P-100 G2.5	P2770304P

HYDRAULIC CHUCK SLIM

HC

SK - DIN 69871

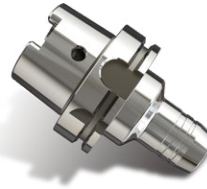


TAPER No.	MODEL No.	EDP No.	
40	SK40AD/B-HC6-80.5 G2.5	P2554017	
	SK40AD/B-HC6-110 G2.5	P2554016	
	SK40AD/B-HC8-80.5 G2.5	P2554025	
	SK40AD/B-HC10-80.5 G2.5	P2554004	
	SK40AD/B-HC10-110 G2.5	P2554009	
	SK40AD/B-HC12-80.5 G2.5	P2554011	
	SK40AD/B-HC12-110 G2.5	P2554010	
	SK40AD/B-HC16-80.5 G2.5	P2554013	
	SK40AD/B-HC16-110 G2.5	P2554012	
	SK40AD/B-HC20-80.5 G2.5	P2554015	
	SK40AD/B-HC20-110 G2.5	P2554014	
	SK40AD/B-HC25-80.5 G2.5	P2770103	
	50	SK50AD/B-HC10-80.5 G2.5	P2770106
		SK50AD/B-HC12-80.5 G2.5	P2770118
SK50AD/B-HC16-80.5 G2.5		P2770108	
SK50AD/B-HC20-80.5 G2.5		P2770119	

HYDRAULIC CHUCK SLIM

HC

HSK FORM A & F - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-HC6-70 G2.5	P2567001
	HSK63A-HC8-70 G2.5	P2567002
	HSK63A-HC10-80 G2.5	P2567003
	HSK63A-HC12-85 G2.5	P2567004
	HSK63A-HC14-85 G2.5	P2567005
	HSK63A-HC16-90 G2.5	P2567006
	HSK63A-HC18-90 G2.5	P2567007
	HSK63A-HC20-90 G2.5	P2567008
	HSK63A-HC25-120 G2.5	P2567009
	63F	HSK63F-HC20-85 G2.5
100A	HSK100A-HC20-105 G2.5	P2757010
	HSK100A-HC32-110 G2.5	P2757020

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40AD/B-HC6-90 G2.5	P2554003
	BT40AD/B-HC8-90 G2.5	P2554021
	BT40AD/B-HC10-90 G2.5	P2554005
	BT40AD/B-HC12-90 G2.5	P2554002
	BT40AD/B-HC16-90 G2.5	P2554006
	BT40AD/B-HC20-90 G2.5	P2554007
	BT40AD/B-HC25-100 G2.5	P2770641
	BT40AD/B-HC32-105 G2.5	P2770612

CBT (BT DUAL CONTACT)



TAPER No.	MODEL No.	EDP No.
40	CBT40-HC12-90 G2.5	P2770501
	CBT40-HC20-90 G2.5	P2770502

HYDRAULIC CHUCK RADIAL TOOL LENGTH PRE-SETTING TYPE

HCR

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40AD/B-HCR12-80.5 G2.5	P2554018
	SK40AD/B-HCR20-80.5 G2.5	P2554019

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-HCR12-90 G2.5	P2567011
	HSK63A-HCR20-100 G2.5	P2567012
	HSK63A-HCR6-80 G2.5	P2770205
100A	HSK100A-HCR32-120 G2.5	P2770231

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40AD/B-HCR20-90 G2.5	P2554008

HYDRAULIC CHUCK For MOULD & DIE

HMC

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40AD/B-HMC6-120 G2.5	P2770701
	SK40AD/B-HMC6-150 G2.5	P2770702
	SK40AD/B-HMC8-120 G2.5	P2770703
	SK40AD/B-HMC8-150 G2.5	P2770704
	SK40AD/B-HMC10-120 G2.5	P2770705
	SK40AD/B-HMC10-150 G2.5	P2770706
	SK40AD/B-HMC12-120 G2.5	P2770707
	SK40AD/B-HMC12-150 G2.5	P2770708
	SK40AD/B-HMC20-120 G2.5	P2770711
	SK40AD/B-HMC20-150 G2.5	P2770712

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-HMC6-145 G2.5	P2770801
	HSK63A-HMC8-145 G2.5	P2770802
	HSK63A-HMC10-145 G2.5	P2770803
	HSK63A-HMC12-145 G2.5	P2770804
	HSK63A-HMC20-145 G2.5	P2770806
100A	HSK100A-HMC12-150 G2.5	P2770809

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40AD/B10-HMC6-120 G2.5	P2770903
	BT40AD/B-HMC8-150 G2.5	P2770906
	BT40AD/B-HMC12-120 G2.5	P2770901
	BT40AD/B-HMC20-150 G2.5	P2770912

HYDRAULIC CHUCK SET

HCS



MODEL No.	COMPONENTS	EDP No.
HCSS40	SK40AD/B-HC20P-64.5	P2770971
	HK20-6.8.10.12.16 (5pcs)	
HCSH40	HSK63A-HC20P-80	P2770973
	HK20-6.8.10.12.16 (5pcs)	
HCSB40	BT40AD/B-HC20P-72.5	P2770972
	HK20-6.8.10.12.16 (5pcs)	

REDUCTION SLEEVE COOLANT FLUSH TYPE

HF



MODEL No.	EDP No.
HF12-3	P2771201
HF12-4	P2771202
HF12-5	P2771203
HF12-6	P2771204
HF12-7	P2771205
HF12-8	P2771206
HF20-3	P2771207
HF20-4	P2771208
HF20-5	P2771209
HF20-6	P2771210
HF20-7	P2771211
HF20-8	P2771212
HF20-9	P2771213
HF20-10	P2771214
HF20-11	P2771215
HF20-12	P2771216
HF20-13	P2771217
HF20-14	P2771218
HF20-15	P2771219
HF20-16	P2771220
HF32-6	P2771221
HF32-8	P2771222
HF32-10	P2771223
HF32-12	P2771224
HF32-14	P2771225
HF32-16	P2771226
HF32-18	P2771227
HF32-20	P2771228
HF32-25	P2771229

► Other special sizes of Hydraulic Chuck collets could be produced and supplied.

Chucking Method

Please assemble cutting tool with collet first, and then insert collet into Hydraulic Chuck.

REDUCTION SLEEVE OPEN TYPE
HK

REDUCTION SLEEVE CLOSED TYPE
HS


MODEL No.	EDP No.
HK12-3	P2569022
HK12-4	P2569023
HK12-5	P2569024
HK12-6	P2569025
HK12-8	P2569026
HK20-3	P2569001
HK20-4	P2569002
HK20-5	P2569003
HK20-6	P2569004
HK20-8	P2569005
HK20-10	P2569006
HK20-12	P2569007
HK20-13	P2771005
HK20-14	P2569008
HK20-16	P2569009
HK32-6	P2569010
HK32-8	P2569011
HK32-10	P2569012
HK32-12	P2569013
HK32-14	P2569014
HK32-16	P2569015
HK32-18	P2569016
HK32-20	P2569017
HK32-25	P2569018

► Other special sizes of Hydraulic Chuck collets could be produced and supplied.

MODEL No.	EDP No.
HS12-3	P2771101
HS12-4	P2771102
HS12-5	P2771103
HS12-6	P2771104
HS12-8	P2771106
HS20-10	P2771114
HS20-11	P2771115
HS20-12	P2771116
HS20-13	P2771117
HS20-3	P2771107
HS20-4	P2771108
HS20-5	P2771109
HS20-6	P2771110
HS20-7	P2771111
HS20-8	P2771112
HS20-9	P2771113
HS20-14	P2771118
HS20-15	P2771119
HS20-16	P2771120
HS20-17	P2771130
HS32-6	P2771121
HS32-8	P2771122
HS32-10	P2771123
HS32-12	P2771124
HS32-14	P2771125
HS32-16	P2771126
HS32-18	P2771127
HS32-20	P2771128
HS32-25	P2771129

► Other special sizes of Hydraulic Chuck collets could be produced and supplied.

Chucking Method

Please assemble cutting tool with collet first, and then insert collet into Hydraulic Chuck

SHRINK FIT HOLDER (COOLANT CHANNEL) SFH

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.	
40	SK40AD/B-SFH6C-160 G2.5	P2801302C	
	SK40AD/B-SFH6C-80 G2.5	P2801301C	
	SK40AD/B-SFH8C-160 G2.5	P2801304C	
	SK40AD/B-SFH8C-80 G2.5	P2801303C	
	SK40AD/B-SFH10C-160 G2.5	P2801306C	
	SK40AD/B-SFH10C-80 G2.5	P2801305C	
	SK40AD/B-SFH12C-160 G2.5	P2801308C	
	SK40AD/B-SFH12C-80 G2.5	P2801307C	
	SK40AD/B-SFH16C-160 G2.5	P2801312C	
	SK40AD/B-SFH16C-80 G2.5	P2801311C	
	SK40AD/B-SFH20C-160 G2.5	P2801316C	
	SK40AD/B-SFH20C-80 G2.5	P2801315C	
	SK40AD/B-SFH25C-160 G2.5	P2801318C	
	SK40AD/B-SFH25C-90 G2.5	P2801317C	
	50	SK50AD/B-SFH6C-160 G2.5	P2801320C
		SK50AD/B-SFH6C-80 G2.5	P2801319C
SK50AD/B-SFH8C-160 G2.5		P2801322C	
SK50AD/B-SFH8C-80 G2.5		P2801321C	
SK50AD/B-SFH10C-160 G2.5		P2801324C	
SK50AD/B-SFH10C-80 G2.5		P2801323C	
SK50AD/B-SFH12C-160 G2.5		P2801326C	
SK50AD/B-SFH12C-80 G2.5		P2801325C	
SK50AD/B-SFH16C-160 G2.5		P2801330C	
SK50AD/B-SFH16C-80 G2.5		P2801329C	
SK50AD/B-SFH20C-160 G2.5		P2801334C	
SK50AD/B-SFH20C-80 G2.5		P2801333C	
SK50AD/B-SFH25C-160 G2.5		P2801336C	
SK50AD/B-SFH25C-90 G2.5		P2801335C	

SHRINK FIT HOLDER (COOLANT CHANNEL) SFH

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.	
63A	HSK63A-SFH6C-160 G2.5	P2862014C	
	HSK63A-SFH6C-80 G2.5	P2862013C	
	HSK63A-SFH8C-160 G2.5	P2862016C	
	HSK63A-SFH8C-80 G2.5	P2862015C	
	HSK63A-SFH10C-160 G2.5	P2862018C	
	HSK63A-SFH10C-85 G2.5	P2862017C	
	HSK63A-SFH12C-160 G2.5	P2862020C	
	HSK63A-SFH12C-90 G2.5	P2862019C	
	HSK63A-SFH16C-160 G2.5	P2862024C	
	HSK63A-SFH16C-95 G2.5	P2862023C	
	HSK63A-SFH20C-100 G2.5	P2862027C	
	HSK63A-SFH20C-160 G2.5	P2862028C	
	HSK63A-SFH25C-115 G2.5	P2862029C	
	HSK63A-SFH25C-160 G2.5	P2862030C	
	100A	HSK100A-SFH6C-160 G2.5	P2862032C
		HSK100A-SFH6C-85 G2.5	P2862031C
HSK100A-SFH8C-160 G2.5		P2862034C	
HSK100A-SFH8C-85 G2.5		P2862033C	
HSK100A-SFH10C-90 G2.5		P2862035C	
HSK100A-SFH12C-160 G2.5		P2862038C	
HSK100A-SFH12C-95 G2.5		P2862037C	
HSK100A-SFH16C-100 G2.5		P2862041C	
HSK100A-SFH16C-160 G2.5		P2862042C	
HSK100A-SFH20C-100 G2.5		P2862045C	
HSK100A-SFH20C-160 G2.5		P2862046C	
HSK100A-SFH25C-115 G2.5		P2862047C	
HSK100A-SFH25C-160 G2.5	P2862048C		

SHRINK FIT HOLDER (COOLANT CHANNEL) SFH
BT - JIS B6339/MAS 403


TAPER No.	MODEL No.	EDP No.
40	BT40AD/B-SFH6C-160 G2.5	P2862086C
	BT40AD/B-SFH6C-90 G2.5	P2862085C
	BT40AD/B-SFH8C-160 G2.5	P2862088C
	BT40AD/B-SFH8C-90 G2.5	P2862087C
	BT40AD/B-SFH10C-160 G2.5	P2862090C
	BT40AD/B-SFH10C-90 G2.5	P2862089C
	BT40AD/B-SFH12C-160 G2.5	P2862092C
	BT40AD/B-SFH12C-90 G2.5	P2862091C
	BT40AD/B-SFH14C-160 G2.5	P2862094C
	BT40AD/B-SFH14C-90 G2.5	P2862093C
	BT40AD/B-SFH16C-160 G2.5	P2862096C
	BT40AD/B-SFH16C-90 G2.5	P2862095C
	BT40AD/B-SFH18C-90 G2.5	P2862097C
	BT40AD/B-SFH20C-160 G2.5	P2862100C
	BT40AD/B-SFH20C-90 G2.5	P2862099C
	BT40AD/B-SFH25C-100 G2.5	P2862101C
	BT40AD/B-SFH25C-160 G2.5	P2862102C
	50	BT50AD/B-SFH6C-100 G2.5
BT50AD/B-SFH6C-160 G2.5		P2862104C
BT50AD/B-SFH8C-100 G2.5		P2862105C
BT50AD/B-SFH8C-160 G2.5		P2862106C
BT50AD/B-SFH10C-100 G2.5		P2862107C
BT50AD/B-SFH10C-160 G2.5		P2862108C
BT50AD/B-SFH12C-100 G2.5		P2862109C
BT50AD/B-SFH12C-160 G2.5		P2862110C
BT50AD/B-SFH16C-100 G2.5		P2862113C
BT50AD/B-SFH16C-160 G2.5	P2862114C	

SHRINK FIT HOLDER SFH
SK - DIN 69871


TAPER No.	MODEL No.	EDP No.	
40	SK40AD/B-SFH10-120 G2.5	P2554051	
	SK40AD/B-SFH10-160 G2.5	P2771306	
	SK40AD/B-SFH10-80 G2.5	P2554052	
	SK40AD/B-SFH12-160 G2.5	P2771307	
	SK40AD/B-SFH12-80 G2.5	P2600008	
	SK40AD/B-SFH16-160 G2.5	P2554053	
	SK40AD/B-SFH16-80 G2.5	P2554054	
	SK40AD/B-SFH18-80 G2.5	P2771321	
	SK40AD/B-SFH20-160 G2.5	P2554055	
	SK40AD/B-SFH20-80 G2.5	P2554056	
	SK40AD/B-SFH25-160 G2.5	P2771324	
	SK40AD/B-SFH25-90 G2.5	P2771323	
	SK40AD/B-SFH3-80 G2.5	P2771301	
	SK40AD/B-SFH4-80 G2.5	P2771302	
	SK40AD/B-SFH5-80 G2.5	P2771303	
	SK40AD/B-SFH6-120	P2554057	
	SK40AD/B-SFH6-160 G2.5	P2771304	
	SK40AD/B-SFH6-80 G2.5	P2554058	
	SK40AD/B-SFH8-160 G2.5	P2771305	
	SK40AD/B-SFH8-80 G2.5	P2600009	
	50	SK50AD/B-SFH10-80 G2.5	P2761010
		SK50AD/B-SFH12-160 G2.5	P2762015
		SK50AD/B-SFH12-80 G2.5	P2762010
		SK50AD/B-SFH16-160 G2.5	P2764015
		SK50AD/B-SFH16-80 G2.5	P2764010
		SK50AD/B-SFH5-80 G2.5	P2771327
		SK50AD/B-SFH6-80 G2.5	P2771328
SK50AD/B-SFH8-160 G2.5		P2760015	
SK50AD/B-SFH8-80 G2.5		P2760010	

► Without balancing screw.

SHRINK FIT HOLDER

SFH

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-SFH3-80 G2.5	P2771401
	HSK63A-SFH4-80 G2.5	P2771402
	HSK63A-SFH6-120 G2.5	P2565056
	HSK63A-SFH6-160 G2.5	P2771404
	HSK63A-SFH6-80 G2.5	P2565057
	HSK63A-SFH8-160 G2.5	P2771405
	HSK63A-SFH8-80 G2.5	P2600007
	HSK63A-SFH10-120 G2.5	P2565051
	HSK63A-SFH10-160 G2.5	P2771406
	HSK63A-SFH10-85 G2.5	P2565052
	HSK63A-SFH12-120 G2.5	P2771486
	HSK63A-SFH12-160 G2.5	P2771407
	HSK63A-SFH14-90 G2.5	P2771454
	HSK63A-SFH12-90 G2.5	P2600003
	HSK63A-SFH16-160 G2.5	P2565053
	HSK63A-SFH16-95 G2.5	P2565054
	HSK63A-SFH20-100 G2.5	P2600005
	HSK63A-SFH20-160 G2.5	P2565055
	HSK63A-SFH25-115 G2.5	P2771458
	HSK63A-SFH25-160 G2.5	P2771459
100A	HSK100A-SFH4-85 G2.5	P2771470
	HSK100A-SFH6-160 G2.5	P2771472
	HSK100A-SFH6-85 G2.5	P2777301
	HSK100A-SFH8-160 G2.5	P2771473
	HSK100A-SFH8-85 G2.5	P2777302
	HSK100A-SFH10-90 G2.5	P2777303
	HSK100A-SFH12-160 G2.5	P2771475
	HSK100A-SFH12-95 G2.5	P2777304
	HSK100A-SFH16-100 G2.5	P2771478
	HSK100A-SFH16-160 G2.5	P2771479
	HSK100A-SFH20-100 G2.5	P2771482
	HSK100A-SFH20-160 G2.5	P2771483
	HSK100A-SFH25-115 G2.5	P2771484
	HSK100A-SFH25-160 G2.5	P2771485

▶ Without balancing screw.

SHRINK FIT HOLDER

SFH

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40AD/B-SFH10-160 G2.5	P2771606
	BT40AD/B-SFH10-90 G2.5	P2771605
	BT40AD/B-SFH12-160 G2.5	P2771608
	BT40AD/B-SFH12-90 G2.5	P2771607
	BT40AD/B-SFH14-160 G2.5	P2771612
	BT40AD/B-SFH14-90 G2.5	P2771611
	BT40AD/B-SFH16-160 G2.5	P2771610
	BT40AD/B-SFH16-90 G2.5	P2771609
	BT40AD/B-SFH18-90 G2.5	P2771613
	BT40AD/B-SFH20-160 G2.5	P2771616
	BT40AD/B-SFH20-90 G2.5	P2771615
	BT40AD/B-SFH25-100 G2.5	P2771617
	BT40AD/B-SFH25-160 G2.5	P2771618
	BT40AD/B-SFH3-90 G2.5	P2776712
	BT40AD/B-SFH4-90 G2.5	P2776713
	BT40AD/B-SFH5-90 G2.5	P2776714
	BT40AD/B-SFH6-160 G2.5	P2771602
	BT40AD/B-SFH6-90 G2.5	P2771601
	BT40AD/B-SFH8-160 G2.5	P2771604
	BT40AD/B-SFH8-90 G2.5	P2771603
50	BT50AD/B-SFH10-100 G2.5	P2771626
	BT50AD/B-SFH10-160 G2.5	P2771627
	BT50AD/B-SFH12-100 G2.5	P2771628
	BT50AD/B-SFH12-160 G2.5	P2771629
	BT50AD/B-SFH16-100 G2.5	P2771632
	BT50AD/B-SFH16-160 G2.5	P2771633
	BT50AD/B-SFH4-100 G2.5	P2771620
	BT50AD/B-SFH6-100 G2.5	P2771622
	BT50AD/B-SFH6-160 G2.5	P2771623
	BT50AD/B-SFH8-100 G2.5	P2771624
BT50AD/B-SFH8-160 G2.5	P2771625	

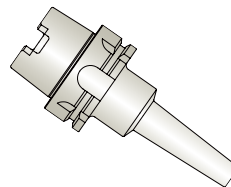
SHRINK FIT HOLDER
SFH
CBT (BT DUAL CONTACT)


TAPER No.	MODEL No.	EDP No.
30	CBT30-SFH4-80 G2.5	P2771563
	CBT30-SFH6-80 G2.5	P2771561
	CBT30-SFH8-80 G2.5	P2771554
	CBT30-SFH10-80 G2.5	P2771510
	CBT30-SFH12-80 G2.5	P2771511
	CBT30-SFH14-80 G2.5	P2771512
	CBT30-SFH20-80 G2.5	P2771562

▶ Without balancing screw.

SHRINK FIT HOLDER EXTRA SLIM
SFHS
SK - DIN 69871


TAPER No.	MODEL No.	EDP No.
40	SK40AD/B-SFHS3-95 G2.5	P2771338S
	SK40AD/B-SFHS3-120 G2.5	P2771339S
	SK40AD/B-SFHS4-95 G2.5	P2771340S
	SK40AD/B-SFHS4-120 G2.5	P2771341S
	SK40AD/B-SFHS6-95 G2.5	P2771342S
	SK40AD/B-SFHS6-120 G2.5	P2771343S
	SK40AD/B-SFHS8-95 G2.5	P2771344S
	SK40AD/B-SFHS8-120 G2.5	P2771345S
	SK40AD/B-SFHS10-95 G2.5	P2771346S
	SK40AD/B-SFHS10-120 G2.5	P2771347S
	SK40AD/B-SFHS12-95 G2.5	P2771348S
	SK40AD/B-SFHS12-120 G2.5	P2771349S

HSK FORM A - ISO 12164-1/DIN 69893


TAPER No.	MODEL No.	EDP No.
63A	HSK63A-SFHS4-95 G2.5	P2779819S
	HSK63A-SFHS4-120 G2.5	P2779820S
	HSK63A-SFHS6-95 G2.5	P2779821S
	HSK63A-SFHS6-120 G2.5	P2779822S
	HSK63A-SFHS8-95 G2.5	P2779823S
	HSK63A-SFHS8-160 G2.5	P2779824S
	HSK63A-SFHS10-95 G2.5	P2779825S
	HSK63A-SFHS10-160 G2.5	P2779826S
	HSK63A-SFHS12-95 G2.5	P2779827S
	HSK63A-SFHS12-160 G2.5	P2779828S

SHRINK FIT HOLDER EXTRA SLIM

SFHS

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40AD/B-SFHS3-95 G2.5	P2779860S
	BT40AD/B-SFHS3-120 G2.5	P2779861S
	BT40AD/B-SFHS4-95 G2.5	P2779863S
	BT40AD/B-SFHS4-120 G2.5	P2779864S
	BT40AD/B-SFHS6-95 G2.5	P2779866S
	BT40AD/B-SFHS6-120 G2.5	P2779867S
	BT40AD/B-SFHS6-160 G2.5	P2779868S
	BT40AD/B-SFHS8-95 G2.5	P2779869S
	BT40AD/B-SFHS8-120 G2.5	P2779870S
	BT40AD/B-SFHS8-160 G2.5	P2779871S
	BT40AD/B-SFHS10-95 G2.5	P2779872S
	BT40AD/B-SFHS10-120 G2.5	P2779873S
	BT40AD/B-SFHS12-95 G2.5	P2779875S
	BT40AD/B-SFHS12-120 G2.5	P2779876S

SHRINK FIT HOLDER EXTENSION

SFH

ST - STRAIGHT



TAPER No.	MODEL No.	EDP No.
ST12	ST12-SFH6-160	P2767030
ST16	ST16-SFH8-120	P2771711
ST20	ST20-SFH3-160	P2767210
	ST20-SFH4-160	P2767215
	ST20-SFH5-160	P2771708
	ST20-SFH6-160	P2767220
	ST20-SFH8-160	P2767225
	ST20-SFH10-160	P2767230
	ST20-SFH12-160	P2767235

ER COLLET CHUCK

ER

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.	
40	SK40AD/B-ER11-70 G2.5	P2774812	
	SK40AD/B-ER11-100 G2.5	P2774826	
	SK40AD/B-ER16-70 G2.5	P2774801	
	SK40AD/B-ER16-100 G2.5	P2774804	
	SK40AD/B-ER16-160 G2.5	P2774828	
	SK40AD/B-ER20-70 G2.5	P2774813	
	SK40AD/B-ER20-100 G2.5	P2774820	
	SK40AD/B-ER25-70 G2.5	P2774802	
	SK40AD/B-ER25-100 G2.5	P2774805	
	SK40AD/B-ER32-70 G2.5	P2774803	
	SK40AD/B-ER32-100 G2.5	P2774806	
	SK40AD/B-ER40-80 G2.5	P2774814	
	50	SK50AD/B-ER16-70 G2.5	P2774815
		SK50AD/B-ER20-70 G2.5	P2774816
		SK50AD/B-ER20-100 G2.5	P2774822
SK50AD/B-ER25-70 G2.5		P2774817	
SK50AD/B-ER25-100 G2.5		P2774823	
SK50AD/B-ER32-70 G2.5		P2774818	
SK50AD/B-ER32-100 G2.5		P2774824	
SK50AD/B-ER40-80 G2.5	P2774819		

ER COLLET CHUCK
ER
SK - DIN 69871


TAPER No.	MODEL No.	EDP No.
40	SK40-ER11-70 G6.3	P2527006
	SK40-ER16-100 G6.3	P2527018
	SK40-ER16-160 G6.3	P2527029
	SK40-ER16-70 G6.3	P2776417
	SK40-ER20-100 G6.3	P2527019
	SK40-ER20-70 G6.3	P2776418
	SK40-ER25-100 G6.3	P2776429
	SK40-ER25-70 G6.3	P2776419
	SK40-ER32-100 G6.3	P2776430
	SK40-ER32-70 G6.3	P2776420
	SK40-ER40-100 G6.3	P2527036
	SK40-ER40-80 G6.3	P2527011
50	SK50-ER16-70 G6.3	P2527012
	SK50-ER25-100 G6.3	P2527024
	SK50-ER25-160 G6.3	P2527044
	SK50-ER25-70 G6.3	P2776424
	SK50-ER32-100 G6.3	P2527025
	SK50-ER32-160 G6.3	P2527046
SK50-ER32-70 G6.3	P2776425	

SK - DIN 69871


TAPER No.	MODEL No.	EDP No.
40	SK40AD/B-ER16-70 G6.3	P2537033
	SK40AD/B-ER16-100 G6.3	P2537017
	SK40AD/B-ER20-70 G6.3	P2537034
	SK40AD/B-ER20-100 G6.3	P2537018
	SK40AD/B-ER25-70 G6.3	P2537009
	SK40AD/B-ER25-100 G6.3	P2537019
	SK40AD/B-ER32-70 G6.3	P2537032
	SK40AD/B-ER32-100 G6.3	P2537020
	SK40AD/B-ER40-80 G6.3	P2537011
	SK50AD/B-ER25-70 G6.3	P2600030
50	SK50AD/B-ER25-100 G6.3	P2537023
	SK50AD/B-ER32-70 G6.3	P2537035
	SK50AD/B-ER32-100 G6.3	P2537024

ER COLLET CHUCK
ER
HSK FORM A - ISO 12164-1/DIN 69893


TAPER No.	MODEL No.	EDP No.
50A	HSK50A-ER32-100 G2.5	P2774941
63A	HSK63A-ER16-100 G2.5	P2774901
	HSK63A-ER20-100 G2.5	P2774942
	HSK63A-ER25-100 G2.5	P2774902
	HSK63A-ER32-100 G2.5	P2774903
100A	HSK63A-ER40-120 G2.5	P2774904
	HSK100A-ER16-100 G2.5	P2774905
	HSK100A-ER20-100 G2.5	P2774946
	HSK100A-ER25-100 G2.5	P2774906
	HSK100A-ER32-100 G2.5	P2774907
HSK100A-ER40-120 G2.5	P2774947	

HSK FORM A - ISO 12164-1/DIN 69893


TAPER No.	MODEL No.	EDP No.
63A	HSK63A-ER16-100 G6.3	P2564001
	HSK63A-ER25-100 G6.3	P2564002
	HSK63A-ER32-100 G6.3	P2564003
	HSK63A-ER40-120 G6.3	P2564004
80A	HSK80A-ER32-100 G6.3	P2771934
100A	HSK100A-ER25-100 G6.3	P2564012
	HSK100A-ER32-100 G6.3	P2564013

ER COLLET CHUCK

ER

HSK FORM E - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
32E	HSK32E-ER16-60 G6.3	P2771919

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
30	BT30-ER25-70 G2.5	P2776509A
	BT30-ER32-60 G2.5	P2776511A
40	BT40AD/B-ER11-100 G2.5	P2776514
	BT40AD/B-ER11-75 G2.5	P2776513
	BT40AD/B-ER16-75 G2.5	P2776504
	BT40AD/B-ER16-100 G2.5	P2553021
	BT40AD/B-ER16-120 G2.5	P2776515
	BT40AD/B-ER20-75 G2.5	P2776516
	BT40AD/B-ER20-100 G2.5	P2553017
	BT40AD/B-ER25-75 G2.5	P2600012
	BT40AD/B-ER25-100 G2.5	P2553018
	BT40AD/B-ER25-150 G2.5	P2776519
	BT40AD/B-ER32-60 G2.5	P2553501
	BT40AD/B-ER32-100 G2.5	P2776505
50	BT40AD/B-ER40-80 G2.5	P2553004
	BT50AD/B-ER16-100 G2.5	P2776522
	BT50AD/B-ER20-100 G2.5	P2776525
	BT50AD/B-ER25-100 G2.5	P2776528
	BT50AD/B-ER32-100 G2.5	P2600026

ER COLLET CHUCK

ER

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
30	BT30-ER16-100 G6.3	P2772110
	BT30-ER20-100 G6.3	P2772112
	BT30-ER20-80 G6.3	P2772111
	BT30-ER32-60 G6.3	P2772144
	BT30-ER32-90 G6.3	P2772115
40	BT40-ER11-75 G6.3	P2772116
	BT40-ER16-100 G6.3	P2772118
	BT40-ER16-120 G6.3	P2772119
	BT40-ER16-75 G6.3	P2772101
	BT40-ER20-100 G6.3	P2772120
	BT40-ER20-75 G6.3	P2772102
	BT40-ER25-100 G6.3	P2772122
	BT40-ER25-135 G6.3	P2772123
	BT40-ER25-150 G6.3	P2772124
	BT40-ER25-75 G6.3	P2772103
	BT40-ER32-60 G6.3	P2772104
	BT40-ER32-100 G6.3	P2772125
	BT40-ER32-120 G6.3	P2772105
	BT40-ER32-150 G6.3	P2772126
	BT40-ER40-80 G6.3	P2772127

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
50	BT50-ER16-100 G6.3	P2772128
	BT50-ER16-165 G6.3	P2772130
	BT50-ER20-135 G6.3	P2772132
	BT50-ER25-100 G6.3	P2772134
	BT50-ER25-165 G6.3	P2772136
	BT50-ER32-100 G6.3	P2772137
	BT50-ER32-165 G6.3	P2772139
	BT50-ER40-100 G6.3	P2772140
	BT50-ER40-150 G6.3	P2772141

ER COLLET CHUCK
ER
BT - JIS B6339/MAS 403


TAPER No.	MODEL No.	EDP No.
40	BT40AD/B-ER32-100 G6.3	P2776564

CBT (BT DUAL CONTACT)


TAPER No.	MODEL No.	EDP No.
40	CBT40-ER25-75 G2.5	P2772011
	CBT40-ER25-100 G2.5	P2772002
	CBT40-ER32-60 G2.5	P2772014
	CBT40-ER32-100 G2.5	P2772003

K - STRAIGHT (SLIM TYPE)


TAPER No.	MODEL No.	EDP No.
K12	K12-ER8M-150	P2780002
	K12-ER8M-70	P2772205
K16	K16-ER11M-100	P2780006
	K16-ER11M-140	P2772206
K20	K20-ER20M-140	P2772208
K25	K25-ER16M-140	P2772209
	K25-ER20M-140	P2772210
	K25-ER25M-140	P2772211

EXTENSION ER COLLET CHUCK
ER
NC- for CNC LATHE


TAPER No.	MODEL No.	EDP No.
25	NC25-ER16	P2772311
	NC25-ER20	P2772301
	NC25-ER25	P2772302
32	NC32-ER20	P2772303
	NC32-ER25	P2772304
	NC32-ER32	P2772305
40	NC40-ER32	P2772306

ER COLLET - UF

UF



MODEL No.	EDP No.
ER8-1.0	P2506292
ER8-1.5	P2506293
ER8-2.0	P2506294
ER8-2.5	P2506295
ER8-3.0	P2506296
ER8-3.5	P2506297
ER8-4.0	P2506298
ER8-4.5	P2506299
ER8-5.0	P2506300
ER11-1.0	P2506311
ER11-1.5	P2506312
ER11-2.0	P2506313
ER11-2.5	P2506314
ER11-3.0	P2506315
ER11-3.5	P2506316
ER11-4.0	P2506317
ER11-4.5	P2506318
ER11-5.0	P2506319
ER11-5.5	P2506320
ER11-6.0	P2506321
ER11-6.5	P2506322
ER11-7.0	P2506323
ER16-1.0	P2506201
ER16-1.5	P2778506
ER16-2.0	P2506202
ER16-3.0	P2506203
ER16-4.0	P2506204
ER16-5.0	P2506205
ER16-6.0	P2506206
ER16-7.0	P2506207
ER16-8.0	P2506208
ER16-9.0	P2506209
ER16-10.0	P2506210
ER20-1.0	P2506344
ER20-1.5	P2506345
ER20-2.0	P2506332
ER20-2.5	P2506346
ER20-3.0	P2506333
ER20-4.0	P2506334
ER20-5.0	P2506335
ER20-6.0	P2506336
ER20-7.0	P2506337
ER20-8.0	P2506338
ER20-9.0	P2506339

ER COLLET - UF

UF



MODEL No.	EDP No.
ER20-10.0	P2506340
ER20-11.0	P2506341
ER20-12.0	P2506342
ER20-13.0	P2506343
ER25-1.0	P2506227
ER25-1.5	P2506228
ER25-2.0	P2506212
ER25-2.5	P2506229
ER25-3.0	P2506213
ER25-4.0	P2506214
ER25-5.0	P2506215
ER25-6.0	P2506216
ER25-7.0	P2506217
ER25-8.0	P2506218
ER25-9.0	P2506219
ER25-10.0	P2506220
ER25-11.0	P2506221
ER25-12.0	P2506222
ER25-13.0	P2506223
ER25-14.0	P2506224
ER25-15.0	P2506225
ER25-16.0	P2506226
ER32-2.0	P2506251
ER32-2.5	P2506252
ER32-3.0	P2506233
ER32-4.0	P2506234
ER32-5.0	P2506235
ER32-6.0	P2506236
ER32-7.0	P2506237
ER32-8.0	P2506238
ER32-9.0	P2506239
ER32-10.0	P2506240
ER32-11.0	P2506241
ER32-12.0	P2506242
ER32-13.0	P2506243
ER32-14.0	P2506244
ER32-15.0	P2506245
ER32-16.0	P2506246
ER32-17.0	P2506247
ER32-18.0	P2506248
ER32-19.0	P2506249
ER32-20.0	P2506250
ER40-3.0	P2506287
ER40-4.0	P2506264

ER COLLET - UF
UF

ER COLLET HIGH PRECISION
ERHP

* T.I.R : $\leq 0.010\text{mm}$ at 3D (I.D. 1.0 ~ 10.0mm)
 * T.I.R : $\leq 0.015\text{mm}$ at 3D (I.D. >10.0mm)



MODEL No.	EDP No.
ER40-5.0	P2506265
ER40-6.0	P2506266
ER40-7.0	P2506267
ER40-8.0	P2506268
ER40-9.0	P2506269
ER40-10.0	P2506270
ER40-11.0	P2506271
ER40-12.0	P2506272
ER40-13.0	P2506273
ER40-14.0	P2506274
ER40-15.0	P2506275
ER40-16.0	P2506276
ER40-17.0	P2506277
ER40-18.0	P2506278
ER40-19.0	P2506279
ER40-20.0	P2506280
ER40-21.0	P2506281
ER40-22.0	P2506282
ER40-23.0	P2506283
ER40-24.0	P2506284
ER40-25.0	P2506285
ER40-26.0	P2506286
ER40-27.0	P2506288
ER40-28.0	P2506289
ER40-29.0	P2506290
ER40-30.0	P2506291
ER8SET	P2506301
Φ1.0 ~ 5.0mm (9pcs)	
ER11SET	P2506302
Φ1.0 ~ 7.0mm (13pcs)	
ER16SET	P2506303
Φ1.0 ~ 10.0mm (10pcs)	
ER20SET	P2506304
Φ2.0 ~ 13.0mm (12pcs)	
ER25SET	P2506305
Φ2.0 ~ 16.0mm (15pcs)	
ER32SET	P2506306
Φ3.0 ~ 20.0mm (18pcs)	
ER40SET	P2506307
Φ4.0 ~ 26.0mm (23pcs)	

MODEL No.	EDP No.
ER8-1.0MM HP	P2506292H
ER8-1.5MM HP	P2506293H
ER8-2.0MM HP	P2506294H
ER8-2.5MM HP	P2506295H
ER8-3.0MM HP	P2506296H
ER8-3.5MM HP	P2506297H
ER8-4.0MM HP	P2506298H
ER8-4.5MM HP	P2506299H
ER8-5.0MM HP	P2506300H
ER16-1.0MM HP	P2506201H
ER16-2.0MM HP	P2506202H
ER16-3.0MM HP	P2506203H
ER16-4.0MM HP	P2506204H
ER16-5.0MM HP	P2506205H
ER16-6.0MM HP	P2506206H
ER16-7.0MM HP	P2506207H
ER16-8.0MM HP	P2506208H
ER16-9.0MM HP	P2506209H
ER16-10.0MM HP	P2506210H
ER25-2.0MM HP	P2506212H
ER25-3.0MM HP	P2506213H
ER25-4.0MM HP	P2506214H
ER25-5.0MM HP	P2506215H
ER25-6.0MM HP	P2506216H
ER25-7.0MM HP	P2506217H
ER25-8.0MM HP	P2506218H
ER25-9.0MM HP	P2506219H
ER25-10.0MM HP	P2506220H
ER25-11.0MM HP	P2506221H
ER25-12.0MM HP	P2506222H
ER25-13.0MM HP	P2506223H
ER25-14.0MM HP	P2506224H
ER25-15.0MM HP	P2506225H
ER25-16.0MM HP	P2506226H
ER32-3.0MM HP	P2506233H
ER32-4.0MM HP	P2506234H
ER32-5.0MM HP	P2506235H
ER32-6.0MM HP	P2506236H

ER COLLET HIGH PRECISION

ERHP

* T.I.R : $\leq 0.010\text{mm}$ at 3D (I.D. 1.0 ~ 10.0mm)

* T.I.R : $\leq 0.015\text{mm}$ at 3D (I.D. >10.0mm)



MODEL No.	EDP No.
ER32-7.0MM HP	P2506237H
ER32-8.0MM HP	P2506238H
ER32-9.0MM HP	P2506239H
ER32-10.0MM HP	P2506240H
ER32-11.0MM HP	P2506241H
ER32-12.0MM HP	P2506242H
ER32-13.0MM HP	P2506243H
ER32-14.0MM HP	P2506244H
ER32-15.0MM HP	P2506245H
ER32-16.0MM HP	P2506246H
ER32-17.0MM HP	P2506247H
ER32-18.0MM HP	P2506248H
ER32-19.0MM HP	P2506249H
ER32-20.0MM HP	P2506250H
ER8HP SET	P2506301H
Φ1.0 ~ 5.0mm (9pcs)	
ER16HP SET	P2506303H
Φ1.0 ~ 10.0mm (10pcs)	
ER25HP SET	P2506305H
Φ2.0 ~ 16.0mm (15pcs)	
ER32HP SET	P2506306H
Φ3.0 ~ 20.0mm (18pcs)	

ER COLLET GER HIGH PRECISION

GER

* T.I.R : $\leq 0.005\text{mm}$ at 3D



MODEL No.	EDP No.
GER11-3.0 *	P2772405
GER16-3.0 *	P2772416
GER16-4.0 *	P2772417
GER16-5.0 *	P2772418
GER16-6.0 *	P2772419
GER16-7.0 *	P2772420
GER16-8.0 *	P2772421
GER16-9.0 *	P2772422
GER16-10.0 *	P2772423
GER20-3.0 *	P2772427
GER20-4.0 *	P2772428
GER20-5.0 *	P2772429
GER20-6.0 *	P2772430
GER20-7.0 *	P2772431
GER20-8.0 *	P2772432
GER20-10.0 *	P2772434
GER20-12.0 *	P2772436
GER25-1.0 *	P2772456
GER25-2.0 *	P2772441
GER25-2.5	P2772458
GER25-3.0 *	P2772442
GER25-4.0 *	P2772443
GER25-5.0 *	P2772444
GER25-6.0 *	P2772445
GER25-7.0 *	P2772446
GER25-8.0 *	P2772447
GER25-9.0 *	P2772448
GER25-10.0 *	P2772449
GER25-11.0 *	P2772450
GER25-12.0 *	P2772451
GER25-13.0 *	P2772452
GER25-14.0 *	P2772453
GER25-16.0 *	P2772455
GER32-3.0 *	P2772459
GER32-6.0 *	P2772462
GER32-9.0 *	P2772465

* These items will be supplied with special price until stock available

ER COLLET GER HIGH PRECISION
GER

* T.I.R : ≤0.005mm at 3D



MODEL No.	EDP No.
GER32-10.0 *	P2772466
GER32-11.0 *	P2772467
GER32-12.0 *	P2772468
GER32-13.0 *	P2772469
GER32-14.0 *	P2772470
GER32-15.0 *	P2772471
GER32-16.0 *	P2772472
GER32-18.0 *	P2772474

* These items will be supplied with special price until stock available

TAP ER COLLET DIN
RDTC

Tap ER Collet conforms to DIN Standard



MODEL No.	EDP No.
RD16TC-6.0X4.9	P2772512D
RD16TC-7.0X5.5	P2772513D
RD20TC-3.5X2.7	P2772514D
RD20TC-4.0X3.0	P2772515D
RD20TC-4.5X3.4	P2772516D
RD20TC-6.0X4.9	P2772519D
RD20TC-7.0X5.5	P2772520D
RD20TC-8.0X6.2	P2772521D
RD20TC-9.0X7.0	P2772522D
RD20TC-10.0X8.0	P2772523D
RD25TC-3.5X2.7	P2772524D
RD25TC-4.0X3.0	P2772525D
RD25TC-4.5X3.4	P2772526D
RD25TC-5.0X4.0	P2772527D
RD25TC-5.5X4.3	P2772528D
RD25TC-6.0X4.9	P2772529D
RD25TC-7.0X5.5	P2772530D
RD25TC-8.0X6.2	P2772531D
RD25TC-9.0X7.0	P2772532D
RD25TC-10.0X8.0	P2772533D
RD25TC-11.0X9.0	P2772534D
RD25TC-12.0X9.0	P2772535D
RD25TC-14.0X11.0	P2772536D
RD25TC-16.0X12.0	P2772537D
RD32TC-3.5X2.7	P2772538D
RD32TC-4.0X3.0	P2772539D
RD32TC-4.5X3.4	P2772540D
RD32TC-5.0X4.0	P2772541D
RD32TC-5.5X4.3	P2772542D
RD32TC-6.0X4.9	P2772543D
RD32TC-7.0X5.5	P2772544D
RD32TC-8.0X6.2	P2772545D
RD32TC-9.0X7.0	P2772546D
RD32TC-10.0X8.0	P2772547D
RD32TC-11.0X9.0	P2772548D
RD32TC-12.0X9.0	P2772549D
RD32TC-14.0X11.0	P2772550D
RD32TC-16.0X12.0	P2772551D
RD40TC-11.0X9.0	P2772562D
RD40TC-12.0X9.0	P2772563D
RD40TC-16.0X12.0	P2772565D
RD40TC-18.0X14.5	P2772566D
RD40TC-20.0X16.0	P2772567D

ER NUT

PART

DIN 6499/ISO 15488



■ SQ-ER (Standard)

MODEL No.	EDP No.
SQ-ER16	P2700001
SQ-ER20	P2700002



■ SQ-ER (Standard : Round)

MODEL No.	EDP No.
SQ-ER25	P2700003
SQ-ER32	P2700004
SQ-ER40	P2700005

ER SPANNER / WRENCH

SP

FOR ER NUT



FIG. 1



FIG. 2

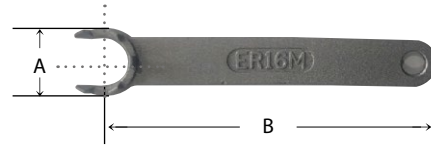
MODEL No.	EDP No.
ER16SP	P2772602
ER20SP	P2772603
ER25SP	P2772604
ER32SP	P2772605
ER40SP	P2772606

▶ Design and shape could be changed without prior notice.

ER SPANNER / WRENCH

SP

FOR ER Mini NUT



MODEL No.	EDP No.
GE16M	P2772610

END MILL HOLDER

EMH

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40AD/B-EMH6-50 G2.5	P2779030
	SK40AD/B-EMH8-50 G2.5	P2779031
	SK40AD/B-EMH10-50 G2.5	P2779032
	SK40AD/B-EMH12-50 G2.5	P2779033
	SK40AD/B-EMH16-63 G2.5	P2779034
	SK40AD/B-EMH20-63 G2.5	P2779035
	SK40AD/B-EMH25-100 G2.5	P2779036
	SK40AD/B-EMH32-100 G2.5	P2779037
50	SK50AD/B-EMH6-63 G2.5	P2779038
	SK50AD/B-EMH8-63 G2.5	P2779039
	SK50AD/B-EMH10-63 G2.5	P2779040
	SK50AD/B-EMH12-63 G2.5	P2779041
	SK50AD/B-EMH16-63 G2.5	P2779042
	SK50AD/B-EMH20-63 G2.5	P2779043
	SK50AD/B-EMH25-80 G2.5	P2779044
	SK50AD/B-EMH32-100 G2.5	P2779045

▶ Holder for cutting tools with Whistle notch shank is available.

▶ Combi-style holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

END MILL HOLDER

EMH

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40-EMH10-50 G6.3	P2521011
	SK40-EMH12-50 G6.3	P2521012
	SK40-EMH16-63 G6.3	P2521013
	SK40-EMH20-63 G6.3	P2521014
	SK40-EMH25-100 G6.3	P2521015
	SK40-EMH32-100 G6.3	P2521016
	SK40-EMH6-50 G6.3	P2521009
	SK40-EMH8-50 G6.3	P2521010

- ▶ Holder for cutting tools with Whistle notch shank is available.
- ▶ Combi-style holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
50	SK50-EMH10-63 G6.3	P2521019
	SK50-EMH20-63 G6.3	P2521022
	SK50-EMH25-80 G6.3	P2521023
	SK50-EMH32-100 G6.3	P2521024

- ▶ Holder for cutting tools with Whistle notch shank is available.
- ▶ Combi-style holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

END MILL HOLDER

EMH

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.	
40	SK40AD/B-EMH6-50 G6.3	P2531009	
	SK40AD/B-EMH8-50 G6.3	P2531010	
	SK40AD/B-EMH10-50 G6.3	P2531011	
	SK40AD/B-EMH12-50 G6.3	P2531012	
	SK40AD/B-EMH16-63 G6.3	P2531013	
	SK40AD/B-EMH20-63 G6.3	P2531014	
	SK40AD/B-EMH25-100 G6.3	P2531015	
	SK40AD/B-EMH32-100 G6.3	P2531016	
	50	SK50AD/B-EMH10-63 G6.3	P2531019
		SK50AD/B-EMH12-63 G6.3	P2531020
		SK50AD/B-EMH16-63 G6.3	P2531021
		SK50AD/B-EMH20-63 G6.3	P2531022
SK50AD/B-EMH25-80 G6.3		P2531023	
SK50AD/B-EMH32-100 G6.3		P2531024	
	SK50AD/B-EMH40-100 G6.3	P2531025	

- ▶ Holder for cutting tools with Whistle notch shank is available.
- ▶ Combi-style holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-EMH6-65 G2.5	P2775501
	HSK63A-EMH8-65 G2.5	P2775502
	HSK63A-EMH10-65 G2.5	P2775503
	HSK63A-EMH12-80 G2.5	P2775504
	HSK63A-EMH16-80 G2.5	P2775506
	HSK63A-EMH20-80 G2.5	P2775508
	HSK63A-EMH25-110 G2.5	P2775509
	HSK63A-EMH32-110 G2.5	P2775510

- ▶ Holder for cutting tools with Whistle notch shank is available.
- ▶ Combi-style holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

END MILL HOLDER

EMH

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-EMH6-65 G6.3	P2563001
	HSK63A-EMH8-65 G6.3	P2563002
	HSK63A-EMH10-65 G6.3	P2563003
	HSK63A-EMH12-80 G6.3	P2563004
	HSK63A-EMH20-80 G6.3	P2563008
	HSK63A-EMH25-110 G6.3	P2563009
	HSK63A-EMH32-110 G6.3	P2563010
100A	HSK100A-EMH32-100 G6.3	P2563050
	HSK100A-EMH40-120 G6.3	P2563051

- ▶ Holder for cutting tools with Whistle notch shank is available.
- ▶ Combi-style holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

END MILL HOLDER

EMH

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.	
40	BT40-EMH6-50 G6.3	P2773061	
	BT40-EMH8-50 G6.3	P2773062	
	BT40-EMH10-63 G6.3	P2773063	
	BT40-EMH12-63 G6.3	P2773064	
	BT40-EMH16-63 G6.3	P2773066	
	BT40-EMH20-63 G6.3	P2773068	
	BT40-EMH25-90 G6.3	P2773069	
	BT40-EMH32-100 G6.3	P2773070	
	50	BT50-EMH20-80 G6.3	P2773078
		BT50-EMH25-100 G6.3	P2773079
BT50-EMH32-105 G6.3		P2773080	

- ▶ Holder for cutting tools with Whistle notch shank is available.
- ▶ Combi-style holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40AD/B-EMH10-63 G2.5	P2773033
	BT40AD/B-EMH12-63 G2.5	P2773034
	BT40AD/B-EMH16-63 G2.5	P2773036
	BT40AD/B-EMH20-63 G2.5	P2773038
	BT40AD/B-EMH25-90 G2.5	P2773039
	BT40AD/B-EMH32-100 G2.5	P2773040
	BT40AD/B-EMH6-50 G2.5	P2773031
	BT40AD/B-EMH8-50 G2.5	P2773032
50	BT50AD/B-EMH16-80 G2.5	P2773046
	BT50AD/B-EMH20-80 G2.5	P2773048
	BT50AD/B-EMH25-100 G2.5	P2773049
	BT50AD/B-EMH32-105 G2.5	P2773050

END MILL HOLDER SPRAY NOZZLE TYPE

EMH

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40AD/B-EMH10C-50 G2.5	P2779050
	SK40AD/B-EMH12C-50 G2.5	P2779051
	SK40AD/B-EMH16C-63 G2.5	P2779053
	SK40AD/B-EMH20C-63 G2.5	P2779055
	SK40AD/B-EMH25C-100 G2.5	P2779056
	SK40AD/B-EMH32C-100 G2.5	P2779057
	SK40AD/B-EMH6C-50 G2.5	P2779048
	SK40AD/B-EMH8C-50 G2.5	P2779049
50	SK50AD/B-EMH10C-63 G2.5	P2779060
	SK50AD/B-EMH12C-63 G2.5	P2779061
	SK50AD/B-EMH16C-63 G2.5	P2779063
	SK50AD/B-EMH25C-80 G2.5	P2779066
	SK50AD/B-EMH6C-63 G2.5	P2779058
	SK50AD/B-EMH8C-63 G2.5	P2779059

- ▶ Holder for cutting tools with Whistle notch shank is available.
- ▶ Combi-style holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40AD/B-EMH6C-50 G6.3	P2779001
	SK40AD/B-EMH10C-50 G6.3	P2779003
	SK40AD/B-EMH16C-63 G6.3	P2779006
	SK40AD/B-EMH32C-100 G6.3	P2779010

- ▶ Holder for cutting tools with Whistle notch shank is available.
- ▶ Combi-style holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

END MILL HOLDER SPRAY NOZZLE TYPE

EMH

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-EMH10C-65 G2.5	P2777203
	HSK63A-EMH12C-80 G2.5	P2777204
	HSK63A-EMH16C-80 G2.5	P2777205
	HSK63A-EMH20C-80 G2.5	P2777208
	HSK63A-EMH25C-110 G2.5	P2777209
	HSK63A-EMH32C-110 G2.5	P2777210
	HSK63A-EMH6C-65 G2.5	P2777201
	HSK63A-EMH8C-65 G2.5	P2777202

- ▶ Holder for cutting tools with Whistle notch shank is available.
- ▶ Combi-style holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40AD/B-EMH12C-63 G2.5	P2772994

SIDE LOCK ARBOR

SLA

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40-SLA16-90	P2780214

- ▶ Regarding Balancing Grade, please discuss separately.

SIDE LOCK ARBOR

SLA

CBT (BT DUAL CONTACT)



TAPER No.	MODEL No.	EDP No.
40	CBT40-SLA16-90	P2772931
	CBT40-SLA20-90	P2772901
	CBT40-SLA25-90	P2772902
	CBT40-SLA32-90	P2772903

- ▶ Standard design of side lock arbor is for cutting tools with straight shank having flat face.
- ▶ Regarding Balancing Grade, please discuss separately.

POWER MILLING CHUCK

C

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40-C20-90	P2526003
50	SK50-C32-90	P2526007

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40-C32-105	P2526010
	SK40-C32-135	P2526015
	SK40-C32-90	P2526004
50	SK50-C20-80	P2526005
	SK50-C25-105	P2526012
	SK50-C32-105	P2526013
	SK50-C32-165	P2526020

POWER MILLING CHUCK

C

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-C20-105	P2773152
	HSK63A-C32-130	P2600032

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40-C20-105	P2546004
	BT40-C20-80	P2546003
	BT40-C32-90	P2546006

HIGH SPEED POWER MILLING CHUCK

C

SK - DIN 69871



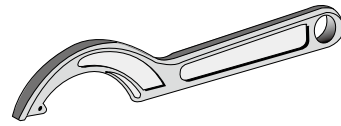
TAPER No.	MODEL No.	EDP No.
40	SK40-C20-105HS	P2526022
	SK40-C25-105HS	P2773001
	SK40-C32-105HS	P2526023
50	SK50-C32-105HS	P2773004

MILLING CHUCK SET
C


TAPER No.	MODEL No.	COMPONENTS	EDP No.
SK	SSK40-C32	SK40-C32-105	P2773301
		K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	
SK	SSK50-C32	SK50-C32-105	P2773302
		K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	
BT	SBT40-C32	BT40-C32-105	P2546022
		K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	

POWER MILLING CHUCK COLLET
K


MODEL No.	EDP No.
K20-D06	P2506401
K20-D08	P2506402
K20-D10	P2506403
K20-D12	P2506404
K20-D16	P2506405
K25-D06	P2506601
K25-D08	P2506602
K25-D10	P2506603
K25-D12	P2506604
K25-D16	P2506605
K25-D20	P2506606
K32-D08	P2506412
K32-D10	P2506413
K32-D12	P2506414
K32-D16	P2506415
K32-D20	P2506416
K32-D25	P2506417

SPANNER FOR MILLING CHUCK
SP


MODEL No.	EDP No.
C20SP	P2773401
C25SP	P2773402
C32SP	P2600033

SHELL MILL ARBOR (COOLANT CHANNEL)
SMA
SK - DIN 69871


TAPER No.	MODEL No.	EDP No.
40	SK40AD/B-SMA16C-120 G6.3	P2801015C
	SK40AD/B-SMA16C-60 G6.3	P2801004C
	SK40AD/B-SMA22C-120 G6.3	P2801016C
	SK40AD/B-SMA22C-60 G6.3	P2801005C
	SK40AD/B-SMA27C-120 G6.3	P2801017C
	SK40AD/B-SMA27C-60 G6.3	P2801006C
	SK40AD/B-SMA32C-120 G6.3	P2801018C
	SK40AD/B-SMA32C-60 G6.3	P2801007C
	SK40AD/B-SMA40C-60 G6.3	P2801008C
	SK50AD/B-SMA16C-120 G6.3	P2801019C
50	SK50AD/B-SMA16C-75 G6.3	P2801009C
	SK50AD/B-SMA22C-120 G6.3	P2801020C
	SK50AD/B-SMA22C-75 G6.3	P2801010C
	SK50AD/B-SMA27C-120 G6.3	P2801021C
	SK50AD/B-SMA27C-75 G6.3	P2801011C
	SK50AD/B-SMA32C-120 G6.3	P2801022C
	SK50AD/B-SMA32C-75 G6.3	P2801012C
	SK50AD/B-SMA40C-75 G6.3	P2801013C
	SK50AD/B-SMA50C-75 G6.3	P2801014C

SHELL MILL ARBOR (COOLANT CHANNEL) SMA

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-SMA16C-50 G6.3	P2566001C
	HSK63A-SMA22C-50 G6.3	P2566002C
	HSK63A-SMA27C-60 G6.3	P2566003C
	HSK63A-SMA32C-60 G6.3	P2566004C
	HSK63A-SMA40C-60 G6.3	P2566005C

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40AD/B-SMA16C-120 G6.3	P2801035C
	BT40AD/B-SMA16C-60 G6.3	P2801024C
	BT40AD/B-SMA22C-120 G6.3	P2801036C
	BT40AD/B-SMA22C-60 G6.3	P2801025C
	BT40AD/B-SMA27C-120 G6.3	P2801037C
	BT40AD/B-SMA27C-60 G6.3	P2801026C
	BT40AD/B-SMA32C-120 G6.3	P2801038C
	BT40AD/B-SMA32C-60 G6.3	P2801027C
50	BT50AD/B-SMA40C-60 G6.3	P2801028C
	BT50AD/B-SMA16C-75 G6.3	P2801029C
	BT50AD/B-SMA22C-75 G6.3	P2801030C
	BT50AD/B-SMA27C-120 G6.3	P2801041C
	BT50AD/B-SMA27C-75 G6.3	P2801031C
	BT50AD/B-SMA32C-75 G6.3	P2801032C

SHELL MILL ARBOR (COOLANT CHANNEL) SMA

CBT (BT DUAL CONTACT)



TAPER No.	MODEL No.	EDP No.
40	CBT40AD/B-SMA22C-60	P2801048C
	CBT40AD/B-SMA27C-60	P2801049C
	CBT40AD/B-SMA32C-60	P2801050C

SHELL MILL ARBOR SMA

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40-SMA16-120 G6.3 *	P2778915
	SK40-SMA16-60 G6.3 *	P2778904
	SK40-SMA22-120 G6.3 *	P2778916
	SK40-SMA22-60 G6.3 *	P2778905
	SK40-SMA27-120 G6.3 *	P2778917
	SK40-SMA27-60 G6.3 *	P2778906
	SK40-SMA32-120 G6.3 *	P2778918
	SK40-SMA32-60 G6.3 *	P2778907
	SK50-SMA16-120 G6.3 *	P2778919
	SK50-SMA16-75 G6.3 *	P2778909
50	SK50-SMA22-120 G6.3 *	P2778920
	SK50-SMA22-75 G6.3 *	P2778910
	SK50-SMA27-120 G6.3 *	P2778921
	SK50-SMA27-75 G6.3 *	P2778911
	SK50-SMA32-120 G6.3 *	P2778922
	SK50-SMA32-75 G6.3 *	P2778912
	SK50-SMA40-75 G6.3 *	P2778913

* These items will be supplied with special price until stock available

SHELL MILL ARBOR

SMA

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-SMA27-60 G6.3 *	P2566003
100A	HSK100A-SMA22-50 G6.3 *	P2566012

* These items will be supplied with special price until stock available

SHELL MILL ARBOR

SMA

CBT (BT DUAL CONTACT)



TAPER No.	MODEL No.	EDP No.
40	CBT40-SMA22-60 G2.5 *	P2778705
	CBT40-SMA27-60 G2.5 *	P2778706
	CBT40-SMA32-60 G2.5 *	P2778707

* These items will be supplied with special price until stock available

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40-SMA27-120 G6.3 *	P2778817
	BT40-SMA27-60 G6.3 *	P2778806
	BT40-SMA32-60 G6.3 *	P2778807
	BT40-SMA40-60 G6.3 *	P2778808
50	BT50-SMA16-75 G6.3 *	P2778809
	BT50-SMA22-75 G6.3 *	P2778810
	BT50-SMA27-120 G6.3 *	P2778821
	BT50-SMA27-75 G6.3 *	P2778811
	BT50-SMA32-75 G6.3 *	P2778812

* These items will be supplied with special price until stock available

COMBI-SHELL MILL ARBOR

CMA

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40-CMA16-55 G6.3	P2524004
	SK40-CMA16-100 G6.3	P2524015
	SK40-CMA22-100 G6.3	P2524016
	SK40-CMA22-55 G6.3	P2524005
	SK40-CMA27-55 G6.3	P2524006
	SK40-CMA32-60 G6.3	P2524007
50	SK50-CMA16-55 G6.3	P2524009
	SK50-CMA22-55 G6.3	P2524010
	SK50-CMA27-55 G6.3	P2524011
	SK50-CMA32-55 G6.3	P2524012

COMBI-SHELL MILL ARBOR

CMA

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40-CMA16-55 G6.3	P2544004
	BT40-CMA22-55 G6.3	P2544005
	BT40-CMA27-55 G6.3	P2544006
	BT40-CMA32-60 G6.3	P2544007

SYNCHRO TAPPING CHUCK ERTYPE

SYTER

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-SYTER16-90 *	P2773801
	HSK63A-SYTER20-94 *	P2773802
	HSK63A-SYTER27-105 *	P2773803

* These items will be supplied until stock available

- Feature :
- To compensate for synchronization errors to extend tap life and to improve thread quality
 - To compensate for pitch tolerances of taps
 - For machine with synchronized spindle

SYNCHRO TAPPING CHUCK ERTYPE

SYTER

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40AD/B-SYTER12-79	P2773701
	SK40AD/B-SYTER16-85	P2773702
	SK40AD/B-SYTER20-90	P2773703
	SK40AD/B-SYTER27-100	P2773704
	SK40AD/B-SYTER33-120	P2773705

- Feature :
- To compensate for synchronization errors to extend tap life and to improve thread quality
 - To compensate for pitch tolerances of taps
 - For machine with synchronized spindle

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40AD/B-SYTER12-79	P2776301
	BT40AD/B-SYTER16-85	P2776302
	BT40AD/B-SYTER20-90	P2776303
	BT40AD/B-SYTER27-100	P2776304
50	BT50AD/B-SYTER27-110	P2776309

- Feature :
- To compensate for synchronization errors to extend tap life and to improve thread quality
 - To compensate for pitch tolerances of taps
 - For machine with synchronized spindle

SYNCHRO TAPPING CHUCK ERTYPE **SYTER**

KW - STRAIGHT



MODEL No.	EDP No.
KW20-SYTER16	P2773901
KW25-SYTER16	P2773902
KW25-SYTER27	P2773903

- Feature :
- To compensate for synchronization errors to extend tap life and to improve thread quality
 - To compensate for pitch tolerances of taps
 - For machine with synchronized spindle

SYNCHRO TAPPING CHUCK QUICK CHANGE TYPE **SYTC**

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40-SYTC12-65	P2774201
50	SK50-SYTC12-65	P2774204

- Feature :
- To compensate for synchronization errors to extend tap life and to improve thread quality
 - To compensate for pitch tolerances of taps
 - For machine with synchronized spindle

TAPPING ER CHUCK **TER**

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40-TER16-100	P2774001
	SK40-TER32-130	P2774003

- Various size of ER Collet is adapted and minimize interference with workpiece

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40-TER16-100	P2774159
	BT40-TER32-110	P2774161

- Refer to Tapping Adapter conforming to DIN Standard

TAPPING CHUCK

TC

SK - DIN 69871



TAPER No.	MODEL No.	EDP No.
40	SK40-TC12-90	P2520001
	SK40-TC24-120	P2520002
	SK40-TC12-130	P2520006
50	SK50-TC12-130	P2520003
	SK50-TC24-142	P2520004
	SK50-TC38-175	P2520005

▶ Refer to Tapping Adapter conforming to DIN Standard

HSK FORM A - ISO 12164-1/DIN 69893



TAPER No.	MODEL No.	EDP No.
63A	HSK63A-TC12-120	P2774501
	HSK63A-TC24-142	P2774502
100A	HSK100A-TC24-142	P2774504

▶ Refer to Tapping Adapter conforming to DIN Standard

BT - JIS B6339/MAS 403



TAPER No.	MODEL No.	EDP No.
40	BT40-TC12-90	P2540011
	BT40-TC24-100	P2540002
50	BT50-TC24-142	P2540004
	BT50-TC38-175	P2540005

▶ Refer to Tapping Adapter conforming to DIN Standard

TAP ADAPTER DIN

TC

Tap ER Collet conforms to DIN Standard



TAPER No.	MODEL No.	EDP No.
TCS12D	TCS12 D-108	P2774610
	TCS12 D-2821	P2774601
	TCS12 D-3527	P2774602
	TCS12 D-4534	P2774603
	TCS12 D-649	P2774606
	TCS12 D-862	P2774608
	TCS12 D-97	P2774609
TCS24D	TCS24 D-108	P2774616
	TCS24 D-119	P2774617
	TCS24 D-129	P2774618
	TCS24 D-1411	P2774619
	TCS24 D-1612	P2774620
	TCS24 D-18145	P2774621
	TCS24 D-649	P2774612
	TCS24 D-755	P2774613
TCS38D	TCS24 D-862	P2774614
	TCS24 D-97	P2774615
	TCS38 D-1612	P2774625
	TCS38 D-18145	P2774626
	TCS38 D-2016	P2774627
	TCS38 D-2218	P2774628
	TCS38 D-2822	P2774630

NC DRILL CHUCK

NPU

K - STRAIGHT



TAPER No.	MODEL No.	EDP No.
32	K32-NPU13-100	P2775252

▶ Feature : Quick Change Type with Built-in Torque Safety Device
 ▶ For Pipe Type Tap, please discuss separately.

MORSE TAPER ARBOR
MTA
SK - DIN 69871


TAPER No.	MODEL No.	EDP No.
40	SK40-MTA1-50 G6.3	P2522004
	SK40-MTA2-50 G6.3	P2522005
	SK40-MTA3-70 G6.3	P2522006
	SK40-MTA4-95 G6.3	P2522007
50	SK50-MTA2-60 G6.3	P2522009
	SK50-MTA3-65 G6.3	P2522010
	SK50-MTA4-95 G6.3	P2522011
	SK50-MTA5-105 G6.3	P2522012

HSK FORM A - ISO 12164-1/DIN 69893


TAPER No.	MODEL No.	EDP No.
100A	HSK100A-MTA1-110 G6.3	P2565011

BT - JIS B6339/MAS 403


TAPER No.	MODEL No.	EDP No.
30	BT30-MTA2-60 G6.3	P2542002
40	BT40-MTA1-45 G6.3	P2542005
	BT40-MTA2-60 G6.3	P2542013
	BT40-MTA3-75 G6.3	P2542014
	BT40-MTA4-95 G6.3	P2542007
50	BT50-MTA1-120 G6.3	P2542017
	BT50-MTA3-150 G6.3	P2542022
	BT50-MTA3-45 G6.3	P2542021
	BT50-MTA4-105 G6.3	P2542024
	BT50-MTA4-180 G6.3	P2542025
	BT50-MTA4-75 G6.3	P2542023

PULL STUD BOLT
PSB


MODEL No.	EDP No.
PS-0	P2506706
PS-1	P2775051
PS-1H	P2506701
PS-2	P2775052
PS-2H	P2506702
PS-5	P2775053
PS-5H	P2506704
PS-6	P2775054
PSS-1	P2506707
PSS-1H	P2775096
PSS-5	P2506708
PSS-5H	P2775086
PS-806	P2775102
PS-G51	P2775060

COOLANT TUBE
CT


TAPER No.	EDP No.
63A	P2775081
100A	P2775082

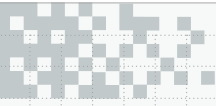
▶ Coolant Tube for HSK

MEMO



A large grid of small squares, typical of graph paper, covering the majority of the page. The grid is composed of light gray lines on a white background, forming a uniform pattern of small squares.

MEMO



A large grid of small squares, typical of graph paper, covering the majority of the page. The grid is composed of light gray lines forming a uniform pattern of squares.

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* For more information on sales network, please contact the head office as below;

HEAD OFFICE

13-40, Songdogwahak-ro 16beon-gil, Yeonsu-gu, Incheon 21984, South Korea
Phone: +82-32-526-0909 <https://www.yg1.kr> E-mail: yg1@yg1.kr

YG-1 CO., LTD.

HEAD OFFICE

13-40, Songdogwahak-ro 16beon-gil, Yeonsu-gu,
Incheon 21984, South Korea

Phone: +82-32-526-0909

<https://www.yg1.kr>

E-mail: yg1@yg1.kr

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