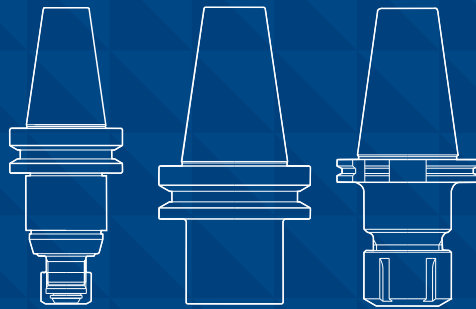


YE24
EUROPE

2024 / 2025



CUTTING TOOLS



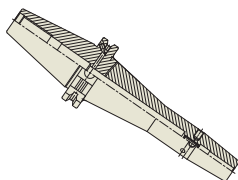
TOOLING SYSTEM

YG-1 CO., LTD.

HYDRAULIC CHUCK

Description	TOOL LENGTH PRE-SETTING TYPE	POWER E HYDRO	STANDARD
Page	SK : D12 CBT : D64 BT : D94 HSK : D154	SK : D13 CBT : D65 BT : D95 HSK : D155	SK : D14 / CBT : D66 - 67 BT : D96 - 97 HSK : D156 - 159 DIN 228-MTB : D238
			
ULTRA SHORT	SLIM	GRINDER	LONG & SLIM
SK : D15 BT : D98	SK : D16 CBT : D68 BT : D99 HSK : D160	SK : D17	HSK : D161
			

SHRINK FIT HOLDER

Description	EXTRA SLIM	STANDARD	COOLANT CHANNEL
Page	SK : D18 BT : D100 - 101 HSK : D162 - 163	SK : D19 - 21 / CBT : D69 - 71 BT : D102 - 104 HSK : D164 - 167, D172 ISO : D228	SK : D22 - 24 CBT : D72 - 74 BT : D105 - 107 HSK : D168 - 170
			
REINFORCED	CURVED	MQL1	EXTENSION
SK : D25 BT : D108 HSK : D171	SK : D26 BT : D109 HSK : D173 - 174	HSK : D175 - 176	STRAIGHT-ST : D214 - 215
			

Guide Line to Icons

Standard of Tools		Taper Accuracy	G Value		RPM		Run-Out	Coolant System	
DIN 69871-SK	DIN 69893-HSK		2.5G	6.3G	15,000 RPM	20,000 RPM			
JIS B6339-BT	CBT				25,000 RPM	30,000 RPM	$\leq 3\mu\text{m}$ (in 3D)		
Collet	Bolt	Spanner	Tap Adaptor	ER Nut	ER Spanner	Parts			
									

※ Product design and technical data in the contents are subject to change for improving quality or performance of products without prior notice.

ER COLLET CHUCK

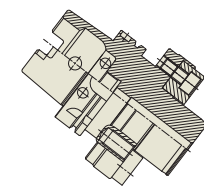
Description	STANDARD	SLIM
Page	SK : D27 - 32 / CBT : D75 - 76 BT : D110 - 114 / HSK : D177 - 181 STRAIGHT : D216 / DIN 228-MTA : D234 DIN 228-MTB : D239 / GOST : D241	SK : D33 - 34 / CBT : D77 BT : D115 - 116 / HSK : D182 - 185 STRAIGHT : D217 - 218 ISO : D229
		

TENSION ER CHUCK (For Tapping)	For CNC Lathe
STRAIGHT : D219	NC : D220
	

END MILL HOLDER & SIDE LOCK ARBOR

Description	SHORT	COOLANT CHANNEL
Page	SK : D35 BT : D117	SK : D37, D40 BT : D119, D122 HSK : D187, D189
		
	STANDARD	SIDE LOCK ARBOR
	SK : D36, D38, D39 CBT : D78 / BT : D118, D120, D121 HSK : D186, D188 GOST : D242	CBT : D79 BT : D123 - 124
		

SHELL MILL ARBOR

Description	STANDARD	COOLANT CHANNEL & SMALL FACE	COOLANT CHANNEL & LARGE FACE
Page	SK : D41 CBT : D80 / BT : D125 HSK : D190 GOST : D243	SK : D42 CBT : D81 BT : D126 HSK : D191	SK : D43 CBT : D82 BT : D127 HSK : D192
			
	FLANGE MOUNTING		COMBI-SHELL MILL ARBOR
	SK : D44 BT : D128 HSK : D193		SK : D45 / CBT : D83 BT : D129 / HSK : D194 ISO : D231
			

POWER MILLING CHUCK

Description	HIGH-SPEED	STANDARD
Page	SK : D46 CBT : D84 BT : D130 HSK : D195	SK : D47 / CBT : D85 BT : D131 / HSK : D196 DIN 228-MTA : D235 DIN 228-MTB : D240
		

MORSE TAPER ARBOR

Description	MORSE TAPER ARBOR
Page	SK : D48 BT : D132 - 133 HSK : D197 / NT : D232 GOST : D244
	

SK SLIM CHUCK

Description	SK SLIM CHUCK
Page	SK : D49 - 52 / CBT : D86 - 87 BT : D134 - 137 / HSK : D198 - 200 STRAIGHT-K : D221 ISO : D230
	

SYNCHRO
TAPPING CHUCK

Description	ER COLLET TYPE	QUICK CHANGE (ADAPTOR) TYPE
Page	SK : D53 BT : D138 HSK : D201 STRAIGHT-KW : D222	SK : D54 HSK : D202 STRAIGHT-KW : D223
		

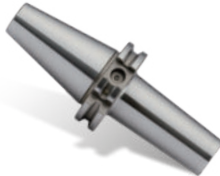
FACE MILL
ARBOR

Description	FMA	FMB	FMC
Page	CBT : D89 / BT : D142 HSK : D206 NT : D233 DIN 228-MTA : D237	CBT : D90 BT : D143	CBT : D91 BT : D144 HSK : D207
			

ONE STEP
TAPPING CHUCK

Description	ONE STEP TAPPING CHUCK
Page	SK : D55 BT : D139 HSK : D203 STRAIGHT-KW : D224
	

COPY MILL ARBOR &
INDEXABLE DRILL HOLDER

Description	COPY MILL ARBOR	INDEXABLE DRILL HOLDER
Page	SK : D58 BT : D145 HSK : D208	SK : D59 BT : D146 HSK : D209
		

TAPPING
CHUCK

Description	ER COLLET TYPE	TAP ADAPTOR TYPE
Page	SK : D56 CBT : D88 BT : D140 HSK : D204	SK : D57 / BT : D141 HSK : D205 STRAIGHT-K : D225 DIN 228-MTA : D236
		

NC DRILL
CHUCK

Description	KEYLESS TYPE	HEX. KEY TYPE
Page	SK : D60 / CBT : D92 BT : D147 HSK : D210 STRAIGHT-K : D226	SK : D61 BT : D148 HSK : D211
		

OTHER
TOOLS

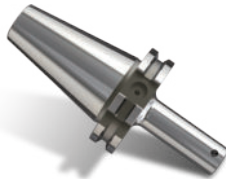
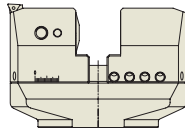
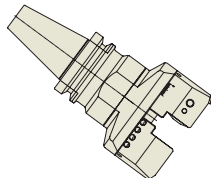
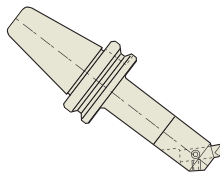
Description	SIDE CUTTER ARBOR	JACOBS TAPER ARBOR
Page	BT : D149	BT : D150
		
	BLANK BAR	TEST BAR
	SK : D62 BT : D151 HSK : D212	SK : D62 BT : D152 HSK : D212
		

TOOL
HOLDER
SET

Description	HYDRAULIC CHUCK	POWER MILLING CHUCK	POWER MILLING CHUCK - Quick Change
Page	D246	D247	D248
			

BORING
SYSTEM

ING
TEM

Description Page	BASIC HOLDER	FINE BORING HEAD & INSERT HOLDER	ROUGH BORING HEAD & CARTRIDGE
	SK : D252 BT : D253 - 254 HSK : D255	D256	D257
			
EXTENSION BAR	REDUCTION BAR	TYPICAL CONFIGURATION OF FINE BORING BAR	TYPICAL CONFIGURATION OF ROUGH BORING BAR
D258	D259	SK : D260 - 261 BT : D262 - 263 HSK : D264 - 265	SK : D266 BT : D267 - 268 HSK : D269 - 270 STRAIGHT-ST : D271
			
BASIC HOLDER (Big Bore)	FINE BORING HEAD (Big Bore)	PLATE & CARTRIDGE (Big Bore)	FINE BORING BAR (Big Bore)
SK : D273 BT : D273	D274	D275	BT : D276
			
	ROUGH BORING BAR (Big Bore)	MICRO BORING BAR	SQUARE BORING BAR
	SK : D277 BT : D278	BT : D279 - 280 STRAIGHT-ST : D281 BIG SIZE : D282 PARTS : D283 - 285	45° : D286 90° : D287 SQUARE BITE : D288
			

ACCESSORY
& PARTS

Description	HYD. CHUCK - Test Piece	HYD. CHUCK - Reduction Sleeve	SHRINK FIT - Heating Machine
Page	D290	HK : D291 HS : D292 HF : D293 HR : D294	D295
			
ER COLLET CHUCK - Collet & Nut	END MILL HOLDER - Side Lock Bolt	SHELL MILL ARBOR - Bolt & Key	FACE MILL ARBOR - Bolt & Key
COLLET : D296 - 304 NUT : D305 - 308 SPANNER : D309	D310	SMA : D311 CMA : D312	D313
			
POWER MILLING CHUCK - Collet & Spanner	SK SLIM CHUCK - Collet & Nut	TAPPING CHUCK - Tap Adaptor	PULL STUD BOLT
D314	COLLET : D315 - 316 NUT & SPANNER : D317	D318 - 319	D320 - 321
			
TOOL CLAMP	HEIGHT PRESETTER	COOLANT TUBE & SPANNER (HSK)	ADJUST BOLT (HSK MQL1)
D322	D322	D323	D324
			

YG-1 TOOLING SYSTEM

SK
(DIN 69871)



- HYDRAULIC CHUCK
- SHRINK FIT HOLDER
- ER COLLET CHUCK
- END MILL HOLDER
- SHELL MILL ARBOR
- COMBI-SHELL MILL ARBOR
- POWER MILLING CHUCK
- MORSE TAPER ARBOR
- SK SLIM CHUCK
- SYNCHRO TAPPING CHUCK
- ONE STEP TAPPING CHUCK
- TAPPING ER CHUCK
- TAPPING CHUCK
- COPY MILL ARBOR
- INDEXABLE DRILL HOLDER
- NC DRILL CHUCK
- BLANK BAR
- TEST BAR

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

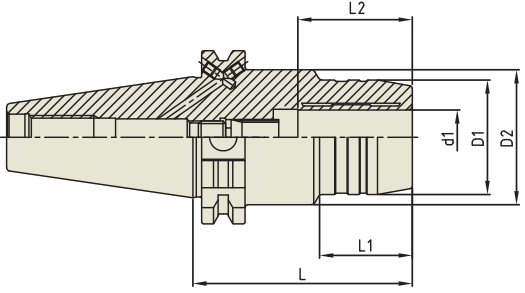


HYDRAULIC
CHUCK

HCR

HYDRAULIC CHUCK (RADIAL TOOL LENGTH PRE-SETTING TYPE)

HYDRAULIK SPANNFUTTER (RADIALE WERKZEUGLÄGEN VOREINSTELLUNG)
MANDRIN HYDRAULIQUE (BANC DE PRÉ-RÉGLAGE RADIAL)
MANDRINI IDRAULICI (UTENSILI RADIALI PER AZZERAMENTO)
PORTAHERRAMIENTAS HIDRAULICO (AJUSTE DE LONGITUD TIPO PRE-SETTING)



DIN
69871-
SK



2.5G







Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	WEIGHT(Kg)
30	SK30-HCR12-85	P2770001	12	32	44.5	85	40	37	0.90
	SK30-HCR20-85	P2770003	20	44	-	85	-	42	1.00
40	SK40AD/B-HCR12-80.5	P2554018	12	32	49.5	80.5	31.5	37	1.50
	SK40AD/B-HCR20-80.5	P2554019	20	42	49.5	80.5	34	42	1.60
	SK40AD/B-HCR32-110	P2770004	32	63	80	110	50	55	2.20
50	SK50AD/B-HCR12-80.5	P2770005	12	32	49.5	80.5	35	37	3.90
	SK50AD/B-HCR20-80.5	P2770006	20	42	44.5	80.5	44	42	4.00
	SK50AD/B-HCR32-100	P2770002	32	60	-	100	-	55	4.70

► CAT(ASME B5.50) taper and Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D12

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

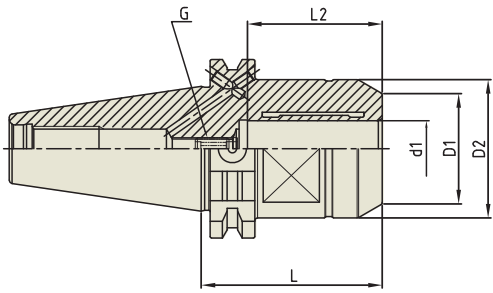


HYDRAULIC
CHUCK

HCP

HYDRAULIC CHUCK (Power E Hydro)

HYDRAULIK SPANNFUTTER (POWER E HYDRO)
MANDRIN HYDRAULIQUE (POWER E HYDRO)
MANDRINI IDRAULICI (POWER E HYDRO)
PORTAHERRAMIENTAS HIDRAULICO (POWER E HYDRO)



DIN
69871-
SK



2.5G







Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L2	G	WEIGHT (Kg)
40	SK40AD/B-HC12P-50	P2776651P	12	32	42	50	41	M8x1.0	1.00
	SK40AD/B-HC20P-64.5	P2534001P	20	39.3	49.3	64.5	48	M8x1.0	1.20
50	SK50AD/B-HC20P-64.5	P2756010P	20	39.3	49.3	64.5	48	M8x1.0	2.80
	SK50AD/B-HC32P-81	P2534002P	32	58.5	72	81	57	M8x1.0	3.90

► CAT(ASME B5.50) taper and Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D13

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 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



HYDRAULIC
CHUCK

HC

HYDRAULIC CHUCK (STANDARD)

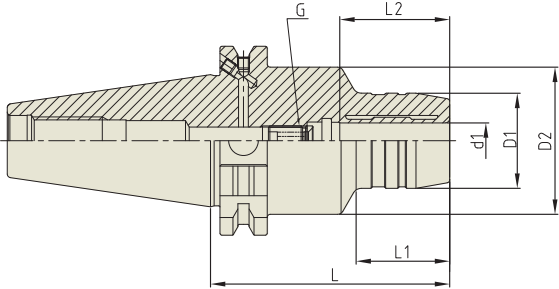
HYDRAULIK SPANNFUTTER (STANDARD)

MANDRIN HYDRAULIQUE (STANDARD)

MANDRINI IDRAULICI (STANDARD)

PORTAHERRAMIENTAS HIDRAULICO (ESTÁNDAR)





DIN
69871-
SK



2.5G



 $\leq 3\mu\text{m}$

 AD or AD/B

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	G	WEIGHT (Kg)
30	SK30-HC6-70	P2770101	6	26	45	70	20	27	M5x0.8	0.65
	SK30-HC8-70	P2770110	8	28	45	70	20	27	M6x1.0	0.65
	SK30-HC10-75	P2770102	10	30	45	75	21	32	M8x1.0	0.73
	SK30-HC12-85	P2770111	12	32	45	85	40	37	M10x1.0	0.80
	SK30-HC14-85	P2770112	14	34	45	85	22	37	M10x1.0	0.80
	SK30-HC16-90	P2770113	16	38	45	90	50	42	M6x1.0	0.90
	SK30-HC18-90	P2770114	18	40	45	90	50	42	M10x1.0	0.90
	SK30-HC20-90	P2770115	20	42	45	90	50	42	M6x1.0	0.90
40	SK40AD/B-HC6-80.5	P2554017	6	26	49.5	80.5	30	27	M5x0.8	1.31
	SK40AD/B-HC6-110	P2554016	6	26	49.5	110	29.5	27	M5x0.8	1.76
	SK40AD/B-HC8-80.5	P2554025	8	28	49.5	80.5	30	27	M6x1.0	1.34
	SK40AD/B-HC8-110	P2770117	8	28	49.5	110	30	27	M6x1.0	1.76
	SK40AD/B-HC10-80.5	P2554004	10	30	49.5	80.5	31	32	M8x1.0	1.34
	SK40AD/B-HC10-110	P2554009	10	30	49.5	110	31	32	M8x1.0	1.76
	SK40AD/B-HC12-80.5	P2554011	12	32	49.5	80.5	31.5	37	M10x1.0	1.34
	SK40AD/B-HC12-110	P2554010	12	32	49.5	110	31.5	37	M10x1.0	1.76
	SK40AD/B-HC14-80.5	P2776653	14	34	49.5	80.5	32	37	M10x1.0	1.35
	SK40AD/B-HC14-110	P2776654	14	34	49.5	110	32	37	M10x1.0	1.75
	SK40AD/B-HC16-80.5	P2554013	16	38	49.5	80.5	33	42	M12x1.0	1.34
	SK40AD/B-HC16-110	P2554012	16	38	49.5	110	33	42	M12x1.0	1.76
	SK40AD/B-HC20-80.5	P2554015	20	42	49.5	80.5	34	42	M16x1.0	1.35
	SK40AD/B-HC20-110	P2554014	20	42	49.5	110	34	42	M16x1.0	1.78
	SK40AD/B-HC25-80.5	P2770103	25	55	66	80.5	22	48	M16x1.0	1.75
	SK40AD/B-HC32-110	P2770126	32	63	80	110	25.5	55	M16x1.0	2.60
50	SK50AD/B-HC6-80.5	P2770104	6	26	49.5	80.5	30	27	M5x0.8	3.00
	SK50AD/B-HC8-80.5	P2770116	8	28	49.5	80.5	30	27	M6x1.0	3.00
	SK50AD/B-HC10-80.5	P2770106	10	30	49.5	80.5	32	32	M8x1.0	3.00
	SK50AD/B-HC12-80.5	P2770118	12	32	49.5	80.5	35	37	M10x1.0	3.05
	SK50AD/B-HC14-80.5	P2776655	14	34	49.5	80.5	37	37	M10x1.0	3.07
	SK50AD/B-HC16-80.5	P2770108	16	38	49.5	80.5	40	42	M12x1.0	3.10
	SK50AD/B-HC20-80.5	P2770119	20	42	49.5	80.5	40	42	M16x1.0	3.15

► CAT(ASME B5.50) taper and Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D14

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



HYDRAULIC
CHUCK

HC

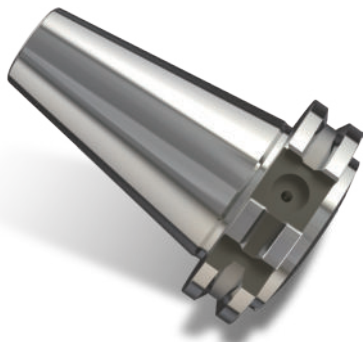
HYDRAULIC CHUCK (ULTRA SHORT)

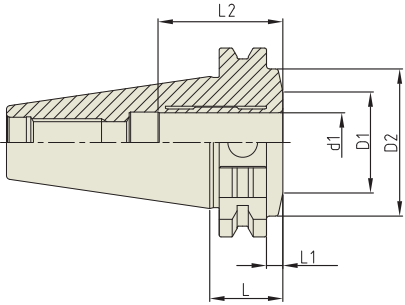
HYDRAULIK SPANNFUTTER (KURZ)

MANDRIN HYDRAULIQUE (COURT)

MANDRINI IDRAULICI (CORTO)

PORTAHERRAMIENTAS HIDRAULICO (CORTO)





DIN
69871-
SK



2.5G



 $\leq 3\mu\text{m}$

 AD

Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	WEIGHT (Kg)
40	SK40-HC20-24.6	P2770120	20	34	49.5	24.6	5.5	42	0.81
50	SK50-HC32-30.9	P2770121	32	49	70.5	30.9	11.85	55	2.63

► CAT(ASME B5.50) taper and Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D15

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

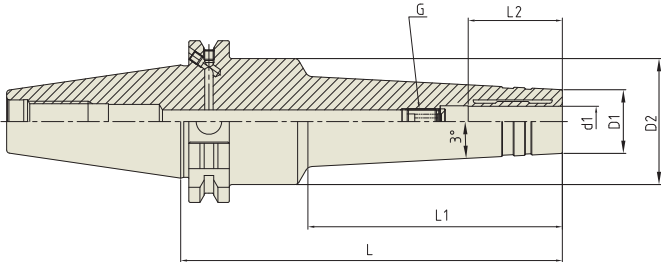


HYDRAULIC
CHUCK

HMC

HYDRAULIC CHUCK (SLIM)

HYDRAULIK SPANNFUTTER (SCHLANK)
MANDRIN HYDRAULIQUE (MINCE)
MANDRINI IDRAULICI (SOTTILE)
PORTAHERRAMIENTAS HIDRAULICO (DELGADO)



DIN
69871-
SK

AT3

2.5G

25,000
RPM

⚡
(at 3D)
≤ 3μm

AD/B

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	G	WEIGHT (Kg)
40	SK40AD/B-HMC6-120	P2770701	6	20	49.5	120	70	27	M5×0.8	1.40
	SK40AD/B-HMC6-150	P2770702	6	20	49.5	150	100	27	M5×0.8	1.65
	SK40AD/B-HMC8-120	P2770703	8	22	49.5	120	70	27	M6×1.0	1.40
	SK40AD/B-HMC8-150	P2770704	8	22	49.5	150	100	27	M6×1.0	1.65
	SK40AD/B-HMC10-120	P2770705	10	24	49.5	120	70	32	M8×1.0	1.40
	SK40AD/B-HMC10-150	P2770706	10	24	44.5	150	100	32	M8×1.0	1.65
	SK40AD/B-HMC12-120	P2770707	12	25	49.5	120	70	37	M10×1.0	1.40
	SK40AD/B-HMC12-150	P2770708	12	25	44.5	150	100	37	M10×1.0	1.65
	SK40AD/B-HMC14-120	P2770719	14	27	49.5	120	70	37	M10×1.0	1.50
	SK40AD/B-HMC14-150	P2770720	14	27	49.5	150	100	37	M10×1.0	1.70
	SK40AD/B-HMC16-120	P2770709	16	32	49.5	120	70	42	M12×1.0	1.45
	SK40AD/B-HMC16-150	P2770710	16	32	49.5	150	100	42	M12×1.0	1.70
	SK40AD/B-HMC20-120	P2770711	20	34	49.5	120	70	42	M16×1.0	1.50
	SK40AD/B-HMC20-150	P2770712	20	34	49.5	150	100	42	M16×1.0	1.70
50	SK50AD/B-HMC6-150	P2770713	6	20	44.5	150	100	27	M5×0.8	4.50
	SK50AD/B-HMC8-150	P2770714	8	22	44.5	150	100	27	M6×1.0	4.50
	SK50AD/B-HMC10-150	P2770715	10	24	44.5	150	100	32	M8×1.0	4.50
	SK50AD/B-HMC12-150	P2770716	12	25	44.5	150	100	37	M10×1.0	4.50
	SK50AD/B-HMC14-150	P2770721	14	27	44.5	150	100	37	M10×1.0	4.60
	SK50AD/B-HMC16-150	P2770717	16	32	44.5	150	100	42	M12×1.0	4.70
	SK50AD/B-HMC20-150	P2770718	20	34	44.5	150	100	42	M16×1.0	5.00

► CAT(ASME B5.50) taper and Inch type products are available.
► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
► Supplied with clamping T-wrench.
► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

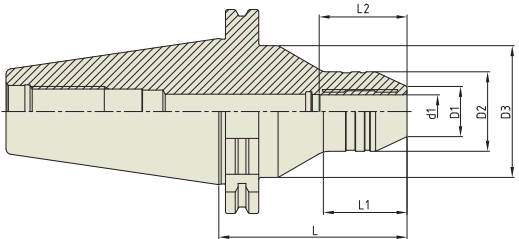


HYDRAULIC
CHUCK

HC-G

HYDRAULIC CHUCK (For GRINDER)

HYDRAULIK SPANNFUTTER FÜR DEN FORMENBAU
MANDRIN HYDRAULIQUE POUR MOULISTE
MANDRINI IDRAULICI PER STAMPAGGIO
PORTAHERRAMIENTAS HIDRAULICO PARA MOLDES



DIN
69871-
SK

AT3

⚡
(at 3D)
≤ 3μm

AD

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	D3	L	L1	L2	WEIGH (Kg)
50	SK50-HC6G-90	P2770951	6	14	30	63	90	30	27	3.00
	SK50-HC8G-90	P2770952	8	16	30	63	90	30	27	3.00
	SK50-HC10G-90	P2770953	10	18	30	63	90	30	32	3.00
	SK50-HC12G-90	P2770954	12	21	33	63	90	35	37	3.05
	SK50-HC14G-90	P2770955	14	22	35	63	90	35	37	3.10
	SK50-HC16G-90	P2770956	16	24	38	63	90	40	42	3.10
	SK50-HC18G-90	P2770957	18	26	40	63	90	40	42	3.10
	SK50-HC20G-110	P2770958	20	29	42	63	110	40	42	3.30
	SK50-HC25G-110	P2770959	25	34	50	70	110	45	48	3.60
	SK50-HC32G-110	P2770960	32	42	56	80	110	50	55	4.20

► Supplied with clamping T-wrench.
► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D16

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 YG-1 CO., LTD.

 YG-1 CO., LTD.

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

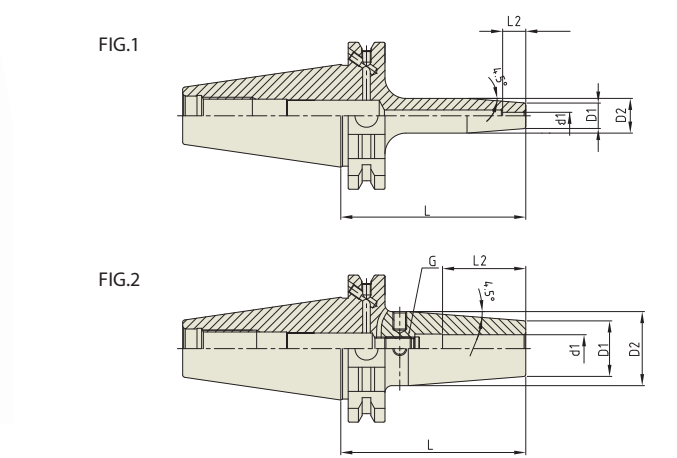
D17

SFH

SFH

SHRINK FIT HOLDER

SCHRUMPFUTTER
MANDRIN DE FRETAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR



										Unit : mm
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L2	G	FIG.	WEIGHT (Kg)
50	SK50AD/B-SFH12-160	P2762015	12	24	32	160	47	M10×1.0	2	2.00
	SK50AD/B-SFH12-200	P2771336A	12	24	32	200	47	M10×1.0	2	-
	SK50AD/B-SFH14-80	P2763010	14	27	34	80	47	M10×1.0	2	1.60
	SK50AD/B-SFH14-130	P2771337A	14	27	34	130	47	M10×1.0	2	-
	SK50AD/B-SFH14-160	P2763015	14	27	34	160	47	M10×1.0	2	2.10
	SK50AD/B-SFH14-200	P2771338A	14	27	34	200	47	M10×1.0	2	-
	SK50AD/B-SFH16-80	P2764010	16	27	34	80	50	M12×1.0	2	1.60
	SK50AD/B-SFH16-130	P2771339A	16	27	34	130	50	M12×1.0	2	-
	SK50AD/B-SFH16-160	P2764015	16	27	34	160	50	M12×1.0	2	2.10
	SK50AD/B-SFH16-200	P2771340A	16	27	34	200	50	M12×1.0	2	-
	SK50AD/B-SFH18-80	P2765010	18	33	42	80	50	M12×1.0	2	1.60
	SK50AD/B-SFH18-130	P2771341A	18	33	42	130	50	M12×1.0	2	-
	SK50AD/B-SFH18-160	P2765015	18	33	42	160	50	M12×1.0	2	2.00
	SK50AD/B-SFH18-200	P2771342A	18	33	42	200	50	M12×1.0	2	-
	SK50AD/B-SFH20-80	P2766010	20	33	42	80	52	M16×1.0	2	1.80
	SK50AD/B-SFH20-130	P2771343A	20	33	42	130	52	M16×1.0	2	-
	SK50AD/B-SFH20-160	P2766015	20	33	42	160	52	M16×1.0	2	2.20
	SK50AD/B-SFH20-200	P2771344A	20	33	42	200	52	M16×1.0	2	-
	SK50AD/B-SFH25-90	P2771330	25	44	53	90	58	M16×1.0	2	2.00
	SK50AD/B-SFH25-130	P2771345A	25	44	53	130	58	M16×1.0	2	-
SK50AD/B-SFH25-160	P2771331	25	44	53	160	58	M16×1.0	2	2.40	
SK50AD/B-SFH25-200	P2771346A	25	44	53	200	58	M16×1.0	2	-	

- ▶ CAT(ASME B5.50) taper and Inch type products are available.
- ▶ Supplied without balancing screws.
- ▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

TOOLING
SYSTEM



ER COLLET
CHUCK

ER

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

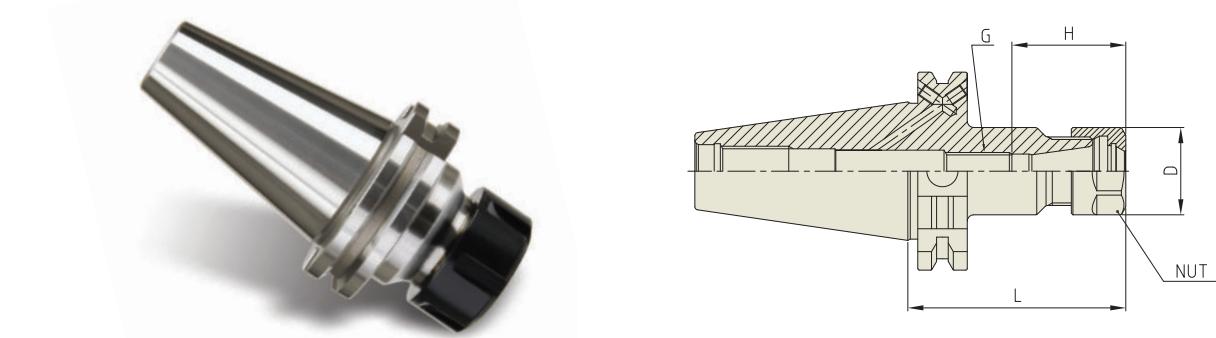
TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

ER COLLET CHUCK

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER



Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
50	SK50AD/B-ER16-70	P2774815	0.5 - 10.0	70	28	M10	36	ER16	2.71
	SK50AD/B-ER16-100	P2774821	0.5 - 10.0	100	28	M10	45	ER16	2.82
	SK50AD/B-ER16-130	P2774838	0.5 - 10.0	130	28	M10	36	ER16	2.92
	SK50AD/B-ER16-160	P2774839	0.5 - 10.0	160	28	M10	36	ER16	3.01
	SK50AD/B-ER20-70	P2774816	0.5 - 13.0	70	34	M12	44.5	ER20	2.78
	SK50AD/B-ER20-100	P2774822	0.5 - 13.0	100	34	M12	50	ER20	2.88
	SK50AD/B-ER20-130	P2774840	0.5 - 13.0	130	34	M12	50	ER20	3.02
	SK50AD/B-ER20-160	P2774841	0.5 - 13.0	160	34	M12	50	ER20	3.16
	SK50AD/B-ER25-70	P2774817	1.0 - 16.0	70	42	M12	65	ER25	2.75
	SK50AD/B-ER25-100	P2774823	1.0 - 16.0	100	42	M12	52	ER25	3.06
	SK50AD/B-ER25-130	P2774842	1.0 - 16.0	130	42	M12	42	ER25	3.32
	SK50AD/B-ER25-160	P2774843	1.0 - 16.0	160	42	M12	42	ER25	3.57
	SK50AD/B-ER32-70	P2774818	1.0 - 20.0	70	50	M12	60	ER32	2.84
	SK50AD/B-ER32-100	P2774824	1.0 - 20.0	100	50	M12	60	ER32	3.29
	SK50AD/B-ER32-130	P2774844	1.0 - 20.0	130	50	M12	73	ER32	3.67
	SK50AD/B-ER32-160	P2774845	1.0 - 20.0	160	50	M12	73	ER32	4.06
	SK50AD/B-ER40-80	P2774819	2.0 - 30.0	80	63	M12	69	ER40	3.10
	SK50AD/B-ER40-100	P2774825	2.0 - 30.0	100	63	M12	75	ER40	3.56
	SK50AD/B-ER40-130	P2774846	2.0 - 30.0	130	63	M12	75	ER40	4.22
	SK50AD/B-ER40-160	P2774847	2.0 - 30.0	160	63	M12	75	ER40	4.88

- ▶ CAT(ASME B5.50) taper and Inch type products are available.
- ▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
- ▶ For applicable ER collet, please refer to page D296~D304.
- ▶ For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

TOOLING
SYSTEM



ER COLLET
CHUCK

ER

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

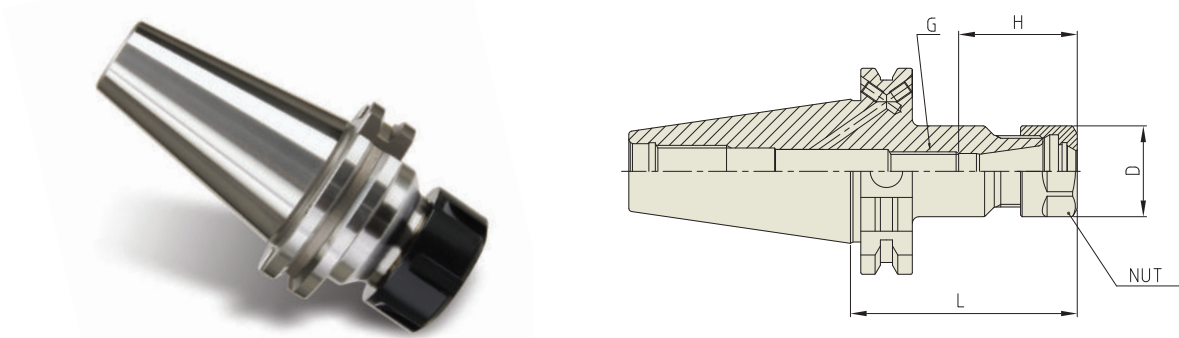
TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

ER COLLET CHUCK

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER



Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
40	SK40AD/B-ER11-70	P2537006	0.5 - 7.0	70	19	M6	45	ER11	0.90
	SK40AD/B-ER11-100	P2771802	0.5 - 7.0	100	19	M6	45	ER11	0.95
	SK40AD/B-ER16-70	P2537033	0.5 - 10.0	70	28	M10	36	ER16	0.44
	SK40AD/B-ER16-100	P2537017	0.5 - 10.0	100	28	M10	36	ER16	0.56
	SK40AD/B-ER16-130	P2771803	0.5 - 10.0	130	28	M10	36	ER16	0.69
	SK40AD/B-ER16-160	P2771804	0.5 - 10.0	160	28	M10	36	ER16	0.81
	SK40AD/B-ER20-70	P2537034	0.5 - 13.0	70	34	M12	44.5	ER20	0.47
	SK40AD/B-ER20-100	P2537018	0.5 - 13.0	100	34	M12	44.5	ER20	0.64
	SK40AD/B-ER20-130	P2771805	0.5 - 13.0	130	34	M12	44.5	ER20	0.80
	SK40AD/B-ER20-160	P2771806	0.5 - 13.0	160	34	M12	44.5	ER20	1.00
	SK40AD/B-ER25-70	P2537009	1.0 - 16.0	70	42	M12	52	ER25	0.56
	SK40AD/B-ER25-100	P2537019	1.0 - 16.0	100	42	M12	52	ER25	0.84
	SK40AD/B-ER25-130	P2771807	1.0 - 16.0	130	42	M12	52	ER25	1.14
	SK40AD/B-ER25-160	P2771808	1.0 - 16.0	160	42	M12	52	ER25	1.44
	SK40AD/B-ER32-70	P2537032	1.0 - 20.0	70	50	M12	60	ER32	0.51
	SK40AD/B-ER32-100	P2537020	1.0 - 20.0	100	50	M12	60	ER32	0.88
	SK40AD/B-ER32-130	P2771809	1.0 - 20.0	130	50	M12	60	ER32	1.21
	SK40AD/B-ER32-160	P2771810	1.0 - 20.0	160	50	M12	60	ER32	1.54
	SK40AD/B-ER40-80	P2537011	2.0 - 30.0	80	63	M12	53	ER40	0.65
	SK40AD/B-ER40-100	P2771811	2.0 - 30.0	100	63	M12	75	ER40	0.90
	SK40AD/B-ER40-130	P2771812	2.0 - 30.0	130	63	M12	75	ER40	1.34
	SK40AD/B-ER40-160	P2771813	2.0 - 30.0	160	63	M12	75	ER40	1.77

- ▶ CAT(ASME B5.50) taper and Inch type products are available.
- ▶ For applicable ER collet, please refer to page D296~D304.
- ▶ For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

▶ NEXT PAGE

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS



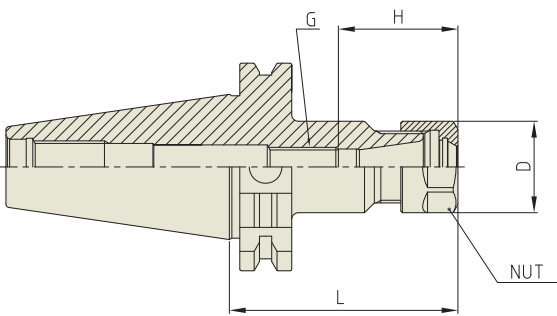
ER COLLET CHUCK

ER

ER COLLET CHUCK

SPANN FUTTER -ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER





DIN 69871-SK

AT3

6.3G

15,000 RPM

AD

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
50	SK50-ER16-70	P2527012	0.5 - 10.0	70	28	M10	45	ER16	2.71
	SK50-ER16-100	P2527022	0.5 - 10.0	100	28	M10	45	ER16	2.82
	SK50-ER16-130	P2527039	0.5 - 10.0	130	28	M10	45	ER16	2.92
	SK50-ER16-160	P2527040	0.5 - 10.0	160	28	M10	45	ER16	3.01
	SK50-ER20-70	P2776423	0.5 - 13.0	70	34	M12	50	ER20	2.78
	SK50-ER20-100	P2527023	0.5 - 13.0	100	34	M12	40.5	ER20	2.88
	SK50-ER20-130	P2527041	0.5 - 13.0	130	34	M12	50	ER20	3.02
	SK50-ER20-160	P2527042	0.5 - 13.0	160	34	M12	50	ER20	3.16
	SK50-ER25-70	P2776424	1.0 - 16.0	70	42	M12	65	ER25	2.75
	SK50-ER25-100	P2527024	1.0 - 16.0	100	42	M12	65	ER25	3.06
	SK50-ER25-130	P2527043	1.0 - 16.0	130	42	M12	65	ER25	3.32
	SK50-ER25-160	P2527044	1.0 - 16.0	160	42	M12	65	ER25	3.57
	SK50-ER32-70	P2776425	1.0 - 20.0	70	50	M12	65	ER32	2.84
	SK50-ER32-100	P2527025	1.0 - 20.0	100	50	M12	65	ER32	3.29
	SK50-ER32-130	P2527045	1.0 - 20.0	130	50	M12	65	ER32	3.67
	SK50-ER32-160	P2527046	1.0 - 20.0	160	50	M12	65	ER32	4.06
	SK50-ER40-80	P2527016	2.0 - 30.0	80	63	M12	75	ER40	3.10
	SK50-ER40-100	P2527026	2.0 - 30.0	100	63	M12	75	ER40	3.56
	SK50-ER40-130	P2527047	2.0 - 30.0	130	63	M12	75	ER40	4.22
	SK50-ER40-160	P2527048	2.0 - 30.0	160	63	M12	75	ER40	4.88

► CAT(ASME B5.50) taper and Inch type products are available.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

D32

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 YG-1 CO., LTD.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

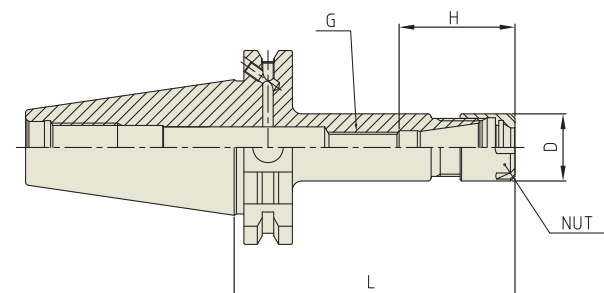


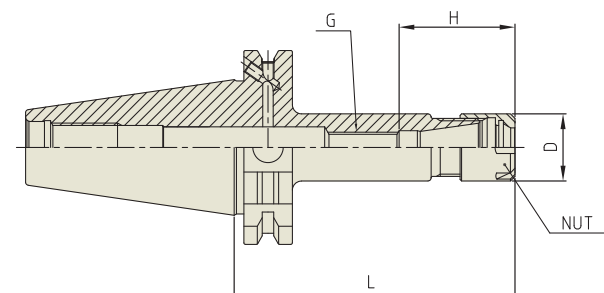
ER COLLET CHUCK

ER

ER COLLET CHUCK (SLIM)

SPANN FUTTER -ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER





DIN 69871-SK

AT3

2.5G

25,000 RPM

AD/B

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
40	SK40AD/B-ER11M-100	P2802640	0.5 - 7.0	100	16	M6	29.5	ER11M / ER11	-
	SK40AD/B-ER11M-130	P2802641	0.5 - 7.0	130	16	M6	29.5	ER11M / ER11	-
	SK40AD/B-ER11M-160	P2802642	0.5 - 7.0	160	16	M6	29.5	ER11M / ER11	-
	SK40AD/B-ER16M-100	P2802643	0.5 - 10.0	100	22	M10	38	ER16M / ER16	-
	SK40AD/B-ER16M-130	P2802644	0.5 - 10.0	130	22	M10	38	ER16M / ER16	-
	SK40AD/B-ER16M-160	P2802645	0.5 - 10.0	160	22	M10	38	ER16M / ER16	-
	SK40AD/B-ER20M-100	P2802646	0.5 - 13.0	100	28	M12	44.5	ER20M / ER20	-
	SK40AD/B-ER20M-130	P2802647	0.5 - 13.0	130	28	M12	44.5	ER20M / ER20	-
	SK40AD/B-ER20M-160	P2802648	0.5 - 13.0	160	28	M12	44.5	ER20M / ER20	-
	SK40AD/B-ER25M-100	P2802649	0.5 - 16.0	100	35	M12	52	ER25M / ER25	-
	SK40AD/B-ER25M-130	P2802650	0.5 - 16.0	130	35	M12	52	ER25M / ER25	-
	SK40AD/B-ER25M-160	P2802651	0.5 - 16.0	160	35	M12	52	ER25M / ER25	-
50	SK50AD/B-ER16M-100	P2802652	0.5 - 10.0	100	22	M10	38	ER16M / ER16	-
	SK50AD/B-ER16M-130	P2802653	0.5 - 10.0	130	22	M10	38	ER16M / ER16	-
	SK50AD/B-ER16M-160	P2802654	0.5 - 10.0	160	22	M10	38	ER16M / ER16	-
	SK50AD/B-ER20M-100	P2802655	0.5 - 13.0	100	28	M12	44.5	ER20M / ER20	-
	SK50AD/B-ER20M-130	P2802656	0.5 - 13.0	130	28	M12	44.5	ER20M / ER20	-
	SK50AD/B-ER20M-160	P2802657	0.5 - 13.0	160	28	M12	44.5	ER20M / ER20	-
	SK50AD/B-ER25M-100	P2802658	0.5 - 16.0	100	35	M12	52	ER25M / ER25	-
	SK50AD/B-ER25M-130	P2802659	0.5 - 16.0	130	35	M12	52	ER25M / ER25	-
	SK50AD/B-ER25M-160	P2802660	0.5 - 16.0	160	35	M12	52	ER25M / ER25	-

► CAT(ASME B5.50) taper and Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D307 & D309.

D33

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

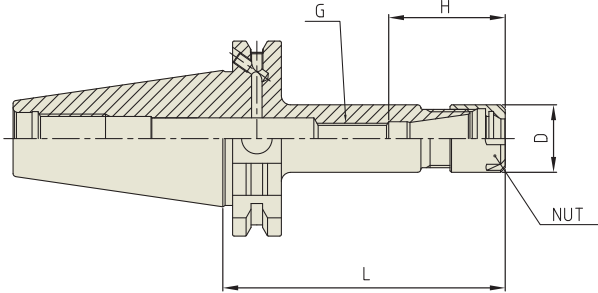


ER COLLET CHUCK

ER

ER COLLET CHUCK (SLIM)

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER



DIN 69871-SK

AT3

6.3G

15,000 RPM

AD/B

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
40	SK40AD/B-ER11M-100	P2802661	0.5 - 7.0	100	16	M6	29.5	ER11M / ER11	-
	SK40AD/B-ER11M-130	P2802662	0.5 - 7.0	130	16	M6	29.5	ER11M / ER11	-
	SK40AD/B-ER11M-160	P2802663	0.5 - 7.0	160	16	M6	29.5	ER11M / ER11	-
	SK40AD/B-ER16M-100	P2802664	0.5 - 10.0	100	22	M10	38	ER16M / ER16	-
	SK40AD/B-ER16M-130	P2802665	0.5 - 10.0	130	22	M10	38	ER16M / ER16	-
	SK40AD/B-ER16M-160	P2802666	0.5 - 10.0	160	22	M10	38	ER16M / ER16	-
	SK40AD/B-ER20M-100	P2802667	0.5 - 13.0	100	28	M12	44.5	ER20M / ER20	-
	SK40AD/B-ER20M-130	P2802668	0.5 - 13.0	130	28	M12	44.5	ER20M / ER20	-
	SK40AD/B-ER20M-160	P2802669	0.5 - 13.0	160	28	M12	44.5	ER20M / ER20	-
	SK40AD/B-ER25M-100	P2802670	0.5 - 16.0	100	35	M12	52	ER25M / ER25	-
	SK40AD/B-ER25M-130	P2802671	0.5 - 16.0	130	35	M12	52	ER25M / ER25	-
	SK40AD/B-ER25M-160	P2802672	0.5 - 16.0	160	35	M12	52	ER25M / ER25	-
50	SK50AD/B-ER16M-100	P2802673	0.5 - 10.0	100	22	M10	38	ER16M / ER16	-
	SK50AD/B-ER16M-130	P2802674	0.5 - 10.0	130	22	M10	38	ER16M / ER16	-
	SK50AD/B-ER16M-160	P2802675	0.5 - 10.0	160	22	M10	38	ER16M / ER16	-
	SK50AD/B-ER20M-100	P2802676	0.5 - 13.0	100	28	M12	44.5	ER20M / ER20	-
	SK50AD/B-ER20M-130	P2802677	0.5 - 13.0	130	28	M12	44.5	ER20M / ER20	-
	SK50AD/B-ER20M-160	P2802678	0.5 - 13.0	160	28	M12	44.5	ER20M / ER20	-
	SK50AD/B-ER25M-100	P2802679	0.5 - 16.0	100	35	M12	52	ER25M / ER25	-
	SK50AD/B-ER25M-130	P2802680	0.5 - 16.0	130	35	M12	52	ER25M / ER25	-
	SK50AD/B-ER25M-160	P2802681	0.5 - 16.0	160	35	M12	52	ER25M / ER25	-

► CAT(ASME B5.50) taper and Inch type products are available.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D307 & D309.

D34

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS



END MILL HOLDER

EMH

END MILL HOLDER (SHORT TYPE)

FRÄSERFUTTER UND FLÄCHENSPANNFUTTER
MANDRIN PORTE FRAISE À QUEUE CYLINDRIQUE, À MÉPLAT
MANDRINI PORTA FRESA TIPO WELDON
PORTAFRESAS Y EJES DE SUJECCION LATERAL



DIN 69871-SK

AT3

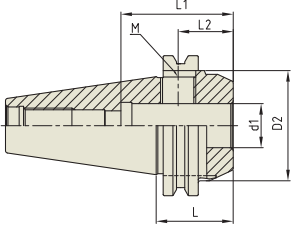
6.3G

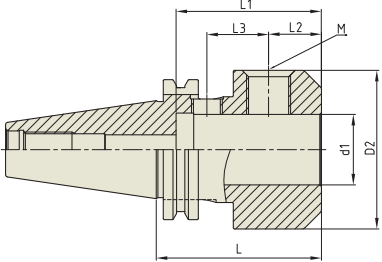
15,000 RPM

AD

Unit : mm											
TAPER No.	MODEL No.	EDP No.	d1	D2	L	L1	L2	L3	M	FIG.	WEIGHT (Kg)
40	SK40-EMH16-35	P2521001	16	48	35	51	24	-	M14	1	0.80
	SK40-EMH20-35	P2521027	20	50	35	51	25	-	M16	1	0.90
	SK40-EMH25-60	P2521003	25	50	60	59	24	25	M18 / M14	2	1.20
	SK40-EMH32-75	P2521030	32	72	75	66	24	28	M20 / M14	2	1.80
50	SK50-EMH25-60	P2521031	25	65	60	60	23.5	25.4	M18 / M14	2	3.35
	SK50-EMH32-60	P2521032	32	72	60	63	24	24.9	M20 / M14	2	3.50

► CAT(ASME B5.50) taper and Inch type products are available.





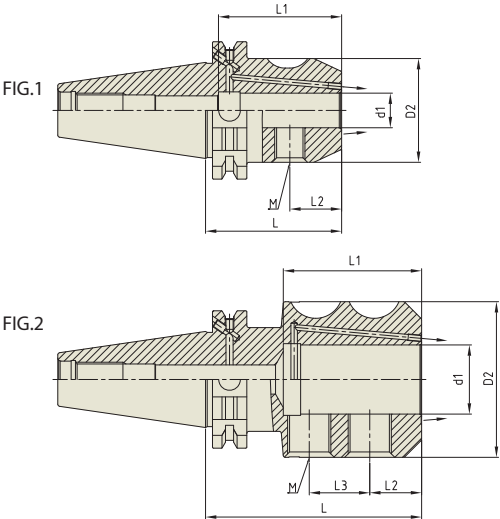
D35

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

END MILL HOLDER (COOLANT CHANNEL)

FRÄSERFUTTER UND FLÄCHENSANNFUTTER
MANDRIN PORTE FRAISE À QUEUE CYLINDRIQUE, À MÉPLAT
MANDRINI PORTA FRESA TIPO WELDON
PORTAFRESAS Y EJES DE SUJECCION LATERAL



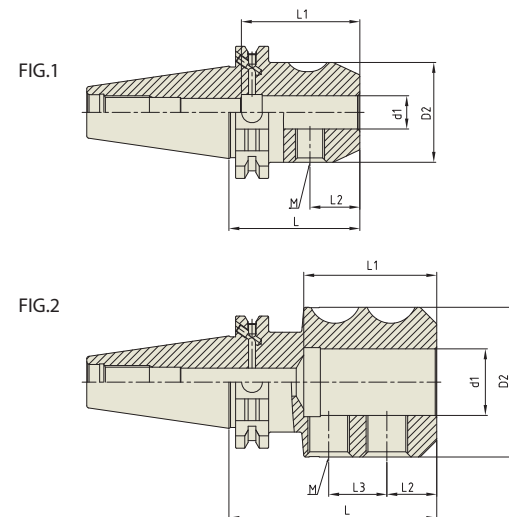
											Unit : mm
TAPER No.	MODEL No.	EDP No.	d1	D2	L	L1	L2	L3	M	FIG.	WEIGHT (Kg)
40	SK40AD/B-EMH6C-50	P2779048	6	25	50	35	18	-	M6	1	0.86
	SK40AD/B-EMH8C-50	P2779049	8	28	50	35	18	-	M8	1	0.89
	SK40AD/B-EMH10C-50	P2779050	10	35	50	39	20	-	M10	1	0.95
	SK40AD/B-EMH12C-50	P2779051	12	42	50	36	22.5	-	M12	1	1.03
	SK40AD/B-EMH14C-50	P2779052	14	44	50	48	22.5	-	M12	1	1.26
	SK40AD/B-EMH16C-63	P2779053	16	48	63	54	24	-	M14	1	1.28
	SK40AD/B-EMH18C-63	P2779054	18	50	63	54	24	-	M14	1	1.35
	SK40AD/B-EMH20C-63	P2779055	20	52	63	54	25	-	M16	1	1.28
	SK40AD/B-EMH25C-100	P2779056	25	65	100	55	24	25	M18	2	2.28
	SK40AD/B-EMH32C-100	P2779057	32	72	100	69	24	28	M20	2	2.50
50	SK50AD/B-EMH6C-63	P2779058	6	25	63	35	18	-	M6	1	2.70
	SK50AD/B-EMH8C-63	P2779059	8	28	63	35	18	-	M8	1	2.70
	SK50AD/B-EMH10C-63	P2779060	10	35	63	39	20	-	M10	1	2.90
	SK50AD/B-EMH12C-63	P2779061	12	42	63	46	22.5	-	M12	1	2.90
	SK50AD/B-EMH14C-63	P2779062	14	44	63	46	22.5	-	M12	1	2.90
	SK50AD/B-EMH16C-63	P2779063	16	48	63	46	24	-	M14	1	3.00
	SK50AD/B-EMH18C-63	P2779064	18	50	63	46	24	-	M14	1	3.00
	SK50AD/B-EMH20C-63	P2779065	20	52	63	56	25	-	M16	1	3.05
	SK50AD/B-EMH25C-80	P2779066	25	65	80	60	24	25	M18	2	3.73
	SK50AD/B-EMH32C-100	P2779067	32	72	100	64	24	28	M20	2	4.53
	SK50AD/B-EMH40C-120	P2779068	40	80	120	74	30	32	M20	2	4.77
	SK50AD/B-EMH50C-125	P2779069	50	100	125	84	35	35	M24	2	7.03

- ▶ CAT(ASME B5.50) taper and Inch type products are available.
- ▶ Standard End Mill Holder is for a cutting tool with Weldon shank and End Mill Holder for a cutting tool with Whistle notch is available upon request.
- ▶ Combi-style Holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.
- ▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.



END MILL HOLDER

FRÄSERFUTTER UND FLÄCHENSPIANNFUTTER
MANDRIN PORTE FRAISE À QUEUE CYLINDRIQUE, À MÉPLAT
MANDRINI PORTA FRESA TIPO WELDON
PORTAFRESAS Y EJES DE SUJECCION LATERAL



											Unit : mm
TAPER No.	MODEL No.	EDP No.	d1	D2	L	L1	L2	L3	M	FIG.	WEIGHT (Kg)
40	SK40AD/B-EMH6-50	P2531009	6	25	50	35	18	-	M6	1	0.86
	SK40AD/B-EMH8-50	P2531010	8	28	50	35	18	-	M8	1	0.89
	SK40AD/B-EMH10-50	P2531011	10	35	50	39	20	-	M10	1	0.95
	SK40AD/B-EMH12-50	P2531012	12	42	50	46	22.5	-	M12	1	1.03
	SK40AD/B-EMH16-63	P2531013	16	48	63	57	24	-	M14	1	1.28
	SK40AD/B-EMH20-63	P2531014	20	52	63	54	25	-	M16	1	1.28
	SK40AD/B-EMH25-100	P2531015	25	65	100	60	24	25	M18	2	2.28
	SK40AD/B-EMH32-100	P2531016	32	72	100	64	24	28	M20	2	2.50
50	SK50AD/B-EMH6-63	P2531017	6	25	63	35	18	-	M6	1	2.70
	SK50AD/B-EMH8-63	P2531018	8	28	63	35	18	-	M8	1	2.70
	SK50AD/B-EMH10-63	P2531019	10	35	63	39	20	-	M10	1	2.90
	SK50AD/B-EMH12-63	P2531020	12	42	63	44	22.5	-	M12	1	2.90
	SK50AD/B-EMH16-63	P2531021	16	48	63	47	24	-	M14	1	3.00
	SK50AD/B-EMH20-63	P2531022	20	52	63	51	25	-	M16	1	3.05
	SK50AD/B-EMH25-80	P2531023	25	65	80	60	24	25	M18	2	3.73
	SK50AD/B-EMH32-100	P2531024	32	72	100	64	24	28	M20	2	4.53
	SK50AD/B-EMH40-100	P2531025	40	80	100	74	30	32	M20	2	4.77
	SK50AD/B-EMH50-125	P2531026	50	100	125	84	35	35	M24	2	7.03

- ▶ CAT(ASME B5.50) taper and Inch type products are available.
- ▶ Standard End Mill Holder is for a cutting tool with Weldon shank and End Mill Holder for a cutting tool with Whistle notch is available upon request.
- ▶ Combi-style Holder with ball jointed clamping screw which can be used with cutting tools with Weldon and Whistle notch shank is available.

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



END MILL
HOLDER

EMH

END MILL HOLDER (COOLANT CHANNEL)

FRÄSERFUTTER UND FLÄCHENSPANNFUTTER
MANDRIN PORTE FRAISE À QUEUE CYLINDRIQUE, À MÉPLAT
MANDRINI PORTA FRESA TIPO WELDON
PORTAFRESAS Y EJES DE SUJECCION LATERAL



FIG.1

FIG.2

DIN 69871-SK

AT3

6.3G

15,000 RPM

AD/B+C

TAPER No.	MODEL No.	EDP No.	d1	D2	L	L1	L2	L3	M	FIG.	WEIGHT (Kg)	
40	SK40AD/B-EMH6C-50	P2779048	6	25	50	35	18	-	M6	1	0.86	
	SK40AD/B-EMH8C-50	P2779049	8	28	50	35	18	-	M8	1	0.89	
	SK40AD/B-EMH10C-50	P2779050	10	35	50	39	20	-	M10	1	0.95	
	SK40AD/B-EMH12C-50	P2779051	12	42	50	46	22.5	-	M12	1	1.03	
	SK40AD/B-EMH14C-50	P2779052	14	44	50	48	22.5	-	M12	1	1.26	
	SK40AD/B-EMH16C-63	P2779053	16	48	63	54	24	-	M14	1	1.28	
	SK40AD/B-EMH18C-63	P2779054	18	50	63	54	24	-	M14	1	1.35	
	SK40AD/B-EMH20C-63	P2779055	20	52	63	55	25	-	M16	1	1.28	
	SK40AD/B-EMH25C-100	P2779056	25	65	100	59	24	25	M18	2	2.28	
	SK40AD/B-EMH32C-100	P2779057	32	72	100	64	24	28	M20	2	2.50	
	50	SK50AD/B-EMH6C-63	P2779058	6	25	63	35	18	-	M6	1	2.70
		SK50AD/B-EMH8C-63	P2779059	8	28	63	35	18	-	M8	1	2.70
SK50AD/B-EMH10C-63		P2779060	10	35	63	39	20	-	M10	1	2.90	
SK50AD/B-EMH12C-63		P2779061	12	42	63	46	22.5	-	M12	1	2.90	
SK50AD/B-EMH14C-63		P2779062	14	44	63	46	22.5	-	M12	1	2.90	
SK50AD/B-EMH16C-63		P2779063	16	48	63	46	24	-	M14	1	3.00	
SK50AD/B-EMH18C-63		P2779064	18	50	63	46	24	-	M14	1	3.00	
SK50AD/B-EMH20C-63		P2779065	20	52	63	56	25	-	M16	1	3.05	
SK50AD/B-EMH25C-80		P2779066	25	65	80	60	24	25	M18	2	3.73	
SK50AD/B-EMH32C-100		P2779067	32	72	100	64	24	28	M20	2	4.53	
SK50AD/B-EMH40C-120		P2779068	40	80	120	74	30	32	M20	2	4.77	
SK50AD/B-EMH50C-125		P2779069	50	100	125	84	35	35	M24	2	7.03	

▶ CAT(ASME B5.50) taper and Inch type products are available.

▶ Standard End Mill Holder is for a cutting tool with Weldon shank and End Mill Holder for a cutting tool with Whistle notch is available upon request.

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

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



SHELL MILL
ARBOR

SMA

SHELL MILL ARBOR

AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES
MANDRINO CON TRASCINAMENTO FISSO
PORTA FRESAS



FIG.1

FIG.2

DIN 69871-SK

AT3

6.3G

15,000 RPM

AD

TAPER No.	MODEL No.	EDP No.	D1	D2	L	H	BOLT	WEIGHT (Kg)
30	SK30-SMA16-50	P2778901	16	32	50	17	M8x16L	0.85
	SK30-SMA22-50	P2778902	22	40	50	19	M10x18L	0.90
	SK30-SMA27-50	P2778903	27	48	50	21	M12x22L	1.03
40	SK40-SMA16-60	P2778904	16	32	60	17	M8x16L	0.35
	SK40-SMA16-120	P2778915	16	32	120	17	M8x16L	1.70
	SK40-SMA22-60	P2778905	22	40	60	19	M10x18L	1.45
	SK40-SMA22-120	P2778916	22	40	120	19	M10x18L	1.80
	SK40-SMA27-60	P2778906	27	48	60	21	M12x22L	1.70
	SK40-SMA27-120	P2778917	27	48	120	21	M12x22L	2.40
	SK40-SMA32-60	P2778907	32	58	60	24	M16x26L	1.80
	SK40-SMA32-120	P2778918	32	58	120	24	M16x26L	3.70
	SK40-SMA40-60	P2778908	40	70	60	27	M20x30L	3.10
	50	SK50-SMA16-75	P2778909	16	32	75	17	M8x16L
SK50-SMA16-120		P2778919	16	32	120	17	M8x16L	3.90
SK50-SMA22-75		P2778910	22	40	75	19	M10x18L	3.10
SK50-SMA22-120		P2778920	22	40	120	19	M10x18L	4.40
SK50-SMA27-75		P2778911	27	48	75	21	M12x22L	3.40
SK50-SMA27-120		P2778921	27	48	120	21	M12x22L	4.70
SK50-SMA32-75		P2778912	32	58	75	24	M16x26L	3.80
SK50-SMA32-120		P2778922	32	58	120	24	M16x26L	5.00
SK50-SMA40-75		P2778913	40	70	75	27	M20x30L	4.50
SK50-SMA40-120		P2778923	40	70	120	27	M20x30L	6.05
SK50-SMA50-75		P2778914	50	90	75	30	M24x36L	5.90

▶ CAT(ASME B5.50) taper and Inch type products are available.

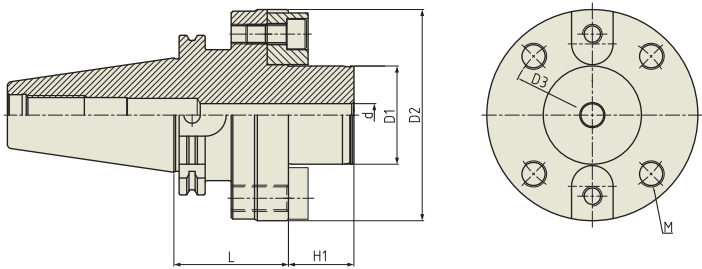
▶ For parts, please refer to page D307.



SMF

SHELL MILL ARBOR (FLANGE MOUNTING)

AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES
MANDRINO CON TRASCINAMENTO FISSO
PORTA FRESAS



Unit : mm											
TAPER No.	MODEL No.	EDP No.	d	D1	D2	D3	L	H1	M (TAP)	DRIVE KEY & BOLT	WEIGHT (Kg)
50	SK50-SMF40-70	P2524024	14	40	89	66.7	70	30	4-M12	15.9 x 16 x 21.5, M6-15L	-
	SK50-SMF60-70	P2800061	14	60	129	101.6	70	40	4-M16	25.4 x 25.4 x 31.5, M12-25L	-

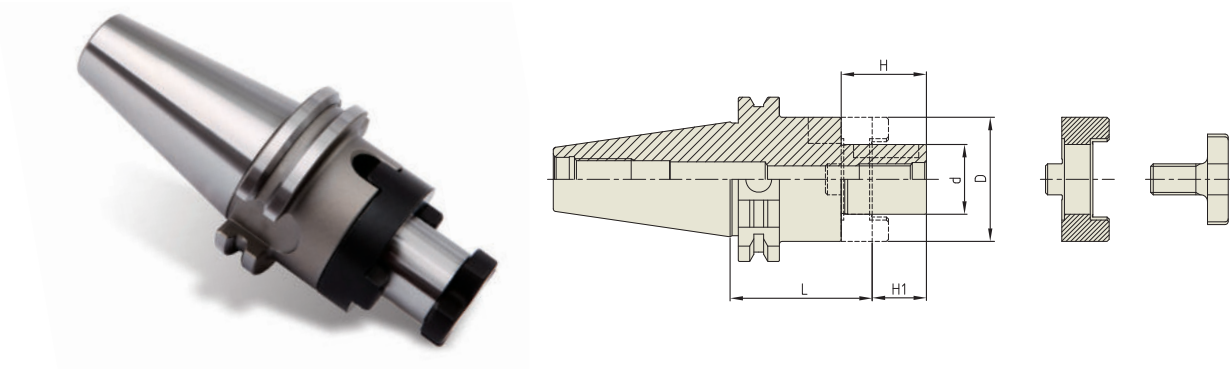
► CAT(ASME B5.50) taper and Inch type products are available.



CMA

COMBI-SHELL MILL ARBOR

KOMBI-AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES COMBINÉS
MANDRINO PORTA FRESE
PORTA FRESAS COMBINADO



Unit : mm								
TAPER No.	MODEL No.	EDP No.	d	L	D	H1	H	WEIGHT (Kg)
30	SK30-CMA16-50	P2524001	16	50	32	17	27	0.58
	SK30-CMA22-50	P2524002	22	50	40	19	31	0.71
	SK30-CMA27-55	P2524003	27	55	48	21	33	0.78
40	SK40-CMA16-55	P2524004	16	55	32	17	27	1.03
	SK40-CMA16-100	P2524015	16	100	32	17	27	1.27
	SK40-CMA22-55	P2524005	22	55	40	19	31	1.17
	SK40-CMA22-100	P2524016	22	100	40	19	31	1.59
	SK40-CMA27-55	P2524006	27	55	48	21	33	1.37
	SK40-CMA27-100	P2524017	27	100	48	21	33	1.94
	SK40-CMA32-60	P2524007	32	60	58	24	38	1.6
	SK40-CMA32-100	P2524018	32	100	58	24	38	2.40
	SK40-CMA40-60	P2524008	40	60	70	27	41	2.31
50	SK50-CMA16-55	P2524009	16	55	32	17	27	2.81
	SK50-CMA16-100	P2524019	16	100	32	17	27	3.07
	SK50-CMA22-55	P2524010	22	55	40	19	31	2.91
	SK50-CMA22-100	P2524020	22	100	40	19	31	3.38
	SK50-CMA27-55	P2524011	27	55	48	21	33	3.15
	SK50-CMA27-100	P2524021	27	100	48	21	33	3.76
	SK50-CMA32-55	P2524012	32	55	58	24	38	3.41
	SK50-CMA32-100	P2524022	32	100	58	24	38	4.23
	SK50-CMA40-55	P2524013	40	55	70	27	41	3.78
	SK50-CMA40-100	P2524023	40	100	70	27	41	5.06
	SK50-CMA50-70	P2524014	50	70	90	30	46	5.35

► CAT(ASME B5.50) taper and Inch type products are available.
► For parts, please refer to page D312.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



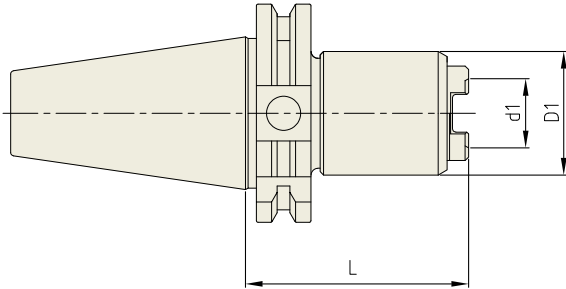
SYNCHRO
TAPPING CHUCK

SYTC

SYNCHRO TAPPING CHUCK (QUICK CHANGE TYPE)

SYNCHRO GEWINDESCHNEID-SCHNELLWECHSELFUTTER
SYNCHRO TARAUDER À CHANGEMENT RAPIDE
SINCRO MANDRINO PER MASCHIARE
SINCRO PORTAMACHOS DE CAMBIO RAPIDO





DIN
69871-
SK

AT3

A

Unit : mm								
TAPER No.	MODEL No.	EDP No.	TAP SIZE	TAP ADAPTOR	d1	D1	L	WEIGHT (Kg)
30	SK30-SYTC12-65	P2774207	M3-M12	TCS12	19	36	65	0.50
	SK30-SYTC20-89	P2774208	M6-M24	TCS24	31	50	89	1.00
40	SK40-SYTC12-65	P2774201	M3-M12	TCS12	19	36	65	1.10
	SK40-SYTC20-79	P2774202	M6-M24	TCS24	31	50	79	1.50
	SK40-SYTC33-115	P2774203	M18-M38	TCS38	48	74	115	3.30
50	SK50-SYTC12-65	P2774204	M3-M12	TCS12	19	36	65	3.00
	SK50-SYTC20-79	P2774205	M6-M24	TCS24	31	50	79	3.30
	SK50-SYTC33-115	P2774206	M18-M38	TCS38	48	74	115	5.20

► Feature :

- Compensation for synchronization errors to extend tap life and to improve thread quality.

- To compensate for pitch tolerances of taps.

- For machine with synchronized spindle.

► CAT(ASME B5.50) taper and Inch type products are available.

► For applicable Tap Adaptor, please refer to the page D318~D319.

D54

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



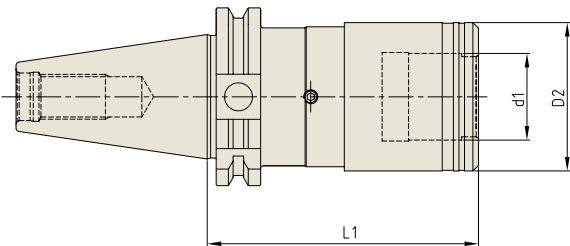
ONE STEP
TAPPING CHUCK

OTC

ONE STEP TAPPING CHUCK

GEWINDE-SCHNELLWECHSELFUTTER
MANDRIN DE TARAUDAGE À CHANGEMENT RAPIDE
PORTAMASCHI A CAMBIO RAPIDO
MANDRINO DE CAMBIO RÁPIDO CON ROSCA





DIN
69871-
SK

AT3

A

Unit : mm								
TAPER No.	MODEL No.	EDP No.	d1	D2	L1	LENGTH COMPENSATION		WEIGHT (Kg)
						Compression	Tension	
40	SK40-OTC-M3-M12-59.5	P2802351	19	36	59	7.5	7.5	1.10
	SK40-OTC-M8-M20-97	P2802352	31	53	97	12.5	12.5	1.50
	SK40-OTC-M14-M36-149	P2802353	48	78	149	20	20	3.30
50	SK50-OTC-M3-M12-59	P2802354	19	36	59	7.5	7.5	3.00
	SK50-OTC-M8-M20-83	P2802355	31	53	83	12.5	12.5	3.30
	SK50-OTC-M14-M36-138	P2802356	48	78	138	20	20	5.20

► CAT(ASME B5.50) taper and Inch type products are available.

► For applicable Tap Adaptor, please refer to the page D318~D319.

 YG-1 CO., LTD.

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

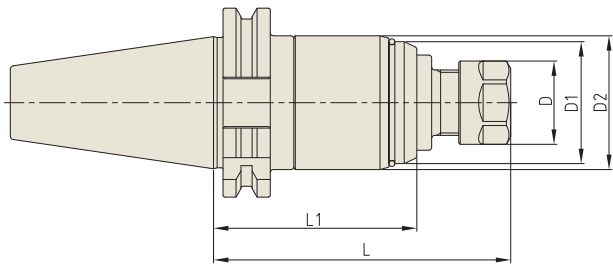
D55

TAPPING ER
CHUCK

TER

TAPPING ER CHUCK

ER - GEWINDESCHNEIDFUTTER
MANDRIN DE TARAUDAGE PINCE ER
MANDRINI PORTAPINZA ER PER MASCHIATURA
PORTAPINZAS ER PARA MACHOS



Unit : mm									
TAPER No.	MODEL No.	EDP No.	D	D1	D2	L	L1	NUT / COLLET	WEIGHT (Kg)
40	SK40-TER16-100	P2774001	28	41	45	100	68.4	ER16	1.65
	SK40-TER16-150	P2774002	28	41	45	150	118.4	ER16	1.85
	SK40-TER32-130	P2774003	50	58	63	130	92	ER32	2.10
	SK40-TER32-150	P2774004	50	58	63	150	112	ER32	2.30
50	SK50-TER16-115	P2774005	28	41	45	115	79.4	ER16	4.30
	SK50-TER16-150	P2774006	28	41	45	150	114.4	ER16	4.50
	SK50-TER32-120	P2774007	50	58	63	120	83	ER32	4.65
	SK50-TER32-150	P2774008	50	58	63	150	113	ER32	4.85

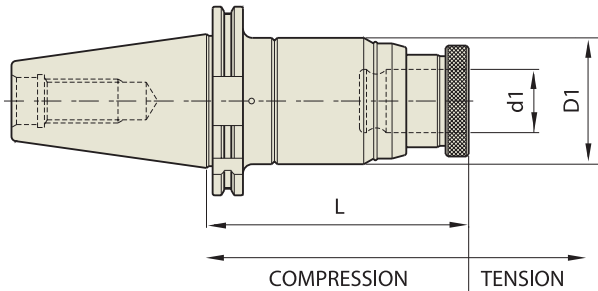
- ▶ CAT(ASME B5.50) taper and Inch type products are available.
- ▶ ER collet of page D296~D302, and Tap ER collet of page D303~D304 are applicable.

TAPPING
CHUCK

TC

TAPPING CHUCK

GEWINDESCHNEID - SCHNELLWECHSELFUTTER
TARAUDER À CHANGEMENT RAPIDE
MANDRINO PER MASCHIARE
PORTAMACHOS DE CAMBIO RAPIDO



Unit : mm										
TAPER No.	MODEL No.	EDP No.	TAP SIZE	TAP ADAPTOR	LENGTH COMPENSATION		d1	D1	L	WEIGHT (Kg)
					Compression	Tension				
40	SK40-TC12-90	P2520001	M3-M12	TCS12	5	15	19	45	90	1.30
	SK40-TC12-130	P2520006	M3-M12	TCS12	5	15	19	45	130	1.80
	SK40-TC24-120	P2520002	M6-M24	TCS24	5	20	31	63	120	2.50
	SK40-TC24-142	P2520007	M6-M24	TCS24	5	20	31	63	142	2.80
50	SK50-TC12-130	P2520003	M3-M12	TCS12	5	15	19	45	130	4.30
	SK50-TC12-175	P2520008	M3-M12	TCS12	5	15	19	45	175	5.50
	SK50-TC24-142	P2520004	M6-M24	TCS24	5	20	31	63	142	5.30
	SK50-TC24-187	P2520009	M6-M24	TCS24	5	20	31	63	187	7.80
	SK50-TC38-175	P2520005	M18-M38	TCS38	10	25	48	98	175	7.50

- ▶ CAT(ASME B5.50) taper and Inch type products are available.
- ▶ For applicable Tap Adaptor, please refer to page D318~D319.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

NC DRILL CHUCK

NPU

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

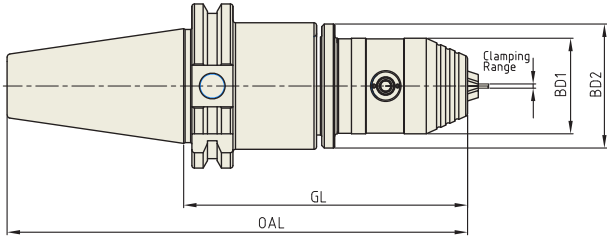
ACCESSORY
& PARTS

NC DRILL CHUCK

HKD

NC DRILL CHUCK (KEYLESS TYPE)

NC - BOHRFUTTER
MANDRIN DE PERÇAGE NC
NC MANDRINI PORTA PUNTE
PORTABROCAS PARA BROCAS NC



DIN 69871-SK

AT3

A

Unit : mm								
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	OAL	GL	BD1	BD2	WEIGHT (Kg)
40	SK40-NPU8-80	P2802201	0.3 - 8.0	158.4	90	37	48	-
	SK40-NPU8-110	P2802202	0.3 - 8.0	168.4	100	50.1	50.1	-
	SK40-NPU8-150	P2802203	0.3 - 8.0	178.4	110	37	48	-
	SK40-NPU13-95	P2802204	1.0 - 13.0	198.4	130	50.1	50.1	-
	SK40-NPU13-130	P2802205	1.0 - 13.0					

- CAT(ASME B5.50) taper and Inch type products are available.
- Supplied with hex. wrench. (Size HKD 8 : 4mm, HKD 13 : 6mm)

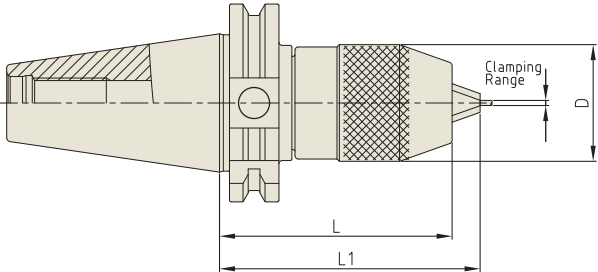
YG-1 CO., LTD.

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

D61

NC DRILL CHUCK (HEX. KEY TYPE)

NC - BOHRFUTTER
MANDRIN DE PERÇAGE NC
NC MANDRINI PORTA PUNTE
PORTABROCAS PARA BROCAS NC



DIN 69871-SK

AT3

A

Unit : mm							
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	D	L (Min.)	L1 (Max.)	WEIGHT (Kg)
40	SK40-NPU8-80	P2802201	0.3 - 8.0	36.5	80	85.7	-
	SK40-NPU8-110	P2802202	0.3 - 8.0	36.5	110	115.7	-
	SK40-NPU8-150	P2802203	0.3 - 8.0	36.5	150	155.7	-
	SK40-NPU13-95	P2802204	1.0 - 13.0	50	95	105	-
	SK40-NPU13-130	P2802205	1.0 - 13.0	50	130	140	-
	SK40-NPU13-150	P2802206	1.0 - 13.0	50	150	160	-
50	SK50-NPU8-80	P2802207	0.3 - 8.0	36.5	80	85.7	-
	SK50-NPU8-110	P2802208	0.3 - 8.0	36.5	110	115.7	-
	SK50-NPU8-150	P2802209	0.3 - 8.0	36.5	150	155.7	-
	SK50-NPU13-95	P2802210	1.0 - 13.0	50	95	105	-
	SK50-NPU13-130	P2802211	1.0 - 13.0	50	130	140	-
	SK50-NPU13-150	P2802212	1.0 - 13.0	50	150	160	-

- CAT(ASME B5.50) taper and Inch type products are available.
- Supplied with hook wrench. (Size NPU 8 : 8S, NPU 13 : 13S)

YG-1 CO., LTD.

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

D60

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

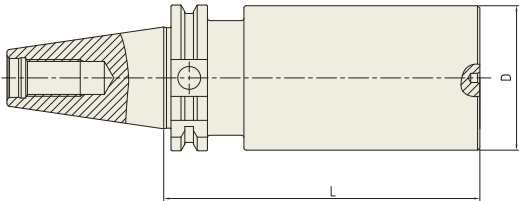


BLANK
BAR

BL

BLANK BAR

BOHRSTANGENROHLING
EBAUCHE DE BARRES D ALÉSAGE
BARRA ALESATRICE GREZZA
PIEZA EN BRUTO PARA BARRAS DE MANDRINAR



DIN
69871-
SK

AT3

A

TAPER No.	MODEL No.	EDP No.	D	L	WEIGHT(Kg)
40	SK40A-BL63-250	P2779196	63	250	6.18
50	SK50A-BL97-315	P2779197	97	315	18.67

Unit : mm

► CAT(ASME B5.50) taper and Inch type products are available.

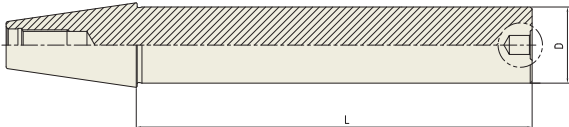


TEST
BAR

TB

TEST BAR

KONTROLLDORN
MANDRIN DE CONTRÔLE
MANDRINO DI CONTROLLO
MANDRIL DE CONTROL



DIN
69871-
SK

AT3

≤3μm

A

TAPER No.	MODEL No.	EDP No.	D	L	WEIGHT(Kg)
40	SK40A-TB40-300	P2802301	40	300	3.45
50	SK50A-TB50-300	P2803302	50	300	6.44

Unit : mm

► CAT(ASME B5.50) taper and Inch type products are available.

YG-1 TOOLING SYSTEM

CBT
(BT DUAL CONTACT)



HYDRAULIC CHUCK

SHRINK FIT HOLDER

ER COLLET CHUCK

END MILL HOLDER (SIDE LOCK ARBOR)

SHELL MILL ARBOR

COMBI-SHELL MILL ARBOR

POWER MILLING CHUCK

SK SLIM CHUCK

TAPPING ER CHUCK

FACE MILL ARBOR

NC DRILL CHUCK

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

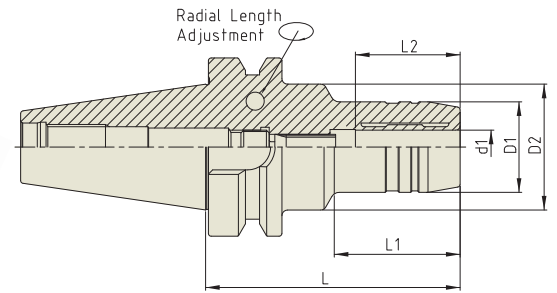


HYDRAULIC
CHUCK

HCR

HYDRAULIC CHUCK (RADIAL TOOL LENGTH PRE-SETTING TYPE)

HYDRAULIK SPANNFUTTER (RADIALE WERKZEUGLÄGEN VOREINSTELLUNG)
MANDRIN HYDRAULIQUE (BANC DE PRÉ-RÉGLAGE RADIAL)
MANDRINI IDRAULICI (UTENSILI RADIALI PER AZZERAMENTO)
PORTAHERRAMIENTAS HIDRAULICO (AJUSTE DE LONGITUD TIPO PRE-SETTING)



CBT

AT3

2.5G

25,000 RPM

≤3μm (at 3D)

AD

Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	WEIGHT (Kg)
30	CBT30-HCR12-85	P2770551	12	32	44.5	85	40	37	0.90
	CBT30-HCR20-85	P2770552	20	44	44	85	-	42	1.00
40	CBT40-HCR12-90	P2770553	12	32	44.5	90	42.5	37	1.50
	CBT40-HCR20-90	P2770554	20	42	44.5	90	47.5	42	1.60
	CBT40-HCR32-105	P2770555	32	60	60	105	-	55	2.20
50	CBT50-HCR12-95	P2770556	12	32	44.5	95	34	37	3.90
	CBT50-HCR20-100	P2770557	20	42	44.5	100	44	42	4.00
	CBT50-HCR32-115	P2770558	32	60	60	115	-	55	4.10

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

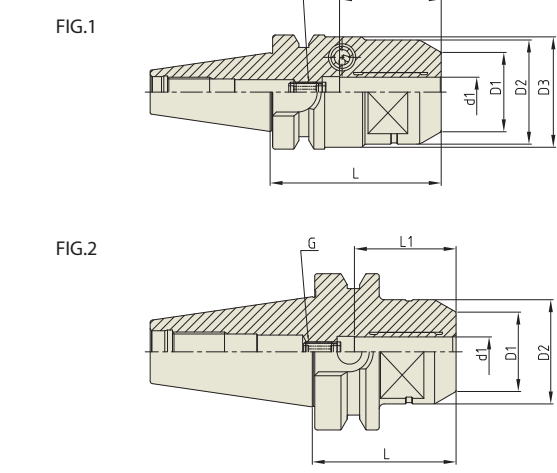


HYDRAULIC
CHUCK

HCP

HYDRAULIC CHUCK (Power E Hydro)

HYDRAULIK SPANNFUTTER (POWER E HYDRO)
MANDRIN HYDRAULIQUE (POWER E HYDRO)
MANDRINI IDRAULICI (POWER E HYDRO)
PORTAHERRAMIENTAS HIDRAULICO (POWER E HYDRO)



CBT

AT3

2.5G

25,000 RPM

≤3μm (at 3D)

AD

Unit : mm											
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	D3	L	L1	G	FIG.	WEIGHT (Kg)
30	CBT30-HC12P-69	P2776606P	12	32	42	44.5	69	41	M8x1.0	1	0.80
	CBT30-HC20P-90	P2776607P	20	38	42	44.5	90	48	M8x1.0	1	0.90
40	CBT40-HC12P-58	P2776608P	12	32	42	-	58	41	M8x1.0	2	1.10
	CBT40-HC20P-72.5	P2776609P	20	38	49.25	-	72.5	48	M8x1.0	2	1.40

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D64

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

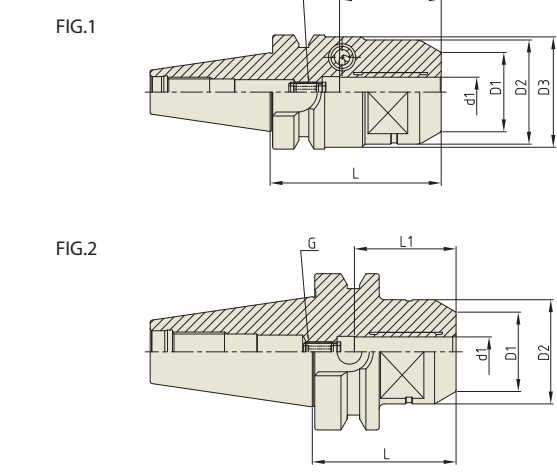


HYDRAULIC
CHUCK

HCP

HYDRAULIC CHUCK (Power E Hydro)

HYDRAULIK SPANNFUTTER (POWER E HYDRO)
MANDRIN HYDRAULIQUE (POWER E HYDRO)
MANDRINI IDRAULICI (POWER E HYDRO)
PORTAHERRAMIENTAS HIDRAULICO (POWER E HYDRO)



CBT

AT3

2.5G

25,000 RPM

≤3μm (at 3D)

AD

Unit : mm											
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	D3	L	L1	G	FIG.	WEIGHT (Kg)
30	CBT30-HC12P-69	P2776606P	12	32	42	44.5	69	41	M8x1.0	1	0.80
	CBT30-HC20P-90	P2776607P	20	38	42	44.5	90	48	M8x1.0	1	0.90
40	CBT40-HC12P-58	P2776608P	12	32	42	-	58	41	M8x1.0	2	1.10
	CBT40-HC20P-72.5	P2776609P	20	38	49.25	-	72.5	48	M8x1.0	2	1.40

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

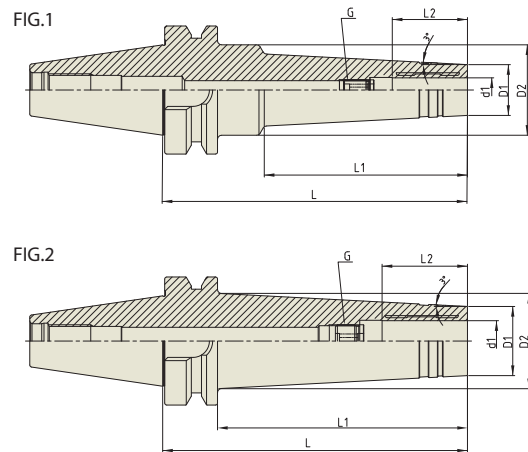
D65

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.



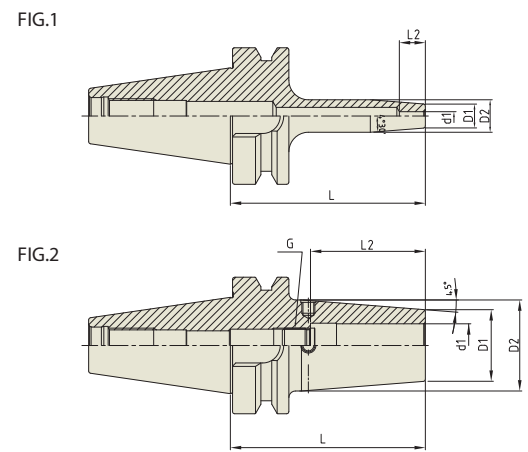
HYDRAULIK SPANNFUTTER FÜR DEN FORMENBAU
MANDRIN HYDRAULIQUE POUR MOULISTE
MANDRINI IDRAULICI PER STAMPAGGIO
PORTAHERRAMIENTAS HIDRAULICO PARA MOLDES



- ▶ Inch type products are available.
- ▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
- ▶ For applicable Hydraulic Chuck collet, please refer to page D291~D294.



SCHRUMPFUTTER
MANDRIN DE FRETAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR



▶ NEXT PAGE

- ▶ Inch type products are available.
- ▶ Supplied without balancing screws.
- ▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

**SFH**

SHRINK FIT HOLDER (COOLANT CHANNEL)

SCHRUMPFUTTER
MANDRIN DE FRETAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR



FIG.1

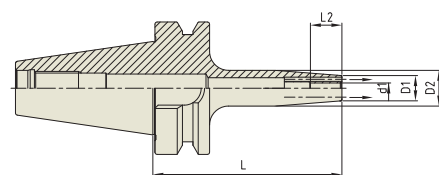
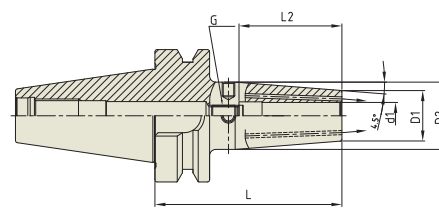
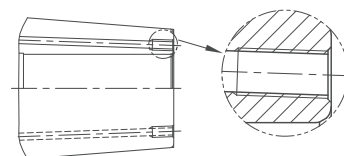


FIG.2



										Unit : mm
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L2	G	FIG.	WEIGHT (Kg)
40	CBT40-SFH3C-90* ¹	P2862160C	3	12	17	90	10	-	1	-
	CBT40-SFH4C-90* ¹	P2862161C	4	12	17	90	12	-	1	-
	CBT40-SFH5C-90* ¹	P2862162C	5	12	17	90	15	-	1	-
	CBT40-SFH6C-90	P2862049C	6	21	27	90	36	M5x0.8	2	1.10
	CBT40-SFH6C-130	P2862184C	6	21	27	130	36	M5x0.8	2	-
	CBT40-SFH6C-160	P2862050C	6	21	27	160	36	M5x0.8	2	1.15
	CBT40-SFH8C-90	P2862051C	8	21	27	90	36	M6x1.0	2	1.11
	CBT40-SFH8C-130	P2862185C	8	21	27	130	36	M6x1.0	2	-
	CBT40-SFH8C-160	P2862052C	8	21	27	160	36	M6x1.0	2	1.15
	CBT40-SFH10C-90	P2862053C	10	24	32	90	41	M8x1.0	2	1.10
	CBT40-SFH10C-130	P2862186C	10	24	32	130	41	M8x1.0	2	-
	CBT40-SFH10C-160	P2862054C	10	24	32	160	41	M8x1.0	2	1.15
	CBT40-SFH12C-90	P2862055C	12	24	32	90	47	M10x1.0	2	1.10
	CBT40-SFH12C-130	P2862187C	12	24	32	130	47	M10x1.0	2	-
	CBT40-SFH12C-160	P2862056C	12	24	32	160	47	M10x1.0	2	1.15
	CBT40-SFH14C-90	P2862057C	14	27	34	90	47	M10x1.0	2	1.20
	CBT40-SFH14C-130	P2862188C	14	27	34	130	47	M10x1.0	2	-
	CBT40-SFH14C-160	P2862058C	14	27	34	160	47	M10x1.0	2	1.50
	CBT40-SFH16C-90	P2862059C	16	27	34	90	50	M12x1.0	2	1.20
	CBT40-SFH16C-130	P2862189C	16	27	34	130	50	M12x1.0	2	-
CBT40-SFH16C-160	P2862060C	16	27	34	160	50	M12x1.0	2	1.50	
CBT40-SFH18C-90	P2862061C	18	33	42	90	50	M12x1.0	2	1.30	
CBT40-SFH18C-130	P2862190C	18	33	42	130	50	M12x1.0	2	-	
CBT40-SFH18C-160	P2862062C	18	33	42	160	50	M12x1.0	2	1.60	

- ▶ Inch type products are available.
- ▶ Supplied without balancing screws.
- ▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
- ▶ With two coolant channel bores.
- ▶ Resealable coolant channel type is available upon request.
(Thread for plugging screw & 2 screws)
- ▶ *1 Resealable type is not available.



▶ NEXT PAGE

**SFH**

SHRINK FIT HOLDER (COOLANT CHANNEL)

SCHRUMPFUTTER
MANDRIN DE FRETTAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR



FIG.1

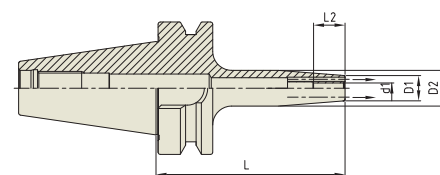
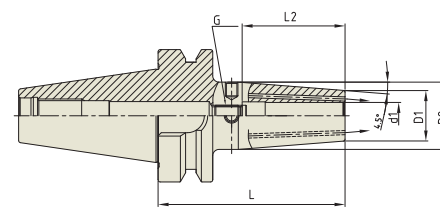
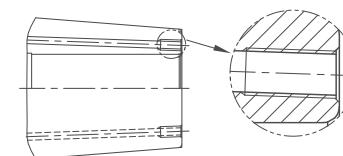


FIG.2



										Unit : mm
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L2	G	FIG.	WEIGHT (Kg)
40	CBT40-SFH20C-90	P2862063C	20	33	42	90	52	M16x1.0	2	1.40
	CBT40-SFH20C-130	P2862191C	20	33	42	130	52	M16x1.0	2	-
	CBT40-SFH20C-160	P2862064C	20	33	42	160	52	M16x1.0	2	1.70
	CBT40-SFH25C-100	P2862065C	25	44	53	100	58	M16x1.0	2	1.70
	CBT40-SFH25C-130	P2862192C	25	44	53	130	58	M16x1.0	2	-
	CBT40-SFH25C-160	P2862066C	25	44	53	160	58	M16x1.0	2	2.00
50	CBT50-SFH3C-100*1	P2862172C	3	12	17	100	10	-	1	-
	CBT50-SFH4C-100*1	P2862173C	4	12	17	100	12	-	1	-
	CBT50-SFH5C-100*1	P2862174C	5	12	17	100	15	-	1	-
	CBT50-SFH6C-100	P2862067C	6	21	27	100	36	M5x0.8	2	1.50
	CBT50-SFH6C-130	P2862193C	6	21	27	130	36	M5x0.8	2	-
	CBT50-SFH6C-160	P2862068C	6	21	27	160	36	M5x0.8	2	2.00
	CBT50-SFH6C-200	P2862194C	6	21	27	200	36	M5x0.8	2	-
	CBT50-SFH8C-100	P2862069C	8	21	27	100	36	M6x1.0	2	1.50
	CBT50-SFH8C-130	P2862195C	8	21	27	130	36	M6x1.0	2	-
	CBT50-SFH8C-160	P2862070C	8	21	27	160	36	M6x1.0	2	2.00
	CBT50-SFH8C-200	P2862196C	8	21	27	200	36	M6x1.0	2	-
	CBT50-SFH10C-100	P2862071C	10	24	32	100	42	M8x1.0	2	1.10
	CBT50-SFH10C-130	P2862197C	10	24	32	130	42	M8x1.0	2	-
	CBT50-SFH10C-160	P2862072C	10	24	32	160	42	M8x1.0	2	1.15
	CBT50-SFH10C-200	P2862198C	10	24	32	200	42	M8x1.0	2	-
	CBT50-SFH12C-100	P2862073C	12	24	32	100	47	M10x1.0	2	1.60
	CBT50-SFH12C-130	P2862199C	12	24	32	130	47	M10x1.0	2	-
	CBT50-SFH12C-160	P2862074C	12	24	32	160	47	M10x1.0	2	2.10

- ▶ Inch type products are available.
- ▶ Supplied without balancing screws.
- ▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
- ▶ With two coolant channel bores.
- ▶ Resealable coolant channel type is available upon request.
(Thread for plugging screw & 2 screws)
- ▶ ^{*1} Resealable type is not available.



▶ NEXT PAGE

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



SHELL MILL
ARBOR

SMA

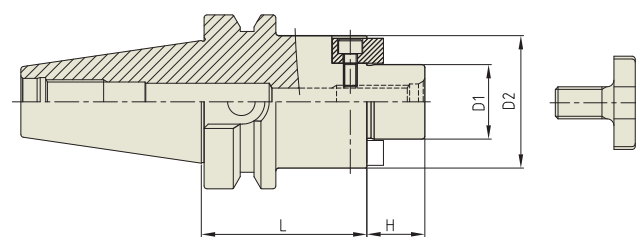
SHELL MILL ARBOR

AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG

MANDRIN PORTE-FRAISES

MANDRINO CON TRASCINAMENTO FISSO

PORTA FRESAS



CBT

AT3

2.5G

25,000
RPM

AD

Unit : mm								
TAPER No.	MODEL No.	EDP No.	D1	D2	L	H	BOLT	WEIGHT (Kg)
30	CBT30-SMA16-50	P2778701	16	32	50	17	M8x16L	0.58
	CBT30-SMA22-50	P2778702	22	40	50	19	M10x18L	0.70
	CBT30-SMA27-50	P2778703	27	48	50	21	M12x22L	0.85
40	CBT40-SMA16-60	P2778704	16	32	60	17	M8x16L	1.17
	CBT40-SMA16-120	P2778715	16	32	120	17	M8x16L	1.50
	CBT40-SMA22-60	P2778705	22	40	60	19	M10x18L	1.31
	CBT40-SMA22-120	P2778716	22	40	120	19	M10x18L	1.85
	CBT40-SMA27-60	P2778706	27	48	60	21	M12x22L	1.48
	CBT40-SMA27-120	P2778717	27	48	120	21	M12x22L	2.27
	CBT40-SMA32-60	P2778707	32	58	60	24	M16x26L	1.72
	CBT40-SMA32-120	P2778718	32	58	120	24	M16x26L	2.90
50	CBT40-SMA40-60	P2778708	40	70	60	27	M20x30L	2.00
	CBT50-SMA16-75	P2778709	16	32	75	17	M8x16L	3.75
	CBT50-SMA16-120	P2778719	16	32	120	17	M8x16L	4.03
	CBT50-SMA22-75	P2778710	22	40	75	19	M10x18L	3.90
	CBT50-SMA22-120	P2778720	22	40	120	19	M10x18L	4.25
	CBT50-SMA27-75	P2778711	27	48	75	21	M12x22L	4.09
	CBT50-SMA27-120	P2778721	27	48	120	21	M12x22L	4.56
	CBT50-SMA32-75	P2778712	32	58	75	24	M16x26L	4.35
	CBT50-SMA32-120	P2778722	32	58	120	24	M16x26L	5.22
	CBT50-SMA40-75	P2778713	40	70	75	27	M20x30L	4.77
	CBT50-SMA40-120	P2778723	40	70	120	27	M20x30L	6.04
	CBT50-SMA50-75	P2778714	50	90	75	30	M24x36L	5.63

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► For parts, please refer to page D311.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



SHELL MILL
ARBOR

SMA

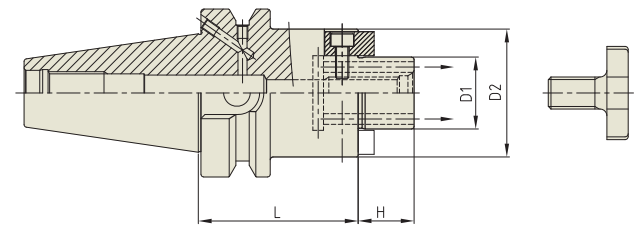
SHELL MILL ARBOR (COOLANT CHANNEL & SMALL FACE)

AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG

MANDRIN PORTE-FRAISES

MANDRINO CON TRASCINAMENTO FISSO

PORTA FRESAS



CBT

AT3

2.5G

25,000
RPM

AD/B+C

Unit : mm								
TAPER No.	MODEL No.	EDP No.	D1	D2	L	H	BOLT	WEIGHT (Kg)
40	CBT40AD/B-SMA16C-60	P2801047C	16	32	60	17	M8x16L	1.20
	CBT40AD/B-SMA16C-120	P2801058C	16	32	120	17	M8x16L	1.20
	CBT40AD/B-SMA22C-60	P2801048C	22	40	60	19	M10x18L	1.27
	CBT40AD/B-SMA22C-120	P2801059C	22	40	120	19	M10x18L	1.84
	CBT40AD/B-SMA27C-60	P2801049C	27	48	60	21	M12x22L	1.44
	CBT40AD/B-SMA27C-120	P2801060C	27	48	120	21	M12x22L	2.26
50	CBT50AD/B-SMA16C-60	P2803407C	16	32	60	17	M8x16L	3.00
	CBT50AD/B-SMA16C-120	P2801062C	16	32	120	17	M8x16L	3.30
	CBT50AD/B-SMA22C-75	P2801053C	22	40	75	19	M10x18L	3.83
	CBT50AD/B-SMA22C-120	P2801063C	22	40	120	19	M10x18L	4.24
	CBT50AD/B-SMA27C-75	P2801054C	27	48	75	21	M12x22L	4.03
	CBT50AD/B-SMA27C-120	P2801064C	27	48	120	21	M12x22L	4.64
	CBT50AD/B-SMA32C-75	P2801055C	32	58	75	24	M16x26L	4.31
	CBT50AD/B-SMA32C-120	P2801065C	32	58	120	24	M16x26L	5.19
	CBT50AD/B-SMA40C-75	P2801056C	40	70	75	27	M20x30L	4.75
	CBT50AD/B-SMA40C-120	P2801066C	40	70	120	27	M20x30L	6.02

► Inch type products are available.

► With "Coolant Through" by coolant channels.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► For parts, please refer to page D311.

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



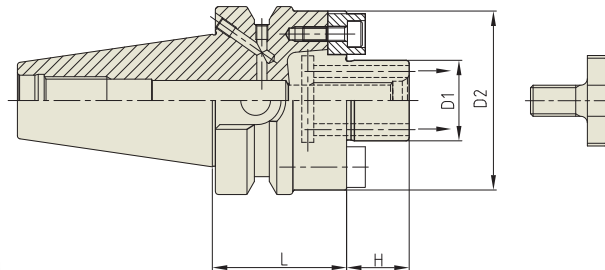
SHELL MILL
ARBOR

SMA

SHELL MILL ARBOR (COOLANT CHANNEL & LARGE FACE)

AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES
MANDRINO CON TRASCINAMENTO FISSO
PORTA FRESAS





CBT

AT3

2.5G

25,000 RPM

AD+C or AD/B+C

Unit : mm								
TAPER No.	MODEL No.	EDP No.	D1	D2	L	H	BOLT	WEIGHT (Kg)
30	CBT30-SMA16CE-40	P2803501CE	16	38	40	17	M8x16L	0.55
	CBT30-SMA22CE-40	P2803502CE	22	48	40	19	M10x18L	0.69
	CBT30-SMA27CE-40	P2803503CE	27	60	40	21	M12x22L	0.85
	CBT30-SMA32CE-45	P2803504CE	32	78	45	24	M16x26L	1.32
40	CBT40AD/B-SMA16CE-50	P2803505CE	16	38	50	17	M10x18L	1.14
	CBT40AD/B-SMA22CE-45	P2803506CE	22	48	45	19	M10x18L	1.22
	CBT40AD/B-SMA27CE-45	P2803507CE	27	60	45	21	M12x22L	1.39
	CBT40AD/B-SMA32CE-50	P2803508CE	32	78	50	24	M16x26L	1.80
	CBT40AD/B-SMA40CE-50	P2803509CE	40	89	50	27	M20x30L	2.05
50	CBT50AD/B-SMA22CE-55	P2803510CE	22	48	55	19	M10x18L	3.72
	CBT50AD/B-SMA27CE-55	P2803511CE	27	60	55	21	M12x22L	3.89
	CBT50AD/B-SMA32CE-55	P2803512CE	32	78	55	24	M16x26L	4.21
	CBT50AD/B-SMA40CE-55	P2803513CE	40	89	55	27	M20x30L	4.52

► Inch type products are available.

► With "Coolant Through" by coolant channels.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► For parts, please refer to page D311.

D82

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



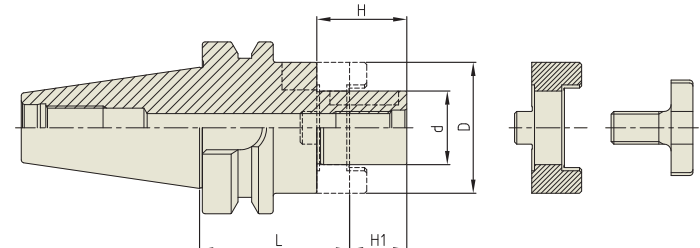
COMBI-SHELL
MILL ARBOR

CMA

COMBI-SHELL MILL ARBOR

KOMBI-AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES COMBINÉS
MANDRINO PORTA FRESE
PORTA FRESAS COMBINADO





CBT

AT3

2.5G

25,000 RPM

AD

Unit : mm								
TAPER No.	MODEL No.	EDP No.	d	L	D	H1	H	WEIGHT (Kg)
30	CBT30-CMA16-50	P2775601	16	50	32	17	27	0.61
	CBT30-CMA22-50	P2775602	22	50	40	19	31	0.70
	CBT30-CMA27-55	P2775624	27	55	48	21	33	0.92
40	CBT40-CMA16-55	P2775604	16	55	32	17	27	1.14
	CBT40-CMA16-100	P2775615	16	100	32	17	27	1.41
	CBT40-CMA22-55	P2775605	22	55	40	19	31	1.26
	CBT40-CMA22-100	P2775616	22	100	40	19	31	1.68
	CBT40-CMA27-55	P2775606	27	55	48	21	33	1.42
	CBT40-CMA27-100	P2775617	27	100	48	21	33	2.02
	CBT40-CMA32-60	P2775607	32	60	58	24	38	1.72
	CBT40-CMA32-100	P2775618	32	100	58	24	38	2.51
	CBT40-CMA40-70	P2775625	40	70	70	27	41	2.46
50	CBT50-CMA16-70	P2775609	16	70	32	17	27	3.74
	CBT50-CMA16-100	P2775619	16	100	32	17	27	3.92
	CBT50-CMA22-70	P2775610	22	70	40	19	31	3.86
	CBT50-CMA22-100	P2775620	22	100	40	19	31	4.15
	CBT50-CMA27-70	P2775611	27	70	48	21	33	4.04
	CBT50-CMA27-100	P2775621	27	100	48	21	33	4.45
	CBT50-CMA32-70	P2775612	32	70	58	24	38	4.28
	CBT50-CMA32-100	P2775622	32	100	58	24	38	4.86
	CBT50-CMA40-70	P2775613	40	70	70	27	41	4.62
	CBT50-CMA40-100	P2775623	40	100	70	27	41	5.47
	CBT50-CMA50-70	P2775614	50	70	90	30	46	5.48

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► For parts, please refer to page D312.

D83

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



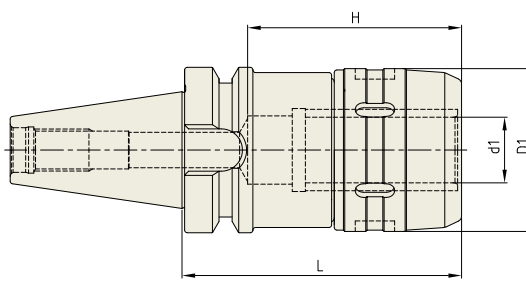
POWER MILLING
CHUCK

C

HIGH-SPEED POWER MILLING CHUCK

HOCHGESCHWINDIGKEITS FRÄSERFUTTER
MANDRIN PORTE FRAISE À GRANDE VITESSE
MANDRINI PORTA FRESA PER ALTA VELOCITÀ
PORTAHERRAMIENTAS PARA FRESADO DE ALTA VELOCIDAD





CBT

AT3

6.3G

20,000
RPM

AD

Unit : mm							
TAPER No.	MODEL No.	EDP No.	d1	D1	L	H	WEIGHT (Kg)
30	CBT30-C20-75HS	P2773251	20	54	75	70	1.50
	CBT30-C25-80HS	P2773252	25	62	80	70	2.00
40	CBT40-C20-80HS	P2773253	20	54	80	70	2.00
	CBT40-C20-105HS	P2773254	20	54	105	70	2.10
	CBT40-C25-105HS	P2773255	25	62	105	80	2.50
	CBT40-C32-90HS	P2773256	32	72	90	100	3.00
	CBT40-C32-105HS	P2773257	32	72	105	100	3.10
	CBT40-C32-135HS	P2773258	32	72	135	100	3.30
	CBT50-C20-105HS	P2773259	20	54	105	70	4.50
50	CBT50-C20-135HS	P2773260	20	54	135	70	4.90
	CBT50-C20-165HS	P2773261	20	54	165	70	5.40
	CBT50-C25-105HS	P2773262	25	62	105	80	5.20
	CBT50-C25-135HS	P2773263	25	62	135	80	5.80
	CBT50-C25-165HS	P2773264	25	62	165	80	6.20
	CBT50-C32-105HS	P2773265	32	72	105	100	6.00
	CBT50-C32-135HS	P2773266	32	72	135	100	6.70
	CBT50-C32-165HS	P2773267	32	72	165	100	7.40
	CBT50-C42-115HS	P2773268	42	92	115	110	6.70
	CBT50-C42-135HS	P2773269	42	92	135	110	7.60
	CBT50-C42-165HS	P2773270	42	92	165	110	8.30

► Inch type products are available.

► Balancing Grade is adjusted on Basic holder only without Clamping Cap.

► For applicable collet and spanner, please refer to the page D314.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



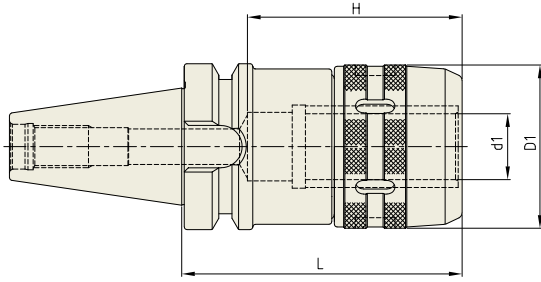
POWER MILLING
CHUCK

C

POWER MILLING CHUCK

FRÄSPANNFUTTER
MANDRIN PORTE FRAISE
MANDRINI PORTA FRESA
PORTAHERRAMIENTAS PARA FRESADO





CBT

AT3

AD

Unit : mm							
TAPER No.	MODEL No.	EDP No.	d1	D1	L	H	WEIGHT (Kg)
30	CBT30-C20-75	P2773204	20	54	75	70	1.50
	CBT30-C25-80	P2773205	25	62	80	70	2.00
40	CBT40-C20-80	P2773201	20	54	80	70	2.00
	CBT40-C20-105	P2773206	20	54	105	70	2.10
	CBT40-C25-105	P2773207	25	62	105	80	2.50
	CBT40-C32-90	P2773202	32	72	90	100	3.00
	CBT40-C32-105	P2773203	32	72	105	100	3.10
	CBT40-C32-135	P2773208	32	72	135	100	3.30
	CBT50-C20-105	P2773209	20	54	105	70	4.50
50	CBT50-C20-135	P2773210	20	54	135	70	4.90
	CBT50-C20-165	P2773211	20	54	165	70	5.40
	CBT50-C25-105	P2773212	25	62	105	80	5.20
	CBT50-C25-135	P2773213	25	62	135	80	5.80
	CBT50-C25-165	P2773214	25	62	165	80	6.20
	CBT50-C32-105	P2773215	32	72	105	100	6.00
	CBT50-C32-115	P2773216	32	72	115	100	6.20
	CBT50-C32-135	P2773217	32	72	135	100	6.70
	CBT50-C32-165	P2773218	32	72	165	100	7.40
	CBT50-C42-115	P2773219	42	92	115	110	6.70
	CBT50-C42-135	P2773220	42	92	135	110	7.60
	CBT50-C42-165	P2773221	42	92	165	110	8.30

► Inch type products are available.

► For applicable collet and spanner, please refer to the page D314.

D84

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

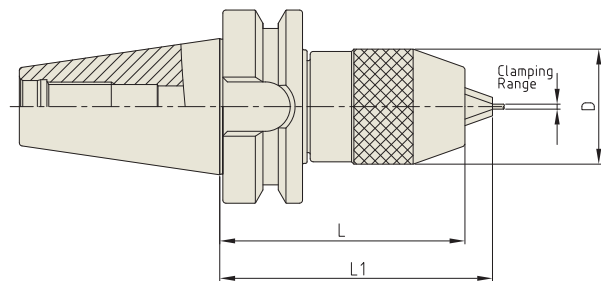
 YG-1 CO., LTD.

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

D85

NC DRILL CHUCK (KEYLESS TYPE)

NC - BOHRFUTTER
MANDRIN DE PERÇAGE NC
NC MANDRINI PORTA PUNTE
PORTABROCAS PARA BROCAS NC



Unit : mm							
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	D	L (Min.)	L1 (Max.)	WEIGHT (Kg)
30	CBT30-NPU8-75	P2776066	0.3 - 8.0	36.5	75	80.7	0.80
	CBT30-NPU13-105	P2776067	1.0 - 13.0	50.4	105	115	1.80
40	CBT40-NPU8-80	P2776068	0.3 - 8.0	36.5	80	85.7	1.50
	CBT40-NPU8-110	P2776054	0.3 - 8.0	36.5	110	115.7	1.80
	CBT40-NPU8-150	P2776055	0.3 - 8.0	36.5	150	155.7	2.60
	CBT40-NPU13-95	P2776069	1.0 - 13.0	50.4	95	105	2.10
	CBT40-NPU13-130	P2776057	1.0 - 13.0	50.4	130	140	2.70
	CBT40-NPU13-150	P2776058	1.0 - 13.0	50.4	150	160	3.40
	CBT50-NPU8-90	P2776059	0.3 - 8.0	36.5	90	95.7	4.20
50	CBT50-NPU8-110	P2776060	0.3 - 8.0	36.5	110	115.7	4.50
	CBT50-NPU8-170	P2776061	0.3 - 8.0	36.5	170	175.7	5.20
	CBT50-NPU13-105	P2776070	1.0 - 13.0	50.4	105	115	4.80
	CBT50-NPU13-130	P2776063	1.0 - 13.0	50.4	130	140	5.20
	CBT50-NPU13-150	P2776064	1.0 - 13.0	50.4	150	160	5.50
	CBT50-NPU13-190	P2776065	1.0 - 13.0	50.4	190	200	5.90

► Supplied with hook wrench. (Size NPU 8 : 8S, NPU 13 : 13S)

YG-1 TOOLING SYSTEM

BT (JIS B6339/MAS 403)



- HYDRAULIC CHUCK
- SHRINK FIT HOLDER
- ER COLLET CHUCK
- END MILL HOLDER (SIDE LOCK ARBOR)
- SHELL MILL ARBOR
- COMBI-SHELL MILL ARBOR
- POWER MILLING CHUCK
- MORSE TAPER ARBOR
- SK SLIM CHUCK
- SYNCHRO TAPPING CHUCK
- ONE STEP TAPPING CHUCK
- TAPPING ER CHUCK
- TAPPING CHUCK
- FACE MILL ARBOR
- COPY MILL ARBOR
- INDEXABLE DRILL HOLDER
- NC DRILL CHUCK
- SIDE CUTTER ARBOR
- JACOBS TAPER ARBOR
- BLANK BAR
- TEST BAR

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

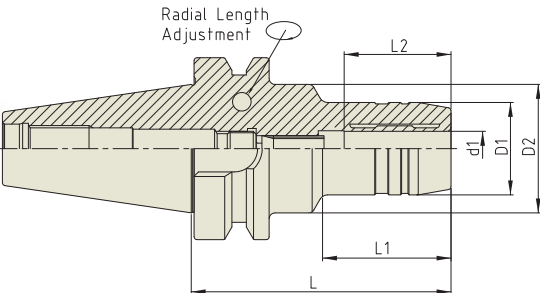


HYDRAULIC
CHUCK

HCR

HYDRAULIC CHUCK (RADIAL TOOL LENGTH PRE-SETTING TYPE)

HYDRAULIK SPANNFUTTER (RADIALE WERKZEUGLÄGEN VOREINSTELLUNG)
MANDRIN HYDRAULIQUE (BANC DE PRÉ-RÉGLAGE RADIAL)
MANDRINI IDRAULICI (UTENSILI RADIALI PER AZZERAMENTO)
PORTAHERRAMIENTAS HIDRAULICO (AJUSTE DE LONGITUD TIPO PRE-SETTING)



JIS
B6339-
BT



2.5G

25,000
RPM


≤3μm


AD, AD/B

Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	WEIGHT (Kg)
30	BT30-HCR12-85	P2770551	12	32	44.5	85	40	37	0.90
	BT30-HCR20-85	P2770552	20	44	44	85	-	42	1.00
40	BT40AD/B-HCR12-90	P2770553	12	32	44.5	90	42.5	37	1.50
	BT40AD/B-HCR20-90	P2770554	20	42	44.5	90	47.5	42	1.60
	BT40AD/B-HCR32-105	P2770555	32	60	60	105	-	55	2.20
50	BT50AD/B-HCR12-95	P2770556	12	32	44.5	95	34	37	3.90
	BT50AD/B-HCR20-100	P2770557	20	42	44.5	100	44	42	4.00
	BT50AD/B-HCR32-115	P2770558	32	60	60	115	-	55	4.10

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D94

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

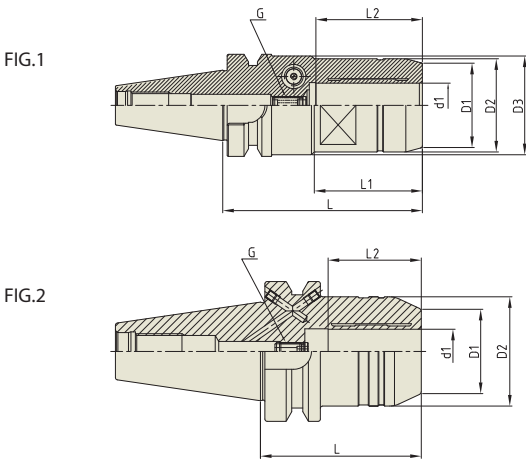


HYDRAULIC
CHUCK

HCP

HYDRAULIC CHUCK (Power E Hydro)

HYDRAULIK SPANNFUTTER (POWER E HYDRO)
MANDRIN HYDRAULIQUE (POWER E HYDRO)
MANDRINI IDRAULICI (POWER E HYDRO)
PORTAHERRAMIENTAS HIDRAULICO (POWER E HYDRO)



JIS
B6339-
BT



2.5G

25,000
RPM


≤3μm


AD, AD/B

Unit : mm												
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	D3	L	L1	L2	G	FIG.	WEIGHT (Kg)
30	BT30-HC12P-69	P2776610P	12	32	42	44.5	69	30.75	41	M8x1.0	1	0.80
	BT30-HC20P-90	P2776611P	20	38	42	44.5	90	48.75	48	M8x1.0	1	0.90
40	BT40AD/B-HC12P-58	P2776601P	12	32	42	-	58	-	41	M8x1.0	2	1.10
	BT40AD/B-HC20P-72.5	P2554001P	20	39.25	49.25	-	72.5	-	48	M8x1.0	2	1.40
50	BT50AD/B-HC20P-83.5	P2755010P	20	39.25	49.25	-	83.5	-	48	M8x1.0	2	3.90
	BT50AD/B-HC32P-90	P2558001P	32	58.5	72	-	90	-	57	M8x1.0	2	4.60

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D95

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



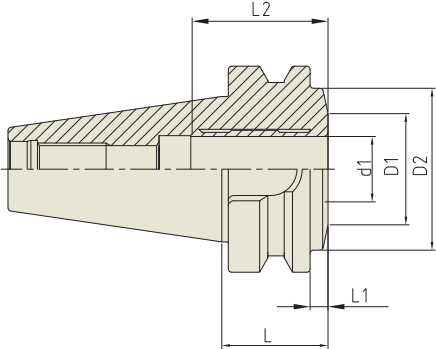
HYDRAULIC
CHUCK

HC

HYDRAULIC CHUCK (ULTRA SHORT)

HYDRAULIK SPANNFUTTER (KURZ)
MANDRIN HYDRAULIQUE (COURT)
MANDRINI IDRAULICI (CORTO)
PORTAHERRAMIENTAS HIDRAULICO (CORTO)





JIS
B6339-
BT



2.5G







Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	WEIGHT (Kg)
40	BT40-HC20-32.5	P2770642	20	34	49.5	32.5	5.5	42	0.99
50	BT50-HC32-50	P2770650	32	49	70.5	50	12	55	3.73

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D98

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



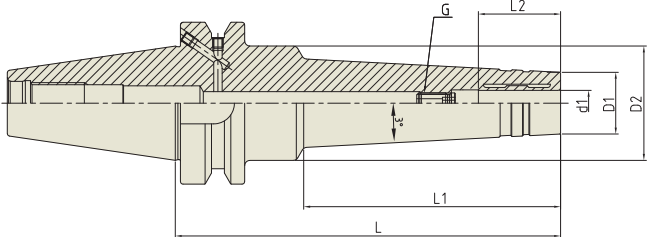
HYDRAULIC
CHUCK

HMC

HYDRAULIC CHUCK (SLIM)

HYDRAULIK SPANNFUTTER FÜR DEN FORMENBAU
MANDRIN HYDRAULIQUE POUR MOULISTE
MANDRINI IDRAULICI PER STAMPAGGIO
PORTAHERRAMIENTAS HIDRAULICO PARA MOLDES





JIS
B6339-
BT



2.5G







Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	G	WEIGHT (Kg)
40	BT40AD/B-HMC6-120	P2770903	6	20	44.5	120	70	27	M5×0.8	1.40
	BT40AD/B-HMC6-150	P2770904	6	20	44.5	150	100	27	M5×0.8	1.65
	BT40AD/B-HMC8-120	P2770905	8	22	44.5	120	70	27	M6×1.0	1.40
	BT40AD/B-HMC8-150	P2770906	8	22	44.5	150	100	27	M6×1.0	1.65
	BT40AD/B-HMC10-120	P2770907	10	24	44.5	120	70	32	M8×1.0	1.40
	BT40AD/B-HMC10-150	P2770908	10	24	44.5	150	100	32	M8×1.0	1.65
	BT40AD/B-HMC12-120	P2770901	12	25	44.5	120	70	37	M10×1.0	1.40
	BT40AD/B-HMC12-150	P2770909	12	25	44.5	150	100	37	M10×1.0	1.65
	BT40AD/B-HMC14-120	P2784200	14	27	44.5	120	70	37	M10×1.0	1.40
	BT40AD/B-HMC14-150	P2784201	14	27	44.5	150	100	37	M10×1.0	1.65
	BT40AD/B-HMC16-120	P2770910	16	32	44.5	120	70	42	M12×1.0	1.45
	BT40AD/B-HMC16-150	P2770911	16	32	44.5	150	100	42	M12×1.0	1.70
50	BT40AD/B-HMC20-120	P2770902	20	34	43.8	120	93	42	M16×1.0	1.50
	BT40AD/B-HMC20-150	P2770912	20	34	46.9	150	123	42	M16×1.0	1.80
	BT50AD/B-HMC6-150	P2770913	6	20	50	150	90	27	M5×0.8	4.70
	BT50AD/B-HMC8-150	P2770914	8	22	50	150	90	27	M6×1.0	4.70
	BT50AD/B-HMC10-150	P2770915	10	24	50	150	90	32	M8×1.0	4.70
	BT50AD/B-HMC12-150	P2770916	12	25	50	150	90	37	M10×1.0	4.70
	BT50AD/B-HMC14-150	P2784202	14	27	50	150	90	37	M10×1.0	4.70
	BT50AD/B-HMC16-150	P2770917	16	32	50	150	90	42	M12×1.0	4.90
	BT50AD/B-HMC20-150	P2770918	20	34	50	150	90	42	M16×1.0	5.00

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D99

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 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

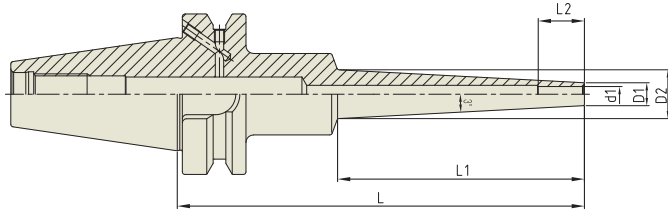


SHRINK FIT
HOLDER

SFHS

SHRINK FIT HOLDER (EXTRA SLIM)

SCHRUMPFUTTER
MANDRIN DE FRETAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR



JIS
B6339-
BT

AT3

2.5G

25,000
RPM

LDI
≤ 3μm

AD-AD/B

Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	WEIGHT (Kg)
30	BT30-SFHS3-60	P2779851S	3	6	20	60	22	9	-
	BT30-SFHS3-80	P2779852S	3	6	25	80	42	9	-
	BT30-SFHS3-120	P2779853S	3	6	25	120	67	9	-
	BT30-SFHS4-60	P2779854S	4	7	20	60	22	12	-
	BT30-SFHS4-80	P2779855S	4	7	25	80	42	12	-
	BT30-SFHS4-120	P2779856S	4	7	25	120	67	12	-
	BT30-SFHS6-60	P2779857S	6	9	20	60	22	18	-
	BT30-SFHS6-80	P2779858S	6	9	25	80	42	18	-
	BT30-SFHS6-120	P2779859S	6	9	25	120	67	18	-
40	BT40AD/B-SFHS3-95	P2779860S	3	6	25	95	42	9	-
	BT40AD/B-SFHS3-120	P2779861S	3	6	25	120	67	9	-
	BT40AD/B-SFHS3-160	P2779862S	3	6	25	160	97	9	-
	BT40AD/B-SFHS4-95	P2779863S	4	7	25	95	42	12	-
	BT40AD/B-SFHS4-120	P2779864S	4	7	25	120	67	12	-
	BT40AD/B-SFHS4-160	P2779865S	4	7	32	160	97	12	-
	BT40AD/B-SFHS6-95	P2779866S	6	9	25	95	42	18	-
	BT40AD/B-SFHS6-120	P2779867S	6	9	25	120	67	18	-
	BT40AD/B-SFHS6-160	P2779868S	6	9	32	160	97	18	-
	BT40AD/B-SFHS8-95	P2779869S	8	11	25	95	42	24	-
	BT40AD/B-SFHS8-120	P2779870S	8	11	32	120	67	24	-
	BT40AD/B-SFHS8-160	P2779871S	8	11	32	160	97	24	-
	BT40AD/B-SFHS10-95	P2779872S	10	13	25	95	42	30	-
	BT40AD/B-SFHS10-120	P2779873S	10	13	32	120	67	30	-
	BT40AD/B-SFHS10-160	P2779874S	10	13	32	160	97	30	-
	BT40AD/B-SFHS12-95	P2779875S	12	15	32	95	42	30	-
	BT40AD/B-SFHS12-120	P2779876S	12	15	32	120	67	30	-
	BT40AD/B-SFHS12-160	P2779877S	12	15	32	160	97	30	-

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► NEXT PAGE

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

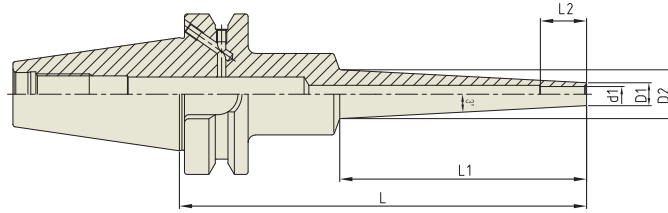


SHRINK FIT
HOLDER

SFHS

SHRINK FIT HOLDER (EXTRA SLIM)

SCHRUMPFUTTER
MANDRIN DE FRETAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR



JIS
B6339-
BT

AT3

2.5G

25,000
RPM

LDI
≤ 3μm

AD-AD/B

Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	WEIGHT (Kg)
50	BT50AD/B-SFHS3-110	P2779878S	3	6	26	110	42	9	-
	BT50AD/B-SFHS3-160	P2779879S	3	6	26	160	97	9	-
	BT50AD/B-SFHS4-110	P2779880S	4	7	26	110	42	12	-
	BT50AD/B-SFHS4-160	P2779881S	4	7	26	160	97	12	-
	BT50AD/B-SFHS6-110	P2779882S	6	9	26	110	42	18	-
	BT50AD/B-SFHS6-160	P2779883S	6	9	26	160	97	18	-
	BT50AD/B-SFHS8-110	P2779884S	8	11	36	110	42	24	-
	BT50AD/B-SFHS8-160	P2779885S	8	11	36	160	97	24	-
	BT50AD/B-SFHS10-110	P2779886S	10	13	36	110	42	30	-
	BT50AD/B-SFHS10-160	P2779887S	10	13	36	160	97	30	-
	BT50AD/B-SFHS12-110	P2779888S	12	15	36	110	42	30	-
	BT50AD/B-SFHS12-160	P2779889S	12	15	36	160	97	30	-

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► NEXT PAGE

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



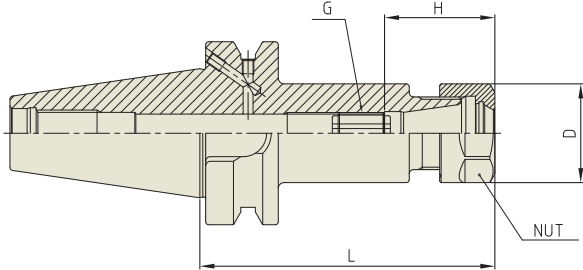
ER COLLET
CHUCK

ER

ER COLLET CHUCK

SPANN FUTTER -ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER





JIS
B6339-
BT

AT3

2.5G

25,000
RPM

AD=AD/B

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
30	BT30-ER11-70	P2776501A	0.5 - 7.0	70	19	M6	45	ER11	0.50
	BT30-ER11-100	P2776502A	0.5 - 7.0	100	19	M6	45	ER11	0.50
	BT30-ER16-70	P2776503A	0.5 - 10.0	70	28	M10	45	ER16	1.00
	BT30-ER16-100	P2776506A	0.5 - 10.0	100	28	M10	45	ER16	1.10
	BT30-ER20-80	P2776507A	0.5 - 13.0	80	34	M12	50	ER20	1.20
	BT30-ER20-100	P2776508A	0.5 - 13.0	100	34	M12	50	ER20	1.30
	BT30-ER25-70	P2776509A	1.0 - 16.0	70	42	M12	65	ER25	1.20
	BT30-ER25-100	P2776510A	1.0 - 16.0	100	42	M12	65	ER25	1.30
	BT30-ER32-60	P2776511A	1.0 - 20.0	60	50	M12	65	ER32	1.40
	BT30-ER32-90	P2776512A	1.0 - 20.0	90	50	M12	65	ER32	1.90
40	BT40AD/B-ER11-75	P2776513	0.5 - 7.0	75	19	M6	45	ER11	1.00
	BT40AD/B-ER11-100	P2776514	0.5 - 7.0	100	19	M6	45	ER11	1.10
	BT40AD/B-ER16-75	P2776504	0.5 - 10.0	75	28	M10	45	ER16	1.10
	BT40AD/B-ER16-100	P2553021	0.5 - 10.0	100	28	M10	45	ER16	1.20
	BT40AD/B-ER16-120	P2776515	0.5 - 10.0	120	28	M10	45	ER16	1.40
	BT40AD/B-ER20-75	P2776516	0.5 - 13.0	75	34	M12	50	ER20	1.40
	BT40AD/B-ER20-100	P2553017	0.5 - 13.0	100	34	M12	50	ER20	1.80
	BT40AD/B-ER20-135	P2776517	0.5 - 13.0	135	34	M12	50	ER20	2.20
	BT40AD/B-ER25-75	P2600012	1.0 - 16.0	75	42	M12	65	ER25	1.40
	BT40AD/B-ER25-100	P2553018	1.0 - 16.0	100	42	M12	65	ER25	1.80
	BT40AD/B-ER25-135	P2776518	1.0 - 16.0	135	42	M12	65	ER25	2.20
	BT40AD/B-ER25-150	P2776519	1.0 - 16.0	150	42	M12	65	ER25	2.40
	BT40AD/B-ER32-60	P2553501	1.0 - 20.0	60	50	M12	65	ER32	1.80
	BT40AD/B-ER32-100	P2776505	1.0 - 20.0	100	50	M12	65	ER32	2.20

► Inch type products are available.
► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
► For applicable ER collet, please refer to page D296~D304.
► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

► NEXT PAGE

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



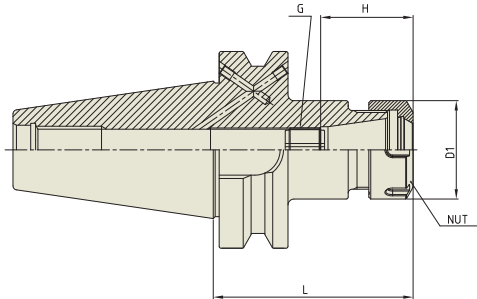
ER COLLET
CHUCK

ER

ER COLLET CHUCK

SPANN FUTTER -ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER





JIS
B6339-
BT

AT3

2.5G

25,000
RPM

AD/B

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
30	BT50AD/B-ER16-100	P2776522	0.5 - 10.0	100	28	M10	45	ER16	4.20
	BT50AD/B-ER16-120	P2776523	0.5 - 10.0	120	28	M10	45	ER16	4.40
	BT50AD/B-ER16-165	P2776524	0.5 - 10.0	165	28	M10	45	ER16	4.60
	BT50AD/B-ER20-100	P2776525	0.5 - 13.0	100	34	M12	50	ER20	4.60
	BT50AD/B-ER20-135	P2776526	0.5 - 13.0	135	34	M12	50	ER20	4.80
	BT50AD/B-ER20-165	P2776527	0.5 - 13.0	165	34	M12	50	ER20	5.00
	BT50AD/B-ER25-100	P2776528	1.0 - 16.0	100	42	M12	65	ER25	4.70
	BT50AD/B-ER25-135	P2776529	1.0 - 16.0	135	42	M12	65	ER25	4.80
	BT50AD/B-ER25-165	P2776530	1.0 - 16.0	150	42	M12	65	ER25	5.00
	BT50AD/B-ER32-100	P2600026	1.0 - 20.0	100	50	M12	65	ER32	5.20
50	BT50AD/B-ER32-135	P2776531	1.0 - 20.0	135	50	M12	65	ER32	5.70
	BT50AD/B-ER32-165	P2776532	1.0 - 20.0	165	50	M12	65	ER32	5.80
	BT50AD/B-ER40-100	P2600027	2.0 - 30.0	100	63	M12	75	ER40	5.60
	BT50AD/B-ER40-150	P2776533	2.0 - 30.0	150	63	M12	75	ER40	6.10
	BT50AD/B-ER50-100	P2776534	4.0 - 34.0	100	78	M16	85	ER50	5.80
	BT50AD/B-ER50-150	P2776535	4.0 - 34.0	150	78	M16	85	ER50	6.30

► Inch type products are available.
► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
► For applicable ER collet, please refer to page D296~D304.
► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

TOOLING
SYSTEM

ER COLLET
CHUCK

ER

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

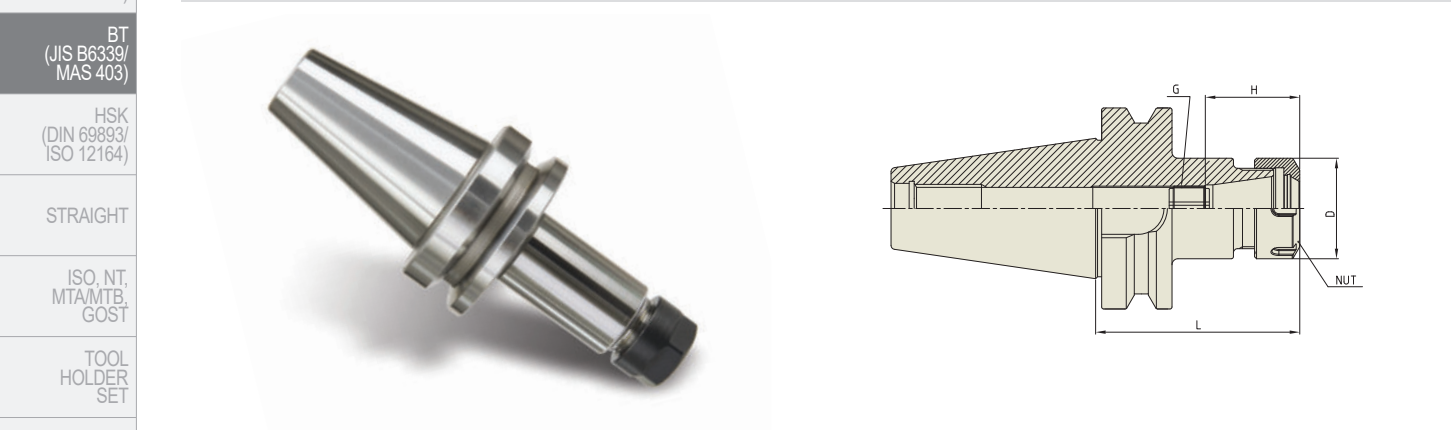
TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

ER COLLET CHUCK

SPANN FUTTER -ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER



Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
50	BT50-ER16-100	P2772018	0.5 - 10.0	100	28	M10	45	ER16	4.20
	BT50-ER16-120	P2772019	0.5 - 10.0	120	28	M10	45	ER16	4.40
	BT50-ER16-165	P2772020	0.5 - 10.0	165	28	M10	45	ER16	4.60
	BT50-ER20-100	P2772021	0.5 - 13.0	100	34	M12	50	ER20	4.60
	BT50-ER20-135	P2772022	0.5 - 13.0	135	34	M12	50	ER20	4.80
	BT50-ER20-165	P2772023	0.5 - 13.0	165	34	M12	50	ER20	5.00
	BT50-ER25-100	P2772024	1.0 - 16.0	100	42	M12	65	ER25	4.70
	BT50-ER25-135	P2772025	1.0 - 16.0	135	42	M12	65	ER25	4.80
	BT50-ER25-165	P2772026	1.0 - 16.0	165	42	M12	65	ER25	5.00
	BT50-ER32-100	P2772027	1.0 - 20.0	100	50	M12	65	ER32	5.20
	BT50-ER32-135	P2772028	1.0 - 20.0	135	50	M12	65	ER32	5.70
	BT50-ER32-165	P2772029	1.0 - 20.0	165	50	M12	65	ER32	5.80
	BT50-ER40-100	P2772030	2.0 - 30.0	100	63	M12	75	ER40	5.60
	BT50-ER40-150	P2772031	2.0 - 30.0	150	63	M12	75	ER40	6.10
	BT50-ER50-100	P2772032	4.0 - 34.0	100	78	M16	85	ER50	5.80
	BT50-ER50-150	P2772033	4.0 - 34.0	150	78	M16	85	ER50	6.30

- ▶ Inch type products are available.
- ▶ For applicable ER collet, please refer to page D296~D304.
- ▶ For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

TOOLING
SYSTEM

ER COLLET
CHUCK

ERM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

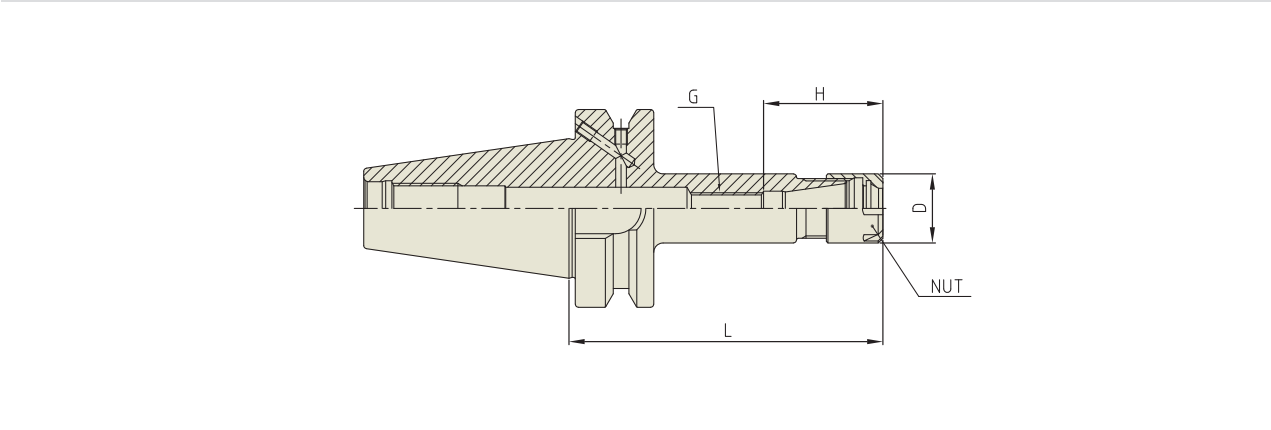
TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

ER COLLET CHUCK (SLIM)

SPANN FUTTER -ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER



Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
40	BT40AD/B-ER11M-60	P2802735	0.5 - 7.0	60	16	M6	29.5	ER11M / ER11	1.00
	BT40AD/B-ER11M-90	P2802736	0.5 - 7.0	90	16	M6	29.5	ER11M / ER11	1.10
	BT40AD/B-ER11M-135	P2802737	0.5 - 7.0	135	16	M6	29.5	ER11M / ER11	1.20
	BT40AD/B-ER16M-60	P2802738	0.5 - 10.0	60	22	M10	38	ER16M / ER16	1.10
	BT40AD/B-ER16M-90	P2802739	0.5 - 10.0	90	22	M10	38	ER16M / ER16	1.20
	BT40AD/B-ER16M-135	P2802740	0.5 - 10.0	135	22	M10	38	ER16M / ER16	1.40
	BT40AD/B-ER20M-60	P2802741	0.5 - 13.0	60	28	M12	44.5	ER20M / ER20	1.10
	BT40AD/B-ER20M-90	P2802742	0.5 - 13.0	90	28	M12	44.5	ER20M / ER20	1.50
	BT40AD/B-ER20M-150	P2802743	0.5 - 13.0	150	28	M12	44.5	ER20M / ER20	1.80
	BT40AD/B-ER25M-60	P2802744	1.0 - 16.0	60	35	M12	52	ER25M / ER25	1.20
	BT40AD/B-ER25M-90	P2802745	1.0 - 16.0	90	35	M12	52	ER25M / ER25	1.40
	BT40AD/B-ER25M-150	P2802746	1.0 - 16.0	150	35	M12	52	ER25M / ER25	1.80
50	BT50AD/B-ER11M-90	P2802747	0.5 - 7.0	90	16	M6	29.5	ER11M / ER11	3.80
	BT50AD/B-ER11M-120	P2802748	0.5 - 7.0	120	16	M6	29.5	ER11M / ER11	3.90
	BT50AD/B-ER11M-165	P2802749	0.5 - 7.0	165	16	M6	29.5	ER11M / ER11	4.00
	BT50AD/B-ER16M-90	P2802750	0.5 - 10.0	90	22	M10	38	ER16M / ER16	3.80
	BT50AD/B-ER16M-120	P2802751	0.5 - 10.0	120	22	M10	38	ER16M / ER16	4.00
	BT50AD/B-ER16M-165	P2802752	0.5 - 10.0	165	22	M10	38	ER16M / ER16	4.20
	BT50AD/B-ER20M-75	P2802753	0.5 - 13.0	75	28	M12	44.5	ER20M / ER20	3.80
	BT50AD/B-ER20M-105	P2802754	0.5 - 13.0	105	28	M12	44.5	ER20M / ER20	3.90
	BT50AD/B-ER20M-165	P2802755	0.5 - 13.0	165	28	M12	44.5	ER20M / ER20	4.50
	BT50AD/B-ER25M-75	P2802756	1.0 - 16.0	75	35	M12	52	ER25M / ER25	3.90
	BT50AD/B-ER25M-105	P2802757	1.0 - 16.0	105	35	M12	52	ER25M / ER25	4.10

- ▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
- ▶ For applicable ER collet please refer to page D296~D304.
- ▶ For applicable ER nut, Sealing disk, please refer to page D307 & D309.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

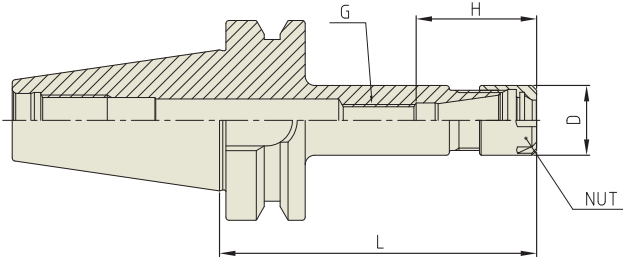


ER COLLET CHUCK

ER

ER COLLET CHUCK (SLIM)

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER



JIS B6339-BT

AT3

6.3G

15,000 RPM

AD

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
30	BT30-ER11M-50	P2802601	0.5 - 7.0	50	16	M6	29.5	ER11M / ER11	0.50
	BT30-ER11M-75	P2802602	0.5 - 7.0	75	16	M6	29.5	ER11M / ER11	0.50
	BT30-ER11M-100	P2802603	0.5 - 7.0	100	16	M6	29.5	ER11M / ER11	0.60
	BT30-ER16M-50	P2802604	0.5 - 10.0	50	22	M10	38	ER16M / ER16	0.50
	BT30-ER16M-75	P2802605	0.5 - 10.0	75	22	M10	38	ER16M / ER16	0.50
	BT30-ER16M-100	P2802606	0.5 - 10.0	100	22	M10	38	ER16M / ER16	0.60
	BT30-ER20M-50	P2802607	0.5 - 13.0	50	28	M12	44.5	ER20M / ER20	0.50
	BT30-ER20M-75	P2802608	0.5 - 13.0	75	28	M12	44.5	ER20M / ER20	0.60
	BT30-ER20M-100	P2802609	0.5 - 13.0	100	28	M12	44.5	ER20M / ER20	0.70
	BT30-ER25M-50	P2802610	1.0 - 16.0	50	35	M12	52	ER25M / ER25	0.60
40	BT30-ER25M-75	P2802611	1.0 - 16.0	75	35	M12	52	ER25M / ER25	0.70
	BT30-ER25M-100	P2802612	1.0 - 16.0	100	35	M12	52	ER25M / ER25	0.80
	BT40-ER11M-60	P2802613	0.5 - 7.0	60	16	M6	29.5	ER11M / ER11	1.00
	BT40-ER11M-90	P2802614	0.5 - 7.0	90	16	M6	29.5	ER11M / ER11	1.10
	BT40-ER11M-135	P2802615	0.5 - 7.0	135	16	M6	29.5	ER11M / ER11	1.20
	BT40-ER16M-60	P2802616	0.5 - 10.0	60	22	M10	38	ER16M / ER16	1.10
	BT40-ER16M-90	P2802617	0.5 - 10.0	90	22	M10	38	ER16M / ER16	1.20
	BT40-ER16M-135	P2802618	0.5 - 10.0	135	22	M10	38	ER16M / ER16	1.40
	BT40-ER20M-60	P2802619	0.5 - 13.0	60	28	M12	44.5	ER20M / ER20	1.10
	BT40-ER20M-90	P2802620	0.5 - 13.0	90	28	M12	44.5	ER20M / ER20	1.50
50	BT40-ER20M-150	P2802621	0.5 - 13.0	150	28	M12	44.5	ER20M / ER20	1.80
	BT40-ER25M-60	P2802622	1.0 - 16.0	60	35	M12	52	ER25M / ER25	1.20
	BT40-ER25M-90	P2802623	1.0 - 16.0	90	35	M12	52	ER25M / ER25	1.40
	BT40-ER25M-150	P2802624	1.0 - 16.0	150	35	M12	52	ER25M / ER25	1.80
	BT50-ER11M-90	P2802625	0.5 - 7.0	90	16	M6	29.5	ER11M / ER11	3.80
	BT50-ER11M-120	P2802626	0.5 - 7.0	120	16	M6	29.5	ER11M / ER11	3.90
	BT50-ER11M-165	P2802627	0.5 - 7.0	165	16	M6	29.5	ER11M / ER11	4.00
	BT50-ER16M-90	P2802628	0.5 - 10.0	90	22	M10	38	ER16M / ER16	3.80
	BT50-ER16M-120	P2802629	0.5 - 10.0	120	22	M10	38	ER16M / ER16	4.00
	BT50-ER16M-165	P2802630	0.5 - 10.0	165	22	M10	38	ER16M / ER16	4.20
BT50-ER20M-75	P2802631	0.5 - 13.0	75	28	M12	44.5	ER20M / ER20	3.80	
BT50-ER20M-105	P2802632	0.5 - 13.0	105	28	M12	44.5	ER20M / ER20	3.90	
BT50-ER20M-165	P2802633	0.5 - 13.0	165	28	M12	44.5	ER20M / ER20	4.50	
BT50-ER25M-75	P2802634	1.0 - 16.0	75	35	M12	52	ER25M / ER25	3.90	
BT50-ER25M-105	P2802635	1.0 - 16.0	105	35	M12	52	ER25M / ER25	4.10	

► Inch type products are available.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D307 & D309.

D116

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS



END MILL HOLDER

EMH

END MILL HOLDER (SHORT TYPE)

FRÄSERFUTTER UND FLÄCHENSPANNFUTTER
MANDRIN PORTE FRAISE À QUEUE CYLINDRIQUE, À MÉPLAT
MANDRINI PORTA FRESA TIPO WELDON
PORTAFRESAS Y EJES DE SUJECCION LATERAL



JIS B6339-BT

AT3

6.3G

15,000 RPM

AD

Unit : mm											
TAPER No.	MODEL No.	EDP No.	d1	D2	L	L1	L2	L3	M	FIG.	WEIGHT (Kg)
40	BT40-EMH25-60	P2773085	25	62	60	59	24	25	M18/M14	1	1.50
	BT40-EMH32-65	P2773086	32	62	65	63	24	28	M20/M14	1	1.45
50	BT50-EMH25-44	P2773087	25	57	44	59	24	-	M18	2	3.45
	BT50-EMH32-60	P2773088	32	72	60	63	24	28	M20/M14	1	3.80

► Inch type products are available.

D117

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

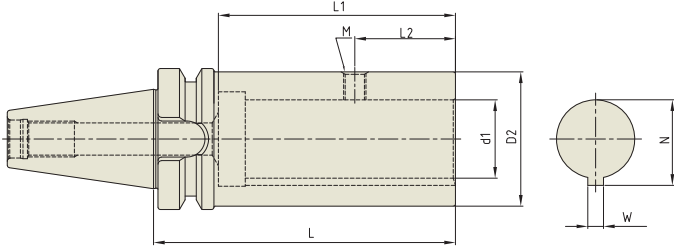
YIG

SIDE LOCK ARBOR

SLB

SIDE LOCK ARBOR

FRÄSERFUTTER UND FLÄCHENSPANNFUTTER
MANDRIN PORTE FRAISE À QUEUE CYLINDRIQUE, À MÉPLAT
MANDRINI PORTA FRESA TIPO WELDON
PORTAFRESAS Y EJES DE SUJECCION LATERAL



JIS B6339-BT

AT3

A

TAPER No.	MODEL No.	EDP No.	d1	D2	L	L1	L2	M	N	W	WEIGHT (Kg)
40	BT40-SLB26-105	P2778051	26	50	105	85	40	M10	28.2	5	1.30
	BT40-SLB35-135	P2778052	35	60	135	105	55	M10	37.6	6	2.20
	BT40-SLB35T-135	P2778053	35	60	135	105	55	M10	38.2	7	2.20
50	BT50-SLB26-105	P2778054	26	50	105	85	40	M10	28.2	5	1.30
	BT50-SLB35-135	P2778055	35	60	135	106	55	M10	37.6	6	2.20
	BT50-SLB35T-135	P2778056	35	60	135	106	55	M10	38.2	7	2.20
	BT50-SLB48-165	P2778057	48	80	165	129	65	M10	51	8	3.80

► Inch type products are available.

► Standard design of Side Lock Arbor is for cutting tools with straight shank having flat face.

► Side Lock Arbor is Non-Balancing.

YIG

YG-1 CO., LTD.

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

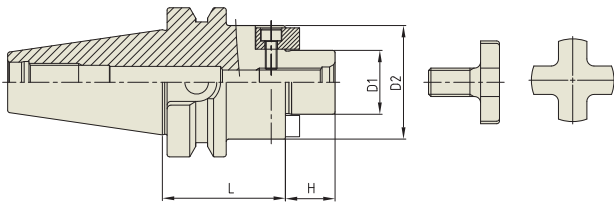
YIG

SHELL MILL ARBOR

SMA

SHELL MILL ARBOR

FRÄSERFUTTER UND FLÄCHENSPANNFUTTER
MANDRIN PORTE FRAISE À QUEUE CYLINDRIQUE, À MÉPLAT
MANDRINI PORTA FRESA TIPO WELDON
PORTAFRESAS Y EJES DE SUJECCION LATERAL



JIS B6339-BT

AT3

6.3G

15,000 RPM

AD

TAPER No.	MODEL No.	EDP No.	D1	D2	L	H	BOLT	WEIGHT (Kg)
30	BT30-SMA16-50	P2778801	16	32	50	17	M8x16L	0.58
	BT30-SMA22-50	P2778802	22	40	50	19	M10x18L	0.70
	BT30-SMA27-50	P2778803	27	48	50	21	M12x22L	0.85
40	BT40-SMA16-60	P2778804	16	32	60	17	M8x16L	1.17
	BT40-SMA16-120	P2778815	16	32	120	17	M8x16L	1.50
	BT40-SMA22-60	P2778805	22	40	60	19	M10x18L	1.31
	BT40-SMA22-120	P2778816	22	40	120	19	M10x18L	1.85
	BT40-SMA27-60	P2778806	27	48	60	21	M12x22L	1.48
	BT40-SMA27-120	P2778817	27	48	120	21	M12x22L	2.27
	BT40-SMA32-60	P2778807	32	58	60	24	M16x26L	1.72
	BT40-SMA32-120	P2778818	32	58	120	24	M16x26L	2.90
	BT40-SMA40-60	P2778808	40	70	60	27	M20x30L	2.00
50	BT50-SMA16-75	P2778809	16	32	75	17	M8x16L	3.75
	BT50-SMA16-120	P2778819	16	32	120	17	M8x16L	4.03
	BT50-SMA22-75	P2778810	22	40	75	19	M10x18L	3.90
	BT50-SMA22-120	P2778820	22	40	120	19	M10x18L	4.25
	BT50-SMA27-75	P2778811	27	48	75	21	M12x22L	4.09
	BT50-SMA27-120	P2778821	27	48	120	21	M12x22L	4.56
	BT50-SMA32-75	P2778812	32	58	75	24	M16x26L	4.35
	BT50-SMA32-120	P2778822	32	58	120	24	M16x26L	5.22
	BT50-SMA40-75	P2778813	40	70	75	27	M20x30L	4.77
	BT50-SMA40-120	P2778823	40	70	120	27	M20x30L	6.04
	BT50-SMA50-75	P2778814	50	90	75	30	M24x36L	5.60

► Inch type products are available.

► For parts, please refer to page D311.

YIG

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TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

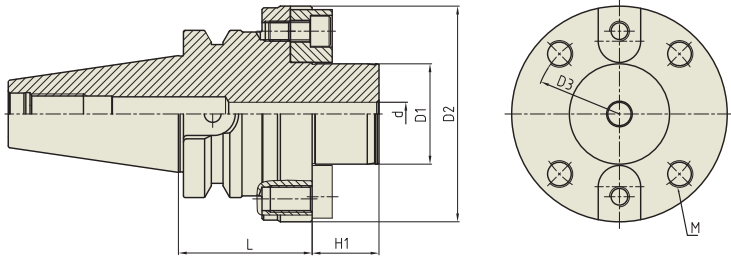


SHELL MILL
ARBOR

SMF

SHELL MILL ARBOR (FLANGE MOUNTING)

AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES
MANDRINO CON TRASCINAMENTO FISSO
PORTA FRESAS



JIS
B6339-
BT



6.3G





Unit : mm											
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	D3	L	H1	M (TAP)	DRIVE KEY & BOLT	WEIGHT (Kg)
50	BT50-SMF40-70	EI201	14	40	89	66.7	70	30	4-M12	15.9 x 16 x 21.5, M6-15L	-
	BT50-SMF60-80	EI202	14	60	129	101.6	80	40	4-M16	25.4 x 25.4 x 31.5, M12-25L	-

► Inch type products are available.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

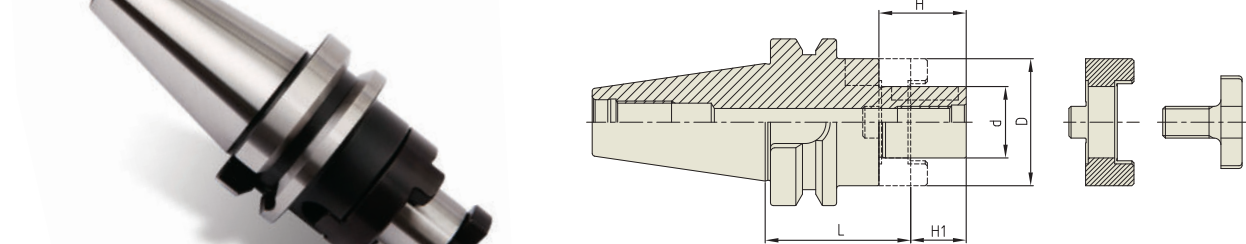


COMBI-SHELL
MILL ARBOR

CMA

COMBI-SHELL MILL ARBOR

KOMBI-AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES COMBINÉS
MANDRINO PORTA FRESE
PORTA FRESAS COMBINADO



JIS
B6339-
BT



6.3G





Unit : mm								
TAPER No.	MODEL No.	EDP No.	d	L	D	H1	H	WEIGHT (Kg)
30	BT30-CMA16-50	P2544001	16	50	32	17	27	0.61
	BT30-CMA22-50	P2544002	22	50	40	19	31	0.7
	BT30-CMA27-55	P2544003	27	55	48	21	33	0.92
40	BT40-CMA16-55	P2544004	16	55	32	17	27	1.14
	BT40-CMA16-100	P2544015	16	100	32	17	27	1.41
	BT40-CMA22-55	P2544005	22	55	40	19	31	1.26
	BT40-CMA22-100	P2544016	22	100	40	19	31	1.68
	BT40-CMA27-55	P2544006	27	55	48	21	33	1.42
	BT40-CMA27-100	P2544017	27	100	48	21	33	2.02
	BT40-CMA32-60	P2544007	32	60	58	24	38	1.72
	BT40-CMA32-100	P2544018	32	100	58	24	38	2.51
	BT40-CMA40-70	P2544024	40	70	70	27	41	2.46
50	BT50-CMA16-70	P2544009	16	70	32	17	27	3.74
	BT50-CMA16-100	P2544019	16	100	32	17	27	3.92
	BT50-CMA22-70	P2544010	22	70	40	19	31	3.86
	BT50-CMA22-100	P2544020	22	100	40	19	31	4.15
	BT50-CMA27-70	P2544011	27	70	48	21	33	4.04
	BT50-CMA27-100	P2544021	27	100	48	21	33	4.45
	BT50-CMA32-70	P2544012	32	70	58	24	38	4.28
	BT50-CMA32-100	P2544022	32	100	58	24	38	4.86
	BT50-CMA40-70	P2544013	40	70	70	27	41	4.62
	BT50-CMA40-100	P2544023	40	100	70	27	41	5.47
	BT50-CMA50-70	P2544014	50	70	90	30	46	5.48

► Inch type products are available.
► For parts, please refer to page D312.

D128

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D129

TOOLING
SYSTEM

POWER MILLING
CHUCK

C

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

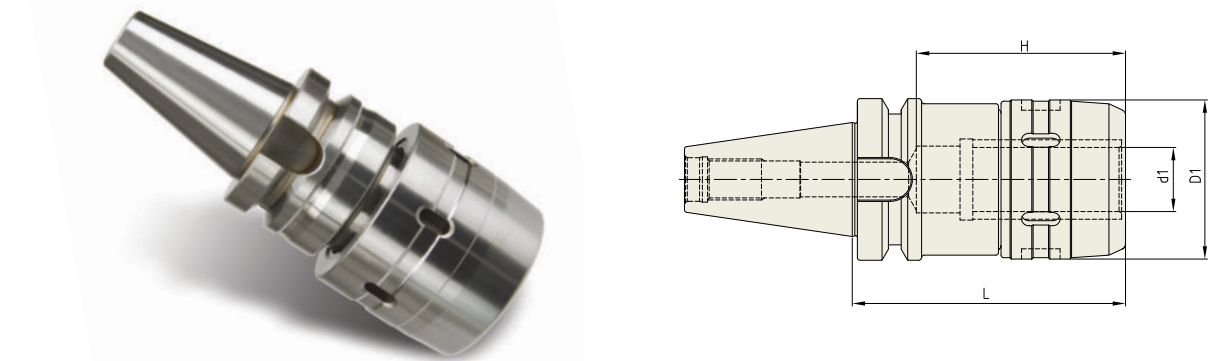
TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

HIGH-SPEED POWER MILLING CHUCK

HOCHGESCHWINDIGKEITS FRÄSERFUTTER
MANDRIN PORTE FRAISE À GRANDE VITESSE
MANDRINI PORTA FRESA PER ALTA VELOCITÀ
PORTAHERRAMIENTAS PARA FRESADO DE ALTA VELOCIDAD



Unit : mm							
TAPER No.	MODEL No.	EDP No.	d1	D1	L	H	WEIGHT (Kg)
30	BT30-C20-75HS	P2546101	20	54	75	70	1.50
	BT30-C25-80HS	P2546102	25	62	80	70	2.00
40	BT40-C20-80HS	P2546103	20	54	80	70	2.00
	BT40-C20-105HS	P2546104	20	54	105	70	2.10
	BT40-C25-105HS	P2546105	25	62	105	80	2.50
	BT40-C32-90HS	P2546106	32	72	90	100	3.00
	BT40-C32-105HS	P2546107	32	72	105	100	3.10
	BT40-C32-135HS	P2546108	32	72	135	100	3.30
	BT50-C20-105HS	P2546109	20	54	105	70	4.50
50	BT50-C20-135HS	P2546110	20	54	135	70	4.90
	BT50-C20-165HS	P2546111	20	54	165	70	5.40
	BT50-C25-105HS	P2546112	25	62	105	80	5.20
	BT50-C25-135HS	P2546113	25	62	135	80	5.80
	BT50-C25-165HS	P2546114	25	62	165	80	6.20
	BT50-C32-105HS	P2546115	32	72	105	100	6.00
	BT50-C32-135HS	P2546116	32	72	135	100	6.70
	BT50-C32-165HS	P2546117	32	72	165	100	7.40
	BT50-C42-115HS	P2546118	42	92	115	110	6.70
	BT50-C42-135HS	P2546119	42	92	135	110	7.60
	BT50-C42-165HS	P2546120	42	92	165	110	8.30

- ▶ Inch type products are available.
- ▶ Balancing Grade is adjusted on Basic holder only without Clamping Cap.
- ▶ For applicable collet and spanner, please refer to the page D314.

TOOLING
SYSTEM

POWER MILLING
CHUCK

C

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

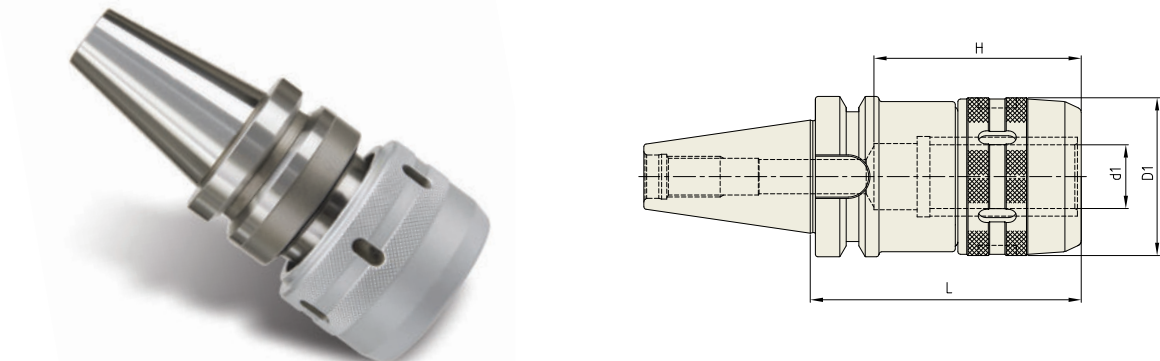
TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

POWER MILLING CHUCK

FRÄSERSPANNFUTTER
MANDRIN PORTE FRAISE
MANDRINI PORTA FRESA
PORTAHERRAMIENTAS PARA FRESADO



Unit : mm							
TAPER No.	MODEL No.	EDP No.	d1	D1	L	H	WEIGHT (Kg)
30	BT30-C20-75	P2546001	20	54	75	70	1.50
	BT30-C25-80	P2546002	25	62	80	70	2.00
40	BT40-C20-80	P2546003	20	54	80	70	2.00
	BT40-C20-105	P2546004	20	54	105	70	2.10
	BT40-C25-105	P2546005	25	62	105	80	2.50
	BT40-C32-90	P2546006	32	72	90	100	3.00
	BT40-C32-105	P2546007	32	72	105	100	3.10
	BT40-C32-135	P2546008	32	72	135	100	3.30
	BT50-C20-105	P2546009	20	54	105	70	4.50
50	BT50-C20-135	P2546010	20	54	135	70	4.90
	BT50-C20-165	P2546011	20	54	165	70	5.40
	BT50-C25-105	P2546012	25	62	105	80	5.20
	BT50-C25-135	P2546013	25	62	135	80	5.80
	BT50-C25-165	P2546014	25	62	165	80	6.20
	BT50-C32-105	P2546015	32	72	105	100	6.00
	BT50-C32-115	P2546016	32	72	115	100	6.20
	BT50-C32-135	P2546017	32	72	135	100	6.70
	BT50-C32-165	P2546018	32	72	165	100	7.40
	BT50-C42-115	P2546019	42	92	115	110	6.70
	BT50-C42-135	P2546020	42	92	135	110	7.60
	BT50-C42-165	P2546121	42	92	165	110	8.30

- ▶ Inch type products are available.
- ▶ For applicable collet and spanner, please refer to the page D314.

TOOLING SYSTEM

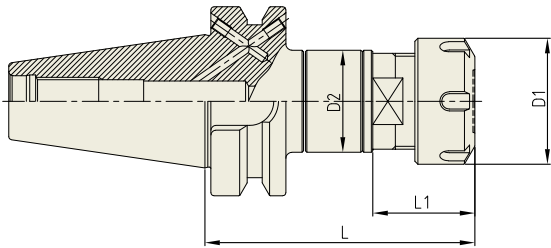
SK (DIN 69871)
CBT (BT DUAL CONTACT)
BT (JIS B6339/ MAS 403)
HSK (DIN 69893/ ISO 12164)
STRAIGHT
ISO, NT, MTA/MTB, GOST
TOOL HOLDER SET
BORING SYSTEM
ACCESSORY & PARTS



SYNCHRO TAPPING CHUCK

SYTER

SYNCHRO TAPPING CHUCK (ER TYPE)
SK SCHLANKE FUTTER
MANDRIN TYPE SK MINCE
SK MANDRINI SOTTILI
PORTAHERRAMIENTAS SK EJE REDUCIDO



JIS B6339-BT

AT3

AD/B

Unit : mm										
TAPER No.	MODEL No.	EDP No.	TAP SIZE	NUT / COLLET	D1	D2	L	L1	TENSION/ COMPRESSION	WEIGHT (Kg)
30	BT30-SYTER12-85	P2776315	M3-M12	ER16	28	34	85	26	±0.2	-
	BT30-SYTER20-95	P2776316	M3-M20	ER25	42	34	95	34	±0.2	-
	BT30-SYTER27-90	P2776317	M4-M27	ER32	50	45	90	31	±0.2	-
40	BT40AD/B-SYTER12-79	P2776301	M3-M12	ER16	28	34	79	26	±0.2	1.14
	BT40AD/B-SYTER16-85	P2776302	M3-M16	ER20	34	34	85	27	±0.2	1.17
	BT40AD/B-SYTER20-90	P2776303	M3-M20	ER25	42	34	90	34	±0.2	1.17
	BT40AD/B-SYTER27-100	P2776304	M4-M27	ER32	50	45	100	31	±0.2	1.45
	BT40AD/B-SYTER33-125	P2776305	M4-M33	ER40	63	62	125	35	±0.2	2.40
50	BT50AD/B-SYTER12-100	P2776306	M3-M12	ER16	28	34	100	26	±0.2	3.79
	BT50AD/B-SYTER16-100	P2776307	M3-M16	ER20	34	34	100	27	±0.2	3.79
	BT50AD/B-SYTER20-100	P2776308	M3-M20	ER25	42	34	100	34	±0.2	3.75
	BT50AD/B-SYTER27-110	P2776309	M4-M27	ER32	50	45	110	31	±0.2	3.99
	BT50AD/B-SYTER33-125	P2776310	M4-M33	ER40	63	62	125	35	±0.2	4.75

► Feature :

- Compensation for synchronization errors to extend tap life and to improve thread quality.

- To compensate for pitch tolerances of taps.

- For machine with synchronized spindle

► Inch type products are available.

► ER collet of page D296~D302, and Tap ER collet of page D303~D304 are applicable.

D138

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 YG-1 CO., LTD.

TOOLING SYSTEM

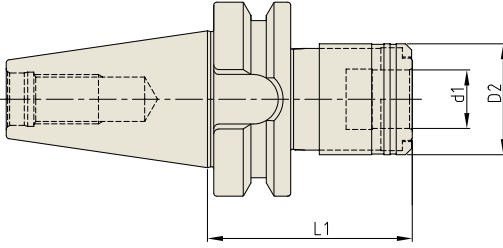
SK (DIN 69871)
CBT (BT DUAL CONTACT)
BT (JIS B6339/ MAS 403)
HSK (DIN 69893/ ISO 12164)
STRAIGHT
ISO, NT, MTA/MTB, GOST
TOOL HOLDER SET
BORING SYSTEM
ACCESSORY & PARTS



ONE STEP TAPPING CHUCK

OTC

ONE STEP TAPPING CHUCK
GEWINDE-SCHNELLWECHSELFUTTER
MANDRIN DE TARAUDAGE À CHANGEMENT RAPIDE
PORTAMASCHI A CAMBIO RAPIDO
MANDRINO DE CAMBIO RÁPIDO CON ROSCA



JIS B6339-BT

AT3

A

Unit : mm								
TAPER No.	MODEL No.	EDP No.	d1	D2	L1	LENGTH COMPENSATION		WEIGHT (Kg)
						Compression	Tension	
40	BT40-OTC-M3-M12-66.5	P2802451	19	36	66.5	7.5	7.5	1.10
	BT40-OTC-M8-M20-93.5	P2802452	31	53	93.5	12.5	12.5	1.50
	BT40-OTC-M14-M36-162.5	P2802453	48	78	162.5	20	20	3.30
50	BT50-OTC-M3-M12-85	P2802454	19	36	85	7.5	7.5	3.00
	BT50-OTC-M8-M20-101.5	P2802455	31	53	101.5	12.5	12.5	3.30
	BT50-OTC-M14-M36-141	P2802456	48	78	141	20	20	5.20

► For applicable Tap Adaptor, please refer to the page D318~D319.

D139

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 YG-1 CO., LTD.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

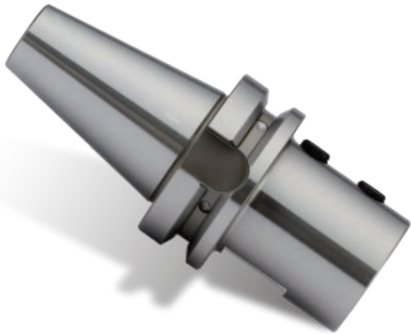


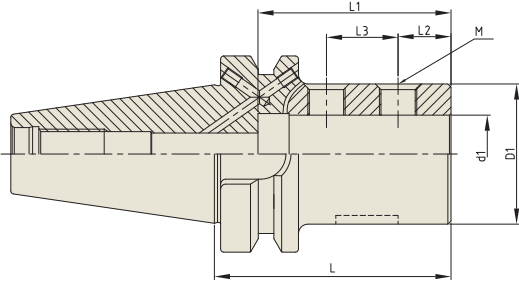
INDEXABLE DRILL HOLDER

SL

INDEXABLE DRILL HOLDER

WERKZEUGHALTER FÜR VOLLBOHRER
MANDRIN POUR FORETS À PLAQUETTES
MANDRINO PER PUNTE A INSERTI
SOPORTE PARA HERRAMIENTAS PARA BROCAS DE ACERO MACIZO





JIS B6339-BT

AT3

6.3G

15,000 RPM

AD/B

TAPER No.	MODEL No.	EDP No.	d1	D1	L	L1	L2	L3	M	WEIGHT (Kg)
40	BT40AD/B-SL20-72	P2802101	20	40	72	54	15	20	M10	1.09
	BT40AD/B-SL25-76	P2802102	25	45	76	62	17	23	M12	1.11
	BT40AD/B-SL32-80	P2802103	32	52	80	67	17	27	M12	1.17
	BT40AD/B-SL40-100	P2802104	40	60	100	73	22	28	M16	1.67
50	BT50AD/B-SL20-90	P2802105	20	40	90	54	15	20	M10	3.74
	BT50AD/B-SL25-90	P2802106	25	45	90	59	17	23	M12	3.81
	BT50AD/B-SL32-90	P2802107	32	52	90	70	17	27	M12	3.90
	BT50AD/B-SL40-100	P2802108	40	60	100	80	22	28	M16	4.12

► For the indexable drills with parallel shank.

D146

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 YG-1 CO., LTD.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS



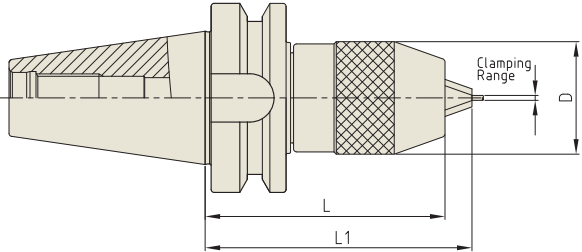
NC DRILL CHUCK

NPU

NC DRILL CHUCK (KEYLESS TYPE)

NC - BOHRFUTTER
MANDRIN DE PERÇAGE NC
NC MANDRINI PORTA PUNTE
PORTABROCAS PARA BROCAS NC





JIS B6339-BT

AT3

A

TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	D	L (Min.)	L1 (Max.)	WEIGHT (Kg)
30	BT30-NPU8-75	P2776016	0.3 - 8.0	36.5	75	80.7	0.80
	BT30-NPU13-105	P2776017	0.3 - 13.0	50.4	105	115	1.80
40	BT40-NPU8-80	P2776018	0.3 - 8.0	36.5	80	85.7	1.50
	BT40-NPU8-110	P2776006	0.3 - 8.0	36.5	110	115.7	1.80
	BT40-NPU8-150	P2776007	0.3 - 8.0	36.5	150	155.7	2.60
	BT40-NPU13-95	P2776019	0.3 - 13.0	50.4	95	100.7	2.10
	BT40-NPU13-130	P2776008	0.3 - 13.0	50.4	130	140	2.70
	BT40-NPU13-150	P2776003	0.3 - 13.0	50.4	150	160	3.40
50	BT50-NPU8-90	P2776009	0.3 - 8.0	36.5	90	95.7	4.20
	BT50-NPU8-110	P2776010	0.3 - 8.0	36.5	110	115.7	4.50
	BT50-NPU8-170	P2776011	0.3 - 8.0	36.5	170	180.7	5.20
	BT50-NPU13-105	P2776020	0.3 - 13.0	50.4	105	115	4.80
	BT50-NPU13-130	P2776013	0.3 - 13.0	50.4	130	140	5.20
	BT50-NPU13-150	P2776014	0.3 - 13.0	50.4	150	160	5.50
	BT50-NPU13-190	P2776015	0.3 - 13.0	50.4	190	200	5.90

► Supplied with hook wrench. (Size NPU 8 : 8S, NPU 13 : 13S)

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D147

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



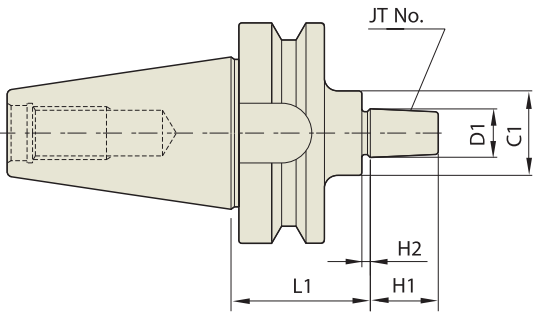
JACOBS TAPER ARBOR

JTA

JACOBS TAPER ARBOR

JACOBS KEGELZAPFEN ADAPTER
JACOBS ADAPTEUR DE CÔNE
JACOBS ADATTATORE DEL CONO
JACOBS ADAPTADOR DE LA FORMA CONICA





JIS
B6339-
BT

AT3

A

Unit : mm									
TAPER No.	MODEL No.	EDP No.	JT No.	D1	L1	H1	H2	C1	WEIGHT (Kg)
30	BT30-JTA1-45	P2779101	1	9.754	45	14	3	30	0.90
	BT30-JTA2-45	P2779102	2	14.199	45	20	4	30	1.00
	BT30-JTA6-45	P2779103	6	17.17	45	24	4	30	1.00
40	BT40-JTA1-45	P2779104	1	9.754	45	14	3	30	1.10
	BT40-JTA1-90	P2779105	1	9.754	90	14	3	30	1.10
	BT40-JTA2S-45	P2779106	2(SHORT)	13.94	45	18	3	30	1.40
	BT40-JTA2S-90	P2779107	2(SHORT)	13.94	90	18	3	30	1.40
	BT40-JTA2-45	P2779108	2	14.199	45	20	4	30	1.10
	BT40-JTA2-90	P2779109	2	14.199	90	20	4	30	1.40
	BT40-JTA33-45	P2779110	33	15.85	45	24	4	30	1.10
	BT40-JTA33-90	P2779111	33	15.85	90	24	4	30	1.40
	BT40-JTA6-45	P2779112	6	17.17	45	24	4	30	1.10
	BT40-JTA6-90	P2779113	6	17.17	90	24	4	30	1.40
	BT40-JTA3-45	P2779114	3	20.599	45	28	5	35	1.20
	BT40-JTA3-90	P2779115	3	20.599	90	28	5	35	1.50
50	BT50-JTA1-45	P2779116	1	9.754	45	14	3	30	4.00
	BT50-JTA1-105	P2779117	1	9.754	105	14	3	30	4.40
	BT50-JTA2S-45	P2779118	2(SHORT)	13.94	45	18	3	30	4.00
	BT50-JTA2S-105	P2779119	2(SHORT)	13.94	105	18	3	30	4.40
	BT50-JTA2-45	P2779120	2	14.199	45	20	4	30	4.00
	BT50-JTA2-105	P2779121	2	14.199	105	20	4	30	4.40
	BT50-JTA33-45	P2779122	33	15.85	45	24	4	30	4.00
	BT50-JTA33-105	P2779123	33	15.85	105	24	4	30	4.40
	BT50-JTA6-45	P2779124	6	17.17	45	24	4	30	4.00
	BT50-JTA6-105	P2779125	6	17.17	105	24	4	30	4.40
	BT50-JTA3-45	P2779126	3	20.599	45	28	5	35	4.00
	BT50-JTA3-105	P2779127	3	20.599	105	28	5	35	4.60

► CAT(ASME B5.50) taper and Inch type products are available.

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

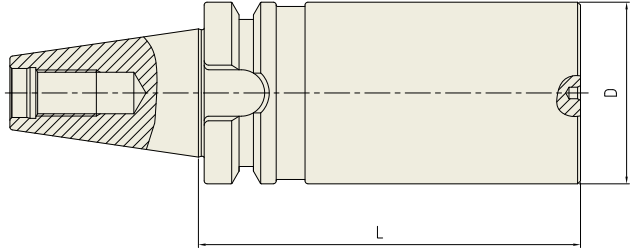


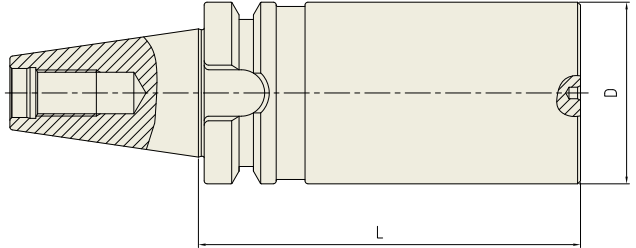
BLANK BAR

BL

BLANK BAR

BOHRSTANGENROHLING
EBAUCHE DE BARRES D ALÉSAGE
BARRA ALESATRICE GREZZA
PIEZA EN BRUTO PARA BARRAS DE MANDRINAR





JIS
B6339-
BT

AT3

A

Unit : mm					
TAPER No.	MODEL No.	EDP No.	D	L	WEIGHT(Kg)
40	BT40-BL63-250	P2779191	63	250	6.37
50	BT50-BL97-315	P2779361	97	315	19.60

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

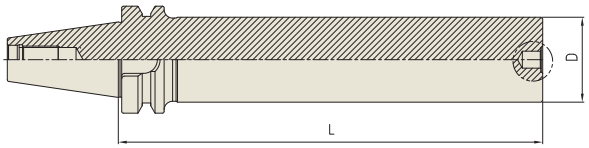


TEST
BAR

TB

TEST BAR

KONTROLLDORN
MANDRIN DE CONTRÔLE
MANDRINO DI CONTROLLO
MANDRIL DE CONTROL



JIS
B6339-
BT




≤3μm


A

Unit : mm					
TAPER No.	MODEL No.	EDP No.	D	L	WEIGHT(Kg)
40	BT40-TB40-300	P2802305	40	300	4.59
50	BT50-TB50-300	P2802307	50	300	6.88

YG-1 TOOLING SYSTEM

HSK
(DIN 69893/ISO 12164)



HYDRAULIC CHUCK

SHRINK FIT HOLDER

ER COLLET CHUCK

END MILL HOLDER

SHELL MILL ARBOR

COMBI-SHELL MILL ARBOR

POWER MILLING CHUCK

MORSE TAPER ARBOR

SK SLIM CHUCK

SYNCHRO TAPPING CHUCK

ONE STEP TAPPING CHUCK

TAPPING ER CHUCK

TAPPING CHUCK

FACE MILL ARBOR

COPY MILL ARBOR

INDEXABLE DRILL HOLDER

NC DRILL CHUCK

BLANK BAR

TEST BAR

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



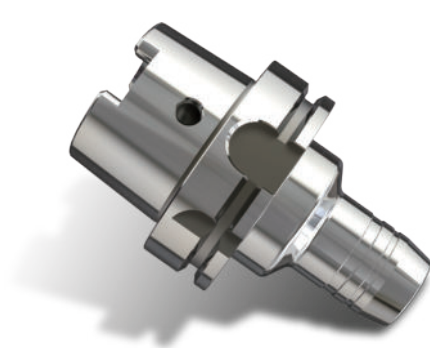
HYDRAULIC
CHUCK

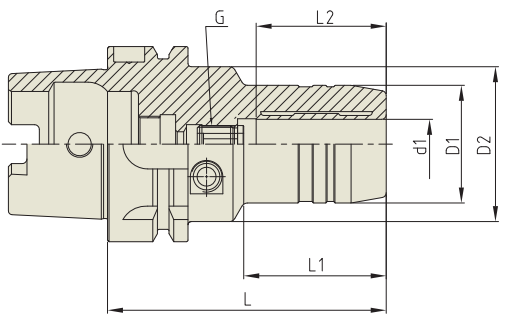
HC

HYDRAULIC CHUCK (STANDARD)

HYDRAULIK SPANNFUTTER (STANDARD)
MANDRIN HYDRAULIQUE (STANDARD)
MANDRINI IDRAULICI (STANDARD)
PORTAHERRAMIENTAS HIDRAULICO (ESTÁNDAR)

HSK-A





DIN
69893-
HSK

2.5G

25,000
RPM

(at 3D)
≤ 3μm

AD

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	G	WEIGHT (Kg)
32A	HSK32A-HC6-80	P2770413	6	26	40	80	29	27	M5×0.8	0.30
	HSK32A-HC8-80	P2770414	8	28	40	80	29	27	M6×1.0	0.30
	HSK32A-HC10-85	P2770415	10	30	40	85	35	32	M6×1.0	0.30
	HSK32A-HC12-90	P2770416	12	32	40	90	40	37	M6×1.0	0.30
40A	HSK40A-HC6-70	P2770401	6	26	34	70	36	27	M5×0.8	0.50
	HSK40A-HC8-70	P2770402	8	28	34	70	36	27	M6×1.0	0.50
	HSK40A-HC10-75	P2770403	10	30	34	75	42	32	M6×1.0	0.60
	HSK40A-HC12-80	P2770417	12	32	34	80	48	37	M6×1.0	0.65
	HSK50A-HC6-70	P2770404	6	26	40	70	28	27	M5×0.8	0.65
50A	HSK50A-HC8-70	P2770405	8	28	40	70	28	27	M6×1.0	0.65
	HSK50A-HC10-75	P2770406	10	30	40	75	34	32	M8×1.0	0.70
	HSK50A-HC12-85	P2770407	12	32	40	85	44	37	M10×1.0	0.75
	HSK50A-HC14-85	P2770408	14	34	40	85	43	37	M10×1.0	0.75
	HSK50A-HC16-90	P2770409	16	38	53	90	30	42	M12×1.0	0.90
	HSK50A-HC18-90	P2770418	18	40	57	90	30	42	M12×1.0	0.90
	HSK50A-HC20-90	P2770419	20	42	60	90	29	42	M16×1.0	1.00
	HSK63A-HC6-70	P2567001	6	26	50	70	24	27	M5×0.8	0.53
	HSK63A-HC8-70	P2567002	8	28	50	70	25	27	M6×1.0	0.55
63A	HSK63A-HC10-80	P2567003	10	30	50	80	35	32	M8×1.0	1.00
	HSK63A-HC12-85	P2567004	12	32	50	85	40	37	M10×1.0	1.03
	HSK63A-HC14-85	P2567005	14	34	50	85	40	37	M10×1.0	1.05
	HSK63A-HC16-90	P2567006	16	38	50	90	46	42	M12×1.0	1.15
	HSK63A-HC18-90	P2567007	18	40	50	90	47	42	M12×1.0	1.15
	HSK63A-HC20-90	P2567008	20	42	50	90	48	42	M16×1.0	1.20
	HSK63A-HC25-120	P2567009	25	57	63	120	59	48	M16×1.0	2.20
	HSK63A-HC32-125	P2567010	32	64	75	125	63	55	M16×1.0	2.40

► Inch type products are available.
► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
► Supplied with clamping T-wrench.
► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

► NEXT PAGE

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



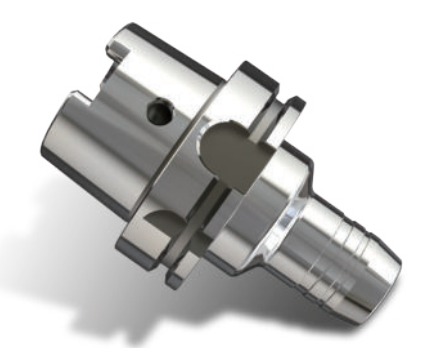
HYDRAULIC
CHUCK

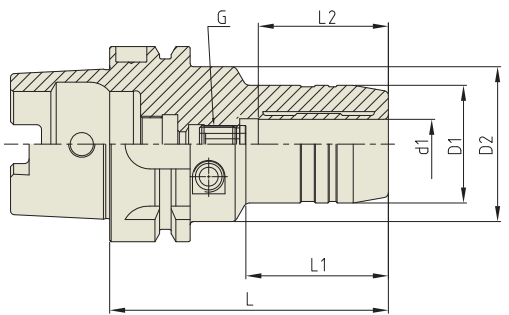
HC

HYDRAULIC CHUCK (STANDARD)

HYDRAULIK SPANNFUTTER (STANDARD)
MANDRIN HYDRAULIQUE (STANDARD)
MANDRINI IDRAULICI (STANDARD)
PORTAHERRAMIENTAS HIDRAULICO (ESTÁNDAR)

HSK-A





DIN
69893-
HSK

2.5G

25,000
RPM

(at 3D)
≤ 3μm

AD

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	G	WEIGHT (Kg)
80A	HSK80A-HC12-85	P2770462	12	32	50	85	40	37	M10×1.0	1.60
	HSK80A-HC20-95	P2770463	20	42	50	95	52	42	M16×1.0	1.80
	HSK80A-HC32-125	P2770464	32	64	75	125	63	55	M16×1.0	3.30
100A	HSK100A-HC6-75	P2770420	6	26	50	75	26	27	M5×0.8	3.20
	HSK100A-HC8-75	P2770421	8	28	50	75	26	27	M6×1.0	3.20
	HSK100A-HC10-90	P2770422	10	30	50	90	42	32	M8×1.0	3.40
	HSK100A-HC12-95	P2770410	12	32	50	95	47	37	M10×1.0	3.40
	HSK100A-HC14-95	P2770423	14	34	50	95	47	37	M10×1.0	3.40
	HSK100A-HC16-100	P2770411	16	38	50	100	53	42	M12×1.0	3.50
	HSK100A-HC18-100	P2770424	18	40	50	100	53	42	M12×1.0	3.60
	HSK100A-HC20-105	P2757010	20	42	50	105	59	42	M16×1.0	4.00
	HSK100A-HC25-110	P2770412	25	57	63	110	62	48	M16×1.0	4.20
	HSK100A-HC32-110	P2757020	32	64	75	110	62	55	M16×1.0	4.30

► Inch type products are available.
► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
► Supplied with clamping T-wrench.
► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



HYDRAULIC CHUCK

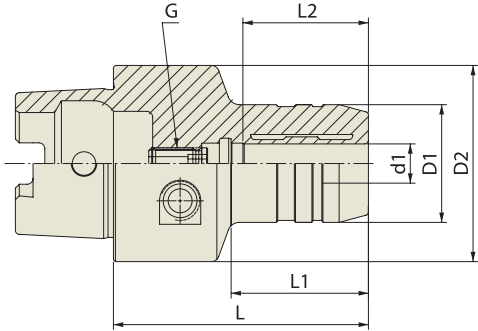
HC

HYDRAULIC CHUCK (STANDARD)

HYDRAULIK SPANNFUTTER (STANDARD)
MANDRIN HYDRAULIQUE (STANDARD)
MANDRINI IDRAULICI (STANDARD)
PORTAHERRAMIENTAS HIDRAULICO (ESTÁNDAR)

HSK-C





DIN 69893-HSK

2.5G

25,000 RPM

⚡ (at 3D) ≤3μm

AD

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	G	WEIGHT (Kg)
32C	HSK32C-HC6-65	P2770425	6	26	32	65	30	27	M5x0.8	0.30
	HSK32C-HC8-70	P2770426	8	28	32	70	34	27	M6x1.0	0.30
	HSK32C-HC10-75	P2770427	10	30	32	75	39	32	M6x1.0	0.30
	HSK32C-HC12-80	P2770428	12	32	32	80	-	37	M6x1.0	0.30
40C	HSK40C-HC6-60	P2770429	6	26	40	60	36	27	M5x0.8	0.55
	HSK40C-HC8-60	P2770430	8	28	40	60	36	27	M6x1.0	0.55
	HSK40C-HC10-65	P2770431	10	30	40	65	41	32	M6x1.0	0.65
	HSK40C-HC12-70	P2770432	12	32	40	70	47	37	M6x1.0	0.70
50C	HSK50C-HC6-60	P2770433	6	26	50	60	30	27	M5x0.8	0.65
	HSK50C-HC8-60	P2770434	8	28	50	60	30	27	M6x1.0	0.65
	HSK50C-HC10-65	P2770435	10	30	50	65	35	32	M8x1.0	0.70
	HSK50C-HC12-75	P2770436	12	32	50	75	44	37	M10x1.0	0.75
	HSK50C-HC14-75	P2770437	14	34	50	75	46	37	M10x1.0	0.75
	HSK50C-HC16-80	P2770438	16	38	50	80	51	42	M12x1.0	0.90
	HSK50C-HC18-80	P2770439	18	40	50	80	51	42	M12x1.0	0.90
63C	HSK50C-HC20-80	P2770440	20	42	50	80	48	42	M16x1.0	1.00
	HSK63C-HC6-60	P2770441	6	26	63	60	25	27	M5x0.8	0.96
	HSK63C-HC8-60	P2770442	8	28	63	60	25	27	M6x1.0	0.98
	HSK63C-HC10-65	P2770443	10	30	63	65	31	32	M8x1.0	1.04
	HSK63C-HC12-75	P2770444	12	32	63	75	41	37	M10x1.0	1.06
	HSK63C-HC14-75	P2770445	14	34	63	75	42	37	M10x1.0	1.08
	HSK63C-HC16-80	P2770446	16	38	63	80	48	42	M12x1.0	1.18
	HSK63C-HC18-80	P2770447	18	40	63	80	47	42	M12x1.0	1.20
	HSK63C-HC20-80	P2770448	20	42	63	80	49	42	M16x1.0	1.22
	HSK63C-HC25-95	P2770449	25	57	63	95	63	48	M16x1.0	2.20
	HSK63C-HC32-100	P2770450	32	63	63	100	-	55	M16x1.0	2.60

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



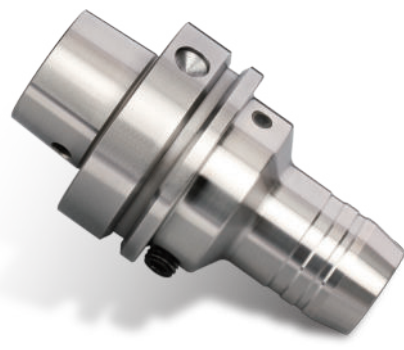
HYDRAULIC CHUCK

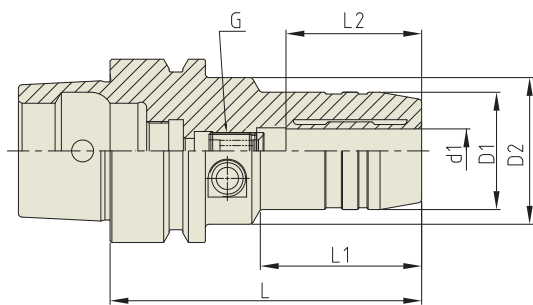
HC

HYDRAULIC CHUCK (STANDARD)

HYDRAULIK SPANNFUTTER (STANDARD)
MANDRIN HYDRAULIQUE (STANDARD)
MANDRINI IDRAULICI (STANDARD)
PORTAHERRAMIENTAS HIDRAULICO (ESTÁNDAR)

HSK-E





DIN 69893-HSK

2.5G

25,000 RPM

⚡ (at 3D) ≤3μm

AD

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	G	WEIGHT (Kg)
40E	HSK40E-HC6-70	P2770451	6	26	34	70	36	27	M5x0.8	0.55
	HSK40E-HC8-70	P2770452	8	28	34	70	36	27	M6x1.0	0.55
	HSK40E-HC10-75	P2770453	10	30	34	75	42	32	M6x1.0	0.65
	HSK40E-HC12-80	P2770454	12	32	34	80	48	37	M6x1.0	0.70
50E	HSK50E-HC6-70	P2770455	6	26	40	70	28	27	M5x0.8	0.65
	HSK50E-HC8-70	P2770456	8	28	40	70	28	27	M6x1.0	0.65
	HSK50E-HC10-75	P2770457	10	30	40	75	34	32	M8x1.0	0.70
	HSK50E-HC12-85	P2770458	12	32	40	85	44	37	M10x1.0	0.75
	HSK50E-HC16-90	P2770459	16	38	53	90	30	42	M12x1.0	0.90
63F	HSK50E-HC20-90	P2770460	20	42	60	90	29	42	M16x1.0	1.00
	HSK63F-HC20-85	P2770461	20	42	50	85	46	42	M12x1.0	1.20

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

D158

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

 YG-1 CO., LTD.

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

D159

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



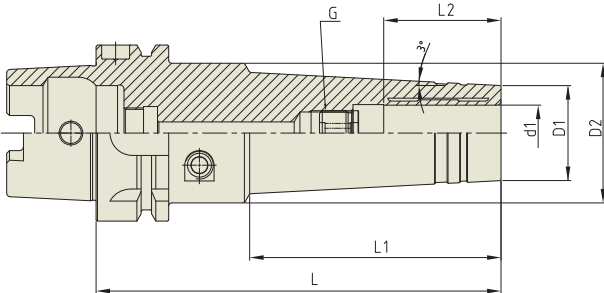
HYDRAULIC
CHUCK

HMC

HYDRAULIC CHUCK (SLIM)

HYDRAULIK SPANNFUTTER FÜR DEN FORMENBAU
MANDRIN HYDRAULIQUE POUR MOULISTE
MANDRINI IDRAULICI PER STAMPAGGIO
PORTAHERRAMIENTAS HIDRAULICO PARA MOLDES

HSK-A



DIN
69893-
HSK

2.5G

25,000
RPM

(at 3D)
≤ 3μm

AD

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	G	WEIGHT (Kg)
63A	HSK63A-HMC6-145	P2770801	6	20	50	145	90	27	M5×0.8	1.40
	HSK63A-HMC8-145	P2770802	8	22	50	145	90	27	M6×1.0	1.40
	HSK63A-HMC10-145	P2770803	10	24	50	145	90	32	M8×1.0	1.40
	HSK63A-HMC12-145	P2770804	12	25	50	145	90	37	M10×1.0	1.40
	HSK63A-HMC14-145	P2770814	14	27	50	145	90	37	M10×1.0	1.40
	HSK63A-HMC16-145	P2770805	16	32	50	145	90	42	M12×1.0	1.45
	HSK63A-HMC20-145	P2770806	20	34	50	145	90	42	M16×1.0	1.50
100A	HSK100A-HMC6-150	P2770812	6	20	50	150	90	27	M5×0.8	4.50
	HSK100A-HMC8-150	P2770807	8	22	50	150	90	27	M6×1.0	4.50
	HSK100A-HMC10-150	P2770808	10	24	50	150	90	32	M8×1.0	4.50
	HSK100A-HMC12-150	P2770809	12	25	50	150	90	37	M10×1.0	4.50
	HSK100A-HMC14-150	P2770815	14	27	50	150	90	37	M10×1.0	4.50
	HSK100A-HMC16-150	P2770810	16	32	50	150	90	42	M12×1.0	4.70
	HSK100A-HMC20-150	P2770811	20	34	50	150	90	42	M16×1.0	5.00

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



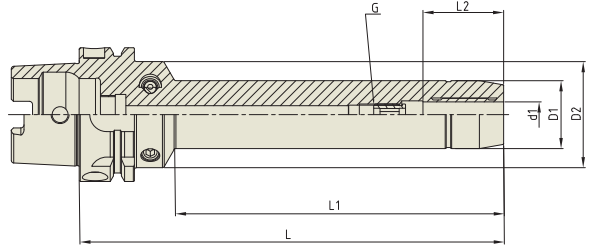
HYDRAULIC
CHUCK

HC-LS

HYDRAULIC CHUCK (LONG & SLIM)

HYDRAULIK SPANNFUTTER (LANG & SCHLANK)
MANDRIN HYDRAULIQUE (LONGUE ET MINCE)
MANDRINI IDRAULICI (LUNGO E SOTTILE)
PORTAHERRAMIENTAS HIDRAULICO (LARGO Y DELGADO)

HSK-A



DIN
69893-
HSK

2.5G

25,000
RPM

(at 3D)
≤ 3μm

AD

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	G	WEIGHT (Kg)
63A	HSK63A-HC6LS-150	P2770483	6	26	50	150	103	25	M5×0.8	1.40
	HSK63A-HC6LS-200	P2770484	6	26	50	200	153	25	M5×0.8	1.60
	HSK63A-HC8LS-150	P2770485	8	28	50	150	104	25	M6×1.0	1.40
	HSK63A-HC8LS-200	P2770486	8	28	50	200	154	25	M6×1.0	1.60
	HSK63A-HC10LS-150	P2770487	10	30	50	150	104	29	M8×1.0	1.50
	HSK63A-HC10LS-200	P2770488	10	30	50	200	154	29	M8×1.0	1.70
	HSK63A-HC12LS-150	P2770489	12	32	50	150	105	34	M10×1.0	1.50
	HSK63A-HC12LS-200	P2770490	12	32	50	200	155	34	M10×1.0	1.80
	HSK63A-HC14LS-150	P2770491	14	34	50	150	105	34.5	M10×1.0	1.60
	HSK63A-HC16LS-150	P2770492	16	38	50	150	106	39	M12×1.0	1.80
	HSK63A-HC16LS-200	P2770493	16	38	50	200	156	39	M12×1.0	2.20
	HSK63A-HC18LS-150	P2770494	18	40	50	150	107	40.5	M12×1.0	1.80
	HSK63A-HC20LS-150	P2770495	20	42	50	150	108	40.5	M16×1.0	1.90
	HSK63A-HC20LS-200	P2770496	20	42	50	200	158	40.5	M16×1.0	2.40

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► Supplied with clamping T-wrench.

► For applicable Hydraulic Chuck collet, please refer to page D291~D294.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



SHRINK FIT
HOLDER

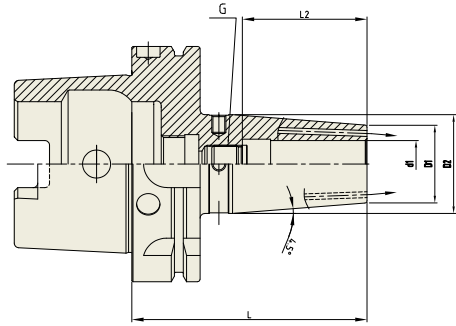
SFH

SHRINK FIT HOLDER (COOLANT CHANNEL)

SCHRUMPFUTTER
MANDRIN DE FRETAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR

HSK-A





DIN
69893-
HSK

2.5G

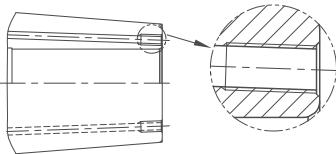
25,000
RPM

LDI
≤ 3μm

AD+C

Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L2	G	WEIGHT (Kg)
100A	HSK100A-SFH18C-100	P2862043C	18	33	42	100	50	M12x1.0	1.50
	HSK100A-SFH18C-130	P2863420C	18	33	42	130	50	M12x1.0	-
	HSK100A-SFH18C-160	P2862044C	18	33	42	160	50	M12x1.0	2.00
	HSK100A-SFH18C-200	P2863421C	18	33	42	200	50	M12x1.0	-
	HSK100A-SFH20C-100	P2862045C	20	33	42	100	52	M16x1.0	1.50
	HSK100A-SFH20C-130	P2863422C	20	33	42	130	52	M16x1.0	-
	HSK100A-SFH20C-160	P2862046C	20	33	42	160	52	M16x1.0	2.00
	HSK100A-SFH20C-200	P2863423C	20	33	42	200	52	M16x1.0	-
	HSK100A-SFH25C-115	P2862047C	25	44	53	115	58	M16x1.0	1.80
	HSK100A-SFH25C-130	P2863424C	25	44	53	130	58	M16x1.0	-
	HSK100A-SFH25C-160	P2862048C	25	44	53	160	58	M16x1.0	2.30
	HSK100A-SFH25C-200	P2863425C	25	44	53	200	58	M16x1.0	-

► Inch type products are available.
► Supplied without balancing screws.
► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
► With two coolant channel bores.
► Resealable coolant channel type is available upon request.
(Thread for plugging screw & 2 screws)



D170

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



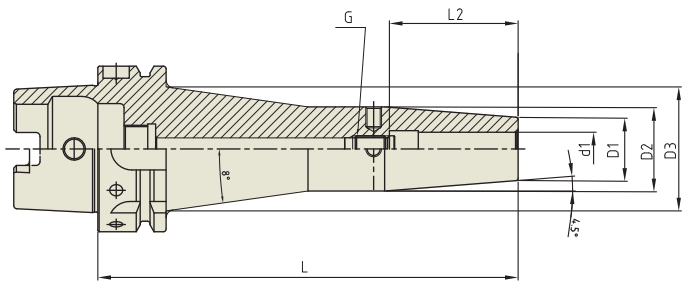
SHRINK FIT
HOLDER

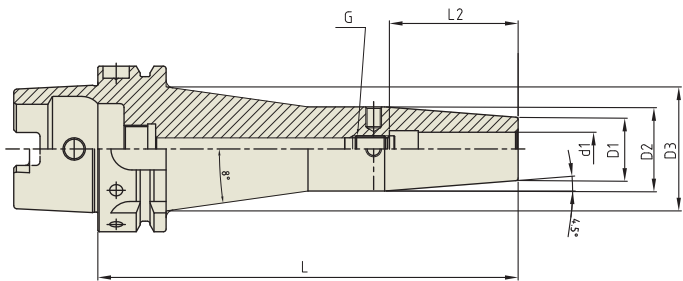
SFH

SHRINK FIT HOLDER (REINFORCED)

SCHRUMPFUTTER
MANDRIN DE FRETAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR

HSK-A





DIN
69893-
HSK

AT3

2.5G

25,000
RPM

LDI
≤ 3μm

AD

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	D3	L	L2	G	WEIGHT (Kg)
63A	HSK63A-SFH6 TW-160	P2801501TW	6	21	27	42.2	160	36	M5x0.8	1.36
	HSK63A-SFH8 TW-160	P2801502TW	8	21	27	42.2	160	36	M6x1.0	1.35
	HSK63A-SFH10 TW-160	P2801503TW	10	24	32	47.2	160	42	M8x1.0	1.56
	HSK63A-SFH12 TW-160	P2801504TW	12	24	32	47.2	160	47	M10x1.0	1.55
	HSK63A-SFH14 TW-160	P2801505TW	14	27	34	49.2	160	47	M10x1.0	1.52
	HSK63A-SFH16 TW-160	P2801506TW	16	27	34	49.2	160	50	M12x1.0	1.64
100A	HSK100A-SFH6 TW-160	P2801507TW	6	21	27	41.3	160	36	M5x0.8	2.73
	HSK100A-SFH8 TW-160	P2801508TW	8	21	27	41.3	160	36	M6x1.0	2.72
	HSK100A-SFH10 TW-160	P2801509TW	10	24	32	46.3	160	42	M8x1.0	2.92
	HSK100A-SFH12 TW-160	P2801510TW	12	24	32	46.3	160	47	M10x1.0	2.9
	HSK100A-SFH14 TW-160	P2801511TW	14	27	34	48.3	160	47	M10x1.0	3.05
	HSK100A-SFH16 TW-160	P2801512TW	16	27	34	48.3	160	50	M12x1.0	3.03
	HSK100A-SFH18 TW-160	P2801513TW	18	33	42	56.3	160	50	M12x1.0	3.39
	HSK100A-SFH20 TW-160	P2801514TW	20	33	42	56.3	160	52	M16x1.0	3.36

► Inch type products are available.
► Supplied without balancing screws.
► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

D171

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 YG-1 CO., LTD.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

SHRINK FIT HOLDER

SFH

HSK-A

SHRINK FIT HOLDER (MQL1)

SCHRUMPFUTTER

MANDRIN DE FRETAGE

MADRINI PER CALLETAMENTO A CALDO

PORTAHERRAMIENTAS DE COMPRESION POR CALOR



FIG.1

FIG.2

DIN 69893-HSK

2.5G

25,000 RPM

LD ≤ 3μm

AD

Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L2	G	FIG.	WEIGHT (Kg)
100A	HSK100A-SFH6-85 M1	P2860028	6	21	27	85	36	M5×0.8	1	1.30
	HSK100A-SFH6-160 M1	P2860029	6	21	27	160	36	M5×0.8	1	1.80
	HSK100A-SFH8-85 M1	P2860030	8	21	27	85	36	M6×1.0	1	1.30
	HSK100A-SFH8-160 M1	P2860031	8	21	27	160	36	M6×1.0	1	1.80
	HSK100A-SFH10-90 M1	P2860032	10	24	32	90	42	M8×1.0	1	1.30
	HSK100A-SFH10-160 M1	P2860033	10	24	32	160	42	M8×1.0	1	1.80
	HSK100A-SFH12-95 M1	P2860034	12	24	32	95	47	M10×1.0	1	1.30
	HSK100A-SFH12-160 M1	P2860035	12	24	32	160	47	M10×1.0	1	1.80
	HSK100A-SFH14-95 M1	P2860036	14	27	34	95	47	M10×1.0	1	1.40
	HSK100A-SFH14-160 M1	P2860037	14	27	34	160	47	M10×1.0	1	1.90
	HSK100A-SFH16-100 M1	P2860038	16	27	34	100	50	M10×1.0	1	1.40
	HSK100A-SFH16-160 M1	P2860039	16	27	34	160	50	M10×1.0	1	1.90
	HSK100A-SFH18-100 M1	P2860040	18	33	42	100	50	M10×1.0	2	1.50
	HSK100A-SFH18-160 M1	P2860041	18	33	42	160	50	M10×1.0	2	2.00
	HSK100A-SFH20-100 M1	P2860042	20	33	42	100	52	M10×1.0	2	1.50
	HSK100A-SFH20-160 M1	P2860043	20	33	42	160	52	M10×1.0	2	2.00
	HSK100A-SFH25-115 M1	P2860044	25	44	53	115	58	M10×1.0	2	1.80
	HSK100A-SFH25-160 M1	P2860045	25	44	53	160	58	M10×1.0	2	2.30

► Inch type products are available.

► Supplied without balancing screws.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

D176

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YG-1 CO., LTD.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

ER COLLET CHUCK

ER

HSK-A

ER COLLET CHUCK

SPANN FUTTER-ER

MANDRIN À PINCES - ER

MANDRINO PORTA PINZE - ER

PORTAPINZAS - ER



DIN 69893-HSK

2.5G

25,000 RPM

AD

Unit : mm								
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
32A	HSK32A-ER11-50	P2774908	0.5 - 7.0	50	19	23.6	ER11	0.18
	HSK32A-ER16-60	P2774909	0.5 - 10.0	60	28	43.0	ER16	0.21
40A	HSK40A-ER11-60	P2774910	0.5 - 7.0	60	19	28.6	ER11	0.40
	HSK40A-ER16-60	P2774911	0.5 - 10.0	60	28	36.6	ER16	0.50
	HSK40A-ER20-70	P2774912	0.5 - 13.0	70	34	44.5	ER20	0.80

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

DIN 69893-HSK

6.3G

15,000 RPM

AD

Unit : mm								
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
32A	HSK32A-ER11-50	P2771908	0.5 - 7.0	50	19	28.6	ER11	0.18
	HSK32A-ER16-60	P2771909	0.5 - 10.0	60	28	36.6	ER16	0.21
40A	HSK40A-ER11-60	P2771901	0.5 - 7.0	60	19	28.6	ER11	0.40
	HSK40A-ER16-60	P2771902	0.5 - 10.0	60	28	36.6	ER16	0.50
	HSK40A-ER20-70	P2771903	0.5 - 13.0	70	34	44.5	ER20	0.80

► Inch type products are available.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

D177

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



ER COLLET
CHUCK

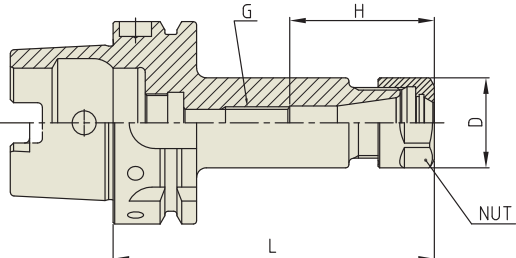
ER

ER COLLET CHUCK

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

HSK-A





DIN
69893-
HSK

2.5G

25,000
RPM

AD

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
50A	HSK50A-ER16-100	P2774938	0.5 - 10.0	100	28	M10	45	ER16	0.70
	HSK50A-ER20-100	P2774939	0.5 - 13.0	100	35	M12	50	ER20	0.90
	HSK50A-ER25-100	P2774940	1.0 - 16.0	100	42	M12	50	ER25	1.20
	HSK50A-ER32-100	P2774941	1.0 - 20.0	100	50	M12	47	ER32	1.50
63A	HSK63A-ER16-100	P2774901	0.5 - 10.0	100	28	M10	45	ER16	1.20
	HSK63A-ER16-130	P2774966	0.5 - 10.0	130	28	M10	45	ER16	-
	HSK63A-ER16-160	P2771977	0.5 - 10.0	160	28	M10	45	ER16	-
	HSK63A-ER20-100	P2774942	0.5 - 13.0	100	35	M12	50	ER20	1.50
	HSK63A-ER20-130	P2774967	0.5 - 13.0	130	35	M12	50	ER20	-
	HSK63A-ER20-160	P2774968	0.5 - 13.0	160	35	M12	50	ER20	-
	HSK63A-ER25-100	P2774902	1.0 - 16.0	100	42	M12	57	ER25	1.80
	HSK63A-ER25-130	P2774969	1.0 - 16.0	130	42	M12	57	ER25	-
	HSK63A-ER25-160	P2774970	1.0 - 16.0	160	42	M12	57	ER25	-
	HSK63A-ER32-100	P2774903	1.0 - 20.0	100	50	M12	60	ER32	2.00
	HSK63A-ER32-130	P2774971	1.0 - 20.0	130	50	M12	60	ER32	-
	HSK63A-ER32-160	P2774954	1.0 - 20.0	160	50	M12	60	ER32	-
	HSK63A-ER40-120	P2774904	2.0 - 30.0	120	63	M12	69	ER40	2.30
	HSK63A-ER40-160	P2774972	2.0 - 30.0	160	63	M12	69	ER40	-

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

► NEXT PAGE

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



ER COLLET
CHUCK

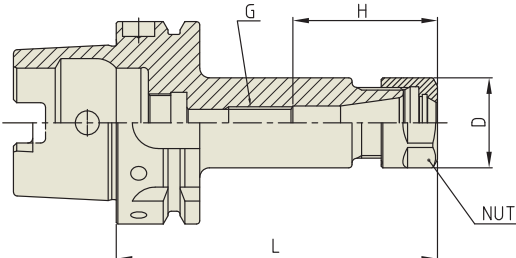
ER

ER COLLET CHUCK

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

HSK-A





DIN
69893-
HSK

2.5G

25,000
RPM

AD

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
80A	HSK80A-ER16-100	P2774943	0.5 - 10.0	100	28	M10	45	ER16	1.77
	HSK80A-ER25-100	P2774944	1.0 - 16.0	100	42	M12	47	ER20	1.79
	HSK80A-ER32-100	P2774945	1.0 - 20.0	100	50	M12	53	ER25	1.95
100A	HSK100A-ER16-100	P2774905	0.5 - 10.0	100	28	M10	45	ER16	2.60
	HSK100A-ER16-130	P2774973	0.5 - 10.0	130	28	M10	45	ER16	-
	HSK100A-ER16-160	P2782001	0.5 - 10.0	160	28	M10	45	ER16	-
	HSK100A-ER20-100	P2774946	0.5 - 13.0	100	35	M12	50	ER20	2.70
	HSK100A-ER20-130	P2774974	0.5 - 13.0	130	35	M12	50	ER20	-
	HSK100A-ER20-160	P2782002	0.5 - 13.0	160	35	M12	50	ER20	-
	HSK100A-ER25-100	P2774906	1.0 - 16.0	100	42	M12	57	ER25	2.90
	HSK100A-ER25-130	P2774975	1.0 - 16.0	130	42	M12	57	ER25	-
	HSK100A-ER25-160	P2782003	1.0 - 16.0	160	42	M12	57	ER25	-
	HSK100A-ER32-100	P2774907	1.0 - 20.0	100	50	M12	65	ER32	3.10
	HSK100A-ER32-130	P2774976	1.0 - 20.0	130	50	M12	65	ER32	-
	HSK100A-ER32-160	P2774977	1.0 - 20.0	160	50	M12	65	ER32	-
	HSK100A-ER40-120	P2774947	1.0 - 20.0	120	63	M12	69	ER40	3.30
	HSK100A-ER40-160	P2774978	1.0 - 20.0	160	63	M12	69	ER40	-

► Inch type products are available.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



ER COLLET
CHUCK

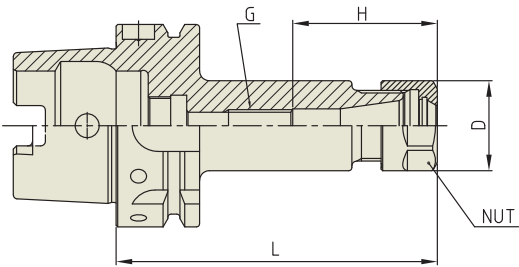
ER

ER COLLET CHUCK

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

HSK-A





DIN
69893-
HSK

6.3G

15,000
RPM

AD

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)
50A	HSK50A-ER16-100	P2771927	0.5 - 10.0	100	28	M10	45	ER16	0.70
	HSK50A-ER20-100	P2771928	0.5 - 13.0	100	35	M12	50	ER20	0.90
	HSK50A-ER25-100	P2771929	1.0 - 16.0	100	42	M12	50	ER25	1.20
	HSK50A-ER32-100	P2771930	1.0 - 20.0	100	50	M12	65	ER32	1.50
63A	HSK63A-ER16-100	P2564001	0.5 - 10.0	100	28	M10	45	ER16	1.20
	HSK63A-ER16-130	P2782007	0.5 - 10.0	130	28	M10	45	ER16	-
	HSK63A-ER16-160	P2771977	0.5 - 10.0	160	28	M10	45	ER16	-
	HSK63A-ER20-100	P2564005	0.5 - 13.0	100	35	M12	50	ER20	1.50
	HSK63A-ER20-130	P2782008	0.5 - 13.0	130	35	M12	50	ER20	-
	HSK63A-ER20-160	P2782009	0.5 - 13.0	160	35	M12	50	ER20	-
	HSK63A-ER25-100	P2564002	1.0 - 16.0	100	42	M12	57	ER25	1.80
	HSK63A-ER25-130	P2782010	1.0 - 16.0	130	42	M12	57	ER25	-
	HSK63A-ER25-160	P2782011	1.0 - 16.0	160	42	M12	57	ER25	-
	HSK63A-ER32-100	P2564003	1.0 - 20.0	100	50	M12	60	ER32	2.00
	HSK63A-ER32-130	P2782012	1.0 - 20.0	130	50	M12	60	ER32	-
	HSK63A-ER32-160	P2774954	1.0 - 20.0	160	50	M12	60	ER32	-
	HSK63A-ER40-120	P2564004	2.0 - 30.0	120	63	M12	75	ER40	2.30
	HSK63A-ER40-160	P2782013	2.0 - 30.0	160	63	M12	75	ER40	-
	HSK80A-ER16-100	P2771932	0.5 - 10.0	100	28	M10	45	ER16	1.77
80A	HSK80A-ER25-100	P2771933	1.0 - 16.0	100	42	M12	47	ER20	1.79
	HSK80A-ER32-100	P2771934	1.0 - 20.0	100	50	M12	53	ER25	1.95
100A	HSK100A-ER16-100	P2564011	0.5 - 10.0	100	28	M10	45	ER16	2.60
	HSK100A-ER16-130	P2782014	0.5 - 10.0	130	28	M10	45	ER16	-
	HSK100A-ER16-160	P2782001	0.5 - 10.0	160	28	M10	45	ER16	-
	HSK100A-ER20-100	P2564015	0.5 - 13.0	100	35	M12	50	ER20	2.70
	HSK100A-ER25-100	P2564012	1.0 - 16.0	100	42	M12	57	ER25	2.90
	HSK100A-ER25-130	P2782015	1.0 - 16.0	130	42	M12	57	ER25	-
	HSK100A-ER25-160	P2782003	1.0 - 16.0	160	42	M12	57	ER25	-
	HSK100A-ER32-100	P2564013	1.0 - 20.0	100	50	M12	65	ER32	3.10
	HSK100A-ER32-130	P2782016	1.0 - 20.0	130	50	M12	65	ER32	-
	HSK100A-ER32-160	P2782017	1.0 - 20.0	160	50	M12	65	ER32	-
	HSK100A-ER40-120	P2564014	2.0 - 30.0	120	63	M12	69	ER40	3.30
	HSK100A-ER40-160	P2782018	2.0 - 30.0	160	63	M12	69	ER40	-

► Inch type products are available.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

D180

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



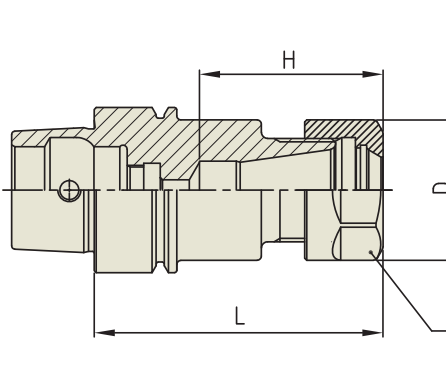
ER COLLET
CHUCK

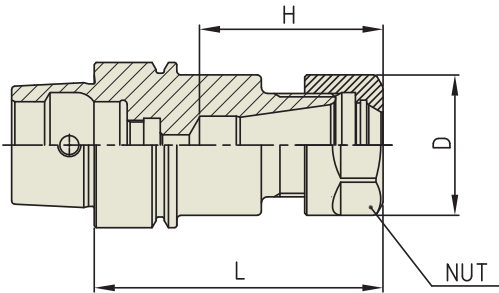
ER

ER COLLET CHUCK

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

HSK-E





DIN
69893-
HSK

2.5G

25,000
RPM

AD

Unit : mm								
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
25E	HSK25E-ER11-40	P2774921	0.5 - 7.0	40	19	26.6	ER11	0.15
	HSK25E-ER16-50	P2774922	0.5 - 10.0	50	28	34.6	ER16	0.18
32E	HSK32E-ER11-50	P2774923	0.5 - 7.0	50	19	23.6	ER11	0.18
	HSK32E-ER16-60	P2774924	0.5 - 10.0	60	28	41.0	ER16	0.21
40E	HSK40E-ER11-60	P2774925	0.5 - 7.0	60	19	40.0	ER11	0.40
	HSK40E-ER16-60	P2774926	0.5 - 10.0	60	28	41.0	ER16	0.50
	HSK40E-ER20-70	P2774927	0.5 - 13.0	70	34	50.0	ER20	0.80

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

DIN
69893-
HSK

6.3G

15,000
RPM

AD

Unit : mm								
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
25E	HSK25E-ER11-40	P2771935	0.5 - 7.0	40	19	26.6	ER11	0.16
	HSK25E-ER16-50	P2771936	0.5 - 10.0	50	28	34.6	ER16	0.16
32E	HSK32E-ER11-50	P2771918	0.5 - 7.0	50	19	23.6	ER11	0.18
	HSK32E-ER16-60	P2771919	0.5 - 10.0	60	28	41.0	ER16	0.21
40E	HSK40E-ER11-60	P2771920	0.5 - 7.0	60	19	40.0	ER11	0.40
	HSK40E-ER16-60	P2771921	0.5 - 10.0	60	28	41.0	ER16	0.50
	HSK40E-ER20-70	P2771922	0.5 - 13.0	70	34	50.0	ER20	0.80

► Inch type products are available.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

D181

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM



ER COLLET
CHUCK

ER

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

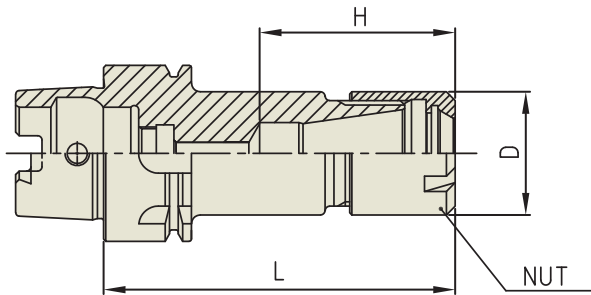
BORING
SYSTEM

ACCESSORY
& PARTS

ER COLLET CHUCK (SLIM)

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

HSK-A



Unit : mm								
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
32A	HSK32A-ER8M-40	P2774913	0.5 - 5.0	40	12	21.0	ER8M / ER8	0.18
	HSK32A-ER11M-40	P2774914	0.5 - 7.0	40	16	23.0	ER11M / ER11	0.18
	HSK32A-ER16M-60	P2774915	0.5 - 10.0	60	22	38.0	ER16M / ER16	0.21
	HSK32A-ER20M-60	P2774916	0.5 - 13.0	60	28	38.0	ER20M / ER20	0.21
40A	HSK40A-ER11M-75	P2774917	0.5 - 7.0	75	16	29.5	ER11M / ER11	0.40
	HSK40A-ER16M-80	P2774918	0.5 - 10.0	80	22	38.0	ER16M / ER16	0.50
	HSK40A-ER20M-80	P2774919	0.5 - 13.0	80	28	44.5	ER20M / ER20	0.70
	HSK40A-ER25M-80	P2774920	1.0 - 16.0	80	35	52.0	ER25M / ER25	0.80

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.



Unit : mm								
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
32A	HSK32A-ER8M-40	P2771910	0.5 - 5.0	40	12	21.0	ER8M / ER8	0.15
	HSK32A-ER11M-40	P2771911	0.5 - 7.0	40	16	23.0	ER11M / ER11	0.15
	HSK32A-ER16M-60	P2771912	0.5 - 10.0	60	22	38.0	ER16M / ER16	0.21
	HSK32A-ER20M-60	P2771913	0.5 - 13.0	60	28	39.5	ER20M / ER20	0.20
40A	HSK40A-ER11M-75	P2771914	0.5 - 7.0	75	16	29.5	ER11M / ER11	0.40
	HSK40A-ER16M-80	P2771915	0.5 - 10.0	80	22	38.0	ER16M / ER16	0.50
	HSK40A-ER20M-80	P2771916	0.5 - 13.0	80	28	44.5	ER20M / ER20	0.70
	HSK40A-ER25M-80	P2771917	1.0 - 16.0	80	35	52.0	ER25M / ER25	0.80

- Inch type products are available.
- For applicable ER collet, please refer to page D296~D304.
- For applicable ER nut, Sealing disk and Spanner, please refer to page D307 & D309.

TOOLING
SYSTEM



ER COLLET
CHUCK

ER

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

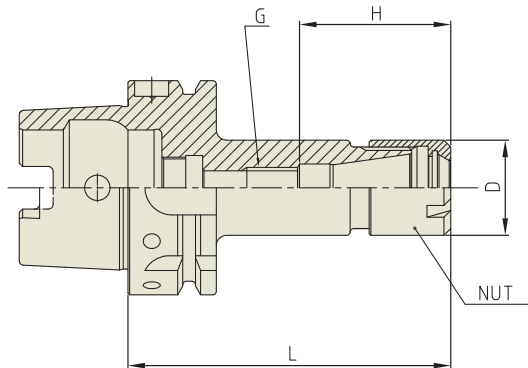
BORING
SYSTEM

ACCESSORY
& PARTS

ER COLLET CHUCK (SLIM)

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

HSK-A



Unit : mm										
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	G	H	NUT / COLLET	WEIGHT (Kg)	
50A	HSK50A-ER11M-75	P2802501	0.5 ~ 7.0	75.00	16	M6	29.5	ER11M / ER11	0.30	
	HSK50A-ER16M-85	P2802502	0.5 ~ 10.0	85.00	22	M10	38.0	ER16M / ER16	0.40	
	HSK50A-ER20M-90	P2802503	0.5 ~ 13.0	90.00	28	M12	44.5	ER20M / ER20	0.80	
	HSK50A-ER25M-105	P2802504	1.0 ~ 16.0	105.00	35	M12	52.0	ER25M / ER25	1.20	
63A	HSK63A-ER11M-75	P2802505	0.5 ~ 7.0	75	16	M6	29.5	ER11M / ER11	0.80	
	HSK63A-ER11M-100	P2774963	0.5 ~ 7.0	100	16	M6	29.5	ER11M / ER11	-	
	HSK63A-ER11M-130	P2802758	0.5 ~ 7.0	130	16	M6	29.5	ER11M / ER11	-	
	HSK63A-ER11M-160	P2802759	0.5 ~ 7.0	160	16	M6	29.5	ER11M / ER11	-	
	HSK63A-ER16M-85	P2802506	0.5 ~ 10.0	85	22	M10	38.0	ER16M / ER16	1.00	
	HSK63A-ER16M-100	P2802760	0.5 ~ 10.0	100	22	M10	38.0	ER16M / ER16	-	
	HSK63A-ER16M-130	P2802761	0.5 ~ 10.0	130	22	M10	38.0	ER16M / ER16	-	
	HSK63A-ER16M-160	P2802762	0.5 ~ 10.0	160	22	M10	38.0	ER16M / ER16	-	
	HSK63A-ER20M-95	P2802507	0.5 ~ 13.0	95	28	M12	44.5	ER20M / ER20	1.20	
	HSK63A-ER20M-130	P2802763	0.5 ~ 13.0	130	28	M12	44.5	ER20M / ER20	-	
	HSK63A-ER20M-160	P2802764	0.5 ~ 13.0	160	28	M12	44.5	ER20M / ER20	-	
	HSK63A-ER25M-105	P2802508	1.0 ~ 16.0	105	35	M12	52.0	ER25M / ER25	1.40	
100A	HSK100A-ER11M-85	P2802509	0.5 ~ 7.0	85	16	M6	29.5	ER11M / ER11	2.40	
	HSK100A-ER16M-95	P2802510	0.5 ~ 10.0	95	22	M10	38.0	ER16M / ER16	2.70	
	HSK100A-ER20M-100	P2802511	0.5 ~ 13.0	100	28	M12	44.5	ER20M / ER20	3.00	
	HSK100A-ER25M-120	P2802512	1.0 ~ 16.0	120	35	M12	52.0	ER25M / ER25	3.20	

- Inch type products are available.
- Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
- For applicable ER collet, please refer to page D296~D304.
- For applicable ER nut, Sealing disk and Spanner, please refer to page D307 & D309.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



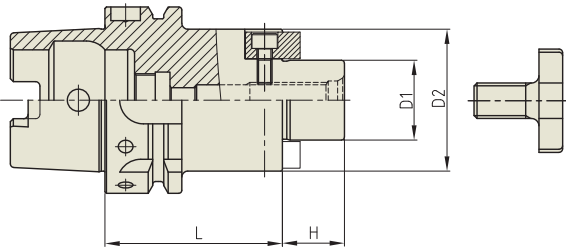
SHELL MILL
ARBOR

SMA

SHELL MILL ARBOR

AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES
MANDRINO CON TRASCINAMENTO FISSO
PORTA FRESAS





DIN
69893-
HSK

6.3G

15,000
RPM

AD

Unit : mm								
TAPER No.	MODEL No.	EDP No.	D1	D2	L	H	BOLT	WEIGHT (Kg)
40A	HSK40A-SMA16-50	P2778201	16	32	50	17	M8x16L	0.40
	HSK40A-SMA22-50	P2778202	22	40	50	19	M10x18L	0.50
	HSK40A-SMA27-60	P2778203	27	48	60	21	M12x22L	0.60
50A	HSK50A-SMA16-50	P2778204	16	32	50	17	M8x16L	0.50
	HSK50A-SMA22-60	P2778205	22	40	60	19	M10x18L	0.57
	HSK50A-SMA27-60	P2778206	27	48	60	21	M12x22L	0.75
	HSK50A-SMA32-60	P2778207	32	58	60	24	M16x26L	0.90
63A	HSK63A-SMA16-50	P2566001	16	32	50	17	M8x16L	0.81
	HSK63A-SMA22-50	P2566002	22	40	50	19	M10x18L	0.93
	HSK63A-SMA27-60	P2566003	27	48	60	21	M12x22L	1.22
	HSK63A-SMA32-60	P2566004	32	58	60	24	M16x26L	1.46
	HSK63A-SMA40-60	P2566005	40	70	60	27	M20x30L	1.80
100A	HSK100A-SMA16-50	P2566011	16	32	50	17	M8x16L	2.14
	HSK100A-SMA22-50	P2566012	22	40	50	19	M10x18L	2.25
	HSK100A-SMA27-50	P2566013	27	48	50	21	M12x22L	2.40
	HSK100A-SMA32-50	P2566014	32	58	50	24	M16x26L	2.60
	HSK100A-SMA40-60	P2566015	40	70	60	27	M20x30L	3.25
	HSK100A-SMA50-70	P2778209	50	90	70	30	M24x36L	5.40

► Inch type products are available.

► For parts, please refer to page D311.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



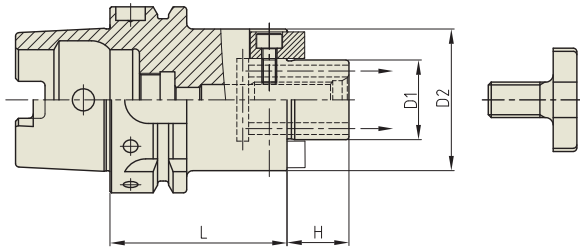
SHELL MILL
ARBOR

SMA

SHELL MILL ARBOR (COOLANT CHANNEL & SMALL FACE)

AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES
MANDRINO CON TRASCINAMENTO FISSO
PORTA FRESAS





DIN
69893-
HSK

6.3G

15,000
RPM

AD+C

Unit : mm								
TAPER No.	MODEL No.	EDP No.	D1	D2	L	H	BOLT	WEIGHT (Kg)
63A	HSK63A-SMA16C-50	P2566001C	16	32	50	17	M8x16L	0.80
	HSK63A-SMA22C-50	P2566002C	22	40	50	19	M10x18L	0.92
	HSK63A-SMA22C-100	P2801101C	22	40	100	19	M10x18L	1.40
	HSK63A-SMA22C-160	P2803202C	22	40	160	19	M10x18L	1.97
	HSK63A-SMA27C-60	P2566003C	27	48	60	21	M12x22L	1.19
	HSK63A-SMA27C-100	P2801102C	27	48	100	21	M12x22L	1.74
	HSK63A-SMA27C-160	P2803204C	27	48	160	21	M12x22L	2.55
	HSK63A-SMA32C-60	P2566004C	32	58	60	24	M16x26L	1.50
	HSK63A-SMA32C-100	P2801103C	32	58	100	24	M16x26L	2.72
	HSK63A-SMA40C-60	P2566005C	40	70	60	27	M20x30L	1.66
100A	HSK100A-SMA16C-50	P2566011C	16	32	50	17	M8x16L	2.25
	HSK100A-SMA22C-50	P2566012C	22	40	50	19	M10x18L	2.25
	HSK100A-SMA22C-100	P2801105C	22	40	100	19	M10x18L	2.72
	HSK100A-SMA22C-160	P2803206C	22	40	160	19	M10x18L	3.28
	HSK100A-SMA27C-50	P2566013C	27	48	50	21	M12x22L	2.40
	HSK100A-SMA27C-100	P2801106C	27	48	100	21	M12x22L	3.12
	HSK100A-SMA27C-160	P2803207C	27	48	160	21	M12x22L	4.01
	HSK100A-SMA32C-50	P2566014C	32	58	50	24	M16x26L	2.55
	HSK100A-SMA32C-100	P2801107C	32	58	100	24	M16x26L	3.49
	HSK100A-SMA32C-160	P2803208C	32	58	160	24	M16x26L	4.66
	HSK100A-SMA40C-60	P2566015C	40	70	60	27	M20x30L	3.10
	HSK100A-SMA40C-100	P2801108C	40	70	100	27	M20x30L	4.19
	HSK100A-SMA40C-160	P2803209C	40	70	160	27	M20x30L	5.88

► Inch type products are available.

► With "Coolant Through" by coolant channels.

► For parts, please refer to page D311.

D190

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

D191

TOOLING
SYSTEM



SHELL MILL
ARBOR

SMA

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

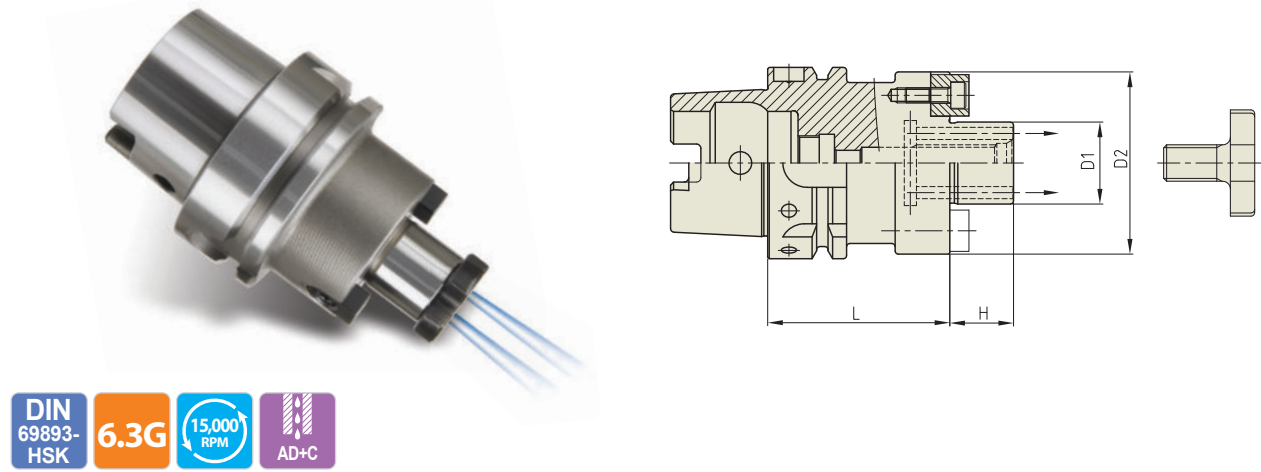
TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

SHELL MILL ARBOR (COOLANT CHANNEL & LARGE FACE)
AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES
MANDRINO CON TRASCINAMENTO FISSO
PORTA FRESAS

HSK-A



Unit : mm								
TAPER No.	MODEL No.	EDP No.	D1	D2	L	H	BOLT	WEIGHT (Kg)
63A	HSK63A-SMA16CE-50	P2803301CE	16	38	50	17	M8x16L	0.86
	HSK63A-SMA16CE-100	P2803302CE	16	38	100	17	M8x16L	1.29
	HSK63A-SMA16CE-145	P2803303CE	16	38	145	17	M8x16L	1.68
	HSK63A-SMA22CE-50	P2803304CE	22	48	50	19	M10x18L	1.02
	HSK63A-SMA22CE-100	P2803305CE	22	48	100	19	M10x18L	1.71
	HSK63A-SMA22CE-160	P2803306CE	22	48	160	19	M10x18L	2.54
	HSK63A-SMA27CE-60	P2803307CE	27	60	60	21	M12x22L	1.39
	HSK63A-SMA27CE-100	P2803308CE	27	60	100	21	M12x22L	2.25
	HSK63A-SMA27CE-160	P2803309CE	27	60	160	21	M12x22L	3.54
	HSK63A-SMA32CE-60	P2803310CE	32	78	60	24	M16x26L	1.70
	HSK63A-SMA32CE-100	P2803311CE	32	78	100	24	M16x26L	3.40
100A	HSK63A-SMA40CE-60	P2803312CE	40	89	60	27	M20x30L	1.99
	HSK100A-SMA16CE-100	P2803313CE	16	38	100	17	M8x16L	2.63
	HSK100A-SMA22CE-50	P2803314CE	22	48	50	19	M10x18L	2.34
	HSK100A-SMA22CE-100	P2803315CE	22	48	100	19	M10x18L	3.02
	HSK100A-SMA22CE-160	P2803316CE	22	48	160	19	M10x18L	3.85
	HSK100A-SMA27CE-50	P2803317CE	27	60	50	21	M12x22L	2.54
	HSK100A-SMA27CE-100	P2803318CE	27	60	100	21	M12x22L	3.60
	HSK100A-SMA27CE-160	P2803319CE	27	60	160	21	M12x22L	4.90
	HSK100A-SMA32CE-50	P2803320CE	32	78	50	24	M16x26L	2.90
	HSK100A-SMA32CE-100	P2803321CE	32	78	100	24	M16x26L	4.68
	HSK100A-SMA32CE-160	P2803322CE	32	78	160	24	M16x26L	6.86
	HSK100A-SMA40CE-60	P2803323CE	40	89	60	27	M20x30L	3.68
	HSK100A-SMA40CE-100	P2803324CE	40	89	100	27	M20x30L	5.51
	HSK100A-SMA40CE-160	P2803325CE	40	89	160	27	M20x30L	8.32

- Inch type products are available.
- With "Coolant Through" by coolant channels.
- For parts, please refer to page D311.

TOOLING
SYSTEM



SHELL MILL
ARBOR

SMF

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

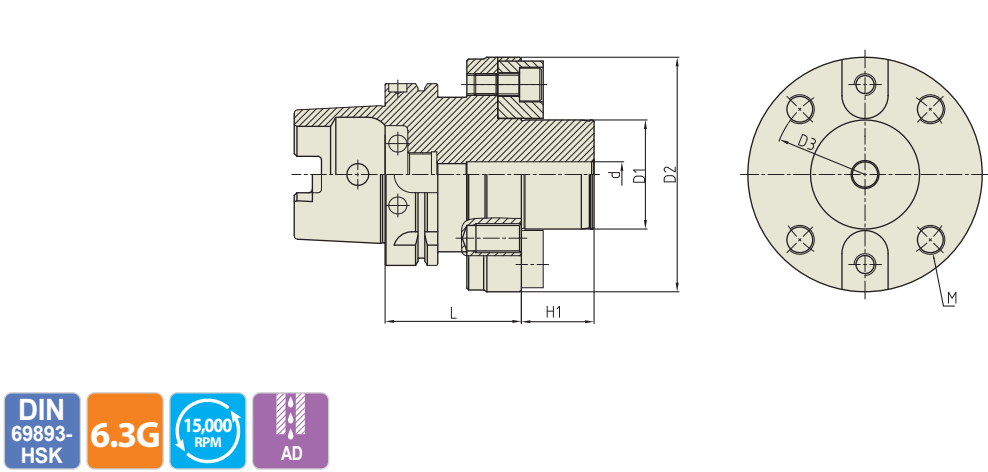
TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

SHELL MILL ARBOR (FLANGE MOUNTING)
AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES
MANDRINO CON TRASCINAMENTO FISSO
PORTA FRESAS

HSK-A



Unit : mm											
TAPER No.	MODEL No.	EDP No.	d	D1	D2	D3	L	H1	M (TAP)	DRIVE KEY & BOLT	WEIGHT (Kg)
100A	HSK100A-SMF60-75	P2524025	14	60	129	101.6	75	40	4-M16	25.4 x 25.4 x 31.5, M12-25L	-

- Inch type products are available.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



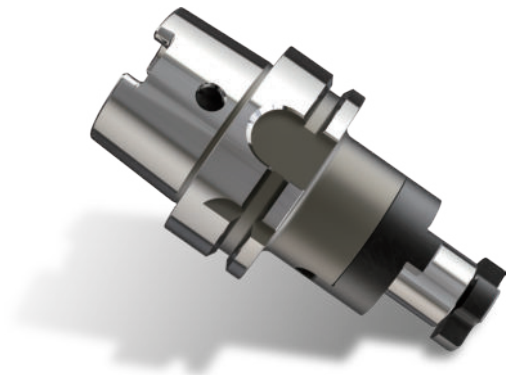
COMBI-SHELL
MILL ARBOR

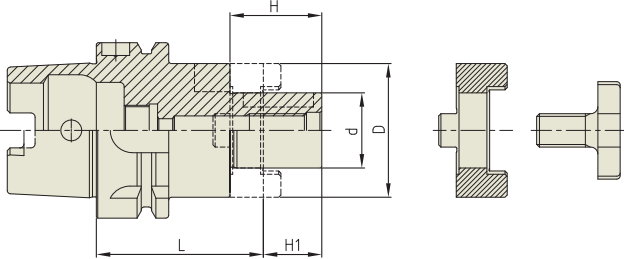
CMA

COMBI-SHELL MILL ARBOR

KOMBI-AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES COMBINÉS
MANDRINO PORTA FRESE
PORTA FRESAS COMBINADO

HSK-A





DIN
69893-
HSK

6.3G

15,000
RPM

AD

Unit : mm								
TAPER No.	MODEL No.	EDP No.	d	L	D	H1	H	WEIGHT (Kg)
50A	HSK50A-CMA16-50	P2562006	16	50	32	17	27	0.56
	HSK50A-CMA22-50	P2562007	22	50	40	19	31	0.66
	HSK50A-CMA27-65	P2562008	27	65	48	21	33	0.96
	HSK50A-CMA32-65	P2562009	32	65	58	24	38	1.15
63A	HSK63A-CMA16-60	P2562001	16	60	32	17	27	0.88
	HSK63A-CMA22-60	P2562002	22	60	40	19	31	1.02
	HSK63A-CMA27-60	P2562003	27	60	48	21	33	1.20
	HSK63A-CMA32-60	P2562004	32	60	53	24	38	1.43
	HSK63A-CMA40-70	P2562005	40	70	70	27	41	1.93
100A	HSK100A-CMA16-60	P2562011	16	60	32	17	27	2.22
	HSK100A-CMA22-60	P2562012	22	60	40	19	31	2.34
	HSK100A-CMA27-60	P2562013	27	60	48	21	33	2.56
	HSK100A-CMA32-60	P2562014	32	60	58	24	38	2.69
	HSK100A-CMA40-70	P2562015	40	70	70	27	41	3.39
	HSK100A-CMA50-80	P2562010	50	80	90	30	46	4.50

► Inch type products are available.

► For parts, please refer to page D312.

D194

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions



YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



POWER MILLING
CHUCK

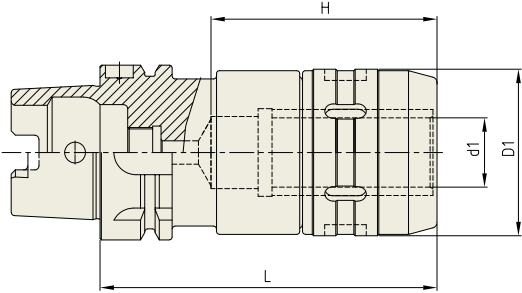
C

HIGH-SPEED POWER MILLING CHUCK

HOCHGESCHWINDIGKEITS FRÄSERFUTTER
MANDRIN PORTE FRAISE À GRANDE VITESSE
MANDRINI PORTA FRESA PER ALTA VELOCITÀ
PORTAHERRAMIENTAS PARA FRESADO DE ALTA VELOCIDAD

HSK-A





DIN
69893-
HSK

6.3G

20,000
RPM

AD

Unit : mm							
TAPER No.	MODEL No.	EDP No.	d1	D1	L	H	WEIGHT (Kg)
50A	HSK50A-C20-100HS	P2773102	20	54	100	70	1.30
63A	HSK63A-C20-105HS	P2562016	20	54	105	70	1.50
	HSK63A-C25-120HS	P2773103	25	62	120	80	2.20
	HSK63A-C32-130HS	P2562017	32	72	130	100	2.70
100A	HSK100A-C20-110HS	P2773104	20	54	110	70	3.50
	HSK100A-C25-130HS	P2773105	25	62	130	80	3.80
	HSK100A-C32-135HS	P2773101	32	72	135	100	4.20
	HSK100A-C42-135HS	P2773106	42	72	135	100	5.30

► Inch type products are available.

► Balancing Grade is adjusted on Basic holder only without Clamping Cap.

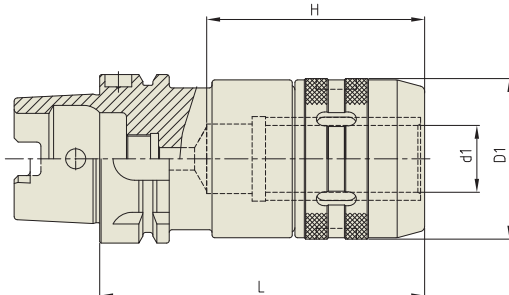
► For applicable collet and spanner, please refer to the page D314.

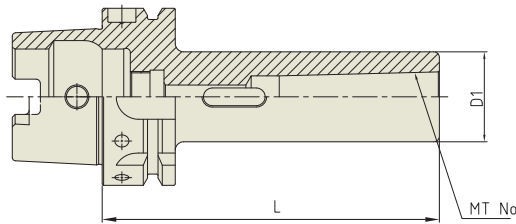
D195

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions



YG-1 CO., LTD.

TOOLING SYSTEM	 POWER MILLING CHUCK		C					
	POWER MILLING CHUCK FRÄSERSPANNFUTTER MANDRIN PORTE FRAISE MANDRINI PORTA FRESA PORTAHERRAMIENTAS PARA FRESADO		HSK-A					
								
	SK (DIN 69871) CBT (BT DUAL CONTACT) BT (JIS B6339/ MAS 403) HSK (DIN 69893/ ISO 12164)							
	STRAIGHT ISO, NT, MTA/MTB, GOST TOOL HOLDER SET BORING SYSTEM							
ACCESSORY & PARTS	DIN 69893- HSK 		Unit : mm					
	TAPER No.	MODEL No.	EDP No.	d1	D1	L	H	WEIGHT (Kg)

		MORSE TAPER ARBOR		MTA		TOOLING SYSTEM	
MORSE TAPER ARBOR EINSATZHÜLSEN FÜR MORSEKEGEL DOUILLES DE RÉDUCTION CÔNE MORSE MANDRINO RIDUZIONE CONO MORSE REDUCTORES A MORSE		HSK-A		SK (DIN 69871)		CBT (BT DUAL CONTACT)	
				BT (JIS B6339/ MAS 403)		STRAIGHT	
				ISO, NT, MTA/MTB, GOST		TOOL HOLDER SET	
				BORING SYSTEM		ACCESSORY & PARTS	
DIN 69893-HSK		6.3G		15,000 RPM		A	
TAPER No.		MODEL No.		EDP No.		MT No.	
D1		L		WEIGHT (Kg)		Unit : mm	

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



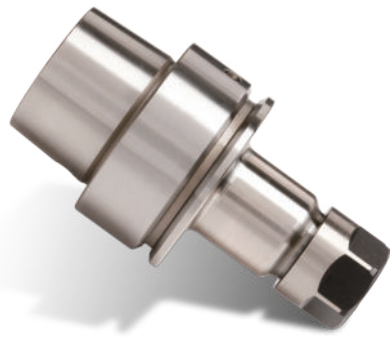
SK SLIM
CHUCK

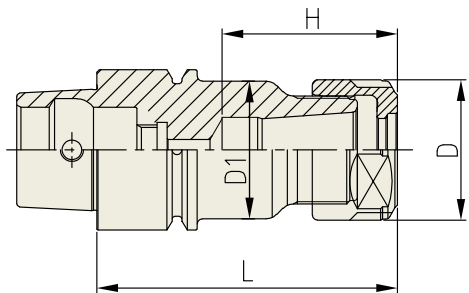
SKA

SK SLIM CHUCK

SK SCHLANKE FUTTER
MANDRIN TYPE SK MINCE
SK MANDRINI SOTTILI
PORTAHERRAMIENTAS SK EJE REDUCIDO

HSK-E





DIN
69893-
HSK

2.5G

25,000
RPM

AD

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	D1	H	COLLET	WEIGHT (Kg)
25E	HSK25E-SKA06-45	P2775886	1.8 - 6.0	45	20	19.5	31	SKC6	0.12
	HSK25E-SKA10-50	P2775887	1.75 - 10.0	50	28	21.5	35	SKC10	0.14
32E	HSK32E-SKA06-50	P2775888	1.8 - 6.0	50	20	19.5	31	SKC6	0.50
	HSK32E-SKA10-60	P2775889	1.75 - 10.0	60	28	26	35	SKC10	0.70
40E	HSK40E-SKA06-60	P2775890	1.8 - 6.0	60	20	19.5	31	SKC6	0.70
	HSK40E-SKA10-60	P2775891	1.75 - 10.0	60	28	27.5	35	SKC10	0.90
	HSK40E-SKA13-80	P2775892	2.75 - 13.0	80	33	33	43.6	SKC13	1.00

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

DIN
69893-
HSK

6.3G

15,000
RPM

AD

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	D1	H	COLLET	WEIGHT (Kg)
25E	HSK25E-SKA06-45	P2773523	1.8 - 6.0	45	20	19.5	31	SKC6	0.12
	HSK25E-SKA10-50	P2773524	1.75 - 10.0	50	28	21.5	35	SKC10	0.14
32E	HSK32E-SKA06-50	P2773525	1.8 - 6.0	50	20	19.5	31	SKC6	0.50
	HSK32E-SKA10-60	P2773526	1.75 - 10.0	60	28	26	35	SKC10	0.70
40E	HSK40E-SKA06-60	P2773527	1.8 - 6.0	60	20	19.5	31	SKC6	0.70
	HSK40E-SKA10-60	P2773528	1.75 - 10.0	60	28	27.5	35	SKC10	0.90
	HSK40E-SKA13-80	P2773529	2.75 - 13.0	80	33	33	43.6	SKC13	1.00

► Inch type products are available.
► For applicable Collet, Nut and Spanner, please refer to page D315~D317.

D200

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



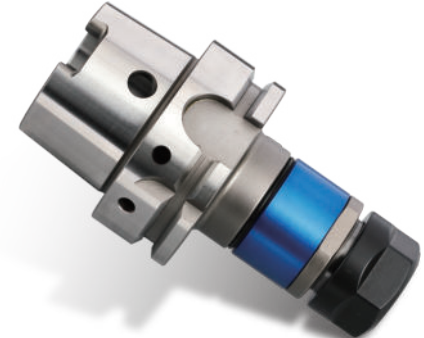
SYNCHRO
TAPPING CHUCK

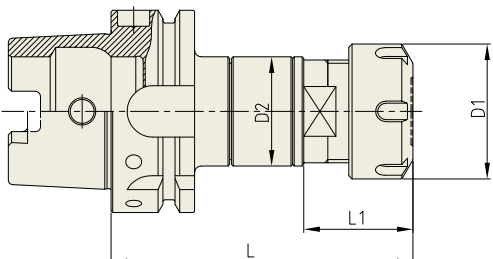
SYTER

SYNCHRO TAPPING CHUCK (ER TYPE)

SYNCHRO GEWINDESCHNEIDFUTTER (ER)
SYNCHRO TARAUDER (ER)
SINCRO MANDRINI PER MASCHIATURA (ER)
SINCRO PORTAMACHOS (ER)

HSK-A





DIN
69893-
HSK

AD

Unit : mm										
TAPER No.	MODEL No.	EDP No.	TAP SIZE	NUT/COLLET	D1	D2	L	L1	TENSION/ COMPRESSION	WEIGHT (Kg)
63A	HSK63A-SYTER12-105	P2773812	M3-M12	ER16	28	34	105	31	±0.2	-
	HSK63A-SYTER16-106	P2773808	M3-M16	ER20	34	34	106	31	±0.2	0.95
	HSK63A-SYTER16-120	P2773804	M3-M16	ER20	34	34	120	31	±0.2	-
	HSK63A-SYTER20-110	P2773809	M3-M20	ER25	42	34	110	37.5	±0.2	0.95
	HSK63A-SYTER20-120	P2773805	M3-M20	ER25	42	34	120	37.5	±0.2	-
	HSK63A-SYTER27-115	P2773810	M4-M27	ER32	50	45	115	41	±0.2	1.34
	HSK63A-SYTER27-155	P2773813	M4-M27	ER32	50	45	155	41	±0.2	-
	HSK63A-SYTER33-130	P2773814	M4-M33	ER40	63	62	130	60	±0.2	-
100A	HSK100A-SYTER20-106	P2773807	M3-M20	ER25	42	34	106	36	±0.2	0.95
	HSK100A-SYTER27-124	P2773815	M4-M27	ER32	50	45	124	41	±0.2	-
	HSK100A-SYTER27-155	P2773816	M4-M27	ER32	50	45	155	41	±0.2	-
	HSK100A-SYTER33-135	P2773817	M4-M33	ER40	63	62	135	60	±0.2	-

► Feature :
- Compensation for synchronization errors to extend tap life and to improve thread quality.
- To compensate for pitch tolerances of taps.
- For machine with synchronized spindle.
► Inch type products are available.
► ER collet of page D296~D302, and Tap ER collet of page D303~D304 are applicable.

D201

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 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



SYNCHRO
TAPPING CHUCK

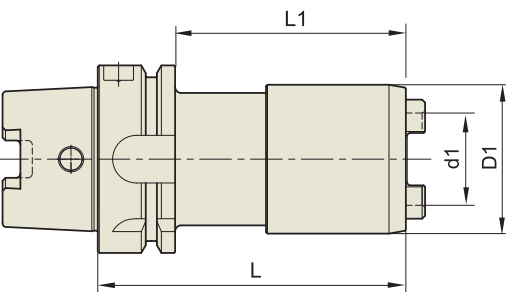
SYTC

SYNCHRO TAPPING CHUCK (QUICK CHANGE TYPE)

SYNCHRO GEWINDESCHNEID-SCHNELLWECHSELFUTTER
SYNCHRO TARAUDER À CHANGEMENT RAPIDE
SINCRO MANDRINO PER MASCHIARE
SINCRO PORTAMACHOS DE CAMBIO RAPIDO

HSK-A





DIN
69893-
HSK



Unit : mm									
TAPER No.	MODEL No.	EDP No.	TAP SIZE	TAP ADAPTOR	d1	D1	L	L1	WEIGHT (Kg)
32A	HSK32A-SYTC12-75	P2774314	M3-M12	TCS12	19	36	75	55	0.32
50A	HSK50A-SYTC12-72	P2774315	M3-M12	TCS12	19	36	72	46	0.54
	HSK50A-SYTC20-91	P2774316	M6-M24	TCS24	31	50	91	65	0.70
63A	HSK63A-SYTC12-75	P2774301	M3-M12	TCS12	19	36	75	49	0.82
	HSK63A-SYTC12-80	P2774302	M3-M12	TCS12	19	36	80	54	0.85
	HSK63A-SYTC12-120	P2774303	M3-M12	TCS12	19	36	120	94	1.08
	HSK63A-SYTC12-152	P2774304	M3-M12	TCS12	19	36	152	126	1.27
	HSK63A-SYTC12-180	P2774305	M3-M12	TCS12	19	36	180	154	1.44
	HSK63A-SYTC20-89	P2774306	M6-M24	TCS24	31	50	89	63	0.84
	HSK63A-SYTC33-121	P2774307	M18-M38	TCS38	48	74	121	95	1.45
	HSK100A-SYTC12-75	P2774308	M3-M12	TCS12	19	36	75	43	2.20
100A	HSK100A-SYTC12-160	P2774309	M3-M12	TCS12	19	36	160	131	2.60
	HSK100A-SYTC20-94	P2774310	M6-M24	TCS24	31	50	94	65	2.39
	HSK100A-SYTC20-160	P2774311	M6-M24	TCS24	31	50	160	131	2.99
	HSK100A-SYTC33-127	P2774312	M18-M38	TCS38	48	74	127	98	3.11
	HSK100A-SYTC33-160	P2774313	M18-M38	TCS38	48	74	160	131	4.03

► Feature :

- Compensation for synchronization errors to extend tap life and to improve thread quality.

- To compensate for pitch tolerances of taps.

- For machine with synchronized spindle.

► For applicable Tap Adaptor, please refer to page D318~D319.

D202

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



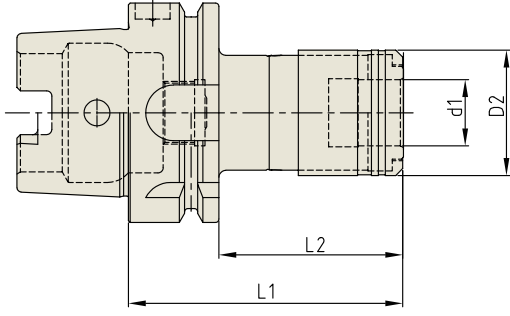
ONE STEP
TAPPING CHUCK

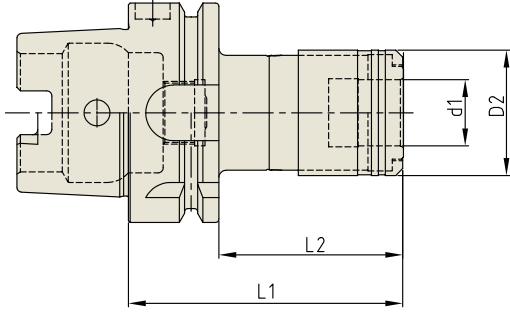
OTC

ONE STEP TAPPING CHUCK

GEWINDE-SCHNELLWECHSELFUTTER
MANDRIN DE TARAUDAGE À CHANGEMENT RAPIDE
PORTAMASCHI A CAMBIO RAPIDO
MANDRINO DE CAMBIO RÁPIDO CON ROSCA

HSK-A





DIN
69893-
HSK



Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D2	L1	L2	LENGTH COMPENSATION		WEIGHT (Kg)
							Compression	Tension	
63A	HSK63A-OTC-M3-M12-77	P2802401	19	36	77	51	7.5	7.5	1.10
	HSK63A-OTC-M8-M20-110	P2802402	31	53	110	84	12.5	12.5	1.50
	HSK63A-OTC-M14-M36-155	P2802403	48	78	155	129	20	20	3.30
100A	HSK100A-OTC-M3-M12-85.5	P2802404	19	36	85.5	56.5	7.5	7.5	3.00
	HSK100A-OTC-M8-M20-119.5	P2802405	31	53	119.5	90.5	12.5	12.5	3.30
	HSK100A-OTC-M14-M36-161	P2802406	48	78	161	132	20	20	5.20

► For applicable Tap Adaptor, please refer to page D318~D319.

D203

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



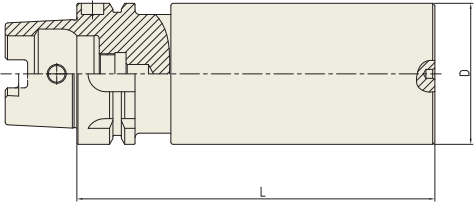
BLANK
BAR

BL

BLANK BAR

BOHRSTANGENROHLING
EBAUCHE DE BARRES D ALÉSAGE
BARRA ALESATRICE GREZZA
PIEZA EN BRUTO PARA BARRAS DE MANDRINAR

HSK-A



DIN
69871-
SK



Unit : mm

TAPER No.	MODEL No.	EDP No.	D	L	WEIGHT(Kg)
63A	HSK63A-BL63-160	P2779198	63	160	3.91
100A	HSK100A-BL97-250	P2779199	97	250	17.70



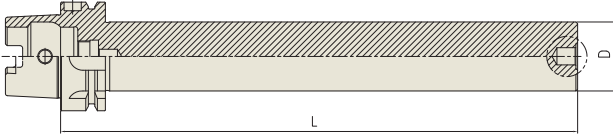
TEST
BAR

TB

TEST BAR

KONTROLLDORN
MANDRIN DE CONTRÔLE
MANDRINO DI CONTROLLO
MANDRIL DE CONTROL

HSK-A



DIN
69871-
SK



Unit : mm

TAPER No.	MODEL No.	EDP No.	D	L	WEIGHT(Kg)
63A	HSK63A-TB40-300	P2802303	40	300	2.90
100A	HSK100A-TB50-300	P2802304	50	300	6.17

YG-1 TOOLING SYSTEM

STRAIGHT



SHRINK FIT HOLDER - EXTENSION

ER COLLET CHUCK

SK SLIM CHUCK

SYNCHRO TAPPING CHUCK

ONE STEP TAPPING CHUCK

TAPPING CHUCK

NC DRILL CHUCK (KEYLESS TYPE)

D212

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 YG-1 CO., LTD.

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D213

TOOLING
SYSTEM



ER COLLET
CHUCK

ER

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

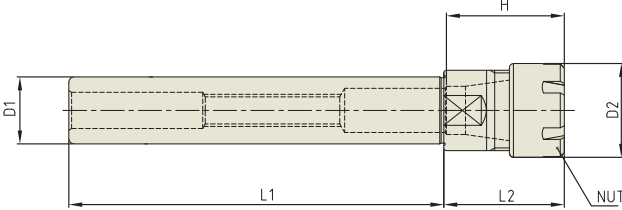
BORING
SYSTEM

ACCESSORY
& PARTS

EXTENSION ER COLLET CHUCK (SLIM)

VERLÄNGERUNG SPANN FUTTER (SCHLANK)
EXTENSION MANDRIN À PINCES (MINCE)
PROLUNGHE MANDRINO PORTA PINZE (SOTTILE)
EXTENSION PORTAPINZAS (DELGADO)

STRAIGHT-K



Unit : mm										
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	D1	D2	L1	L2	H	NUT / COLLET	WEIGHT (Kg)
25	K25-ER16M-100	P2780023	0.5 - 10.0	25	22	100	41.0	-	ER16M / ER16	0.38
	K25-ER16M-140	P2772209	0.5 - 10.0	25	22	140	41.0	-	ER16M / ER16	0.50
	K25-ER16M-200	P2780024	0.5 - 10.0	25	22	200	41.0	-	ER16M / ER16	0.80
	K25-ER16M-250	P2780025	0.5 - 10.0	25	22	250	41.0	-	ER16M / ER16	1.00
	K25-ER16M-300	P2780026	0.5 - 10.0	25	22	300	41.0	-	ER16M / ER16	1.19
	K25-ER20M-140	P2772210	0.5 - 13.0	25	28	140	41.0	79.0	ER20M / ER20	0.52
	K25-ER20M-200	P2780027	0.5 - 13.0	25	28	200	41.0	79.0	ER20M / ER20	0.84
	K25-ER20M-250	P2780028	0.5 - 13.0	25	28	250	41.0	79.0	ER20M / ER20	1.03
	K25-ER20M-300	P2780029	0.5 - 13.0	25	28	300	41.0	79.0	ER20M / ER20	1.23
	K25-ER25M-140	P2772211	0.5 - 16.0	25	35	140	45.0	82.0	ER25M / ER25	0.50
	K25-ER25M-200	P2780030	0.5 - 16.0	25	35	200	45.0	82.0	ER25M / ER25	0.84
	K25-ER25M-250	P2780031	0.5 - 16.0	25	35	250	45.0	82.0	ER25M / ER25	1.04
32	K25-ER25M-300	P2780032	0.5 - 16.0	25	35	300	45.0	82.0	ER25M / ER25	1.23
	K32-ER20M-150	P2780033	0.5 - 13.0	32	28	150	41.0	41.0	ER20M / ER20	0.84
	K32-ER20M-200	P2780034	0.5 - 13.0	32	28	200	41.0	41.0	ER20M / ER20	1.31
	K32-ER20M-250	P2780035	0.5 - 13.0	32	28	250	41.0	41.0	ER20M / ER20	1.62
	K32-ER20M-300	P2780036	0.5 - 13.0	32	28	300	41.0	41.0	ER20M / ER20	1.94
	K32-ER25M-150	P2780037	0.5 - 16.0	32	35	150	41.0	48.0	ER25M / ER25	1.01
	K32-ER25M-200	P2780038	0.5 - 16.0	32	35	200	41.0	48.0	ER25M / ER25	1.32
	K32-ER25M-250	P2780039	0.5 - 16.0	32	35	250	41.0	48.0	ER25M / ER25	1.64
	K32-ER25M-300	P2780040	0.5 - 16.0	32	35	300	41.0	48.0	ER25M / ER25	1.95
	K32-ER25M-350	P2780041	1.0 - 16.0	32	35	350	41.0	41.5	ER25M / ER25	2.27

► Inch type products are available.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D307 & D309.

TOOLING
SYSTEM



ER COLLET
CHUCK

ERT

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

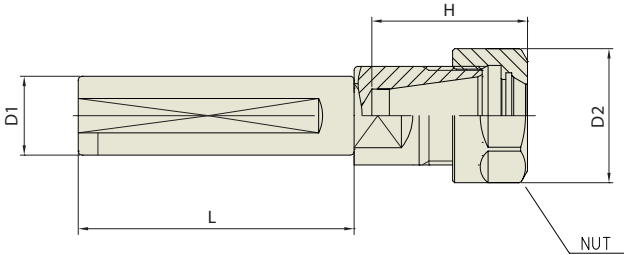
BORING
SYSTEM

ACCESSORY
& PARTS

TENSION ER CHUCK (FOR TAPPING)

SPANNUNG SPANN FUTTER - ER - FÜR GEWINDESCHNEID
TENSION MANDRIN À PINCES - ER - POUR TARAUDER
TENSIONAMENTO MANDRINO PORTA PINZE - ER - PER MASCHIARE
TENSIÓN PORTAPINZAS - ER - PARA HILO

STRAIGHT-K



Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	D1	D2	L	H	NUT / COLLET	WEIGHT (Kg)
20	K20-ERT16-70	P2772212	0.5 - 10.0	20	28	70	31.7	ER16	0.40
25	K25-ERT16-80	P2772213	0.5 - 10.0	25	28	80	31.7	ER16	0.45
	K25-ERT20-80	P2772214	0.5 - 13.0	25	34	80	35.5	ER20	0.50
32	K32-ERT16-80	P2772215	0.5 - 10.0	32	28	80	31.7	ER16	0.70
	K32-ERT20-80	P2772216	0.5 - 13.0	32	34	80	35.5	ER20	0.80
	K32-ERT25-80	P2772217	1.0 - 16.0	32	42	80	42	ER25	1.00
	K32-ERT32-80	P2772218	1.0 - 20.0	32	50	80	48	ER32	1.20

► Inch type products are available.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

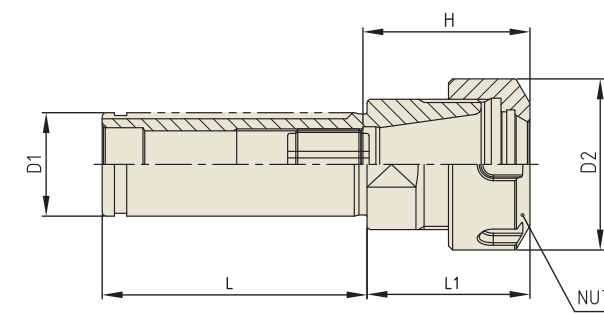
ACCESSORY & PARTS

ER COLLET CHUCK

ER

ER COLLET CHUCK (NC-FOR CNC LATHE)

SPANN FUTTER- ER - FÜR CNC DREHBANK
MANDRIN À PINCES - ER - POUR CNC TOUR
MANDRINO PORTA PINZE - ER - PER CNC TORNIO
PORTAPINZAS - ER - PARA CNC TORNO



Unit : mm										
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	D1	D2	L	L1	H	NUT / COLLET	WEIGHT (Kg)
25	NC25-ER11	P2772310	0.5 - 7.0	25	19	65	32	28.6	ER11	0.30
	NC25-ER16	P2772311	0.5 - 10.0	25	28	65	36	35.6	ER16	0.45
	NC25-ER20	P2772301	0.5 - 13.0	25	34	65	40	44.5	ER20	0.50
	NC25-ER25	P2772302	1.0 - 16.0	25	42	65	40	41	ER25	0.55
32	NC32-ER20	P2772303	0.5 - 13.0	32	34	60	39.5	44.5	ER20	0.60
	NC32-ER25	P2772304	1.0 - 16.0	32	42	70	40.0	41	ER25	0.70
	NC32-ER32	P2772305	1.0 - 20.0	32	50	70	45.0	47	ER32	0.75
40	NC40-ER32	P2772306	1.0 - 20.0	40	50	75	45.0	60	ER32	1.25
	NC40-ER40	P2772307	2.0 - 30.0	40	63	75	55.0	53	ER40	1.30

► Inch type products are available.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

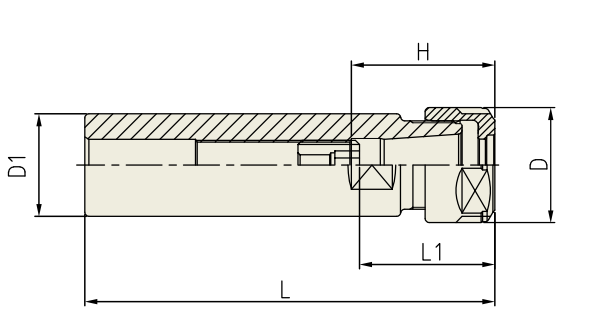
ACCESSORY & PARTS

SK SLIM CHUCK

SKA

SK SLIM CHUCK

SK SCHLANKE FUTTER
MANDRIN TYPE SK MINCE
SK MANDRINI SOTTILI
PORTAHERRAMIENTAS SK EJE REDUCIDO



Unit : mm										
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	L1	D	D1	H	COLLET	WEIGHT (Kg)
20	K20-SKA06-100	P2773532	1.8 - 6.0	100	21 - 35	20	20	31	SKC6	0.20
	K20-SKA06-140	P2773533	1.8 - 6.0	140	21 - 35	20	20	31	SKC6	0.30
	K20-SKA10-100	P2773534	1.75 - 10.0	100	30 - 50	28	20	35	SKC10	0.20
	K20-SKA10-140	P2773535	1.75 - 10.0	140	30 - 50	28	20	35	SKC10	0.30
25	K25-SKA06-100	P2773536	1.8 - 6.0	100	21 - 35	20	25	31	SKC6	0.30
	K25-SKA06-140	P2773537	1.8 - 6.0	140	21 - 35	20	25	31	SKC6	0.50
	K25-SKA10-100	P2773538	1.75 - 10.0	100	30 - 50	28	25	35	SKC10	0.30
	K25-SKA10-150	P2773539	1.75 - 10.0	150	30 - 50	28	25	35	SKC10	0.50
	K25-SKA13-100	P2773540	2.75 - 13.0	100	31 - 65	33	25	43.6	SKC13	0.40
	K25-SKA13-150	P2773541	2.75 - 13.0	150	31 - 65	33	25	43.6	SKC13	0.60
32	K32-SKA10-100	P2773542	1.75 - 10.0	100	30 - 50	28	32	35	SKC10	0.50
	K32-SKA10-150	P2773543	1.75 - 10.0	150	30 - 50	28	32	35	SKC10	0.70
	K32-SKA13-100	P2773544	2.75 - 13.0	100	31 - 65	33	32	43.6	SKC13	1.00
	K32-SKA13-150	P2773545	2.75 - 13.0	150	31 - 65	33	32	43.6	SKC13	1.20
	K32-SKA16-100	P2773546	2.75 - 16.0	100	40 - 70	40	32	52	SKC16	1.00
	K32-SKA16-150	P2773547	2.75 - 16.0	150	40 - 70	40	32	52	SKC16	1.20
	K32-SKA20-100	P2773548	3.5 - 20.0	100	47 - 80	48.5	32	59.6	SKC20	1.10
	K32-SKA20-150	P2773549	3.5 - 20.0	150	47 - 80	48.5	32	59.6	SKC20	1.30

► Inch type products are available.

► For applicable Collet, Nut and Spanner, please refer to page D314~D317.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

D220

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YG-1 CO., LTD.

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D221

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



SYNCHRO
TAPPING CHUCK

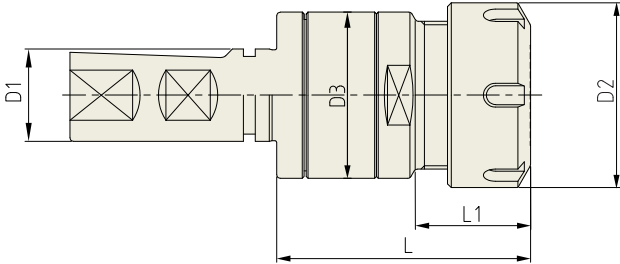
SYTER

SYNCHRO TAPPING CHUCK (ER TYPE)

SYNCHRO GEWINDESCHNEIDFUTTER (ER)
SYNCHRO TARAUDER (ER)
SINCRO MANDRINI PER MASCHIATURA (ER)
SINCRO PORTAMACHOS (ER)

STRAIGHT-KW





Unit : mm										
MODEL No.	EDP No.	TAP SIZE	NUT/ COLLET	D1	D2	D3	L	L1	Tension/ Compression	WEIGHT (Kg)
KW20-SYTER16	P2773901	M3-M16	ER20	20	34	34	58	26	±0.2	0.33
KW25-SYTER16	P2773902	M3-M16	ER20	25	34	34	61	27	±0.2	0.44
KW25-SYTER27	P2773903	M4-M27	ER32	25	50	45	69	31	±0.2	0.60

► Feature :

- Compensation for synchronization errors to extend tap life and to improve thread quality.

- To compensate for pitch tolerances of taps.

- For machine with synchronized spindle.

► Inch type products are available.

► ER collet of page D296~D302, and Tap ER collet of page D303~D304 are applicable.

D222

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 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



SYNCHRO
TAPPING CHUCK

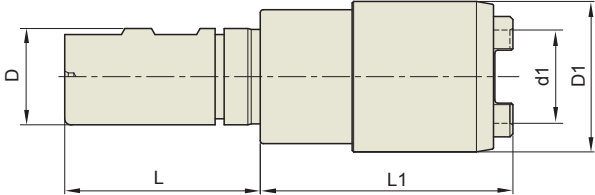
SYTC

SYNCHRO TAPPING CHUCK (QUICK CHANGE TYPE)

SYNCHRO GEWINDESCHNEID-SCHNELLWECHSELFUTTER
SYNCHRO TARAUDER À CHANGEMENT RAPIDE
SINCRO MANDRINO PER MASCHIARE
SINCRO PORTAMACHOS DE CAMBIO RAPIDO

STRAIGHT-KW





Unit : mm										
TAPER No.	MODEL No.	EDP No.	TAP SIZE	TAP ADAPTOR	D	d1	D1	L	L1	WEIGHT (Kg)
20	KW20-SYTC12-46	P2774401	M3-M12	TCS12	20	19	36	50	46	0.28
	KW20-SYTC12-107.5	P2774406	M3-M12	TCS12	20	19	36	50	107.5	0.65
25	KW25-SYTC12-46	P2774402	M3-M12	TCS12	25	19	36	56	46	0.37
	KW25-SYTC20-74	P2774403	M6-M24	TCS24	25	31	50	56	74	0.69
	KW25-SYTC33-107.5	P2774404	M18-M38	TCS38	25	48	74	56	107.5	1.32
32	KW32-SYTC12-74	P2774405	M3-M12	TCS12	32	31	50	60	74	0.71

► Feature :

- Compensation for synchronization errors to extend tap life and to improve thread quality.

- To compensate for pitch tolerances of taps.

- For machine with synchronized spindle.

► Inch type products are available.

► For applicable Tap Adaptor, please refer to page D318~D319.

D222

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 YG-1 CO., LTD.

D223

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



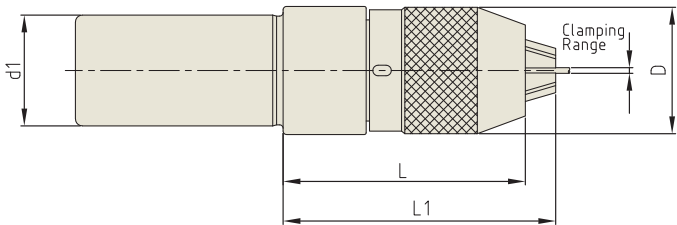
NC DRILL
CHUCK

NPU

NC DRILL CHUCK (KEYLESS TYPE)

NC - BOHRFUTTER
MANDRIN DE PERÇAGE NC
NC MANDRINI PORTA PUNTE
PORTABROCAS PARA BROCAS NC

STRAIGHT-K



TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	D	d1	L (Min.)	L1 (Max.)	WEIGHT (Kg)
32	K32-NPU8-75	P2776021	0.3 - 8.0	36.5	32	75	80.7	0.70
	K32-NPU13-100	P2775252	0.3 - 13.0	50.4	32	100	110	1.50
42	K42-NPU8-70	P2775253	0.3 - 8.0	36.5	42	70	75.7	0.80
	K42-NPU13-100	P2775254	0.3 - 13.0	50.4	42	100	110	1.60

► Inch type products are available.
► Supplied with hook wrench. (Size NPU 8 : 8S, NPU 13 : 13S)

YG-1 TOOLING SYSTEM

ISO, NT
MTA/MTB,
GOST



ISO

SHRINK FIT HOLDER
ER COLLET CHUCK
SK SLIM CHUCK
COMBI-SHELL MILL ARBOR

NT

MORSE TAPER ARBOR
FACE MILL ARBOR

MTA

ER COLLET CHUCK
POWER MILLING CHUCK
TAPPING CHUCK
FACE MILL ARBOR

MTB

HYDRAULIC CHUCK
ER COLLET CHUCK
POWER MILLING CHUCK

GOST

ER COLLET CHUCK
END MILL HOLDER
SHELL MILL ARBOR
MORSE TAPER ARBOR

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



SHRINK FIT
HOLDER

SFH

SHRINK FIT HOLDER

SCHRUMPFUTTER
MANDRIN DE FRETAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR

ISO 25



ISO 25



2.5G







FIG.1

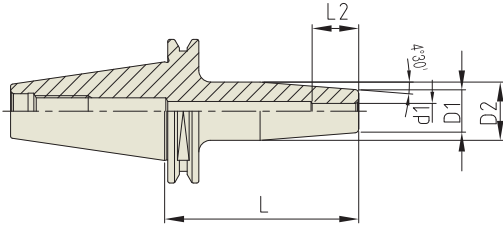
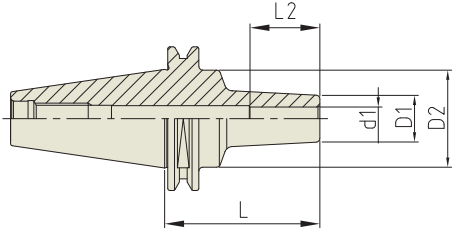


FIG.2



Unit : mm									
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L2	FIG.	WEIGHT (Kg)
25	ISO25-SFH3-50	P2771651	3	11	15	50	10	1	-
	ISO25-SFH4-50	P2771652	4	11	15	50	12	1	-
	ISO25-SFH5-50	P2771653	5	11	15	50	15	1	-
	ISO25-SFH6-40	P2771654	6	12	25	40	18	2	-
	ISO25-SFH8-50	P2771655	8	14	18	50	30	1	-
	ISO25-SFH10-50	P2771656	10	16	20	50	37	1	-

► Inch type products are available.

► Higher balancing grade is available upon request.

► To be supplied with assembling of pull stud bolt.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

D228

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 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



ER COLLET
CHUCK

ER

ER COLLET CHUCK (SLIM)

SPANN FUTTER-ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

ISO 20/25



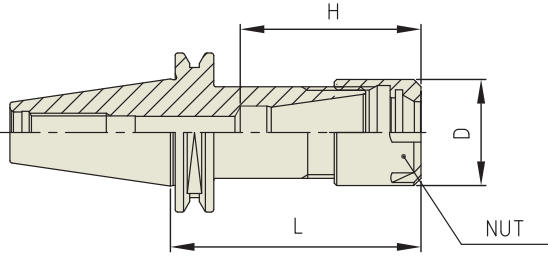
ISO 20/25



2.5G







Unit : mm								
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
20	ISO20-ER16M-35	P2776541	0.5 - 10.0	35	22	37.5	ER16M / ER16	-
25	ISO25-ER16M-35	P2776542	0.5 - 10.0	35	22	37.5	ER16M / ER16	-
	ISO25-ER20M-36	P2776543	0.5 - 13.0	36	28	-	ER20M / ER20	-

► Higher balancing grade is available upon request.

► To be supplied with assembling of pull stud bolt.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D307 & D309.

D229

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 YG-1 CO., LTD.

TOOLING SYSTEM

SK SLIM CHUCK

SKA

SK SLIM CHUCK

SK SCHLANKE FUTTER
MANDRIN TYPE SK MINCE
SK MANDRINI SOTTILI
PORTAHERRAMIENTAS SK EJE REDUCIDO

ISO 20/25

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

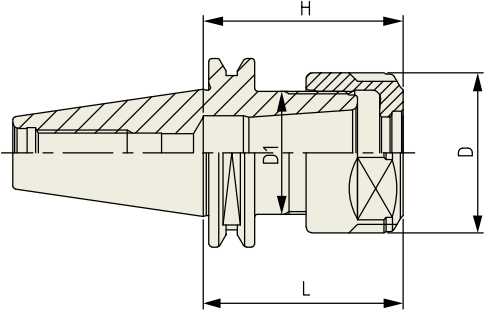
STRAIGHT

ISO, NT, MT/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS



ISO 20/25

AT3

2.5G

30,000 RPM

AD

Unit : mm									
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	D1	H	COLLET	WEIGHT (Kg)
20	ISO20-SKA10-35	P2773530	1.75 - 10.0	35	33	21.5	35	SKC10	0.50
25	ISO25-SKA10-35	P2773531	1.75 - 10.0	35	33	21.5	35	SKC10	0.70

► Higher balancing grade is available upon request.

► To be supplied with assembling of pull stud bolt.

► Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

► For applicable Collet, Nut and Spanner, please refer to page D315~D317.

D230

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YG-1 CO., LTD.

TOOLING SYSTEM

COMBI-SHELL MILL ARBOR

CMA

COMBI-SHELL MILL ARBOR

KOMBI-AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES COMBINÉS
MANDRINO PORTA FRESE
PORTA FRESAS COMBINADO

DIN 2080 - ISO

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

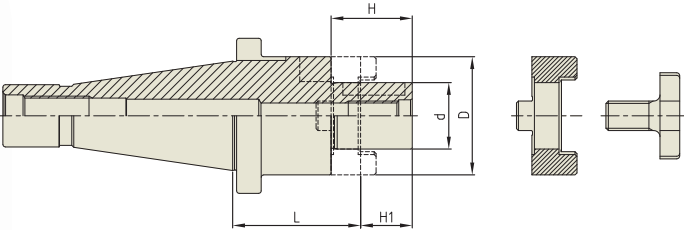
STRAIGHT

ISO, NT, MT/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS



DIN 2080-ISO

AT3

AD

Unit : mm								
TAPER No.	MODEL No.	EDP No.	d	L	D	H1	H	WEIGHT (Kg)
30	ISO30-CMA16-35	P2514001	16	35	32	17	27	0.52
	ISO30-CMA22-35	P2514002	22	35	40	19	31	0.63
	ISO30-CMA27-35	P2514003	27	35	48	21	33	0.72
40	ISO40-CMA16-52	P2514004	16	52	32	17	27	0.99
	ISO40-CMA16-125	P2514015	16	125	32	17	27	1.41
	ISO40-CMA22-52	P2514005	22	52	40	19	31	1.15
	ISO40-CMA22-125	P2514016	22	125	40	19	31	1.78
	ISO40-CMA27-52	P2514006	27	52	48	21	33	1.37
	ISO40-CMA27-125	P2514017	27	125	48	21	33	2.35
	ISO40-CMA32-52	P2514007	32	52	58	24	38	1.65
	ISO40-CMA32-125	P2514018	32	125	58	24	38	3.07
	ISO40-CMA40-52	P2514008	40	52	70	27	41	1.94
	ISO50-CMA16-55	P2514009	16	55	32	17	27	2.79
50	ISO50-CMA16-125	P2514019	16	125	32	17	27	3.21
	ISO50-CMA22-55	P2514010	22	55	40	19	31	2.95
	ISO50-CMA22-125	P2514020	22	125	40	19	31	3.6
	ISO50-CMA27-55	P2514011	27	55	48	21	33	3.17
	ISO50-CMA27-125	P2514021	27	125	48	21	33	4.11
	ISO50-CMA32-55	P2514012	32	55	58	24	38	3.49
	ISO50-CMA32-125	P2514022	32	125	58	24	38	4.85
	ISO50-CMA40-55	P2514013	40	55	70	27	41	3.85
	ISO50-CMA40-125	P2514023	40	125	70	27	41	5.26
	ISO50-CMA50-55	P2514014	50	55	90	30	46	4.88

► Inch type products are available.

► For parts, please refer to page D312.

D231

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YG-1 CO., LTD.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS



ER COLLET CHUCK

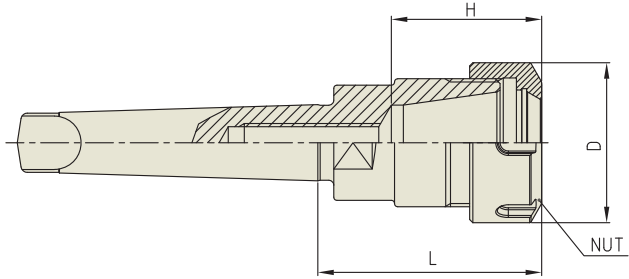
ER

ER COLLET CHUCK (STANDARD)

SPANN FUTTER -ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

DIN 228-MTA





Unit : mm								
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
1	MTA1-ER11	P2772241	0.5 - 7.0	42.1	19	28.6	ER11	0.30
	MTA1-ER16	P2772242	0.5 - 10.0	43.9	28	36.6	ER16	0.35
2	MTA2-ER20	P2772243	0.5 - 13.0	50	34	40.5	ER20	0.50
	MTA2-ER25	P2772244	1.0 - 16.0	50	42	41	ER25	0.60
3	MTA3-ER25	P2772245	1.0 - 16.0	60	42	52	ER25	0.60
	MTA3-ER32	P2772246	1.0 - 20.0	70	50	47	ER32	0.65
4	MTA4-ER20	P2772247	0.5 - 13.0	60	34	50	ER20	1.00
	MTA4-ER25	P2772248	1.0 - 16.0	60	42	52	ER25	1.10
	MTA4-ER32	P2772249	1.0 - 20.0	65	50	48	ER32	1.30
	MTA4-ER40	P2772250	2.0 - 30.0	80	63	69	ER40	1.50
5	MTA5-ER32	P2772251	1.0 - 20.0	70	50	60	ER32	2.20
	MTA5-ER40	P2772252	2.0 - 30.0	80	63	69	ER40	2.40
	MTA5-ER50	P2772253	4.0 - 34.0	80	78	69	ER50	2.80

► For applicable ER collet, please refer to page D296~D304.

► For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

D234

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 YG-1 CO., LTD.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS



POWER MILLING CHUCK

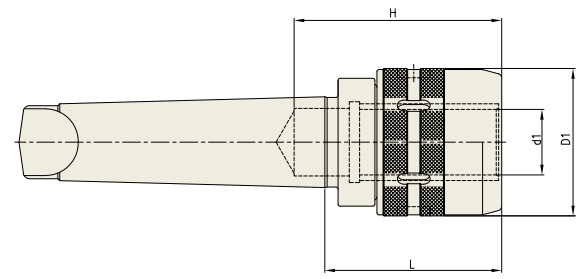
C

POWER MILLING CHUCK

FRÄSPANNFUTTER
MANDRIN PORTE FRAISE
MANDRINI PORTA FRESA
PORTAHERRAMIENTAS PARA FRESADO

DIN 228-MTA





Unit : mm							
TAPER No.	MODEL No.	EDP No.	d1	D1	L	H	WEIGHT (Kg)
4	MTA4-C32	P2546122	32	72	98	85	2.57
5	MTA5-C32	P2546123	32	72	85	100	3.06
	MTA5-C42	P2546124	42	92	114	100	3.45
6	MTA6-C42	P2546125	42	92	99	110	4.14

► Inch type products are available.

► In the case of MT6, it is required to inform machine model number and company name for selection of cutter groove.

► For applicable collet and spanner, please refer to the page D314.

 YG-1 CO., LTD.

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D235

- ▶ Without "Coolant Through".
- ▶ For parts, please refer to page D313.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



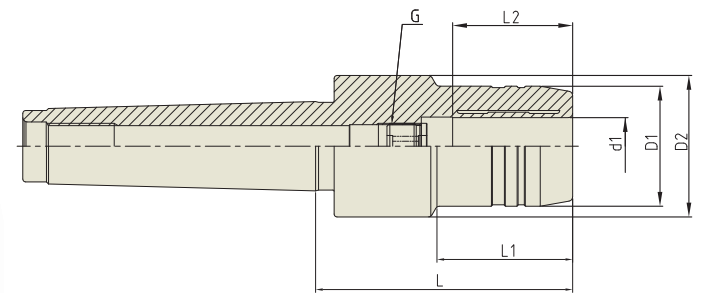
HYDRAULIC
CHUCK

HC

HYDRAULIC CHUCK

HYDRAULIK SPANNFUTTER FÜR DEN FORMENBAU
MANDRIN HYDRAULIQUE POUR MOULISTE
MANDRINI IDRAULICI PER STAMPAGGIO
PORTAHERRAMIENTAS HIDRAULICO PARA MOLDES

DIN 228-MTB



TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



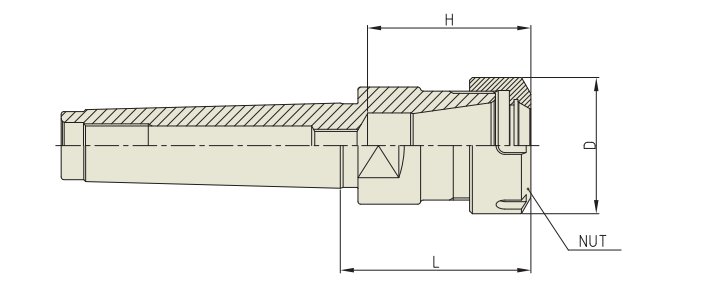
ER COLLET
CHUCK

ER

ER COLLET CHUCK

SPANN FUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

DIN 228-MTB



Unit : mm										
TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	G	WEIGHT (Kg)
4	MTB4-HC20-90	P2770961	20	42	49.5	90	47.5	42	M16×1.0	1.30
	MTB4-HC32-90	P2770962	32	72	72	90	-	55	-	1.40
5	MTB5-HC20-90	P2770963	20	42	49.5	90	47.5	42	M16×1.0	2.20
	MTB5-HC32-90	P2770964	32	72	72	90	-	55	M16×1.0	2.40

- ▶ Inch type products are available.
- ▶ T.I.R shall be controlled by less than 0.008mm at 3D.
- ▶ Supplied with clamping T-wrench.
- ▶ For applicable Hydraulic Chuck collet, please refer to page D291~D294.

Unit : mm								
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
1	MTB1-ER16	P2772254	0.5 - 10.0	43.9	28	36.6	ER16	0.35
2	MTB2-ER20	P2772255	0.5 - 13.0	50	34	40.5	ER20	0.50
	MTB2-ER25	P2772256	1.0 - 16.0	50	42	41	ER25	0.60
3	MTB3-ER25	P2772257	1.0 - 16.0	60	42	52	ER25	0.60
	MTB3-ER32	P2772258	1.0 - 20.0	70	50	47	ER32	0.65
4	MTB4-ER32	P2772259	1.0 - 20.0	65	50	48	ER32	1.10
	MTB4-ER40	P2772260	2.0 - 30.0	80	63	69	ER40	1.30
5	MTB5-ER32	P2772261	1.0 - 20.0	70	50	60	ER32	2.00
	MTB5-ER40	P2772262	2.0 - 30.0	80	63	69	ER40	2.20
	MTB5-ER50	P2772263	4.0 - 34.0	80	78	69	ER50	2.60

- ▶ For applicable ER collet, please refer to page D296~D304.
- ▶ For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

- ▶ For applicable ER collet, please refer to page D296~D304.
- ▶ For applicable ER nut, Sealing disk and Spanner, please refer to page D305~D309.

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MT/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

END MILL HOLDER

FRÄSERFUTTER UND FLÄCHENSPANNFUTTER
MANDRIN PORTE FRAISE À QUEUE CYLINDRIQUE, À MÉPLAT
MANDRINI PORTA FRESA TIPO WELDON
PORTAFRESAS Y EJES DE SUJECCION LATERAL

EMH

GOST 40/50



FIG.1

FIG.2

GOST 25827-93

AT3

AD

Unit : mm											
TAPER No.	MODEL No.	EDP No.	d1	D2	L	H	H1	H2	M	FIG.	WEIGHT (Kg)
40	GOST40-EMH6-50	P2780361	6	25	50	35	18	-	M6	1	-
	GOST40-EMH8-50	P2780362	8	28	50	35	18	-	M8	1	-
	GOST40-EMH10-50	P2780363	10	35	50	35.5	20	-	M10	1	-
	GOST40-EMH12-50	P2780364	12	42	50	36	22.5	-	M12	1	-
	GOST40-EMH14-63	P2780365	14	44	63	36	22.5	-	M12	1	-
	GOST40-EMH16-63	P2780366	16	48	63	46	24	-	M14	1	-
	GOST40-EMH18-63	P2780367	18	50	63	46	24	-	M14	1	-
	GOST40-EMH20-63	P2780368	20	52	63	48	25	-	M16	1	-
	GOST40-EMH25-80	P2780369	25	65	80	55	24	25	M18	2	-
	GOST40-EMH32-80	P2780370	32	72	80	57	24	28	M20	2	-
50	GOST50-EMH6-63	P2780371	6	25	63	35	18	-	M6	1	-
	GOST50-EMH8-63	P2780372	8	28	63	35	18	-	M8	1	-
	GOST50-EMH10-63	P2780373	10	35	63	35.5	20	-	M10	1	-
	GOST50-EMH12-63	P2780374	12	42	63	36	22.5	-	M12	1	-
	GOST50-EMH14-63	P2780375	14	44	63	36	22.5	-	M12	1	-
	GOST50-EMH16-63	P2780376	16	48	63	46	24	-	M14	1	-
	GOST50-EMH18-63	P2780377	18	50	63	46	24	-	M14	1	-
	GOST50-EMH20-63	P2780378	20	52	63	48	25	-	M16	1	-
	GOST50-EMH25-80	P2780379	25	65	80	55	24	25	M18	2	-
	GOST50-EMH32-80	P2780380	32	72	80	63	24	28	M20	2	-
	GOST50-EMH40-90	P2780381	40	80	90	68	30	32	M20	2	-

► Inch type products are available.

► Standard End Mill Holder is for a cutting tool with weldon shank and End Mill Holder for a cutting tool with Whistle notch is available upon request.

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

TOOLING SYSTEM

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MT/MTB, GOST

TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

SHELL MILL ARBOR

AUFNAHMEDORN FÜR FRÄSER MIT BOHRUNG
MANDRIN PORTE-FRAISES
MANDRINO CON TRASCINAMENTO FISSO
PORTA FRESAS

SMA

GOST 40/50



FIG.1

FIG.2

GOST 25827-93

AT3

AD

Unit : mm								
TAPER No.	MODEL No.	EDP No.	D1	D2	L	H	BOLT	WEIGHT (Kg)
40	GOST40-SMA16-40	P2780401	16	32	40	17	M8x16L	-
	GOST40-SMA16-100	P2780402	16	32	100	17	M8x16L	-
	GOST40-SMA22-40	P2780403	22	40	40	19	M10x18L	-
	GOST40-SMA22-100	P2780404	22	40	100	19	M10x18L	-
	GOST40-SMA27-45	P2780405	27	48	45	21	M12x22L	-
	GOST40-SMA32-45	P2780406	32	58	45	24	M16x26L	-
	50	GOST50-SMA16-40	P2780407	16	32	40	17	M8x16L
GOST50-SMA16-100		P2780408	16	32	100	17	M8x16L	-
GOST50-SMA22-40		P2780409	22	40	40	19	M10x18L	-
GOST50-SMA22-100		P2780410	22	40	100	19	M10x18L	-
GOST50-SMA27-45		P2780411	27	48	45	21	M12x22L	-
GOST50-SMA27-120		P2780412	27	48	120	21	M12x22L	-
GOST50-SMA32-45		P2780413	32	58	45	24	M16x26L	-
GOST50-SMA32-130		P2780414	32	58	130	24	M16x26L	-
GOST50-SMA40-55		P2780415	40	70	55	27	M20x30L	-
GOST50-SMA40-150		P2780416	40	70	150	27	M20x30L	-
GOST50-SMA50-60	P2780417	50	90	60	30	M24x36L	-	

► For parts, please refer to page D311.

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YG-1 CO., LTD.

YG-1 CO., LTD.

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

D243

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



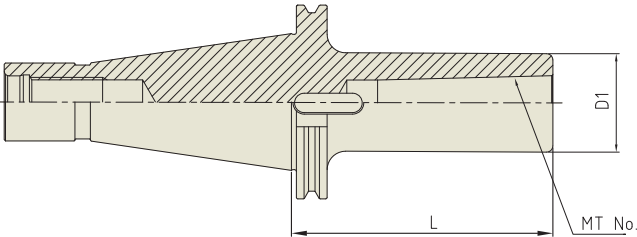
MORSE TAPER
ARBOR

MTA

MORSE TAPER ARBOR

EINSATZHÜLSEN FÜR MORSEKEGEL
DOUILLES DE RÉDUCTION CÔNE MORSE
MANDRINO RIDUZIONE CONO MORSE
REDUCTORES A MORSE

GOST 40/50



GOST
25827-93

AT3

A

Unit : mm						
TAPER No.	MODEL No.	EDP No.	MT No.	D1	L	WEIGHT (Kg)
40	GOST40-MTA1-115	P2780451	1	25	115	-
	GOST40-MTA2-125	P2780452	2	32	125	-
	GOST40-MTA3-145	P2780453	3	40	145	-
	GOST40-MTA4-165	P2780454	4	48	165	-
50	GOST50-MTA2-135	P2780455	2	32	135	-
	GOST50-MTA3-155	P2780456	3	40	155	-
	GOST50-MTA4-180	P2780457	4	48	180	-
	GOST50-MTA5-215	P2780458	5	63	215	-

YG-1 TOOLING SYSTEM

TOOL
HOLDER
SET



HYDRAULIC CHUCK

POWER MILLING CHUCK (STANDARD)

POWER MILLING CHUCK (QUICK CHANGE)

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



HYDRAULIC
CHUCK

HCS

HYDRAULIC CHUCK SET



MODEL No.	EDP No.	HYDRAULIC CHUCK	REDUCTION SLEEVE	WRENCH
HCSS40-20	P2770971	SK40AD/B-HC20P-64.5	HK20-6.8.10.12.16 (5pcs)	φ5mm
HCSB40-20	P2770972	BT40AD/B-HC20P-72.5	HK20-6.8.10.12.16 (5pcs)	φ5mm
HCSH40-20	P2770973	HSK63A-HC20P-80	HK20-6.8.10.12.16 (5pcs)	φ5mm

D246

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions



YG-1 CO.,LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



POWER MILLING
CHUCK

C

POWER MILLING CHUCK (STANDARD)

GEGENSTÜCK FÜR FRÄSERSPANNFUTTER

ETUI AVEC PORTE-FRAISE ET CLEF

CASSETTA COMPLETA DI MANDRINO, CHIAVE E PINZE

ESTUCHE CON PORTAPINZAS, PINZAS Y LLAVE



TAPER	STANDARD SET MODEL No.	EDP No.	MILLING CHUCK	END MILL COLLET	SPANNER
SK	SSK40-C20	P2526031	SK40-C20-105	K20-6, 8, 10, 12, 16 (5pcs)	C20 SP
	SSK40-C32	P2773301	SK40-C32-105	K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	C32 SP
	SSK50-C32	P2773302	SK50-C32-105	K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	C32 SP
	SSK50-C42	P2773303	SK50-C42-115	K42-6, 8, 10, 12, 16, 20, 25, 32 (8pcs)	C42 SP
BT	SBT40-C20	P2546021	BT40-C20-105	K20-6, 8, 10, 12, 16 (5pcs)	C20 SP
	SBT40-C32	P2546022	BT40-C32-105	K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	C32 SP
	SBT50-C32	P2546023	BT50-C32-105	K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	C32 SP
	SBT50-C42	P2546024	BT50-C42-115	K42-6, 8, 10, 12, 16, 20, 25, 32 (8pcs)	C42 SP
ISO	SISO40-C20	P2516021	ISO40-C20-78	K20-6, 8, 10, 12, 16 (5pcs)	C20 SP
	SISO40-C32	P2516022	ISO40-C32-78	K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	C32 SP
	SISO50-C32	P2516023	ISO50-C32-85	K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	C32 SP
	SISO50-C42	P2516024	ISO50-C42-102	K42-6, 8, 10, 12, 16, 20, 25, 32 (8pcs)	C42 SP
NT	SNT40-C32	P2773304	NT40-C32	K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	C32 SP
	SNT50-C32	P2773305	NT50-C32	K32-6, 8, 10, 12, 16, 20, 25 (7pcs)	C32 SP
	SNT50-C42	P2773306	NT50-C42	K42-6, 8, 10, 12, 16, 20, 25, 32 (8pcs)	C42 SP

D247

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YG-1 CO.,LTD.



POWER MILLING CHUCK

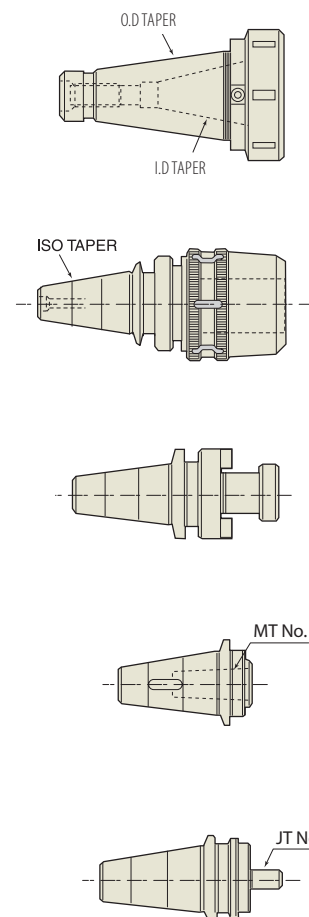
MH

POWER MILLING CHUCK (QUICK CHANGE)

SCHNELLWECHSEL GEGENSTÜCK FÜR FRÄSERSPANNFUTTER
 CHANGEMENT RAPIDE ETUI AVEC PORTE-FRAISE ET CLEF
 CAMBIO RAPIDO CASSETTA COMPLETA DI MANDRINO, CHIAVE E PINZE
 CAMBIO RAPIDO ESTUCHE CON PORTAPINZAS, PINZAS Y LLAVE



TAPER	Q.C MILLING HOLDER SET MODEL No.	EDP No.	Q.C MASTER HOLDER	Q.C MILLING CHUCK	END MILL COLLETS	Q.C FACE MILL ARBOR	Q.C DRILL CHUCK BAR	DRILL CHUCK ARBOR	Q.C TAPER SLEEVE	SPANNER
NT40	SMH40-T35-32A	P2773307	MH40-T35	QT35-32	K32-(6-25)(7pcs)	QT35-4R	-	K32-J6	-	MH40 SP
	SMH40-T35-32B	P2773308	MH40-T35	QT35-32	K32-(6-25)(7pcs)	QT35-4R	QT35-J6	-	QT35-MT2, 3, 4	MH40 SP
NT50	SMH50-T45-32A	P2773309	MH50-T45	QT45-32	K32-(6-25)(7pcs)	QT45-5R	-	K32-J6	-	MH50 SP
	SMH50-T45-32B	P2773310	MH50-T45	QT45-32	K32-(6-25)(7pcs)	QT45-5R	QT45-J6	-	QT45-MT2, 3, 4	MH50 SP
	SMH50-T45-42A	P2773311	MH50-T45	QT45-42	K42-(6-32)(8pcs)	QT45-5R	-	K42-J6	-	MH50 SP
	SMH50-T45-42B	P2773312	MH50-T45	QT45-42	K42-(6-32)(8pcs)	QT45-5R	QT45-J6	-	QT45-MT2, 3, 4	MH50 SP



◆ Q.C MASTER HOLDER

MODEL No.	EDP No.	O.D TAPER	I.D TAPER	DRAW THREADS
MH40-T35	P2773313	NT40	NT35	U5/8-11(M16-2)
MH50-T45	P2773314	NT50	NT45	U1-8 (M24-3)

◆ Q.C MILLING CHUCK

Q.C MASTER HOLDER	MODEL No.	EDP No.
MH40	QT35-C32	P2773315
MH50	QT45-C32	P2773316
MH50	QT45-C42	P2773317

◆ Q.C FACE MILL ARBOR

Q.C MASTER HOLDER	MODEL No.	EDP No.
MH40	QT35-3R	P2773318
	QT35-4R	P2773319
	QT35-5R	P2773320
MH50	QT45-3R	P2773321
	QT45-4R	P2773322
	QT45-5R	P2773323
	QT45-6R	P2773324

◆ Q.C TAPER SLEEVE

Q.C MASTER HOLDER	MODEL No.	EDP No.
MH40	QT35-MT1	P2773325
	QT35-MT2	P2773326
	QT35-MT3	P2773327
MH50	QT45-MT1	P2773328
	QT45-MT2	P2773329
	QT45-MT3	P2773330
	QT45-MT4	P2773331

◆ Q.C DRILL CHUCK ARBOR

Q.C MASTER HOLDER	MODEL No.	EDP No.	DRILL (Ø)
MH40	QT35-J6	P27733332	1-13mm
MH50	QT45-J6	P27733333	1-13mm

YG-1 TOOLING SYSTEM

BORING SYSTEM



TECHNICAL INFORMATION (SMALL BORE)

BASIC HOLDER

FINE BORING HEAD & INSERT HOLDER

ROUGH BORING HEAD & CARTRIDGE

EXTENSION BAR

REDUCTION BAR

TYPICAL CONFIGURATION OF FINE BORING BAR

TYPICAL CONFIGURATION OF ROUGH BORING BAR

TECHNICAL INFORMATION (BIG BORE)

BASIC HOLDER (BIG BORE)

FINE BORING HEAD (BIG BORE)

PLATE & CARTRIDGE (BIG BORE)

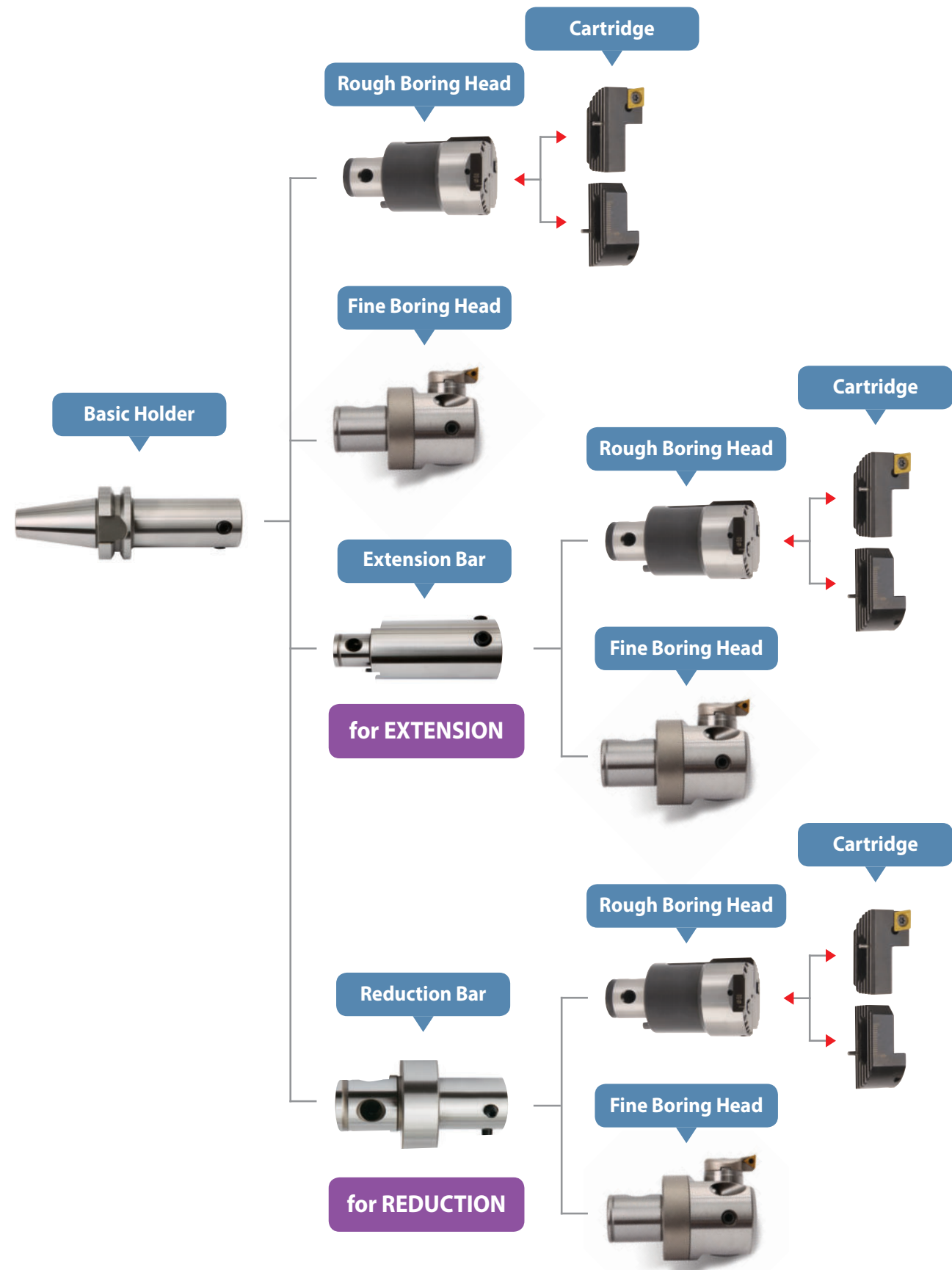
FINE BORING BAR (BIG BORE)

ROUGH BORING BAR (BIG BORE)

MICRO BORING BAR

SQUARE BORING BAR

FINE & ROUGH BORING BAR (SMALL BORE)



Fine Boring Range : 20mm~154mm



FEATURE

- Easy assembly and wide expandability
- Precise boring range adjustment by adjustment Dial with 1/100mm unit
- Ease to adjust length by employing modular system to use extension bar with various size
- Double rigid fixing of extension bar with
 - Side locking
 - Fixing pin inside
- Design to use insert conforming to ISO standard
- Basic Holder, Extension Bar and Reduction Bar interchangeable between Fine Boring Bar and Rough Boring Bar

Rough Boring Range : 25mm~156mm



FEATURE

- Easy to replace head
- Extension Bar : Adjusting length according to machining conditions
- Reduction Bar : Adjusting boring range according to machining conditions
- Precision of extension, reduction, and repeatability of assembling and disassembling of Boring Head
- Using insert conforming to ISO standard
- Basic Holder, Extension Bar and Reduction Bar interchangeable between Fine Boring Bar and Rough Boring Bar

BT (JIS B6339/MAS403/ISO 7388-2)								Unit : mm
TAPER No.	MODEL No.	EDP No.	S No.	D	L	G	FIG.	WEIGHT (Kg)
30	BT30-S11-72	P2901001	11	18.5	72	M5x0.8	1	-
	BT30-S14-37.5	P2901002	14	23.5	37.5	M5x0.8	2	-
	BT30-S14-82.5	P2901003	14	23.5	82.5	M5x0.8	2	-
	BT30-S18-39	P2901004	18	31	39	M8x1.0	2	-
	BT30-S18-79	P2901005	18	31	79	M8x1.0	2	-
	BT30-S22-38	P2901006	22	39	38	M8x1.0	2	-
	BT30-S22-73	P2901007	22	39	73	M8x1.0	2	-
	BT30-S28-63	P2901008	28	50	63	M10x1.0	3	-
40	BT40-S11-72	P2901009	11	18.5	72	M5x0.8	2	-
	BT40-S14-42.5	P2901010	14	23.5	42.5	M5x0.8	2	-
	BT40-S14-82.5	P2901011	14	23.5	82.5	M5x0.8	2	-
	BT40-S18-44	P2901012	18	31	44	M8x1.0	2	-
	BT40-S18-94	P2901013	18	31	94	M8x1.0	2	-
	BT40-S22-43	P2901014	22	39	43	M8x1.0	2	-
	BT40-S22-88	P2901015	22	39	88	M8x1.0	2	-
	BT40-S28-48	P2901016	28	50	48	M10x1.0	2	-
	BT40-S28-79	P2901017	28	50	79	M10x1.0	2	-
	BT40-S36-64	P2901018	36	64	64	M16x1.5	3	-
	BT40-S46-90	P2901019	46	90	90	M16x1.5	3	-

- ▶ The Basic Holder interchangeable between Fine Boring and Rough Boring bar.
- ▶ The Basic Holder, Boring Head & Insert Holder must be ordered separately.

BT (JIS B6339/MAS403/ISO 7388-2)								Unit : mm
TAPER No.	MODEL No.	EDP No.	S No.	D	L	G	FIG.	WEIGHT (Kg)
50	BT50-S11-102	P2901020	11	18.5	102	M5x0.8	1	-
	BT50-S14-52.5	P2901021	14	23.5	52.5	M5x0.8	2	-
	BT50-S14-112.5	P2901022	14	23.5	112.5	M5x0.8	2	-
	BT50-S18-54	P2901023	18	31	54	M8x1.0	2	-
	BT50-S18-124	P2901024	18	31	124	M8x1.0	2	-
	BT50-S22-58	P2901025	22	39	58	M8x1.0	2	-
	BT50-S22-118	P2901026	22	39	118	M8x1.0	2	-
	BT50-S22-178	P2901027	22	39	178	M8x1.0	2	-
	BT50-S28-63	P2901028	28	50	63	M10x1.0	2	-
	BT50-S28-108	P2901029	28	50	108	M10x1.0	2	-
	BT50-S28-183	P2901030	28	50	183	M10x1.0	2	-
	BT50-S28-228	P2901031	28	50	228	M10x1.0	2	-
	BT50-S36-94	P2901032	36	64	94	M16x1.5	2	-
	BT50-S36-169	P2901033	36	64	169	M16x1.5	2	-
	BT50-S36-229	P2901034	36	64	229	M16x1.5	2	-
BT50-S46-93	P2901035	46	90	93	M16x1.5	2	-	
BT50-S46-243	P2901036	46	90	243	M16x1.5	2	-	

- ▶ The Basic Holder interchangeable between Fine Boring and Rough Boring bar.
- ▶ The Basic Holder, Boring Head & Insert Holder must be ordered separately.

HSK-A (DIN 69893/ISO 12164)								Unit : mm
TAPER No.	MODEL No.	EDP No.	S No.	D	L	G	FIG.	WEIGHT (Kg)
40A	HSK40A-S11-72.5	P2902001	11	18.5	72.5	M5x0.8	2	-
	HSK40A-S14-39.5	P2902002	14	23.5	39.5	M5x0.8	2	-
	HSK40A-S14-84.5	P2902003	14	23.5	84.5	M5x0.8	2	-
	HSK40A-S18-45	P2902004	18	31	45	M8x1.0	2	-
	HSK40A-S18-80	P2902005	18	31	80	M8x1.0	2	-
	HSK40A-S22-53	P2902006	22	39	53	M8x1.0	3	-
50A	HSK40A-S22-73	P2902007	22	39	73	M8x1.0	3	-
	HSK50A-S11-72.5	P2902008	11	18.5	72.5	M5x0.8	2	-
	HSK50A-S14-84.5	P2902009	14	23.5	84.5	M5x0.8	2	-
	HSK50A-S18-80	P2902010	18	31	80	M8x1.0	2	-
	HSK50A-S22-73	P2902011	22	39	73	M8x1.0	3	-
63A	HSK50A-S28-83	P2902012	28	50	83	M10x1.0	3	-
	HSK63A-S11-77.5	P2902013	11	18.5	77.5	M5x0.8	2	-
	HSK63A-S14-89.5	P2902014	14	23.5	89.5	M5x0.8	2	-
	HSK63A-S18-100	P2902015	18	31	100	M8x1.0	2	-
	HSK63A-S22-93	P2902016	22	39	93	M8x1.0	2	-
	HSK63A-S28-83	P2902017	28	50	83	M10x1.0	2	-
	HSK63A-S36-79	P2902018	36	64	79	M16x1.5	3	-
	HSK63A-S46-100	P2902019	46	90	100	M16x1.5	3	-
	HSK100A-S11-102.5	P2902020	11	18.5	102.5	M5x0.8	1	-
	HSK100A-S14-114.5	P2902021	14	23.5	114.5	M5x0.8	1	-
100A	HSK100A-S18-125	P2902022	18	31	125	M8x1.0	1	-
	HSK100A-S22-118	P2902023	22	39	118	M8x1.0	2	-
	HSK100A-S22-178	P2902024	22	39	178	M8x1.0	2	-
	HSK100A-S28-108	P2902025	28	50	108	M10x1.0	2	-
	HSK100A-S28-183	P2902026	28	50	183	M10x1.0	2	-
	HSK100A-S28-228	P2902027	28	50	228	M10x1.0	2	-
	HSK100A-S36-94	P2902028	36	64	94	M16x1.5	2	-
	HSK100A-S36-169	P2902029	36	64	169	M16x1.5	2	-
	HSK100A-S36-229	P2902030	36	64	229	M16x1.5	2	-
	HSK100A-S46-123	P2902031	46	90	123	M16x1.5	2	-
	HSK100A-S46-273	P2902032	46	90	273	M16x1.5	2	-

- ▶ The Basic Holder interchangeable between Fine Boring and Rough Boring bar.
- ▶ The Basic Holder, Boring Head & Insert Holder must be ordered separately.

▶ NEXT PAGE

- ▶ This is for help selecting Fine Boring Head & Insert Holder.
- ▶ The Insert Holder Clamp Screw is supplied with Boring Head.
- ▶ The Insert Screw is supplied with Insert Holder.
- ▶ The Torx Wrench should be ordered. Please contact us to purchase this wrench.
- ▶ The Basic Holder, Boring Head & Insert Holder must be ordered separately.
- ▶ The L, L1 dimensions in the table are the reference values when Boring Head and Insert Holder are mounted

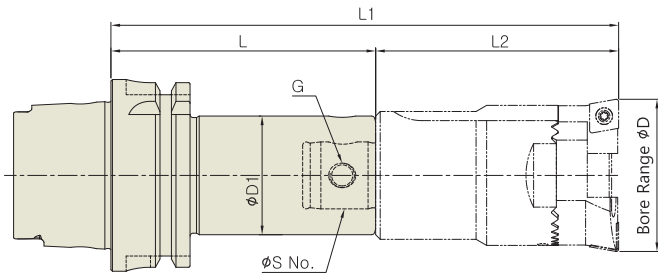


TYPICAL CONFIGURATION
OF ROUGH BORING BAR

TBH

ROUGH BORING BAR (SMALL BORE)

DOPPELBOHRHALTER
BARRE D'ALÉSAGE JUMEAUX
BARRE DI ALESATURA GEMELLO
BARRA DE MANDRINAR MELLIZO



HSK (DIN 69893/ISO 12164)

Unit : mm

TAPER No.	BASIC HOLDER	ROUGH BORING HEAD	CARTRIDGE	BORE RANGE (ØD)	S No.	L1	L2	G	WEIGHT (Kg)
100A	HSK100A-S11-102.5	S11-FBH20-24	FBH20-1	Ø20 ~ Ø24	11	152.5	50	M5x0.8	-
	HSK100A-S18-125	S18-TBH34-51	TBH34-43N	Ø34 ~ Ø43	18	185	60	M8x1.0	-
			TBH42-51N	Ø42 ~ Ø51					-
	HSK100A-S22-118	S22-TBH50-77	TBH50-64N	Ø50 ~ Ø64	22	198	80	M8x1.0	-
			TBH63-77N	Ø63 ~ Ø77					-
	HSK100A-S22-178	S22-TBH50-77	TBH50-64N	Ø50 ~ Ø64	22	258	80	M8x1.0	-
			TBH63-77N	Ø63 ~ Ø77					-
	HSK100A-S36-94	S36-TBH76-116	TBH76-97N	Ø76 ~ Ø97	36	204	110	M16x1.5	-
			TBH95-116N	Ø95 ~ Ø116					-
	HSK100A-S36-169	S36-TBH76-116	TBH76-97N	Ø76 ~ Ø97	36	279	110	M16x1.5	-
			TBH95-116N	Ø95 ~ Ø116					-
	HSK100A-S36-229	S36-TBH76-116	TBH76-97N	Ø76 ~ Ø97	36	339	110	M16x1.5	-
			TBH95-116N	Ø95 ~ Ø116					-
	HSK100A-S46-123	S46-TBH115-156	TBH115-136N	Ø115 ~ Ø136	46	228	105	M16x1.5	-
			TBH135-156N	Ø135 ~ Ø156					-
	HSK100A-S46-273	S46-TBH115-156	TBH115-136N	Ø115 ~ Ø136	46	378	105	M16x1.5	-
			TBH135-156N	Ø135 ~ Ø156					-

- This is for help selecting Rough Boring Head & Cartridge.
- The Cartridge Clamp Screw is supplied with Boring Head.
- The Insert Screw is supplied with Cartridge.
- The Torx Wrench should be ordered. Please contact us to purchase this wrench.
- The Basic Holder, Rough Boring Head & Cartridge must be ordered separately.
- The L1, L2 dimensions in the table are the reference values when Boring Head and Cartridge are mounted.

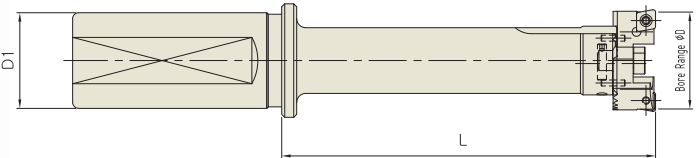


ROUGH BORING
BAR

TBH

ROUGH BORING BAR (SMALL BORE)

DOPPELBOHRHALTER
BARRE D'ALÉSAGE JUMEAUX
BARRE DI ALESATURA GEMELLO
BARRA DE MANDRINAR MELLIZO



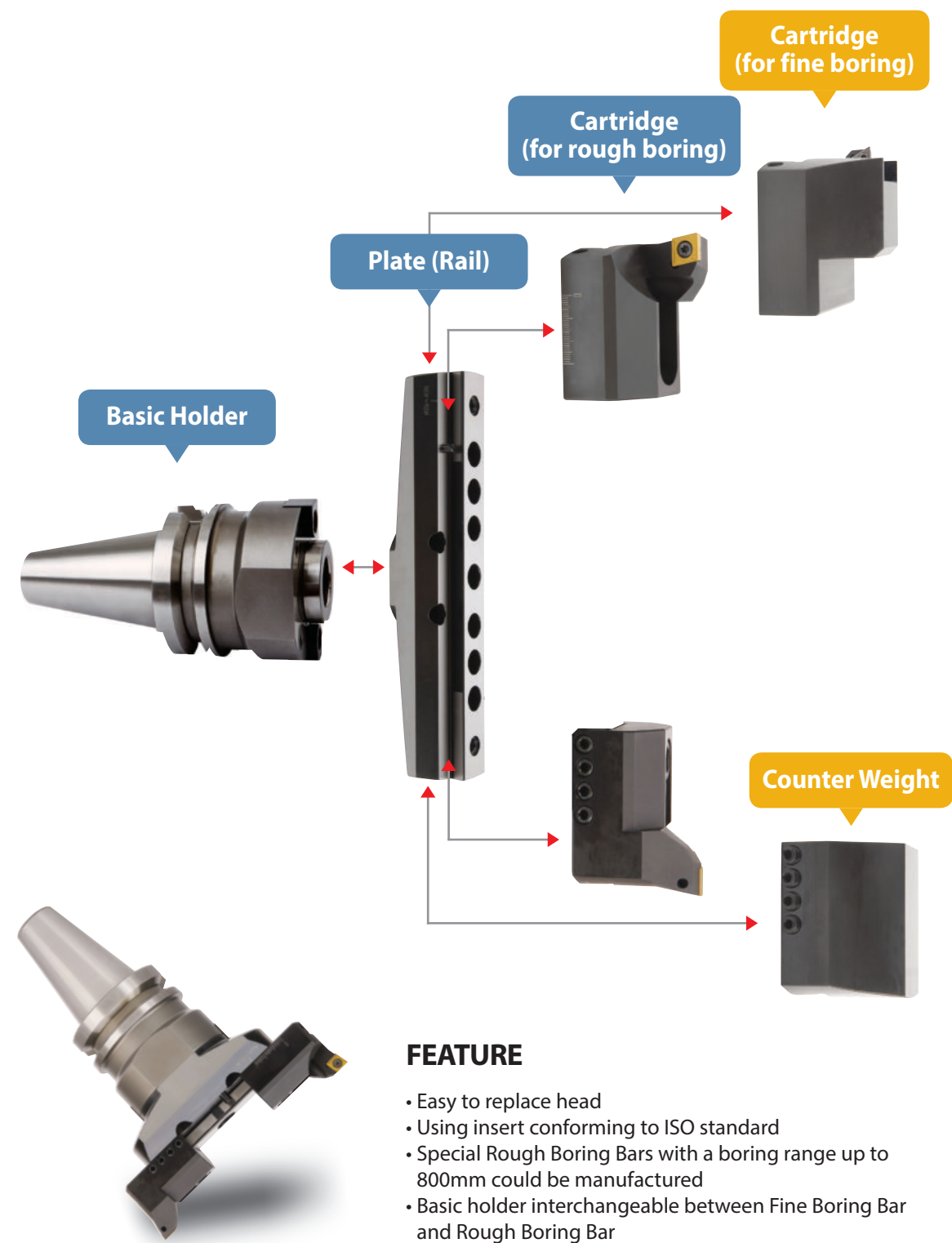
STRAIGHT-ST

Unit : mm

TAPER No.	MODEL No.	EDP No.	CARTRIDGE	BORE RANGE (ØD)	L	D1	WEIGHT (Kg)
32	ST32-TBH25-125	P2779559	TBH25-34	Ø25 ~ Ø34	125	32	-
	ST32-TBH34-130	P2779560	TBH34-43N	Ø34 ~ Ø43	130	32	-
			TBH42-51N	Ø42 ~ Ø51			-
	ST32-TBH50-155	P2779561	TBH50-64N	Ø50 ~ Ø64	155	32	-
			TBH63-77N	Ø63 ~ Ø77			-
	40	ST40-TBH76-185	P2779562	TBH76-97N	Ø76 ~ Ø97	185	40
TBH95-116N				Ø95 ~ Ø116	-		
42	ST42-TBH76-185	P2779563	TBH76-97N	Ø76 ~ Ø97	185	42	-
			TBH95-116N	Ø96 ~ Ø116			-

- This is for help selecting Straight Rough Boring Head & Cartridge.
- The Cartridge Clamp Screw is supplied with Boring Head.
- The Insert Screw is supplied with Cartridge.
- The Torx Wrench should be ordered. Please contact us to purchase this wrench.
- The Straight Shank & Cartridge must be ordered separately.
- The Straight Shank & Rough Boring Head are combined.
- The dimensions L in the table are the reference values when cartridge are mounted.

Boring Range : 153mm~576mm (FINE BORING BAR)
156mm~576mm (ROUGH BORING BAR)



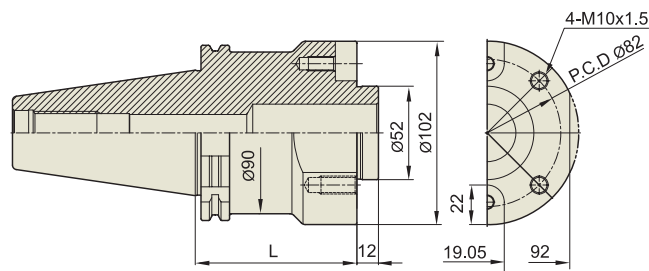
FEATURE

- Easy to replace head
- Using insert conforming to ISO standard
- Special Rough Boring Bars with a boring range up to 800mm could be manufactured
- Basic holder interchangeable between Fine Boring Bar and Rough Boring Bar



PART

FINE & ROUGH BORING BAR (BIG BORE)

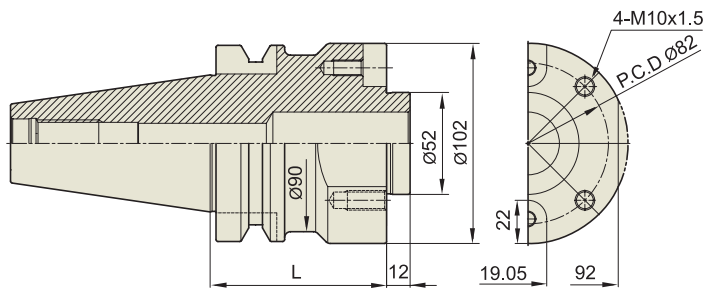


SK (DIN 69871)

Unit : mm

MODEL No.	L
SK50-SAS102-90	90
SK50-SAS102-140	140
SK50-SAS102-190	190

▶ Basic holder interchangeable between Fine Boring Bar and Rough Boring Bar.



BT (JIS B6339/MAS 403)

Unit : mm

MODEL No.	L
BT50-SAS102-90	90
BT50-SAS102-140	140
BT50-SAS102-190	190

▶ Basic holder interchangeable between Fine Boring Bar and Rough Boring Bar.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

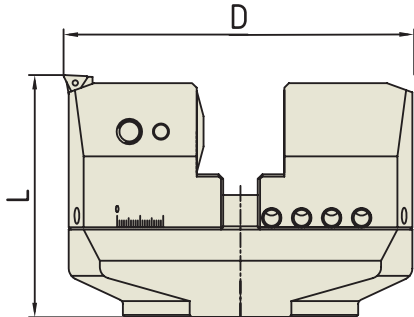
BORING
SYSTEM

ACCESSORY
& PARTS

PLATE &
CARTRIDGE

PART

FINE BORING BAR (BIG BORE)



MODEL No.	D (BORE RANGE)		L (HEIGHT)	WEIGHT (Kg)
	Min.	Max.		
FBH153S	153	216	105	-
FBH216S	216	276	105	-
FBH276S	276	336	105	-
FBH336S	336	396	105	-
FBH396S	396	456	105	-
FBH456S	456	516	105	-
FBH516S	516	576	105	-

SPARE PART

BORING HEAD	PLATE	CARTRIDGE	CLAMP BOLT	COUNTER WEIGHT	WRENCH	CLAMP SCREW	T-WRENCH
FBH153S	PLA153	FTP11	M10 X 30L	FBB153	L-W 5	FTNA0307	T7
FBH216S	PLA216						
FBH276S	PLA276						
FBH336S	PLA336						
FBH396S	PLA396						
FBH456S	PLA456						
FBH516S	PLA516						

Unit : mm

Unit : mm

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

D274

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

YG-1 CO., LTD.

TOOLING
SYSTEM

SK
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(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

PLATE &
CARTRIDGE

PART

ROUGH BORING BAR (BIG BORE)



PLATE	D
PLA156	152
PLA216	212
PLA276	272
PLA336	332
PLA396	392
PLA456	452
PLA516	512

for Rough Cutting

CN120

Unit : mm

Unit : mm

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

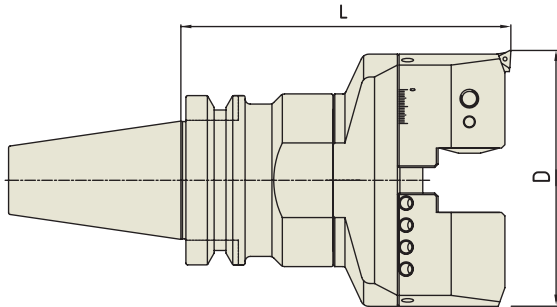
BORING
SYSTEM

ACCESSORY
& PARTS

D275

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

YG-1 CO., LTD.

TOOLING SYSTEM	 FINE BORING BAR		FBH
	FINE BORING BAR (BIG BORE) FEINBOHRHALTER ALÉSAGE PROFOND BARRE DI ALESATURA FINE BARRA DE MANDRINADO FINO		
SK (DIN 69871)			
CBT (BT DUAL CONTACT)			
BT (JIS B6339/ MAS 403)			
HSK (DIN 69893/ ISO 12164)			
STRAIGHT			
ISO, NT, MTA/MTB, GOST			
TOOL HOLDER SET			
BORING SYSTEM			
ACCESSORY & PARTS	  		

BT (JIS B6339/MAS 403)					
Unit : mm					
MODEL No.	D (BORE RANGE)		BODY (BASIC HOLDER)	BORING HEAD	WEIGHT (Kg)
	Min.	Max.			
BT50-FBH153-195	153	216	BT50-SAS102-90	FBH153S	-
BT50-FBH153-265			BT50-SAS102-160		-
BT50-FBH153-315			BT50-SAS102-210		-
BT50-FBH153-365			BT50-SAS102-260		-
BT50-FBH216-195	216	276	BT50-SAS102-90	FBH216S	-
BT50-FBH216-265			BT50-SAS102-160		-
BT50-FBH216-315			BT50-SAS102-210		-
BT50-FBH216-365			BT50-SAS102-260		-
BT50-FBH276-195	276	336	BT50-SAS102-90	FBH276S	-
BT50-FBH276-265			BT50-SAS102-160		-
BT50-FBH276-315			BT50-SAS102-210		-
BT50-FBH276-365			BT50-SAS102-260		-
BT50-FBH336-195	336	396	BT50-SAS102-90	FBH336S	-
BT50-FBH336-265			BT50-SAS102-160		-
BT50-FBH336-315			BT50-SAS102-210		-
BT50-FBH336-365			BT50-SAS102-260		-
BT50-FBH396-195	396	456	BT50-SAS102-90	FBH396S	-
BT50-FBH396-265			BT50-SAS102-160		-
BT50-FBH396-315			BT50-SAS102-210		-
BT50-FBH396-365			BT50-SAS102-260		-
BT50-FBH456-195	456	516	BT50-SAS102-90	FBH456S	-
BT50-FBH456-265			BT50-SAS102-160		-
BT50-FBH456-315			BT50-SAS102-210		-
BT50-FBH456-365			BT50-SAS102-260		-
BT50-FBH516-195	516	576	BT50-SAS102-90	FBH516S	-
BT50-FBH516-265			BT50-SAS102-160		-
BT50-FBH516-315			BT50-SAS102-210		-
BT50-FBH516-365			BT50-SAS102-260		-

► Basic holder interchangeable between Fine Boring Bar and Rough Boring Bar.



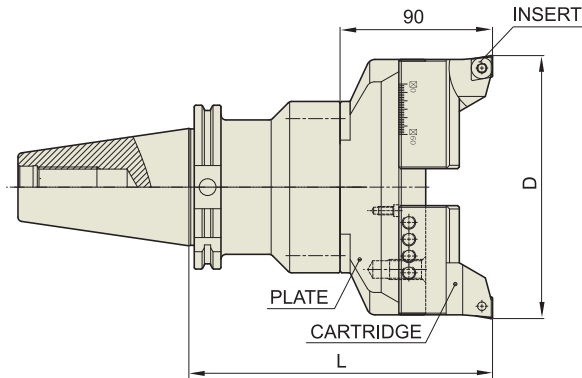
ROUGH BORING BAR

TBH

ROUGH BORING BAR (BIG BORE)

DOPPELSCHNEIDER - BOHRSTANGE
BARRE D'ALÉSAGE À 2 ARÊTES DE COUPE
PORTA TESTINE BILAMA
BARRAS DE MANDRINAR DE DOS PLACAS





DIN
69871-
SK

AT3

A

TOOLING SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

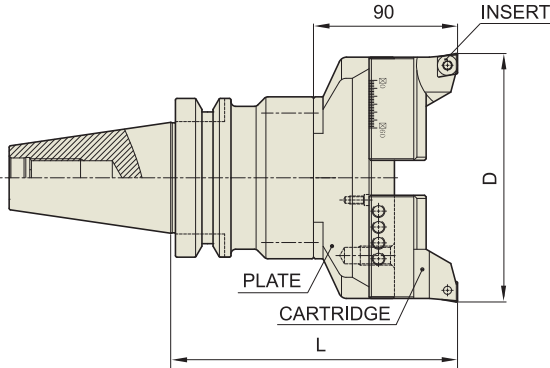
TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

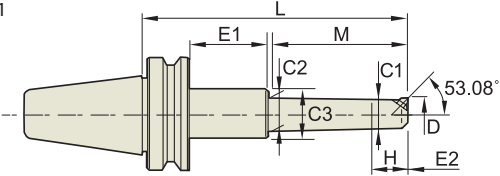
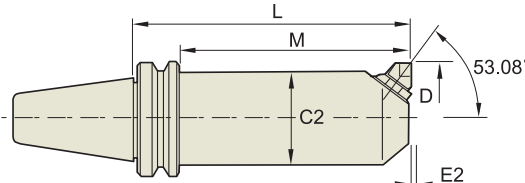
SK (DIN 69871/ISO 7388-1)							Unit: mm
MODEL No.	D (BORE RANGE)	L	BODY	PLATE	INSERT	WEIGHT (Kg)	
	Min. - Max.						
SK50-TBH156-180	156 - 216	180	SK50-SAS102-90	PLA156	CCMT120400	-	
SK50-TBH156-230	156 - 216	230	SK50-SAS102-140	PLA156	CCMT120400	-	
SK50-TBH156-280	156 - 216	280	SK50-SAS102-190	PLA156	CCMT120400	-	
SK50-TBH216-180	216 - 276	180	SK50-SAS102-90	PLA216	CCMT120400	-	
SK50-TBH216-230	216 - 276	230	SK50-SAS102-140	PLA216	CCMT120400	-	
SK50-TBH216-280	216 - 276	280	SK50-SAS102-190	PLA216	CCMT120400	-	
SK50-TBH276-180	276 - 336	180	SK50-SAS102-90	PLA276	CCMT120400	-	
SK50-TBH276-230	276 - 336	230	SK50-SAS102-140	PLA276	CCMT120400	-	
SK50-TBH276-280	276 - 336	280	SK50-SAS102-190	PLA276	CCMT120400	-	
SK50-TBH336-180	336 - 396	180	SK50-SAS102-90	PLA336	CCMT120400	-	
SK50-TBH336-230	336 - 396	230	SK50-SAS102-140	PLA336	CCMT120400	-	
SK50-TBH336-280	336 - 396	280	SK50-SAS102-190	PLA336	CCMT120400	-	
SK50-TBH396-180	396 - 456	180	SK50-SAS102-90	PLA396	CCMT120400	-	
SK50-TBH396-230	396 - 456	230	SK50-SAS102-140	PLA396	CCMT120400	-	
SK50-TBH396-280	396 - 456	280	SK50-SAS102-190	PLA396	CCMT120400	-	
SK50-TBH456-180	456 - 516	180	SK50-SAS102-90	PLA456	CCMT120400	-	
SK50-TBH456-230	456 - 516	230	SK50-SAS102-140	PLA456	CCMT120400	-	
SK50-TBH456-280	456 - 516	280	SK50-SAS102-190	PLA456	CCMT120400	-	
SK50-TBH516-180	516 - 576	180	SK50-SAS102-90	PLA516	CCMT120400	-	
SK50-TBH516-230	516 - 576	230	SK50-SAS102-140	PLA516	CCMT120400	-	
SK50-TBH516-280	516 - 576	280	SK50-SAS102-190	PLA516	CCMT120400	-	

- ▶ Upon request, special Rough Boring Bars with a boring range up to 800mm could be manufactured and supplied.
- ▶ Basic holder interchangeable between Fine Boring Bar and Rough Boring Bar.

TOOLING SYSTEM	 ROUGH BORING BAR		TBH
	ROUGH BORING BAR (BIG BORE) DOPPELSCHNEIDER - BOHRSTANGE BARRE D'ALÉSAGE À 2 ARÊTES DE COUPE PORTA TESTINE BILAMA BARRAS DE MANDRINAR DE DOS PLACAS		
SK (DIN 69871)			
CBT (BT DUAL CONTACT)			
BT (JIS B6339/ MAS 403)			
HSK (DIN 69893/ ISO 12164)			
STRAIGHT			
ISO, NT, MTA/MTB, GOST			
TOOL HOLDER SET			
BORING SYSTEM			
ACCESSORY & PARTS			

BT (JIS B6339/MAS 403)							Unit : mm
MODEL No.	D (BORE RANGE)	L	BODY	PLATE	INSERT	WEIGHT (Kg)	
	Min. - Max.						
BT50-TBH156-180	156 - 216	180	BT50-SAS102-90	PLA156	CCMT120400	-	
BT50-TBH156-230	156 - 216	230	BT50-SAS102-140	PLA156	CCMT120400	-	
BT50-TBH156-280	156 - 216	280	BT50-SAS102-190	PLA156	CCMT120400	-	
BT50-TBH216-180	216 - 276	180	BT50-SAS102-90	PLA216	CCMT120400	-	
BT50-TBH216-230	216 - 276	230	BT50-SAS102-140	PLA216	CCMT120400	-	
BT50-TBH216-280	216 - 276	280	BT50-SAS102-190	PLA216	CCMT120400	-	
BT50-TBH276-180	276 - 336	180	BT50-SAS102-90	PLA276	CCMT120400	-	
BT50-TBH276-230	276 - 336	230	BT50-SAS102-140	PLA276	CCMT120400	-	
BT50-TBH276-280	276 - 336	280	BT50-SAS102-190	PLA276	CCMT120400	-	
BT50-TBH336-180	336 - 396	180	BT50-SAS102-90	PLA336	CCMT120400	-	
BT50-TBH336-230	336 - 396	230	BT50-SAS102-140	PLA336	CCMT120400	-	
BT50-TBH336-280	336 - 396	280	BT50-SAS102-190	PLA336	CCMT120400	-	
BT50-TBH396-180	396 - 456	180	BT50-SAS102-90	PLA396	CCMT120400	-	
BT50-TBH396-230	396 - 456	230	BT50-SAS102-140	PLA396	CCMT120400	-	
BT50-TBH396-280	396 - 456	280	BT50-SAS102-190	PLA396	CCMT120400	-	
BT50-TBH456-180	456 - 516	180	BT50-SAS102-90	PLA456	CCMT120400	-	
BT50-TBH456-230	456 - 516	230	BT50-SAS102-140	PLA456	CCMT120400	-	
BT50-TBH456-280	456 - 516	280	BT50-SAS102-190	PLA456	CCMT120400	-	
BT50-TBH516-180	516 - 576	180	BT50-SAS102-90	PLA516	CCMT120400	-	
BT50-TBH516-230	516 - 576	230	BT50-SAS102-140	PLA516	CCMT120400	-	
BT50-TBH516-280	516 - 576	280	BT50-SAS102-190	PLA516	CCMT120400	-	

- ▶ Upon request, special Rough Boring Bars with a boring range up to 800mm could be manufactured and supplied.
- ▶ Basic holder interchangeable between Fine Boring Bar and Rough Boring Bar.

	MICRO BORING BAR	BCA	TOOLING SYSTEM
MICRO BORING BAR MIKRO - BOHRSTANGE BARRE D'ALÉSAGE MICRO PORTA TESTINE MICROREGISTRABILI BARRAS DE MANDRINAR MICRO			SK (DIN 69871)
			CBT (BT DUAL CONTACT)
FIG.1  FIG.2 			BT (JIS B6339/ MAS 403)
  			HSK (DIN 69893/ ISO 12164)
			STRAIGHT
			ISO, NT, MTA/MTB, GOST
			TOOL HOLDER SET
			BORING SYSTEM
			ACCESSORY & PARTS

BT (JIS B6339/MAS 403)

Unit : mm

TAPER No.	MODEL No.	D (BORE RANGE)	L	M	C1	C2	C3	H	E1	E2	UNIT	INSERT	FIG.	WEIGHT (Kg)
		Min. - Max.												
30	BT30-BCA13.5-105	13.5 - 16	105	68	12	13.0	44	15	5	0.2	M1B2E/F	BRAZED TYPE	1	-
	BT30-BCA14.5-105	14.5 - 17	105	68	13	14.0	44	15	5	0.2	M1B2E/F	BRAZED TYPE	1	-
	BT30-BCA16-105	16 - 22.5	105	73	14	15	-	18	-	0.2	M1A2E/F	BRAZED TYPE	3	-
	BT30-BCA19-120	19 - 23	120	85	16	18	44	23	3	0.2	M2B2CC	CCGT0401	1	0.70
	BT30-BCA23-135	23 - 29	135	105	19	22	-	24	-	0.2	M3B2TC	TBGT0601	3	0.70
	BT30-BCA29-150	29 - 41	150	115	25	28	44	30	8	0.2	M3A2TC	TBGT0601	1	0.90
	BT30-BCA29-195	29 - 41	195	115	25	28	44	30	53	0.2	M3A2TC	TBGT0601	1	-
	BT30-BCA38-150	38 - 49	150	115	33	35	55	41	8	0.2	M5B2TC	TCGT1102	1	1.40
	BT30-BCA38-210	38 - 49	210	175	33	37	55	41	8	0.2	M5B2TC	TCGT1102	1	-
	BT30-BCA46-150	46 - 66	150	115	38	41	55	45	8	0.2	M5A2TC	TCGT1102	1	2.10
	BT30-BCA46-210	46 - 66	210	175	38	45	55	45	8	0.2	M5A2TC	TCGT1102	1	-
	BT30-BCA62-165	62 - 87	165	135	51	-	-	-	-	0.2	M7A2TC	TCGT16T3	2	-
40	BT40-BCA13.5-105	13.5 - 16	105	68	12	13.0	44	15	5	0.2	M1B2E/F	BRAZED TYPE	1	-
	BT40-BCA14.5-105	14.5 - 17	105	68	13	14.0	44	15	5	0.2	M1B2E/F	BRAZED TYPE	1	-
	BT40-BCA16-105	16 - 22.5	105	73	14	15	-	18	-	0.2	M1A2E/F	BRAZED TYPE	3	-
	BT40-BCA19-120	19 - 23	120	85	16	18	44	23	3	0.2	M2B2CC	CCGT0401	1	1.50
	BT40-BCA23-135	23 - 29	135	105	19	22	-	24	-	0.2	M3B2TC	TBGT0601	3	1.50
	BT40-BCA29-150	29 - 41	150	115	25	28	44	30	8	0.2	M3A2TC	TBGT0601	1	1.50
	BT40-BCA29-195	29 - 41	195	115	25	28	44	30	53	0.2	M3A2TC	TBGT0601	1	2.00
	BT40-BCA38-150	38 - 49	150	115	33	35	55	41	8	0.2	M5B2TC	TCGT1102	1	1.80
	BT40-BCA38-210	38 - 49	210	175	33	37	55	41	8	0.2	M5B2TC	TCGT1102	1	2.20
	BT40-BCA46-150	46 - 66	150	115	38	41	55	45	8	0.2	M5A2TC	TCGT1102	1	2.10
	BT40-BCA46-210	46 - 66	210	175	38	45	55	45	8	0.2	M5A2TC	TCGT1102	1	2.30
	BT40-BCA62-165	62 - 87	165	135	51	-	-	-	-	0.2	M7A2TC	TCGT16T3	2	2.90
	BT40-BCA62-210	62 - 87	210	180	51	-	-	-	-	0.2	M7A2TC	TCGT16T3	2	3.60
	BT40-BCA83-150	83 - 108	150	120	63	-	-	-	-	0.2	M7A2TC	TCGT16T3	2	-
	BT40-BCA83-210	83 - 108	210	180	63	-	-	-	-	0.2	M7A2TC	TCGT16T3	2	-
BT40-BCA98-150	98 - 142	150	120	83	-	-	85	-	0.2	M10A2TC	TCGT16T3	4	-	

► NEXT PAGE

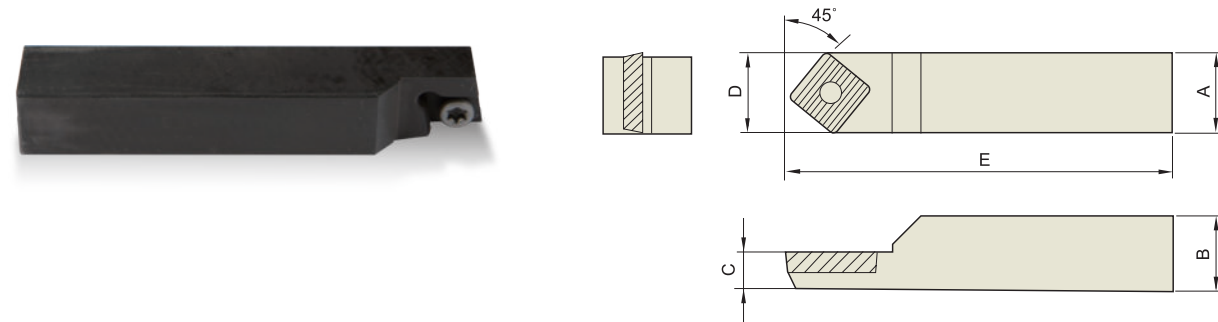
TAPER No.	MODEL No.	D (BORE RANGE)	L	C	C1	W	M	WEIGHT (Kg)
		Min. - Max.						
30	BT30-BSA25-120	25 - 38	120	20	22	8	90	1.00
	BT30-BSA30-135	30 - 42	135	24	26	8	105	1.10
	BT30-BSA38-150	38 - 52	150	30	33	10	120	1.40
	BT30-BSA42-150	42 - 56	150	34	37	10	125	1.60
	BT30-BSA50-150	50 - 65	150	40	44	13	125	1.80
40	BT40-BSA25-135	25 - 38	135	20	22	8	108	1.30
	BT40-BSA30-165	30 - 42	165	24	26	8	138	1.50
	BT40-BSA38-180	38 - 52	180	30	33	10	153	1.80
	BT40-BSA42-210	42 - 56	210	34	37	10	183	2.30
	BT40-BSA50-180	50 - 65	180	40	44	13	153	2.40
	BT40-BSA50-225	50 - 65	225	40	44	13	198	2.90
	BT40-BSA62-180	62 - 90	180	50	54	16	153	3.20
	BT40-BSA62-240	62 - 90	240	50	54	16	213	4.20
	BT40-BSA72-180	72 - 110	180	60	63	19	153	4.40
	BT40-BSA72-240	72 - 110	240	60	63	19	213	5.70
BT40-BSA90-180	90 - 125	180	75	63	19	153	5.40	
50	BT50-BSA25-135	25 - 38	135	20	22	8	95	4.40
	BT50-BSA30-165	30 - 42	165	24	26	8	125	4.60
	BT50-BSA38-180	38 - 52	180	30	33	10	140	4.80
	BT50-BSA42-210	42 - 56	210	34	37	10	170	5.00
	BT50-BSA50-180	50 - 65	180	40	44	13	140	5.40
	BT50-BSA50-240	50 - 65	240	40	44	13	200	5.70
	BT50-BSA62-195	62 - 90	195	50	54	16	155	6.10
	BT50-BSA62-270	62 - 90	270	50	54	16	230	7.50
	BT50-BSA72-195	72 - 110	195	60	66	19	155	6.90
	BT50-BSA72-285	72 - 110	285	60	66	19	245	9.30
	BT50-BSA90-210	90 - 125	210	75	80	19	170	9.20
	BT50-BSA90-300	90 - 125	300	75	80	19	260	12.30
	BT50-BSA105-195	105 - 160	195	90	90	25	157	10.50
	BT50-BSA105-285	105 - 160	285	90	90	25	247	14.80

TAPER No.	MODEL No.	D (BORE RANGE)	L	C	C1	W	M	WEIGHT (Kg)	FIG.
		Min. - Max.							
30	BT30-BSB25-120	25 - 50	120	20	22	8	90	1.10	1
	BT30-BSB38-150	38 - 70	150	30	33	10	120	1.50	1
	BT30-BSB50-150	50 - 90	150	40	44	13	125	2.20	1
40	BT40-BSB25-135	25 - 50	135	20	22	8	108	1.30	1
	BT40-BSB38-180	38 - 70	180	30	33	10	153	1.90	1
	BT40-BSB50-180	50 - 90	180	40	44	13	153	2.60	1
	BT40-BSB50-225	50 - 90	225	40	44	13	198	3.10	1
	BT40-BSB62-180	62 - 115	180	50	56	16	153	3.40	1
	BT40-BSB62-225	62 - 115	225	50	56	16	198	4.10	1
	BT40-BSB72-180	72 - 135	180	60	66	19	153	4.70	1
	BT40-BSB72-225	72 - 135	225	60	66	19	198	5.60	1
	BT40-BSB90-180	90 - 150	180	75	80	19	153	5.70	1
	BT40-BSB90-225	90 - 150	225	75	80	19	198	6.60	1
	BT50-BSB25-135	25 - 50	135	20	22	8	95	4.10	1
	BT50-BSB38-180	38 - 70	180	30	33	10	140	4.80	1
50	BT50-BSB50-180	50 - 90	180	40	44	13	140	5.50	1
	BT50-BSB50-240	50 - 50	240	40	44	13	200	5.70	1
	BT50-BSB62-195	62 - 115	195	50	56	16	155	6.40	1
	BT50-BSB62-270	62 - 115	270	50	56	16	230	7.90	1
	BT50-BSB72-195	72 - 135	195	60	66	19	155	7.30	1
	BT50-BSB72-285	72 - 135	285	60	66	19	245	9.60	1
	BT50-BSB90-210	90 - 150	210	75	80	19	170	9.60	1
	BT50-BSB90-300	90 - 150	300	75	80	19	260	12.60	1
	BT50-BSB105-195	105 - 190	195	90	-	25	155	11.10	2
	BT50-BSB105-285	105 - 190	285	90	94	25	245	15.40	2



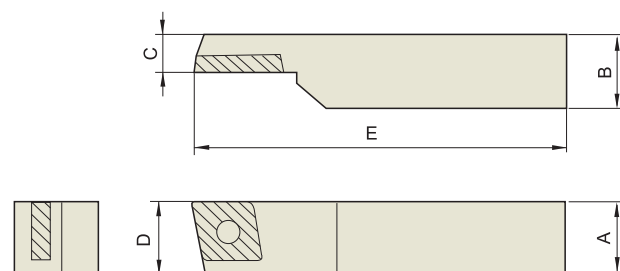
PART

SQUARE BITE



Unit : mm

SIZE	CLASSIFICATION							
	A	B	C	D	E	SCREW	WRENCH	INSERT
SBC08-45	8	8	6.3	8.39	70	SSB-2506	T7	CCMT0602
SBC10-45	10	10	7	10.39	70	SSB-2506	T7	CCMT0602
SBC13-45	13	13	10	13.6	80	SSB-4009	T15	CCMT09T3
SBC16-45	16	16	11	16.68	100	SSB-5012	T15	CCMT1204
SBC19-45	19	19	11	19.68	100	SSB-5012	T15	CCMT1204
SBC25-45	25	25	12.5	25.68	120	SSB-5012	T15	CCMT1204



Unit : mm

SIZE	CLASSIFICATION							
	A	B	C	D	E	SCREW	WRENCH	INSERT
SBC10-90	10	10	7	10.4	70	SSB-2506	T7	CCMT0602
SBC13-90	13	13	10	13.6	80	SSB-4009	T15	CCMT09T3
SBC16-90	16	16	11	16.7	100	SSB-5012	T15	CCMT1204
SBC19-90	19	19	11	19.7	100	SSB-5012	T15	CCMT1204
SBC25-90	25	25	12.5	25.7	120	SSB-5012	T15	CCMT1204

YG-1 TOOLING SYSTEM

ACCESSORY & PARTS



HYDRAULIC CHUCK TEST PIECE

HYDRAULIC CHUCK COLLET

SHRINK FIT HEATING MACHINE

ER COLLET

TAP ER COLLET

ER NUT & SPANNER

SIDE LOCK BOLT FOR EMH

COLLAR BOLT & DRIVE KEY FOR SMA

DRIVE KEY & MOUNTING BOLT FOR FMA

MILLING CHUCK COLLET & SPANNER

SK COLLET, NUT, SPANNER

TAP ADAPTOR FOR TAPPING CHUCK

PULL STUD BOLT & SPANNER

TOOL CLAMP, HEIGHT PRESETTER

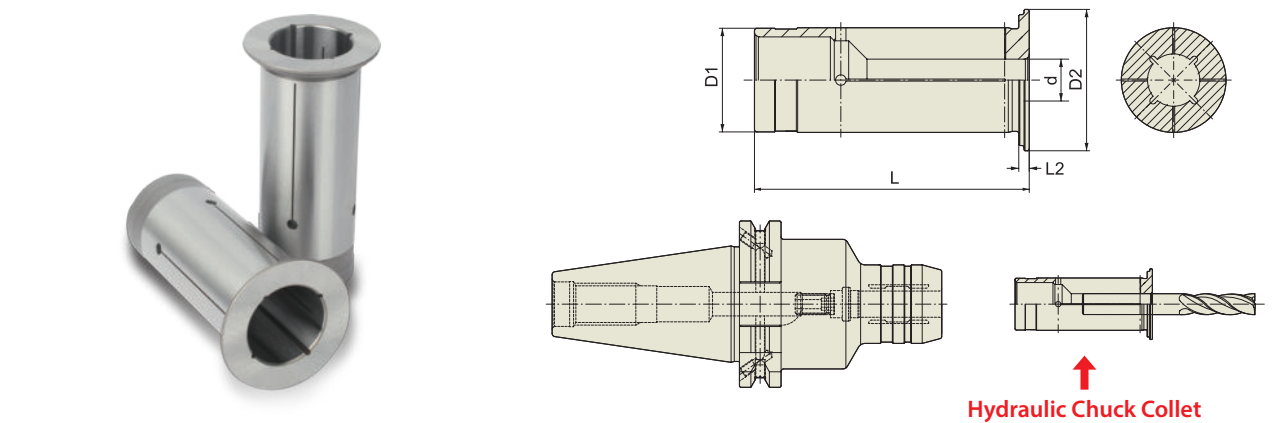
COOLANT TUBE & SPANNER FOR HSK

ADJUST BOLT MQL1 FOR HSK

HS

HF

COLLET (REDUCTION SLEEVE : COOLANT FLUSH TYPE)



MODEL No.							EDP No.	d	D1	D2	L	L2
HF12	3	P2771201	3	12	19	47	2					
	4	P2771202	4	12	19	47	2					
	5	P2771203	5	12	19	47	2					
	6	P2771204	6	12	19	47	2					
	7	P2771205	7	12	19	47	2					
	8	P2771206	8	12	19	47	2					
HF20	3	P2771207	3	20	27	52.5	2					
	4	P2771208	4	20	27	52.5	2					
	5	P2771209	5	20	27	52.5	2					
	6	P2771210	6	20	27	52.5	2					
	7	P2771211	7	20	27	52.5	2					
	8	P2771212	8	20	27	52.5	2					
	9	P2771213	9	20	27	52.5	2					
	10	P2771214	10	20	27	52.5	2					
	11	P2771215	11	20	27	52.5	2					
	12	P2771216	12	20	27	52.5	2					
	13	P2771217	13	20	27	52.5	2					
	14	P2771218	14	20	27	52.5	2					
	15	P2771219	15	20	27	52.5	2					
	16	P2771220	16	20	27	52.5	2					
HF32	6	P2771221	6	32	39	63.5	3					
	8	P2771222	8	32	39	63.5	3					
	10	P2771223	10	32	39	63.5	3					
	12	P2771224	12	32	39	63.5	3					
	14	P2771225	14	32	39	63.5	3					
	16	P2771226	16	32	39	63.5	3					
	18	P2771227	18	32	39	63.5	3					
	20	P2771228	20	32	39	63.5	3					
25	P2771229	25	32	39	63.5	3						

- ▶ Inch type products are available.
- ▶ Other special sizes of Hydraulic Chuck collets could be produced and supplied.

Feature	HF Hydraulic Chuck collet (reduction sleeve) is for internal coolant flush.
Chuck Method	Please assemble cutting tool with collet firstly, and then insert collet into Hydraulic Chuck.

TOOLING
SYSTEM

HYDRAULIC
CHUCK

HR

COLLET (REDUCTION SLEEVE : For HIGH PRESSURE COOLANT)

HYDRAULIK SPANNFUTTER SPANNZANGE

MANDRIN HYDRAULIQUE PINCE DE SERRAGE

MANDRINI IDRAULICI PINZA DI SERRAGGIO

PORTAHERRAMIENTAS HIDRAULICO PINZA PORTAPIEZAS

Hydraulic Chuck Collet

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

MODEL No.	EDP No.	d	D1	D2	L	L2
3	P2771201	3	12	19	47	2

Unit : mm

**SHRINK FIT
HOLDER**

SHRINK FIT HEATING MACHINE

FEATURE

- ▶ Electromagnetic induction heating system
- ▶ Automatic voltage adjustment : AC 100v~240v
- ▶ Small size and light weight
- ▶ Easy to operate

SPECIFICATION

Characteristics	Specification
Model No.	SF-3300
Power	100V~240V AC, 50/60Hz, 3.0KW
Dimension	380mm(W) x 350mm(D) x 720mm(H)
Weight	22kg
Holder Support	SK, HSK, BT



SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

ER COLLET - GER (ULTRA PRECISION)

ER SPANNZANGE - GER
ER PINCE DE SERRAGE - GER
ER PINZA DI SERRAGGIO - GER
ER PINZA PORTAPIEZAS - GER



Unit : mm

GER 11			GER 20			GER 32			GER 40		
CLAMPING RANGE	CODE No.	EDP No.	CLAMPING RANGE	CODE No.	EDP No.	CLAMPING RANGE	CODE No.	EDP No.	CLAMPING RANGE	CODE No.	EDP No.
3.0 - 2.5	111030	P2772405	3.0 - 2.0	120030	P2772427	3.0 - 2.0	132030	P2772459	3.0 - 2.0	140030	P2772552
3.5 - 3.0	111035	P2772406	4.0 - 3.0	120040	P2772428	4.0 - 3.0	132040	P2772460	4.0 - 3.0	140040	P2772479
4.0 - 3.5	111040	P2772407	5.0 - 4.0	120050	P2772429	5.0 - 4.0	132050	P2772461	5.0 - 4.0	140050	P2772480
4.5 - 4.0	111045	P2772408	6.0 - 5.0	120060	P2772430	6.0 - 5.0	132060	P2772462	6.0 - 5.0	140060	P2772481
5.0 - 4.5	111050	P2772409	7.0 - 6.0	120070	P2772431	7.0 - 6.0	132070	P2772463	7.0 - 6.0	140070	P2772482
5.5 - 4.0	111055	P2772410	8.0 - 7.0	120080	P2772432	8.0 - 7.0	132080	P2772464	8.0 - 7.0	140080	P2772483
6.0 - 5.5	111060	P2772411	9.0 - 8.0	120090	P2772433	9.0 - 8.0	132090	P2772465	9.0 - 8.0	140090	P2772484
6.5 - 6.0	111065	P2772412	10.0 - 9.0	120100	P2772434	10.0 - 9.0	132100	P2772466	10.0 - 9.0	140100	P2772485
7.0 - 6.5	111070	P2772413	11.0 - 10.0	120110	P2772435	11.0 - 10.0	132110	P2772467	11.0 - 10.0	140110	P2772486
			12.0 - 11.0	120120	P2772436	12.0 - 11.0	132120	P2772468	12.0 - 11.0	140120	P2772487
			13.0 - 12.0	120130	P2772437	13.0 - 12.0	132130	P2772469	13.0 - 12.0	140130	P2772488
						14.0 - 13.0	132140	P2772470	14.0 - 13.0	140140	P2772489
						15.0 - 14.0	132150	P2772471	15.0 - 14.0	140150	P2772490
						16.0 - 15.0	132160	P2772472	16.0 - 15.0	140160	P2772491
						17.0 - 16.0	132170	P2772473	17.0 - 16.0	140170	P2772492
						18.0 - 17.0	132180	P2772474	18.0 - 17.0	140180	P2772493
						19.0 - 18.0	132190	P2772475	19.0 - 18.0	140190	P2772494
						20.0 - 19.0	132200	P2772476	20.0 - 19.0	140200	P2772495
									21.0 - 20.0	140210	P2772496
									22.0 - 21.0	140220	P2772497
									23.0 - 22.0	140230	P2772498
									24.0 - 23.0	140240	P2772499
									25.0 - 24.0	140250	P2772500
									26.0 - 25.0	140260	P2772551
									27.0 - 26.0	140270	P2772553
									28.0 - 27.0	140280	P2772554
									29.0 - 28.0	140290	P2772555
									30.0 - 29.0	140300	P2772556

GER 16			GER 25		
CLAMPING RANGE	CODE No.	EDP No.	CLAMPING RANGE	CODE No.	EDP No.
3.0 - 2.0	116030	P2772416	3.0 - 2.0	125030	P2772442
4.0 - 3.0	116040	P2772417	4.0 - 3.0	125040	P2772443
5.0 - 4.0	116050	P2772418	5.0 - 4.0	125050	P2772444
6.0 - 5.0	116060	P2772419	6.0 - 5.0	125060	P2772445
7.0 - 6.0	116070	P2772420	7.0 - 6.0	125070	P2772446
8.0 - 7.0	116080	P2772421	8.0 - 7.0	125080	P2772447
9.0 - 8.0	116090	P2772422	9.0 - 8.0	125090	P2772448
10.0 - 9.0	116100	P2772423	10.0 - 9.0	125100	P2772449
			11.0 - 10.0	125110	P2772450
			12.0 - 11.0	125120	P2772451
			13.0 - 12.0	125130	P2772452
			14.0 - 13.0	125140	P2772453
			15.0 - 14.0	125150	P2772454
			16.0 - 15.0	125160	P2772455

SK
(DIN 69871)

CBT
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BT
(JIS B6339/
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HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

ER COLLET (HIGH PRECISION)

ER SPANNZANGE - HP
ER PINCE DE SERRAGE - HP
ER PINZA DI SERRAGGIO - HP
ER PINZA PORTAPIEZAS - HP



Unit : mm

ER 8 HP			ER 11 HP			ER 16 HP			ER 20 HP		
CLAMPING RANGE	CODE No.	EDP No.	CLAMPING RANGE	CODE No.	EDP No.	CLAMPING RANGE	CODE No.	EDP No.	CLAMPING RANGE	CODE No.	EDP No.
1.0 - 0.5	208010H	P2506292H	1.0 - 0.5	211010H	P2506311H	1.0 - 0.5	216010H	P2506201H	2.0 - 1.0	220020H	P2506332H
1.5 - 1.0	208015H	P2506293H	1.5 - 1.0	211015H	P2506312H	2.0 - 1.0	216020H	P2506202H	3.0 - 2.0	220030H	P2506333H
2.0 - 1.5	208020H	P2506294H	2.0 - 1.5	211020H	P2506313H	3.0 - 2.0	216030H	P2506203H	4.0 - 3.0	220040H	P2506334H
2.5 - 2.0	208025H	P2506295H	2.5 - 2.0	211025H	P2506314H	4.0 - 3.0	216040H	P2506204H	5.0 - 4.0	220050H	P2506335H
3.0 - 2.5	208030H	P2506296H	3.0 - 2.5	211030H	P2506315H	5.0 - 4.0	216050H	P2506205H	6.0 - 5.0	220060H	P2506336H
3.5 - 3.0	208035H	P2506297H	3.5 - 3.0	211035H	P2506316H	6.0 - 5.0	216060H	P2506206H	7.0 - 6.0	220070H	P2506337H
4.0 - 3.5	208040H	P2506298H	4.0 - 3.5	211040H	P2506317H	7.0 - 6.0	216070H	P2506207H	8.0 - 7.0	220080H	P2506338H
4.5 - 4.0	208045H	P2506299H	4.5 - 4.0	211045H	P2506318H	8.0 - 7.0	216080H	P2506208H	9.0 - 8.0	220090H	P2506339H
5.0 - 4.5	208050H	P2506300H	5.0 - 4.5	211050H	P2506319H	9.0 - 8.0	216090H	P2506209H	10.0 - 9.0	220100H	P2506340H
			5.5 - 5.0	211055H	P2506320H	10.0 - 9.0	216100H	P2506210H	11.0 - 10.0	220120H	P2506341H
			6.0 - 5.5	211060H	P2506321H	1.5 - 1.0	216015H	P2778506H	12.0 - 11.0	220130H	P2506342H
			6.5 - 6.0	211065H	P2506322H	2.5 - 2.0	216025H	P2778507H	13.0 - 12.0	220140H	P2506343H
			7.0 - 6.5	211070H	P2506323H				1.0 - 0.5	220010H	P2506344H
STANDARD SET	208000H	P2506301H	STANDARD SET	211000H	P2506302H	STANDARD SET	216000H	P2506303H	STANDARD SET	220000H	P2506304H
Ø1.0 - 5.0mm			Ø1.0 - 7.0mm			Ø1.0 - 10.0mm			Ø2.0 - 13.0mm		
9pcs			13pcs			10pcs			12pcs		
WOODEN TRAY ZWT 8	108110		WOODEN TRAY ZWT 11	11110		WOODEN TRAY ZWT 16	016110		WOODEN TRAY ZWT 20	020110	

► Inch type collets are available.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



ER COLLET
CHUCK

PART

ER NUT

ER NUSS
ER ÉCROU
ER DADO
ERTUERCA



■ XSQ-RT (Sealing Disk Type : Hex.)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RT16	P2777009	M22×1.50	28.0	22.5
XSQ-RT20	P2777010	M25×1.50	34.0	24.0



■ XSQ-RUT (Sealing Disk Type : Round)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RUT16	P2777011	M22×1.50	32.0	22.5
XSQ-RUT20	P2777012	M25×1.50	35.0	24.0
XSQ-RUT25	P2777013	M32×1.50	42.0	25.0
XSQ-RUT32	P2777014	M40×1.50	50.0	27.5
XSQ-RUT40	P2777015	M50×1.50	63.0	30.5



■ XSQ-RSU (Sleeve Bearing Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RSU16	P2777016	M22×1.50	32.0	18.0
XSQ-RSU20	P2777017	M25×1.50	35.0	20.0
XSQ-RSU25	P2777018	M32×1.50	42.0	20.5
XSQ-RSU32	P2777019	M40×1.50	50.0	23.0
XSQ-RSU40	P2777020	M50×1.50	63.0	26.0



■ XSQ-RST (Sleeve Bearing / Sealing Disk Type : Hex.)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RST16	P2777021	M22×1.50	28.0	22.5
XSQ-RST20	P2777022	M25×1.50	34.0	24.5



■ XSQ-RSUT (Sleeve Bearing / Sealing Disk Type : Round)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RSUT16	P2777023	M22×1.50	32.0	22.5
XSQ-RSUT20	P2777024	M25×1.50	35.0	24.5
XSQ-RSUT25	P2777025	M32×1.50	42.0	25.0
XSQ-RSUT32	P2777026	M40×1.50	50.0	27.5
XSQ-RSUT40	P2777027	M50×1.50	63.0	30.5

D306

phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions

 YG-1 CO., LTD.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



ER COLLET
CHUCK

PART

ER NUT

ER NUSS
ER ÉCROU
ER DADO
ERTUERCA



■ XSQ-RM (Mini Nut : Standard Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-R08M	P2777038	M10×0.75	12.0	11.0
XSQ-R11M	P2777039	M13×0.75	16.0	12.0
XSQ-R16M	P2777040	M19×1.00	22.0	18.0
XSQ-R20M	P2777041	M24×1.00	28.0	19.5
XSQ-R25M	P2777042	M30×1.00	35.0	20.5



■ XSQ-RTM (Mini Nut : Sealing Disk Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RT16M	P2777043	M19×1.00	22.0	22.5
XSQ-RT20M	P2777044	M24×1.00	28.0	24.0
XSQ-RT25M	P2777045	M30×1.00	35.0	25.0

D307

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 YG-1 CO., LTD.

YG ER COLLET
CHUCK

PART/DS

ER NUT & SEALING DISK

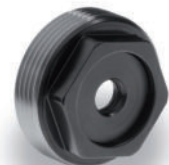
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■ XSQ-RA (External Thread Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RA11	P2777046	M18×1.00	18.0	6.0
XSQ-RA16	P2777047	M24×1.00	24.0	8.0
XSQ-RA20	P2777048	M28×1.50	28.0	11.0
XSQ-RA25	P2777049	M32×1.50	32.0	12.5



■ XSQ-RAT (External Thread / Sealing Disk Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RAT16	P2777052	M24×1.00	24.0	11.0
XSQ-RAT20	P2777053	M28×1.50	28.0	12.5
XSQ-RAT25	P2777054	M32×1.50	32.0	14.0
XSQ-RAT32	P2777001	M40×1.50	40.0	17.5

* Without sealing disk



■ SEALING DISK

Unit : mm

MODEL No.	EDP No.	Dia.	INNER DIA. (Step : 0.5mm)	THICKNESS
DS16	P2777055	13.0	2.5 - 10	4.0
DS20	P2777056	16.0	2.5 - 13.0	4.0
DS25	P2777057	21.0	2.5 - 16.0	4.0
DS32	P2777058	27.0	2.5 - 20.0	4.0
DS40	P2777059	33.5	2.5 - 26.0	4.0
DS50	P2777060	31.0	3.5 - 25.0	4.0



■ SEALING DISK SET

Unit : mm

MODEL No.	EDP No.	Dia.	THICKNESS	INNER DIA. RANGE	SEALING DISKS / SET
DS16S2	P2777061	13.0	4.0	4.0 ~ 10.0	7pcs / set
DS20S2	P2777062	16.0	4.0	4.0 ~ 13.0	10pcs / set
DS25S2	P2777063	21.0	4.0	4.0 ~ 16.0	13pcs / set
DS32S2	P2777064	27.0	4.0	4.0 ~ 20.0	17pcs / set
DS40S2	P2777065	33.5	4.0	4.0 ~ 26.0	23pcs / set
DS50S2	P2777066	31.0	4.0	4.0 ~ 25.0	22pcs / set

YG ER COLLET
CHUCK

SP

ER SPANNER / WRENCH

ER MAULSCHLÜSEL
ER CL
ER CHIAVE
ER LLAVE



FIG.1



FIG.2



■ FOR ER / SKN NUT

Unit : mm

MODEL No.	EDP No.	A	B	APPLICABLE NUT
ER11SP	P2772601	-	-	ER11
ER16SP	P2772602	50	160	ER16
ER20SP	P2772603	55	180	ER20 (FIG.1)
ER25SP	P2772604	65	210	ER25
ER32SP	P2772605	75	250	ER32 (FIG.2)
ER40SP	P2772606	90	290	ER40 (FIG.2)
ER50SP	P2772612	110	350	ER50 (FIG.2)

► Design and shape could be changed without prior notice.

■ FOR ER Mini NUT

Unit : mm

MODEL No.	EDP No.	A	B	APPLICABLE NUT
GE8M	P2772608	12.4	70	ER8M
GE11M	P2772609	16.8	90	ER11M
GE16M	P2772610	22.5	110	ER16M
GE20M	P2772611	29.0	120	ER20M
GE25M	P2772607	36.0	130	ER25M

► Design and shape could be changed without prior notice.

TOOLING SYSTEM

SK (DIN 69871)
CBT (BT DUAL CONTACT)
BT (JIS B6339/ MAS 403)
HSK (DIN 69893/ ISO 12164)
STRAIGHT
ISO, NT, MTA/MTB, GOST
TOOL HOLDER SET
BORING SYSTEM
ACCESSORY & PARTS

YG

END MILL HOLDER & SIDE LOCK ARBOR

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

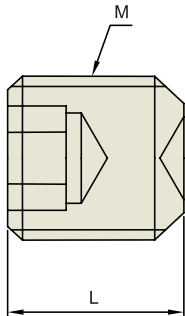
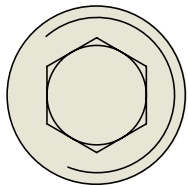
TOOL HOLDER SET

BORING SYSTEM

ACCESSORY & PARTS

SIDE LOCK BOLT

ER NUSS
ER ÉCROU
ER DADO
ERTUERCA



Unit : mm

EMH & SLA ID	EMH			SLA		
	M	EDP No.	L	M	EDP No.	L
6	M6x1.0	P2778088	10.5	M5x0.8	P2778079	8
8	M8x1.25	P2778089	10.5	M6x1.0	P2778080	10
10	M10x1.5	P2778090	12.5	M8x1.25	P2778081	12
12	M12x1.75	P2778091	16.5	M10x1.5	P2778082	14
14	M12x1.75	P2778092	15	M10x1.5	P2778082	14
16	M14x2.0	P2778093	16.5	M12x1.75	P2778083	12
18	M14x2.0	P2778093	16.5	-	-	-
20	M16x2.0	P2778094	16.5	M12x1.75	P2778084	16
25	M18x2.0	P2778095	20.5	M14x2.0	P2778085	14
32	M20x2.0	P2778096	20.5	M16x2.0	P2778086	16
40	M20x2.0	P2778096	20.5	M16x2.0	P2778086	16
42	-	-	-	M16x2.0	P2778086	16
50	M24x2.0	P2778098	25.5	-	-	-
50.8	-	-	-	M20x2.5	P2778087	25

TOOLING SYSTEM

SK (DIN 69871)
CBT (BT DUAL CONTACT)
BT (JIS B6339/ MAS 403)
HSK (DIN 69893/ ISO 12164)
STRAIGHT
ISO, NT, MTA/MTB, GOST
TOOL HOLDER SET
BORING SYSTEM
ACCESSORY & PARTS

YG

SHELL MILL ARBOR

SK (DIN 69871)

CBT (BT DUAL CONTACT)

BT (JIS B6339/ MAS 403)

HSK (DIN 69893/ ISO 12164)

STRAIGHT

ISO, NT, MTA/MTB, GOST

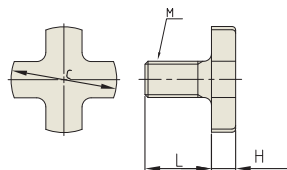
TOOL HOLDER SET

BORING SYSTEM

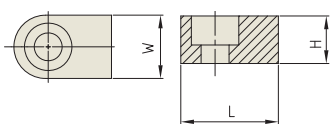
ACCESSORY & PARTS

COLLAR BOLT & DRIVE KEY

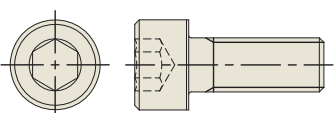
COLLAR BOLT



DRIVE KEY



KEY BOLT



Unit : mm

SPIGOT Dia.	COLLAR BOLT			DRIVE KEY		KEY BOLT	
	SPEC.	EDP No.	Head Dia.(C)	SPEC.(W x H x L)	EDP No.	SPEC.	EDP No.
16	M8 x 1.25 x 16L	P2514051	20	8 x 7 x 12.8	P2778857	M3x0.5x10L	P2778875
22	M10 x 1.5 x 18L	P2514052	28	10 x 7.8 x 15.5	P2778858	M4x0.7x10L	P2778864
27	M12 x 1.75 x 22L	P2514053	35	12 x 9 x 18.5	P2778859	M5x0.8x12L	P2778865
32	M16 x 2.0 x 26L	P2514054	42	14 x 11.5 x 20.5	P2778860	M6x1.0x15L	P2778866
40	M20 x 2.5 x 30L	P2514055	52	16 x 13.5 x 23.5	P2778861	M6x1.0x15L	P2778866
50	M24 x 3.0 x 36L	P2514056	63	18 x 18 x 28.5	P2778862	M6x1.0x20L	P2778868

SPIGOT Dia.	COLLAR BOLT			DRIVE KEY		KEY BOLT	
	SPEC.	EDP No.	Head Dia.(C)	SPEC.(W x H x L)	EDP No.	SPEC.	EDP No.
16	M8 x 1.25 x 16L	P2514051	20	8 x 9.7 x 10	P2778876	M3x0.5x12L	P2778881
22	M10 x 1.5 x 18L	P2514052	28	10 x 10.8 x 11.2	P2778877	M4x0.7x12L	P2778882
27	M12 x 1.75 x 22L	P2514053	35	12 x 12.6 x 13.6	P2778878	M5x0.8x15L	P2778883
32	M16 x 2.0 x 26L	P2514054	42	14 x 14 x 21	P2778879	M6x1.0x15L	P2778866
40	M20 x 2.5 x 30L	P2514055	52	16 x 16 x 21	P2778880	M6x1.0x15L	P2778866

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YG-1 CO., LTD.

D311

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS

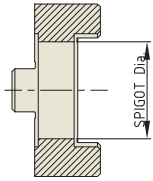


COMBI-SHELL
MILL ARBOR

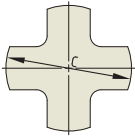
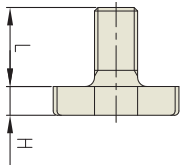
PART

DRIVE RING, BOLT & KEY

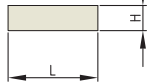
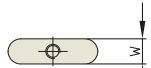
CLUTCH DRIVE RING



COLLAR BOLT



KEY



Unit : mm

SPIGOT Dia.	CLUTCH DRIVE RING		COLLAR BOLT			KEY	
	SPEC.	EDP No.	SPEC.	EDP No.	Head Dia.(C)	SPEC.(W x H x L)	EDP No.
16	#16	P2514063	M8×1.25×16	P2778869	20	4×4×20	P2514057
22	#22	P2514064	M10×1.5×18	P2778870	28	6×6×25	P2514058
27	#27	P2514065	M12×1.75×22	P2778871	35	7×7×25	P2514059
32	#32	P2514066	M16×2.0×26	P2778872	42	8×7×28	P2514060
40	#40	P2514067	M20×2.5×30	P2778873	52	10×8×32	P2514061
50	#50	P2514068	M24×3.0×36	P2778874	63	12×8×36	P2514062

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

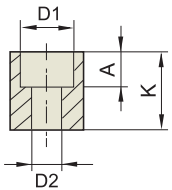
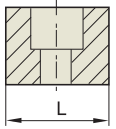
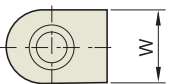
ACCESSORY
& PARTS



FACE MILL
ARBOR

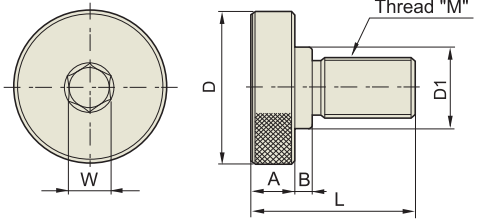
PART

DRIVE KEY & MOUNTING BOLT



Unit : mm

KEY	EDP No.	W	K	L	D1	D2	A	APPLICABLE ARBOR
9.52 x 9.52 x 10.2	P2774753	9.52	9.52	10.2	7.5	4.5	5.2	FMA25.4 / FMB25.4
9.5 x 12 x 11	P2774754	9.5	12	11	7.5	4.2	5	FMC25.4
10 x 10 x 11	P2774756	10	10	11	7.5	4.2	5	FMC22
12 x 13 x 18	P2774758	12	13	18	9	5.3	8	FMB27 / FMC27
12.7 x 12.7x 12.7	P2774760	12.7	12.7	12.7	8.7	5.5	6	FMA31.75
15.87 x 15.87x 18.5	P2774761	15.87	15.87	18.5	10.3	6.6	7.5	FMA38.1/ FMB40 / FMB40F
14 x 15 x 20	P2774762	14	15	20	10.5	6.3	7	FMC32
25.4 x 22.5 x 27	P2774773	25.4	22.5	27	16.5	10.5	11	FMA47.625 / FMB60
19.05 x 18 x 22	P2774774	19.05	18	22	14	8.6	9	FMA50.8



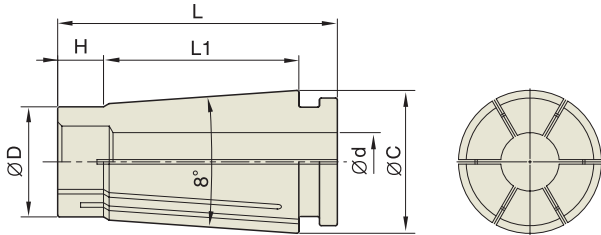
Unit : mm

MOUNTING BOLT	EDP No.	M	D	D1	L	A	B	W	APPLICABLE ARBOR
MB8	P2774765	8 x 1.25	20	15	23	7	2	6	FMC16
MB10	P2774766	10 x 1.5	28	18	29	9	2	8	FMC22
MB12	P2774767	12 x 1.75	33	23	32	10	2	10	FMC27 / FMB27 / FMA25.4
MB16	P2774768	16 x 2.0	40	23	42	10	6	12	FMC32 / FMA31.75
MB20	P2774769	20 x 2.5	50	27	54	14	6	14	FMC40 / FMA38.1 / FMB40 / FMB40F
MB24	P2774770	24 x 3.0	65	37	62	14	10	17	FMA50.8

TOOLING
SYSTEM

SK COLLET

SK SCHLANKE FUTTER
MANDRIN TYPE SK MINCE
SK MANDRINI SOTTILI
PORTAHERRAMIENTAS SK EJE REDUCIDO



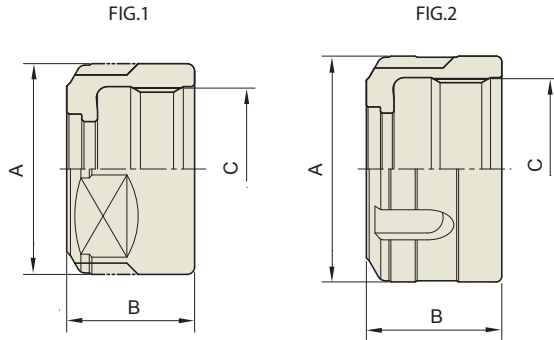
◇ T.I.R : ≤0.005mm at 3D

				Unit : mm			
TYPE	MODEL No.	EDP No.	CLAMPING RANGE (d)	TYPE	MODEL No.	EDP No.	CLAMPING RANGE (d)
SKC16	SKC16-3	P2730810	2.75 - 3.0	SKC20	SKC20-4	P2730830	3.5 - 4.0
	SKC16-3.5	P2773613	3.0 - 3.5		SKC20-4.5	P2773632	4.0 - 4.5
	SKC16-4	P2730812	3.5 - 4.0		SKC20-5	P2773633	4.5 - 5.0
	SKC16-4.5	P2773614	4.0 - 4.5		SKC20-5.5	P2773634	5.0 - 5.5
	SKC16-5	P2773615	4.5 - 5.0		SKC20-6	P2730832	5.5 - 6.0
	SKC16-5.5	P2773616	5.0 - 5.5		SKC20-6.5	P2773635	6.0 - 6.5
	SKC16-6	P2730814	5.5 - 6.0		SKC20-7	P2773636	6.5 - 7.0
	SKC16-6.5	P2773617	6.0 - 6.5		SKC20-7.5	P2773637	7.0 - 7.5
	SKC16-7	P2773618	6.5 - 7.0		SKC20-8	P2730834	7.5 - 8.0
	SKC16-7.5	P2773619	7.0 - 7.5		SKC20-8.5	P2773638	8.0 - 8.5
	SKC16-8	P2730816	7.5 - 8.0		SKC20-9	P2773639	8.5 - 9.0
	SKC16-8.5	P2773620	8.0 - 8.5		SKC20-9.5	P2773640	9.0 - 9.5
	SKC16-9	P2773621	8.5 - 9.0		SKC20-10	P2730836	9.5 - 10.0
	SKC16-9.5	P2773622	9.0 - 9.5		SKC20-10.5	P2773641	10.0 - 10.5
	SKC16-10	P2730818	9.5 - 10.0		SKC20-11	P2773642	10.5 - 11.0
	SKC16-10.5	P2773623	10.0 - 10.5		SKC20-11.5	P2773643	11.0 - 11.5
SKC16-11	P2773624	10.5 - 11.0	SKC20-12	P2730838	11.5 - 12.0		
SKC16-11.5	P2773625	10.0 - 11.5	SKC20-12.5	P2773644	12.0 - 12.5		
SKC16-12	P2730820	11.5 - 12.0	SKC20-13	P2773645	12.5 - 13.0		
SKC16-12.5	P2773626	12.0 - 12.5	SKC20-13.5	P2773646	13.0 - 13.5		
SKC16-13	P2773627	12.5 - 13.0	SKC20-14	P2730840	13.5 - 14.0		
SKC16-13.5	P2773628	13.0 - 13.5	SKC20-14.5	P2773647	14.0 - 14.5		
SKC16-14	P2773822	13.5 - 14.0	SKC20-15	P2773648	14.5 - 15.0		
SKC16-14.5	P2773629	14.0 - 14.5	SKC20-15.5	P2773649	15.0 - 15.5		
SKC16-15	P2773630	14.5 - 15.0	SKC20-16	P2730842	15.5 - 16.0		
SKC16-15.5	P2773631	15.0 - 15.5	SKC20-16.5	P2773650	16.0 - 16.5		
SKC16-16	P2730824	15.5 - 16.0	SKC20-17	P2773651	16.5 - 17.0		
			SKC20-17.5	P2773652	17.0 - 17.5		
			SKC20-18	P2730844	17.5 - 18.0		
			SKC20-18.5	P2773653	18.0 - 18.5		
			SKC20-19	P2773654	18.5 - 19.0		
			SKC20-19.5	P2773655	19.0 - 19.5		
			SKC20-20	P2730846	19.5 - 20.0		

TOOLING
SYSTEM

SK NUT & SPANNER

SKN NUSS
SKN ÉCROU
SKN DADO
SKN TUERCA



Unit : mm						
TYPE	MODEL No.	A	B	C	FIG.	WEIGHT (Kg)
SKN06	P2773581	20	15	M15.5 x 1.0	1	0.02
SKN10	P2773582	28	17	M21.5 x 1.0	1	0.04
SKN13	P2773583	33	21	M27 x 1.0	2	0.05
SKN16	P2773584	40	24	M32 x 1.5	2	0.06
SKN20	P2773585	48.5	24	M40 x 1.0	2	0.08
SKN25	P2773586	55	30	M45 x 1.5	2	0.10



MODEL No.	MODEL No.
TSK6	P2773588
TSK10	P2773589
TSK13	P2773590
TSK16	P2773591
TSK20	P2773587
TSK25	P2773592

► Design and shape could be changed without prior notice.

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D317

TOOLING
SYSTEM

Y/G

TAPPING
CHUCK

TC

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

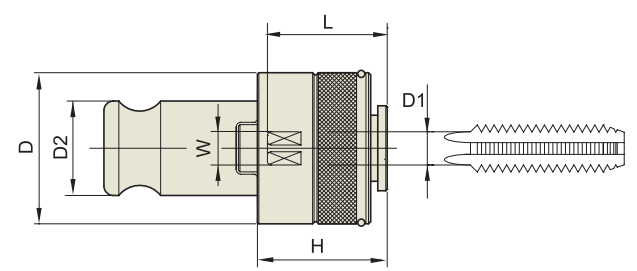
BORING
SYSTEM

ACCESSORY
& PARTS

TAP ADAPTOR (JIS)

SCHNELLWECHSEL-EINSATZ
ADAPTATEUR CHANGEMENT RAPIDE
BUSSOLA A INNESTO RAPIDO
INSERTO DE CAMBIO RAPIDO





Below standard Tap Adaptor conforms to JIS.

Unit : mm

TAPER No.	MODEL No.	EDP No.	D	D1 (Ø)	D2	H	W(□)	L	WEIGHT (Kg)
TCS12	TCS12-M3	P2774651	32	4	19	25	3.2	24	0.18
	TCS12-M4	P2774652	32	5	19	25	4.	24	0.18
	TCS12-M5	P2774653	32	5.5	19	25	4.5	24	0.18
	TCS12-M6, U1/4	P2774654	32	6	19	25	4.5	24	0.18
	TCS12-M8	P2774655	32	6.2	19	25	5	25	0.18
	TCS12-M10, U3/8	P2774656	32	7	19	25	5.5	25	0.18
	TCS12-M12	P2774657	32	8.5	19	25	6.5	26	0.18
TCS24	TCS24-M6	P2774658	52	6	31	33	4.5	38	0.60
	TCS24-M8	P2774659	52	6.2	31	33	5	38	0.60
	TCS24-M10	P2774660	52	7	31	33	5.5	38	0.60
	TCS24-M12	P2774661	52	8.5	31	33	6.5	39	0.60
	TCS24-M14, U3/4	P2774662	52	10.5	31	33	8	41	0.60
	TCS24-M16	P2774663	52	12.5	31	33	10	43	0.60
	TCS24-M18, P3/8	P2774664	52	14	31	33	11	43	0.60
	TCS24-M20	P2774665	52	15	31	33	12	43.5	0.60
	TCS24-M22, U7/8	P2774666	52	17	31	33	13	46	0.60
	TCS24-M24, PF5/8	P2774667	52	19	31	33	15	46	0.60
TCS38	TCS38-M18	P2774668	72	14	48	45	11	43	1.80
	TCS38-M20	P2774669	72	15	48	45	12	43.5	1.80
	TCS38-M22	P2774670	72	17	48	45	13	45	1.80
	TCS38-M24	P2774671	72	19	48	45	15	45	1.80
	TCS38-M27, U1	P2774672	72	20	48	45	15	62	1.80
	TCS38-M30, PT3/4	P2774673	72	23	48	45	17	64	1.80
	TCS38-M33	P2774674	72	25	48	45	19	66	1.80
	TCS38-M36	P2774675	72	28	48	45	21	68	1.80
	TCS38-M38	P2774676	72	28	48	45	21	68	1.80

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

TOOLING
SYSTEM

Y/G

TAPPING
CHUCK

TC

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

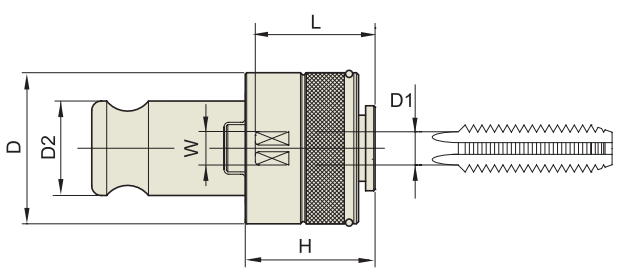
BORING
SYSTEM

ACCESSORY
& PARTS

TAP ADAPTOR (DIN)

SCHNELLWECHSEL-EINSATZ
ADAPTATEUR CHANGEMENT RAPIDE
BUSSOLA A INNESTO RAPIDO
INSERTO DE CAMBIO RAPIDO





Below standard Tap Adaptor conforms to DIN.

Unit : mm

TAPER No.	MODEL No.	EDP No.	D	D1 (Ø)	D2	H	W(□)	L	DIN No.	WEIGHT (Kg)
TSC12D	TCS12D-2821	P2774601	32	2.8	19	25	2.1	24	371	0.20
	TCS12D-3527	P2774602	32	3.5	19	25	2.7	24	371	0.20
	TCS12D-4534	P2774603	32	4.5	19	25	3.4	24	371	0.20
	TCS12D-43	P2774604	32	4	19	25	3	24	371	0.20
	TCS12D-5543	P2774605	32	5.5	19	25	4.3	25	376	0.20
	TCS12D-649	P2774606	32	6	19	25	4.9	25	371	0.20
	TCS12D-755	P2774607	32	7	19	25	5.5	25	376	0.20
	TCS12D-862	P2774608	32	8	19	25	6.2	25	371	0.20
	TCS12D-97	P2774609	32	9	19	25	7	26	376	0.20
	TCS12D-108	P2774610	32	10	19	25	8	26	371	0.20
	TCS12D-119	P2774611	32	11	19	25	9	26	376	0.20
TCS24D	TCS24D-649	P2774612	52	6	31	33	4.9	38	371	0.60
	TCS24D-755	P2774613	52	7	31	33	5.5	38	376	0.60
	TCS24D-862	P2774614	52	8	31	33	6.2	38	371	0.60
	TCS24D-97	P2774615	52	9	31	33	7	38	376	0.60
	TCS24D-108	P2774616	52	10	31	33	8	39	371	0.60
	TCS24D-119	P2774617	52	11	31	33	9	41	376	0.60
	TCS24D-129	P2774618	52	12	31	33	9	43	376	0.60
	TCS24D-1411	P2774619	52	14	31	33	11	43	376	0.60
	TCS24D-1612	P2774620	52	16	31	33	12	46	376	0.60
	TCS24D-18145	P2774621	52	18	31	33	14.5	46	376	0.60
TCS38D	TCS38D-119	P2774622	72	11	48	45	9	43	376	1.80
	TCS38D-129	P2774623	72	12	48	45	9	43	376	1.80
	TCS38D-1411	P2774624	72	14	48	45	11	45	376	1.80
	TCS38D-1612	P2774625	72	16	48	45	12	45	376	1.80
	TCS38D-18145	P2774626	72	18	48	45	14.5	62	376	1.80
	TCS38D-2016	P2774627	72	20	48	45	16	64	376	1.80
	TCS38D-2218	P2774628	72	22	48	45	18	66	376	1.80
	TCS38D-2520	P2774629	72	25	48	45	20	68	376	1.80
	TCS38D-2822	P2774630	72	28	48	45	22	68	376	1.80

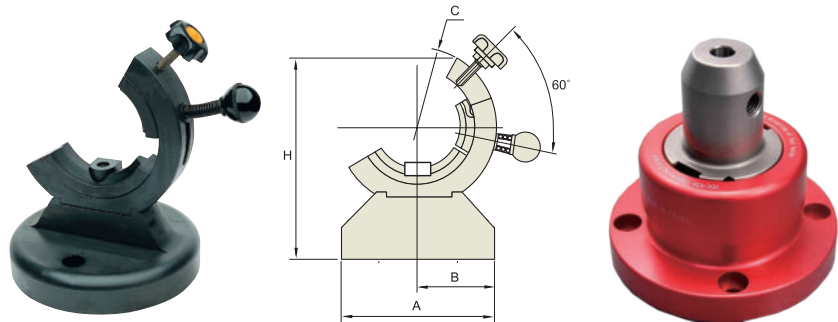
- Feature : Quick Change Type with Built-in Torque Safety Device.
- For Pipe Type Tap, please discuss separately.



TC

TOOL CLAMP

MONTAGEVORRICHTUNGEN
DISPOSITIF DE MONTAGE
ATTREZZO PER IL MONTAGGIO DI MANDRINI
SOPORTE PARA MONTAJE



- Flange Clamping Design

Unit : mm

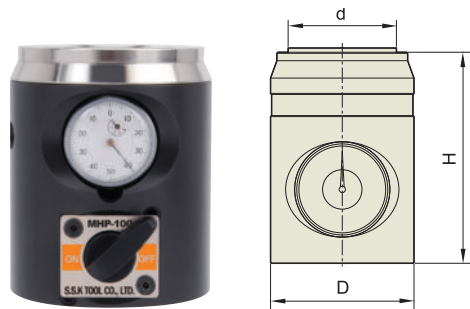
TAPER No.	MODEL No.	EDP No.	A	B	C	H	WEIGHT (Kg)
BT30	TCP30	P2775067	125	65	108	135	3.00
BT40	TCP40	P2775068	160	80	138	180	7.60
BT50	TCP50	P2775069	180	90	165	205	8.60
SK30	TSK30	P2775070	125	65	108	135	3.00
SK40	TSK40	P2775071	160	80	138	180	7.60
SK50	TSK50	P2775072	180	90	165	205	8.60
HSK32/40/50	THSK32/40/50	P2775073/P2775074/P2775075	125	65	108	135	-
HSK63	THSK63	P2775076	160	80	138	180	-
HSK100	THSK100	P2775077	180	90	165	205	-

► Tool clamp for CAT taper available.

HP

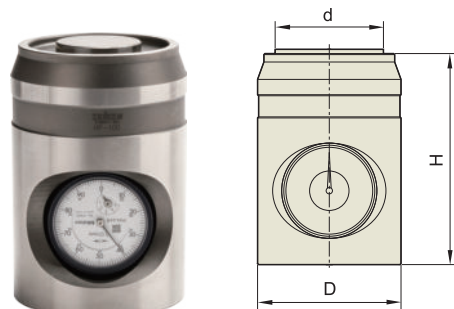
HEIGHT PRESETTER

• MAGNETIC HEIGHT PRESETTER



- Both vertical and horizontal type usable
- Slim design

• HEIGHT PRESETTER



- Exclusively for vertical

Unit : mm

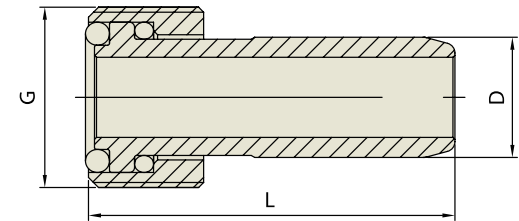
MODEL No.	MODEL No.	D	H	d	DIAL
MHP-100 (magnetic)	P2591001	76	100	33	0.01
HP-100	P2775901	68	100 / - 0.01	33	0.01



CT

COOLANT TUBE (For HSK TAPER)

ANZUGBOLZEN
BOULONS DE SERRAGE
TIRANTI PER MANDRINI UNIVERSALI
TIRANTES PARA PORTAHERRAMIENTAS

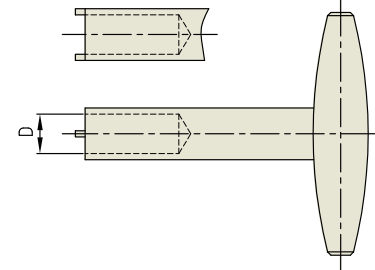


Unit : mm

TAPER No.	EDP No.	D	G
HSK32	P2775078	6	M10
HSK40	P2775079	8	M12
HSK50	P2775080	10	M16
HSK63	P2775081	12	M18
HSK80	P2775106	14	M20
HSK100	P2775082	16	M24

CTS

COOLANT TUBE SPANNER (For HSK TAPER)



Unit : mm

TAPER No.	EDP No.	D
HSK32	P2775103	6
HSK40	P2775104	8
HSK50	P2775089	10
HSK63	P2775087	12
HSK80	P2775105	14
HSK100	P2775090	16

► Design and shape could be changed without prior notice.

TOOLING
SYSTEM

SK
(DIN 69871)

CBT
(BT DUAL
CONTACT)

BT
(JIS B6339/
MAS 403)

HSK
(DIN 69893/
ISO 12164)

STRAIGHT

ISO, NT,
MTA/MTB,
GOST

TOOL
HOLDER
SET

BORING
SYSTEM

ACCESSORY
& PARTS



AB

ADJUST BOLT (For HSK MQL1)



FIG 1

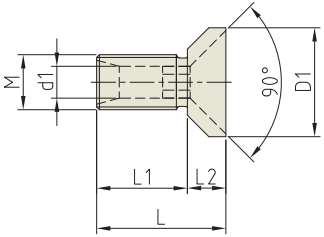
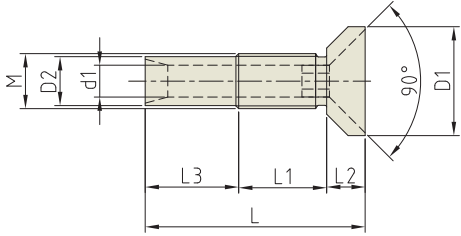


FIG 2



Unit : mm

DESCRIPTIONS	HOLDER I.D	EDP No.	L	L1	L2	L3	d1	D1	D2	M	FIG.
SHORT	6	P2775112	17.0	15.5	1.5	-	3.0	5.8	-	M5x0.8	1
	8	P2775113	18.0	15.5	2.5	-	3.5	7.8	-	M6x1.0	1
	10	P2775114	18.0	15.0	3.0	-	4.7	9.8	-	M8x1.0	1
	12	P2775115	18.0	15.0	3.0	-	5.8	11.8	-	M10x1.0	1
	14	P2775116	19.5	15.5	4.0	-	5.8	13.8	-	M10x1.0	1
	16	P2775117	22.0	17.0	5.0	-	5.8	15.8	-	M10x1.0	1
	18	P2775118	22.0	16.0	6.0	-	5.8	17.8	-	M10x1.0	1
	20	P2775119	23.5	16.5	7.0	-	5.8	19.8	-	M10x1.0	1
	25	P2775120	27.5	18.0	9.5	-	5.8	24.8	-	M10x1.0	1
	32	P2775121	30.5	17.5	13.0	-	5.8	31.8	-	M10x1.0	1
LONG	6	P2775122	34.0	32.5	1.5	15.0	3.0	5.8	4.1	M5x0.8	2
	8	P2775123	34.0	31.5	2.5	15.0	3.5	7.8	4.9	M6x1.0	2
	10	P2775124	35.0	32.0	3.0	15.0	4.7	9.8	6.9	M8x1.0	2
	12	P2775125	35.0	32.0	3.0	15.0	5.8	11.8	8.9	M10x1.0	2
	14	P2775126	35.5	31.5	4.0	15.0	5.8	13.8	8.9	M10x1.0	2
	16	P2775127	37.0	32.0	5.0	15.0	5.8	15.8	8.9	M10x1.0	2
	18	P2775128	37.5	31.5	6.0	15.0	5.8	17.8	8.9	M10x1.0	2
	20	P2775129	40.0	33.0	7.0	15.0	5.8	19.8	8.9	M10x1.0	2
	25	P2775130	44.0	34.5	9.5	15.0	5.8	24.8	8.9	M10x1.0	2
	32	P2775131	45.0	32.0	13.0	14.0	5.8	31.8	8.9	M10x1.0	2

YG-1 TOOLING SYSTEM

TECHNICAL
INFORMATION

MODEL NUMBERING SYSTEM & SURFACE FINISH

HYDRAULIC CHUCK

SHRINK FIT HOLDER

ER COLLET CHUCK

POWER MILLING CHUCK

TAPPING ER CHUCK & TAPPING CHUCK

NC DRILL CHUCK

BALANCING

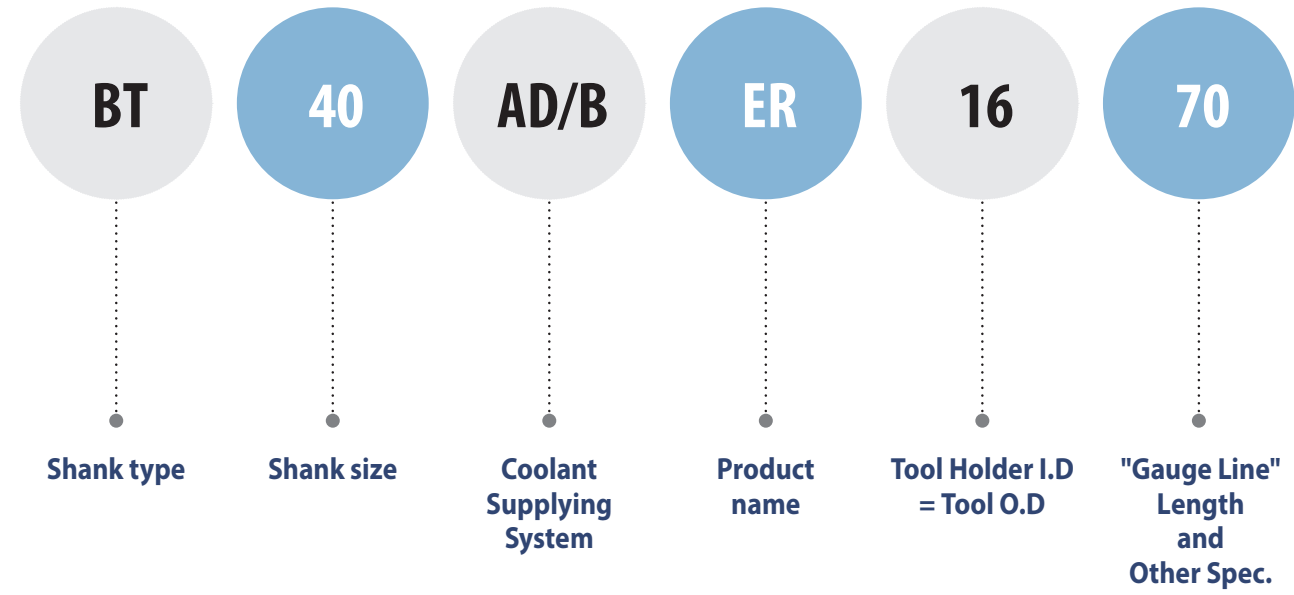
SHANK DATA

- SK (DIN 69871)
- BT (JIS B6339/MAS 403)
- HSK (DIN 69893/ISO 12164)
- ASME B5.50 (CAT)
- DIN 228 (MTA/MTB)

D324 phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions YG-1 CO., LTD. YG-1 CO., LTD. phone:+82-32-526-0909, www.yg1.solutions, E-mail:yg1@yg1.solutions D325

MODEL NUMBERING SYSTEM & SURFACE FINISH

▶ Model Numbering System

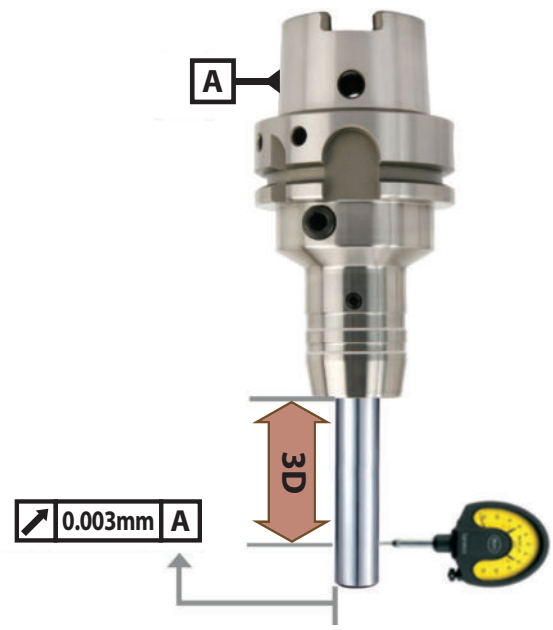


▶ Surface Finish



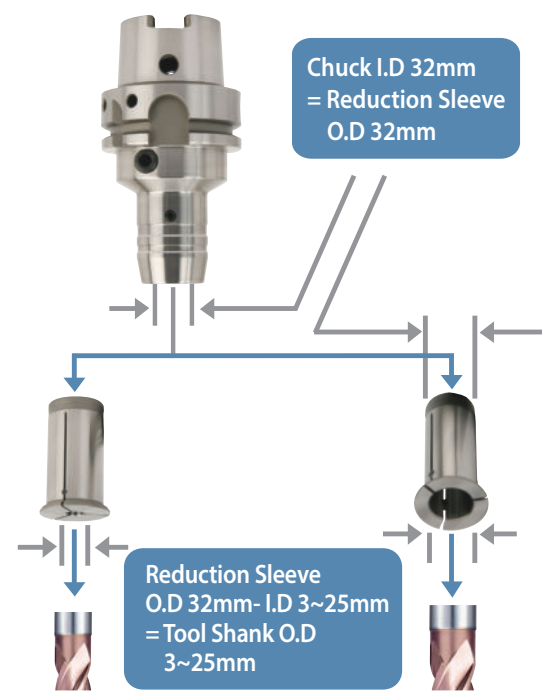
HYDRAULIC CHUCK

▶ High precision T.I.R :
≤ 0.003mm (Without Reduction Sleeve)

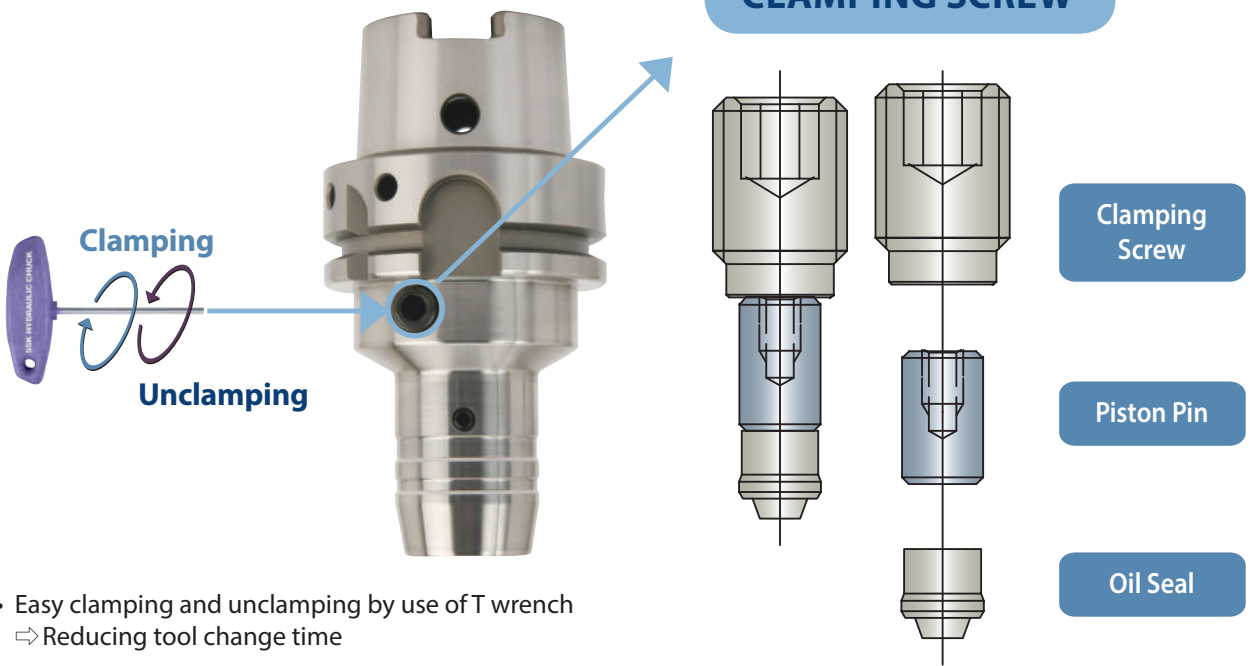


- Less than 0.003mm T.I.R
⇒ Suitable for High-Speed precision machining

▶ Flexible use of cutting tools by using of reduction sleeves



▶ Easy Tool Change



- Easy clamping and unclamping by use of T wrench
⇒ Reducing tool change time
- Supplied with clamping T-wrench.

HYDRAULIC CHUCK

► Strong Torque Power

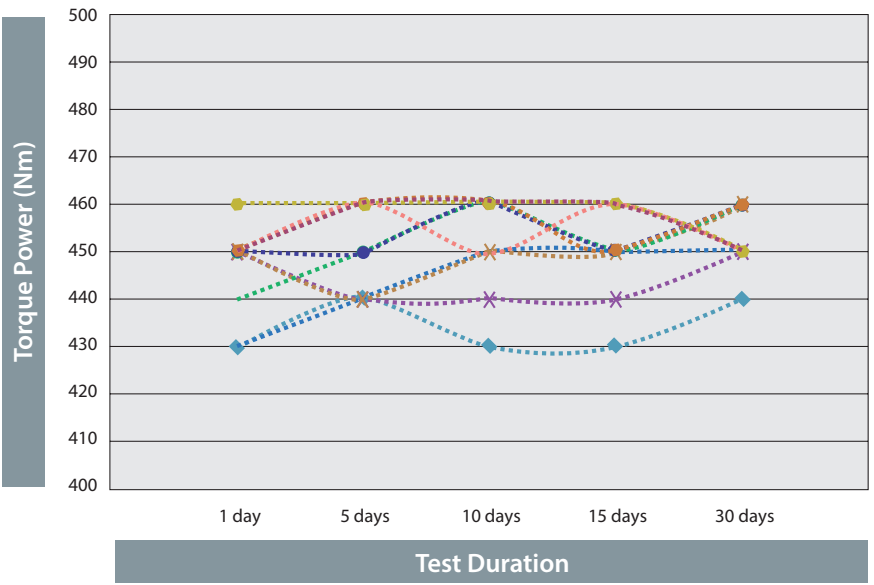
Hydraulic Chuck I.D (mm)	Tool Shank O.D (mm)	Applicable RPM	Minimum Clamping Depth (mm)		Min. Torque Power (Nm)	
			Standard	Power E Hydro	Standard	Power E Hydro
6	6	40,000	27		16	
8	8	40,000	27		23	
10	10	40,000	32		45	
12	12	40,000	37	41	90	110
14	14	40,000	37		110	
16	16	40,000	42		185	
18	18	40,000	42		240	
20	20	40,000	42	48	330	520
25	25	25,000	48		400	
32	32	25,000	55	57	650	900

- Tool Holder I.D Tolerance : H6
- Operating Temperature : 20~25℃
- Maximum pressure of coolant oil : 80bar



► Test of Torque Power and Hydraulic Oil Leakage

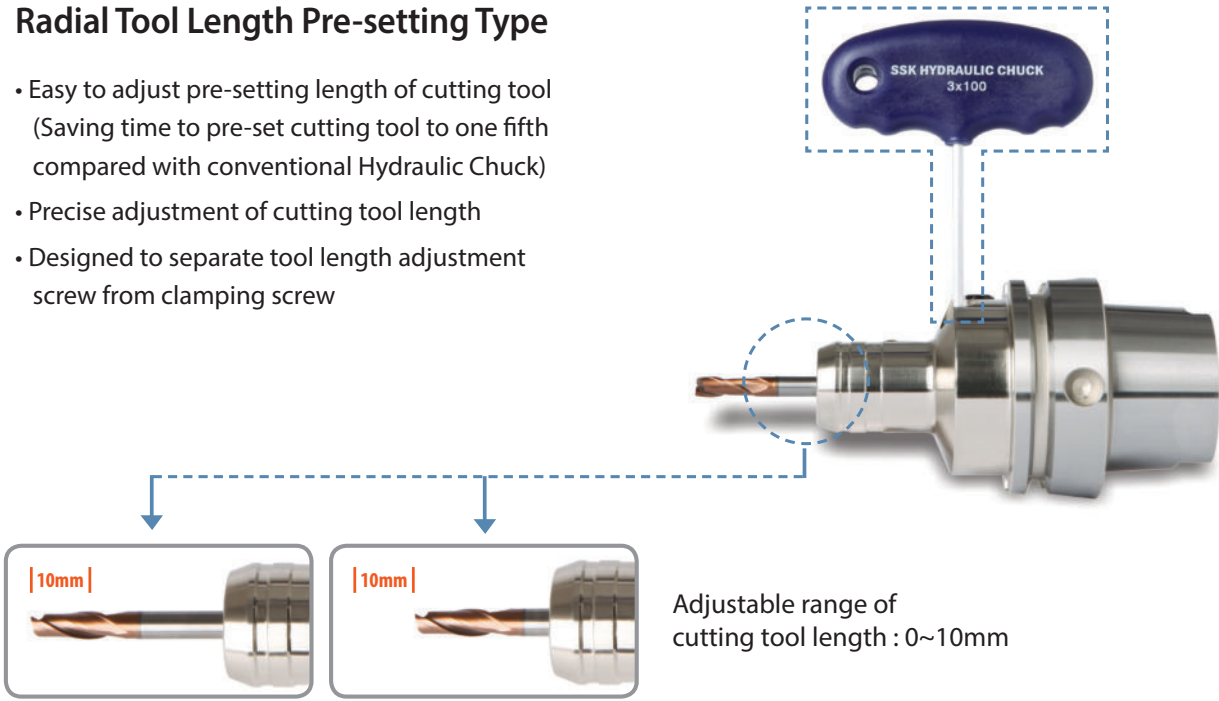
- Test Model : BT40 AD/B-HC 20-90
- No oil leakage for long period ⇒ Maintaining stable torque power



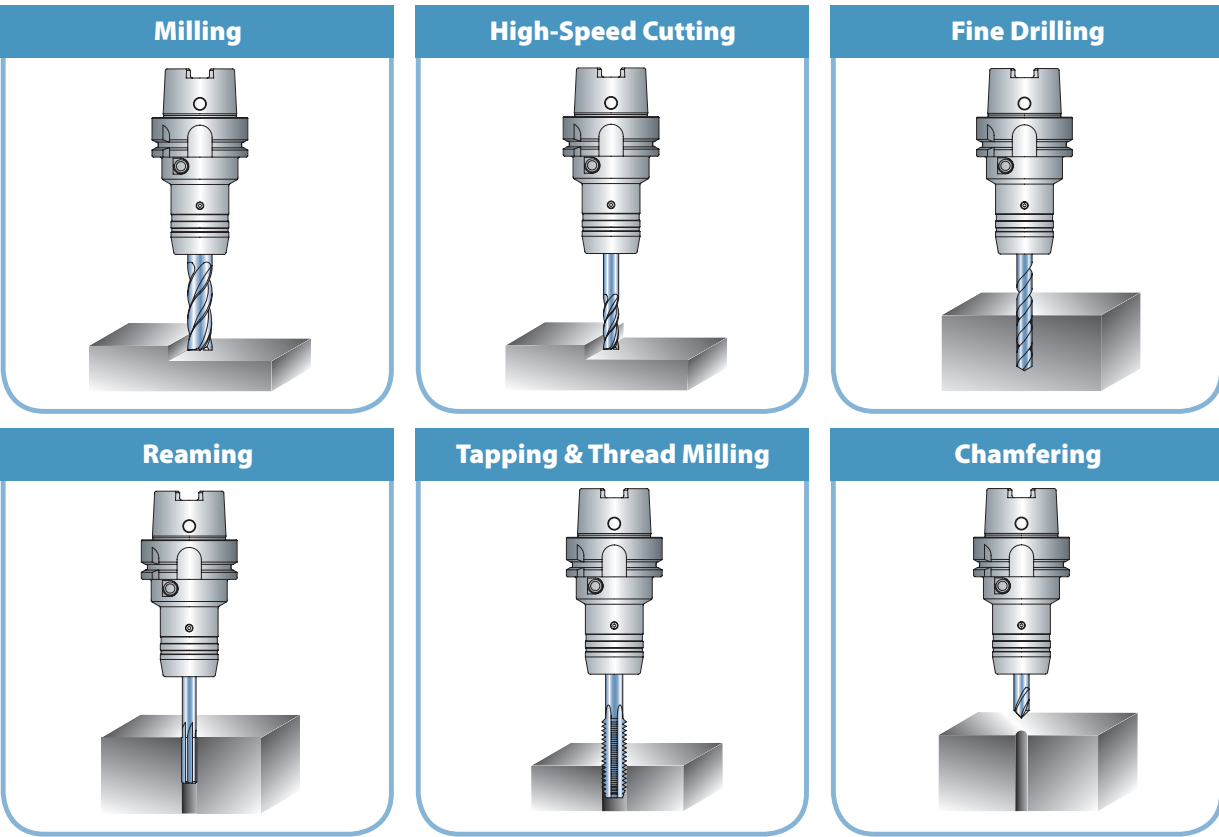
HYDRAULIC CHUCK

► Radial Tool Length Pre-setting Type

- Easy to adjust pre-setting length of cutting tool (Saving time to pre-set cutting tool to one fifth compared with conventional Hydraulic Chuck)
- Precise adjustment of cutting tool length
- Designed to separate tool length adjustment screw from clamping screw

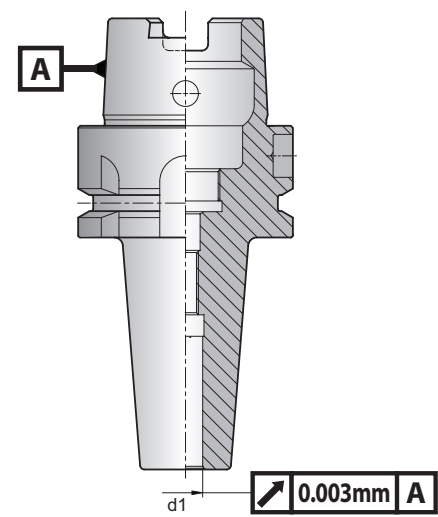


► Application



SHRINK FIT HOLDER

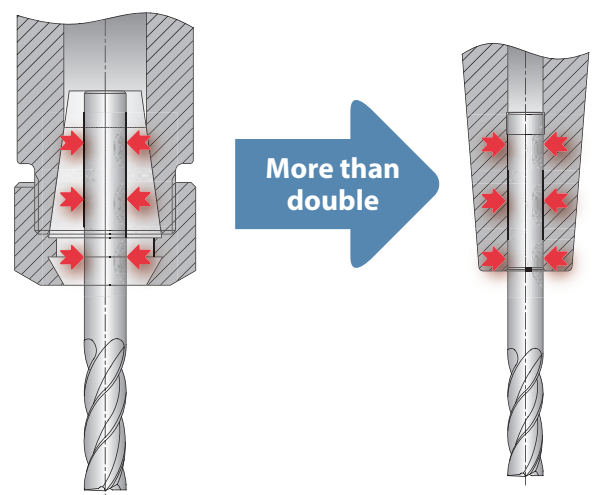
- ▶ High Precision I.D
Run-Out : $\leq 0.003\text{mm}$



- Less than 0.003mm of Tool Holder accuracy at I.D

- ▶ Strong and Consistent Torque Power

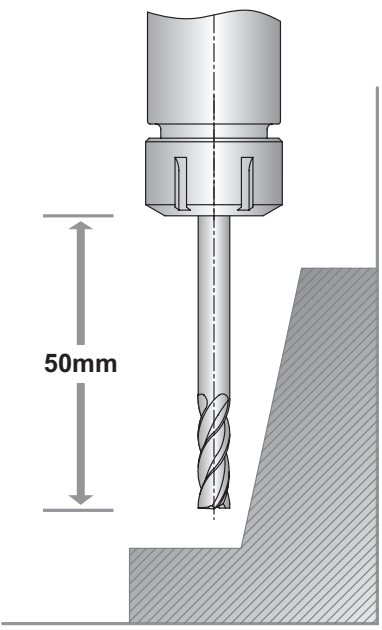
COLLET CHUCK SHRINK FIT HOLDER



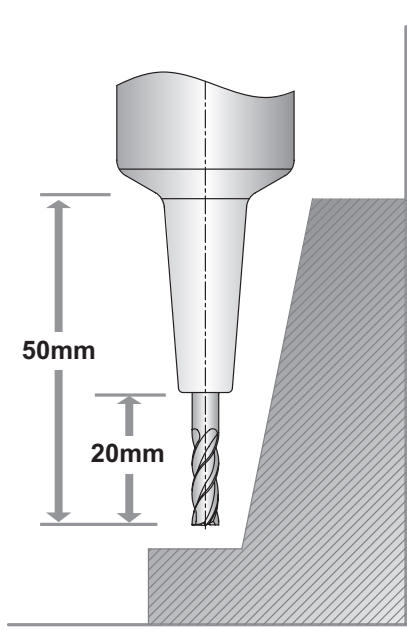
- Achieving strong torque power by integration of chuck and tool

- ▶ Deep hole Machining

COLLET CHUCK



SHRINK FIT HOLDER



More favorable in deep hole machining

- Suitable for High-Speed precision deep hole machining

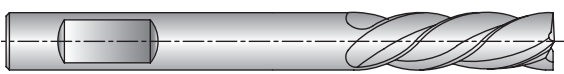
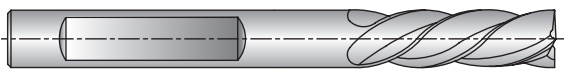
SHRINK FIT HOLDER

- ▶ Shank Type of Cutting Tool

STRAIGHT SHANK

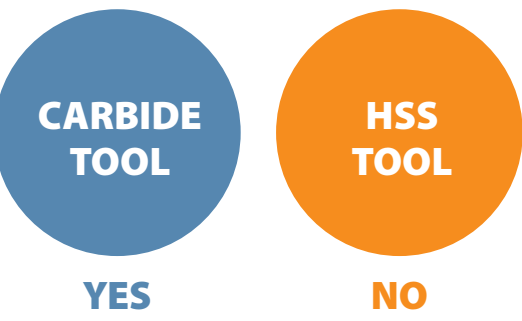


ONE WELDON FLAT SHAFT TYPE

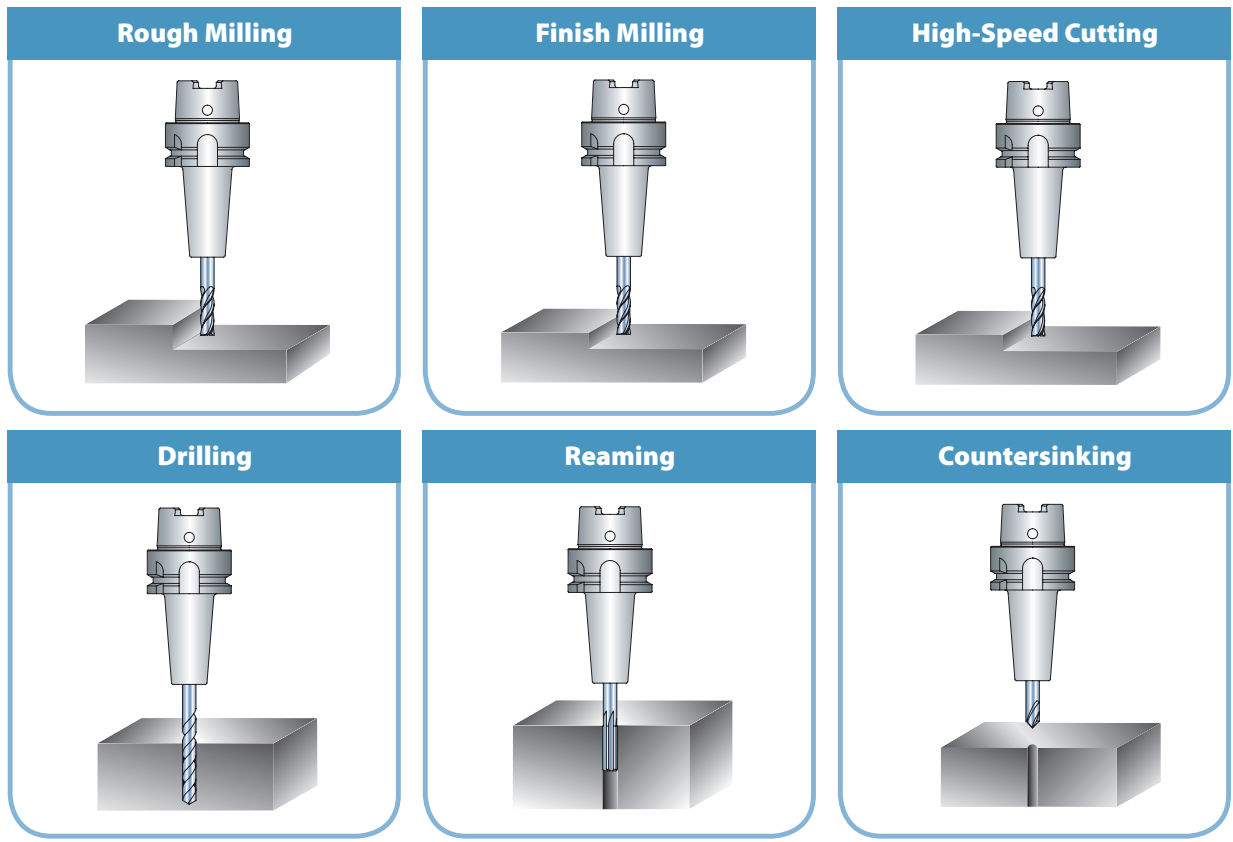


- One Weldon flat shaft type tool is usable, but there is a possibility that the I.D of Shrink Fit Holder may be deformed.

- ▶ Material of Cutting Tool



- ▶ Application



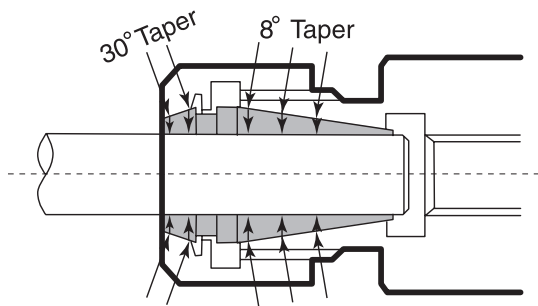
ER COLLET CHUCK

► Feature

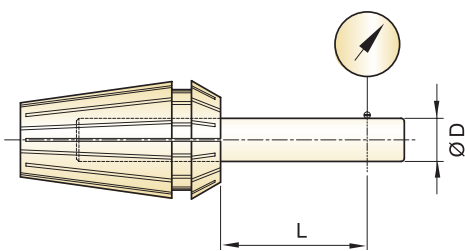
- Powerful chucking, high precision and easy operation
- Precise machining is stably maintained without chattering in High-Speed rotation.
- Due to nut designed with small bore, interference with work piece can be minimized and it enables speedy operation.
- Various nuts can be selected and used according to usage.
- Unlike single taper, double taper has long chucking part providing excellent torque power.

► Strong Torque Power

- Longer clamping part of double taper collet provides stronger torque power.
- Stronger torque power can be achieved if ball bearing nut is used.



► Standard Precision



Unit : mm

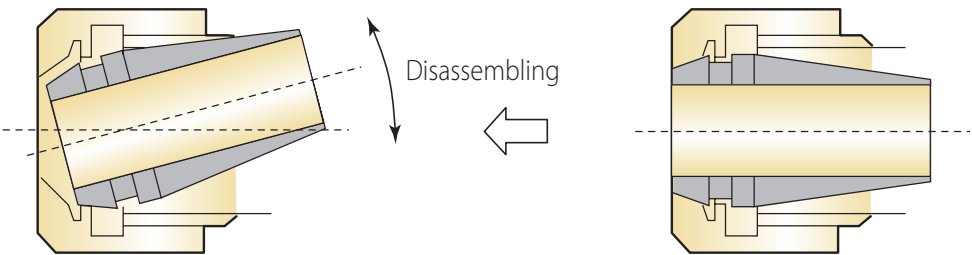
D	L	Max. T.I.R (STD.)
Ø1 ~ Ø1.6	6	0.015
Ø1.6 ~ Ø3	10	0.015
Ø3 ~ Ø6	16	0.015
Ø6 ~ Ø10	25	0.015
Ø10 ~ Ø18	40	0.020
Ø18 ~ Ø26	50	0.020
Ø26 ~ Ø34	60	0.020

- By using high precision collet, excellent T.I.R can be achievable
- With fine cutting of 16 sections, it has excellent contractile force, which makes higher precision can be achieved

ER COLLET CHUCK

► Easy Assembling & Disassembling

- For assembling or disassembling of collet, first gently insert groove part of collet into eccentric portion inside nut, and fasten it to same direction as screw or loosen it reversely.
- Notice : In case of Ø12.2mm tool, don't use Ø12~11mm collet.
But use collet with Ø12.5~11.5mm. (In case of general cutting process, Ø13~12mm collet is usable)



► Recommended Tightening Torque for the Collet Nut

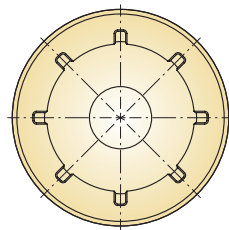
Collet Chuck Size	Clamping Range (mm)	Max. Tightening Torque (Nm)	Collet Chuck Size	Clamping Range (mm)	Max. Tightening Torque (Nm)
ER11	1.0 ~ 2.9	8	ER25	1.0 ~ 3.5	24
	3.0 ~ 7.0	24		4.0 ~ 4.5	56
ER16	1.0	8		5.0 ~ 7.5	80
	1.5 ~ 3.5	20	ER32	8.0 ~ 17.0	104
	4.0 ~ 4.5	40		2.0 ~ 2.5	24
	5.0 ~ 10.0	56	ER40	3.0 ~ 22.0	136
ER20	1.0	16		3.0 ~ 26.0	176
	1.5 ~ 6.5	32	ER50	6.0 ~ 36.0	240
	7.0 ~ 13.0	80			

► Recommended Tightening Torque for the Collet Nut (Slim Type)

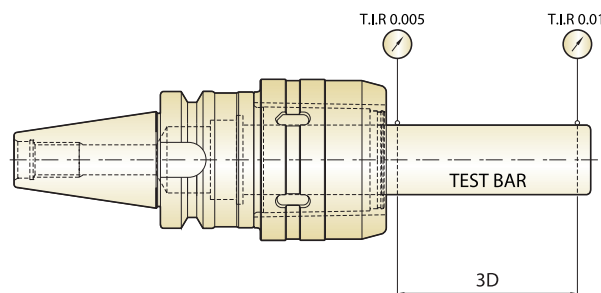
Collet Chuck Size	Clamping Range (mm)	Max. Tightening Torque (Nm)	Collet Chuck Size	Clamping Range (mm)	Max. Tightening Torque (Nm)
ER8M	0.2 ~ 5.0	6	ER20M	1.0	16
ER11M	0.2 ~ 2.9	8		1.5 ~ 13.0	28
	3.0 ~ 7.0	16	ER25M	1.0 ~ 3.5	18
ER16M	0.2 ~ 1.0	8		4.0 ~ 17.0	24
	1.5 ~ 3.5	20			
	4.0 ~ 10.0	24			

POWER MILLING CHUCK

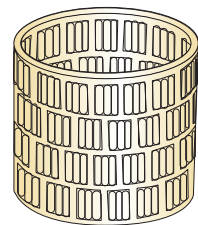
- Rigidity is strengthened through slot made at inside milling chuck, which prevents deformation of milling chuck. Smooth cutting is achieved by maximizing end mill clamping power.
- Enough thickness of clamping part prevents chattering and ensures durability.



- High precision can be achieved through accurate roundness of clamping part, deburred surface and rigidity. (deviation of concentricity : below 2, roughness : below RZ B1.0~1.5)
- Maintaining T.I.R not exceeding 0.01mm at 3D from nose part.



- 160% more of bearings are used in needle roller than other make's chucks, which provides strong clamping power and high durability by dispersing surface pressure even in case strong load is applied.



▶ In order to improve durability, YG-1 Milling Chuck is passed through following processes.

- "Normalizing" treatment for unifying material composition and removal internal stress.
- Ultralow temperature (-90°C) treatment called "Sub-Zero treatment" after carburizing heat treatment for prior removal of any deformation of milling chuck after use for long periods of time.

POWER MILLING CHUCK

▶ Feature

High-Speed POWER MILLING CHUCK

- Achieving optimum cutting for High-Speed heavy duty cutting and finishing with strong torque power
- Perfect clamping from 3mm depth of I.D entrance
- Achieving stability when exchanging and setting tools by stable fastening and unfastening torque

To use ordinary spanner

- No need for expensive Ratchet spanner ⇒ Using ordinary spanner

Lots of needle bearings

- Strong load during clamping
- Dispersing surface pressure through needle bearing

Balancing grade

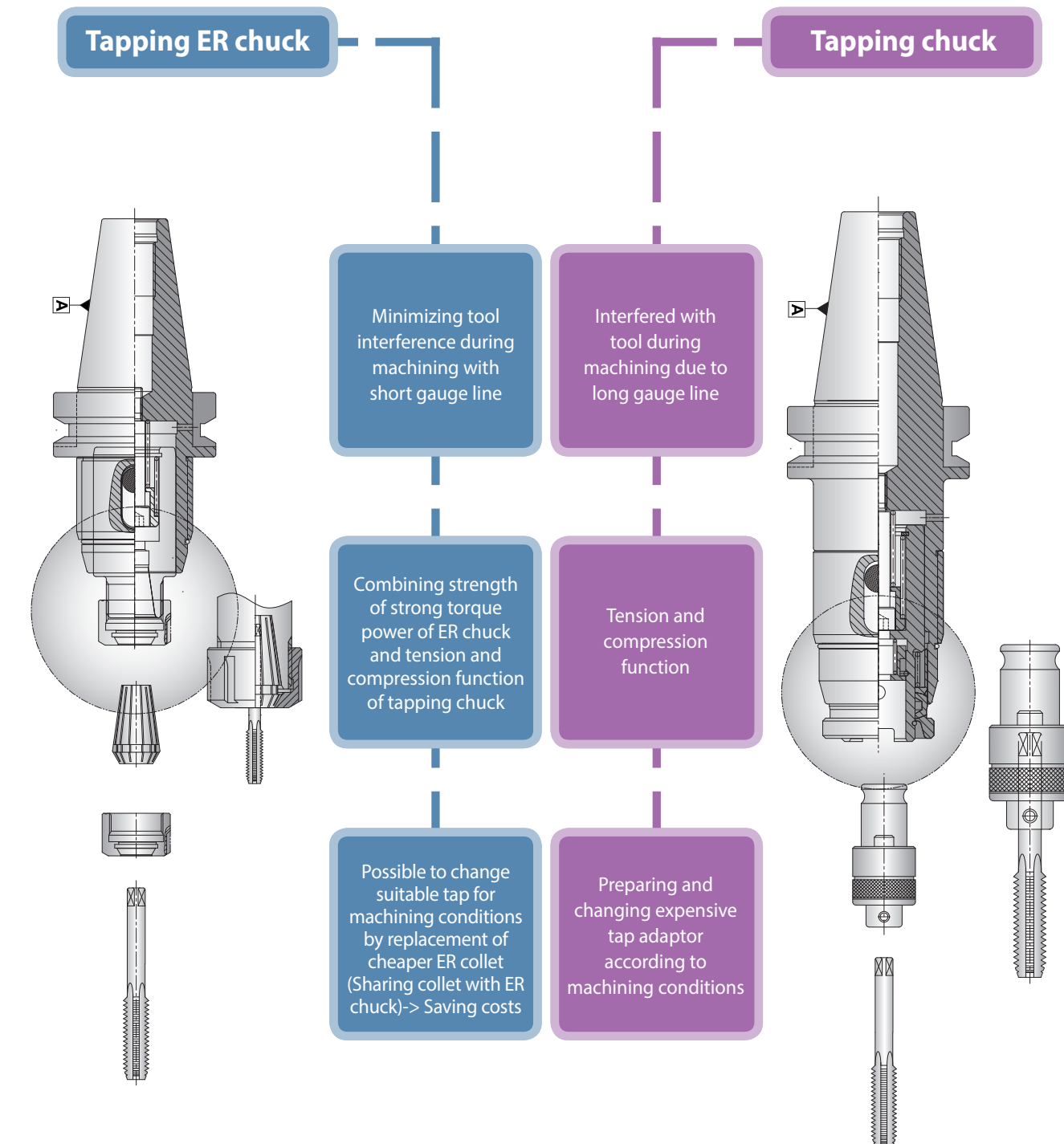
- G 6.3 / 20,000 RPM
- ⇒ Optimizing cutting effect during High-Speed heavy duty cutting and finishing

Slot design at inside milling chuck

- Strengthening body rigidity
- Preventing deformation during cutting
- Maximizing torque power
- Preventing chattering and ensuring durability

▶ Strong Torque Power

Milling chuck (I.D)	Standard	Tolerance (Taper shank)	Run-Out	Clamping torque
C20	AT3	ISO 30 (0~+0.002) ISO 40 (0~+0.003) ISO 50 (0~+0.004)	0.01mm at 3D	980Nm
C25				1,760Nm
C32				3,430Nm
C42				4,900Nm

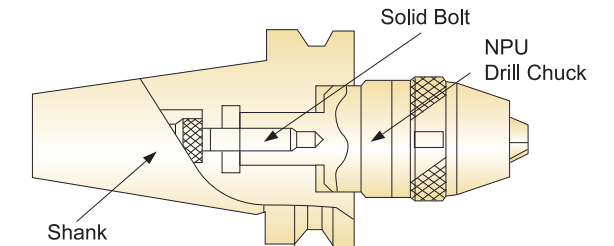


Feature

YG-1 Drill Chuck is completely tightened with solid bolt, and there is no danger of falling during rotating or cutting.

High Precision

• Drill chuck with excellent high precision (T.I.R 0.05mm) and shank are integrated, which guarantees excellent T.I.R



Strong Chucking Power

Drill may be damaged due to reverse thrust during perforation, but with YG-1 Drill Chuck strongly tightened with wrench, there is no possibility of damage to drill.

Safety

YG-1 NC Drill Chuck with strong rigidity contributes to factory automation by unmanned operation by preventing accident from occurring during operation.

- Falling of drill occurring by sudden stopping
- Falling of drill occurring by rapid rotation
- Damage to drill caused by reverse thrust during perforation process

Clamping Method



▲ Keyless Type



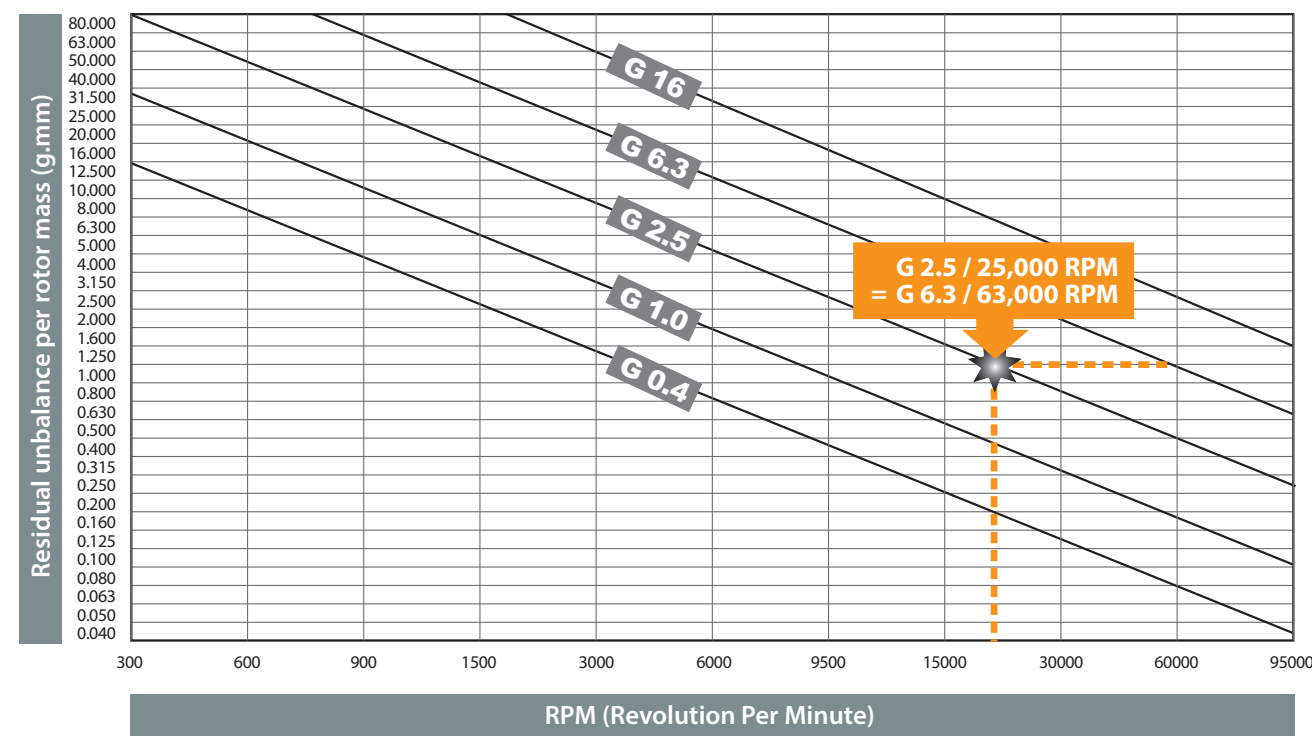
▲ Hex. Key Type

BALANCING

► Definition of Balancing and Unbalancing

If the rotor(tool holder) is rotated around the axis, centrifugal forces generate in all parts. If these centrifugal forces are distributed symmetrically against the rotation axis, the centrifugal forces generating in the opposite direction are offset by one another, resulting in no forces to the rotation axis eventually. Therefore bearings are not vibrated. In this case tool holder is in the balanced state. On the contrary, if centrifugal forces are distributed asymmetrically against the rotation axis, or if the force of one part is greater than that of the opposite part, the forces equivalent to differences are added to the rotation axis, causing the rotor(tool holder) to vibrate. The imbalance of distribution of rotor mass is called "Unbalance". In other words, "Unbalance" is mass existing unevenly in the rotor(tool holder).

► Balancing Grade Quality According to DIN ISO 1940



Calculation of G

$$\frac{G \times m}{\text{RPM}} \times 9549 = U$$

- G** : Balancing grade or circumference speed
- m** : Rotor(Holder) weight ⇒ Unit : kg
- 9549** : Conversion constant
- U** : Degree of unbalance (Permissible unbalance) ⇒ Unit : g.mm
- RPM** : Revolutions Per Minute

► Merits of Balanced Machining

Recently, rotating machines are more sophisticated and operated at High-Speed with the technical advance. Also, they require more efficiency and more stable functions which are stricter conditions than ever before. In High-Speed machining, one of the largest factors which degrade performance of machines is chattering. It causes workers to suffer displeasure, noise, and fatigue which are main problems affecting productivity. Balancing of the rotor(tool holder) is the essential and effective factor in order to prevent vibration of the machine. It is widely recognized as the indispensable process in manufacturing rotation machinery. YG-1 manufactures tool holders with various balancing grades meeting the needs of users.

► Balancing Grade Standard

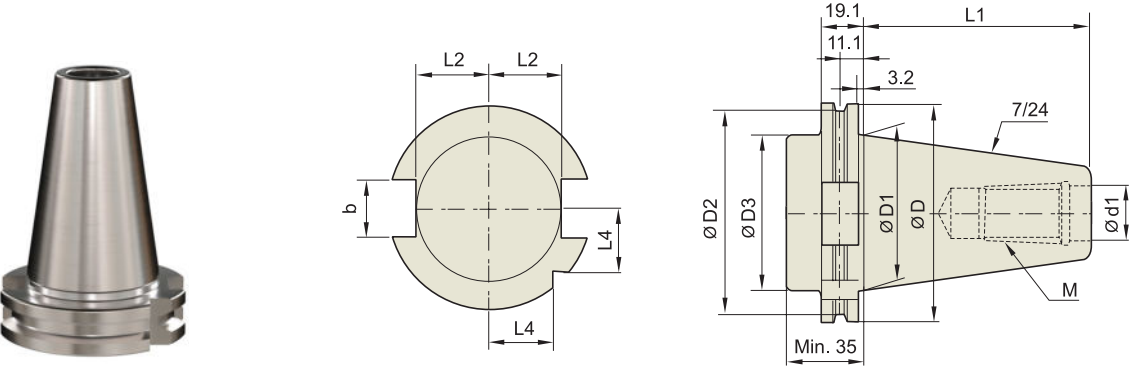


► Balancing Specification for Balancing Design Products

PRODUCT	SHANK	GRADE	RPM
HYDRAULIC CHUCK	BT/CBT 30/40/50 SK 30/40/50 HSK 32/40/50/63/80/100	G 2.5	25,000
SHRINK FIT HOLDER	BT/CBT 30/40/50 SK 30/40/50 HSK 25/32/40/50/63/80/100 ISO 25	G 2.5	25,000
OTHER CHUCKS & TOOL HOLDERS	BT/CBT 30/40/50 SK 30/40/50 HSK 25/32/40/50/63/80/100 ISO 20/25	G 6.3 G 2.5	15,000 25,000

※ Higher Balancing Grade Product Could Be Supplied Upon Customer's Request.

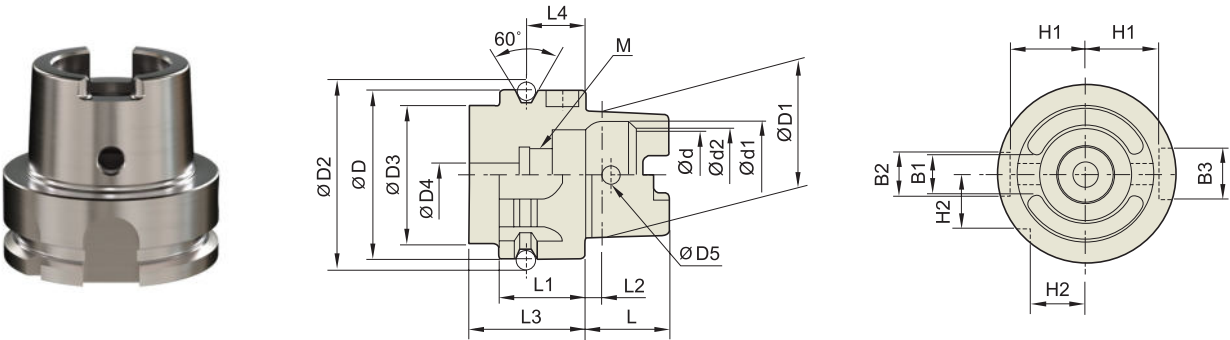
SHANK DATA - DIN 69871 (ISO 7388-1)



Unit : mm

TAPER No.	ØD	ØD1	ØD2	ØD3	Ød1	L1	L2	L3	L4	b	M
SK30	50	31.75	44.3	45	13	47.8	16.4	19	15	16.1	M12×1.75
SK40	63.55	44.45	56.25	50	17	68.4	22.8	25	18.5	16.1	M16×2.0
SK50	97.5	69.85	91.25	80	25	101.75	35.5	37.7	30	25.7	M24×3.0

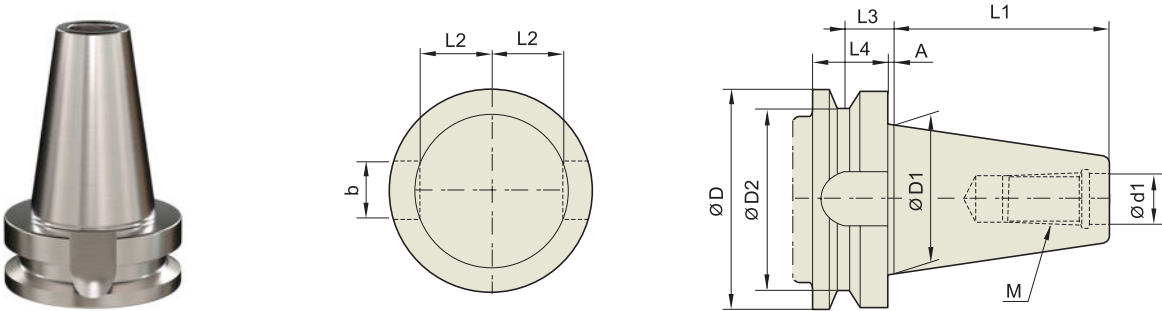
SHANK DATA - DIN 69893/ISO 12164



Unit : mm

TAPER No.	ØD	ØD1	ØD2	ØD3	ØD4	ØD5	L	L1	L2	L3	L4
HSK32A	32	24	37.00	26	4.2	4.0	16	20	3.2	35	16
HSK40A	40	30	45.00	34	5.0	4.6	20	20	4.0	35	16
HSK50A	50	38	59.30	42	6.8	6.0	25	26	5.0	42	18
HSK63A	63	48	72.30	53	8.4	7.5	32	26	6.3	42	18
HSK80A	80	60	88.8	68	10.2	8.5	40	26	8	42	18
HSK100A	100	75	109.75	88	12.0	12.0	50	29	10.0	45	20

SHANK DATA - JIS B6339/MAS 403 (ISO 7388-2)



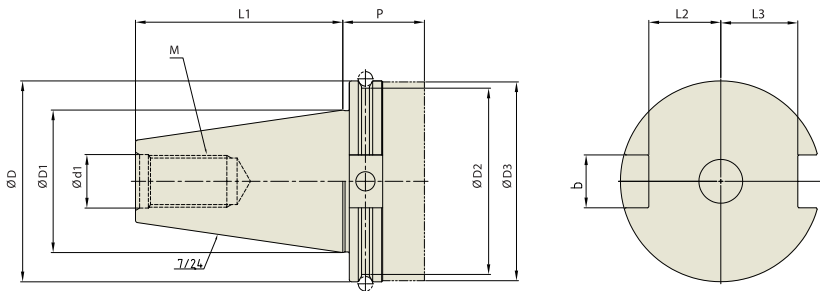
Unit : mm

TAPER No.	ØD	ØD1	ØD2	Ød1	L1	L2	L3	L4	A	b	M
BT30	46	31.75	38	12.5	48.4	16.3	13.6	20	2	16.1	M12×1.75
BT40	63	44.45	53	17	65.4	22.6	16.6	25	2	16.1	M16×2
BT50	100	69.85	85	25	101.8	35.4	23.2	35	3	25.7	M24×3
BT60	155	107.95	135	31	161.8	60.1	28.2	45	3	25.7	M30×3.5

Unit : mm

TAPER No.	Ød	Ød1	Ød2	B1	B2	B3	H1	H2	L4
HSK32A	17	20.5	19	7.05	7	9	13.0	9.5	M10×1.0
HSK40A	21	25.5	23	8.05	9	11	17.0	12.0	M12×1.0
HSK50A	26	32.0	29	10.54	12	14	21.0	15.5	M16×1.0
HSK63A	34	40.0	37	12.54	16	18	26.5	20.0	M18×1.0
HSK80A	42	50	46	16.04	18	20	34	25	M20×1.5
HSK100A	53	63.0	58	20.02	20	22	44.0	31.5	M24×1.5

ASME B5.50



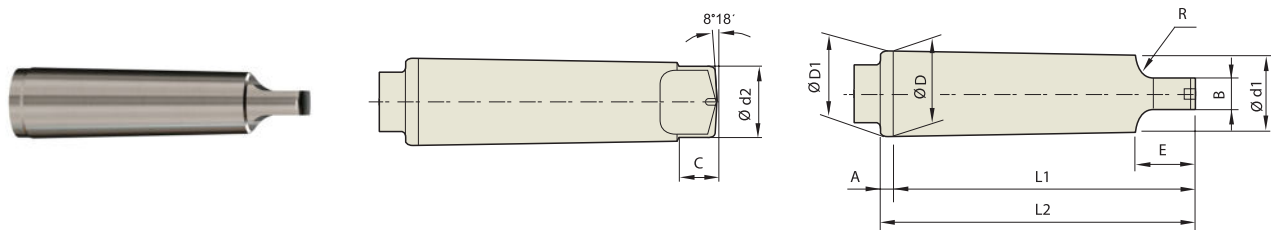
ASME B5.50-CAT (OLD : 1978)

Unit : mm											
TAPER No.	ØD	ØD1	ØD2	ØD3	Ød1	L1	L2	L3	b	P	M
CAT30	50	31.75	44.3	31.75	13	47.625	16.25	18.67	16.1	-	UNC1/2-13
CAT40	63.55	44.45	56.25	44.45	17	68.25	22.6	25	16.1	-	UNC5/8-11
CAT50	97.5	69.85	91.25	70.1	25	101.6	35.3	37.7	25.7	-	UNC1-18
CAT60	155	107.95	132.56	108	32	161.93	54	59.3	25.7	-	UNC1 1/4-7

ASME B5.50-CAT (NEW : Revision 2009)

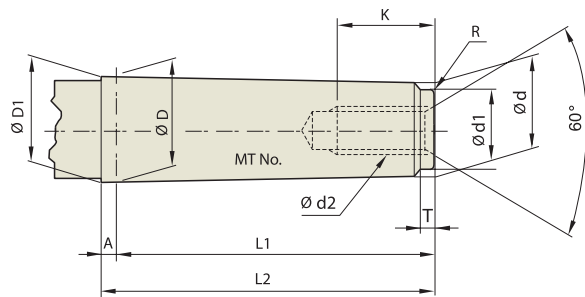
Unit : mm											
TAPER No.	ØD	ØD1	ØD2	ØD3	Ød1	L1	L2	L3	b	P	M
CAT30	46.02	31.75	38.89	46.02	13	47.625	16.25	18.67	16.1	-	UNC1/2-13
CAT40	63.5	44.45	56.36	63.5	17	68.25	22.6	25	16.1	-	UNC5/8-11
CAT50	98.43	69.85	91.29	98.43	25	101.6	35.3	37.7	25.7	-	UNC1-18
CAT60	139.7	107.95	132.56	139.7	32	161.93	54	59.3	25.7	-	UNC1 1/4-7

DIN 228



DIN 228 (MORSE TAPER) TANG TYPE (MTA)

Unit : mm													
TAPER No.	TAPER RATIO (Rad)	TAPER ANGLE (α)	ØD	A	ØD1	Ød1	L1	L2	Ød2	B	C	E	R
MT0	1/19.212	1°29' 27"	9.045	3	9.045	6.104	56.5	59.5	6.0	3.9	6.5	10.5	4
MT1	1/20.047	1°25' 43"	12.065	3.5	12.065	8.972	62.0	65.5	8.7	5.2	8.5	13.5	5
MT2	1/20.020	1°25' 50"	17.780	5	17.780	14.034	75.0	80.0	13.5	6.3	10	16	6
MT3	1/19.922	1°26' 16"	23.825	5	23.825	19.107	94.0	99.0	18.5	7.9	13	20	7
MT4	1/19.254	1°29' 15"	31.267	6.5	31.267	25.164	117.5	124.0	24.5	11.9	16	24	8
MT5	1/19.002	1°30' 26"	44.399	6.5	44.399	36.531	149.5	156.0	35.7	15.9	19	29	10
MT6	1/19.180	1°29' 36"	63.348	8	63.348	52.399	210.0	218.0	51.0	19.0	27	40	13
MT7	1/19.231	1°29' 22"	83.058	10	83.058	68.186	286.0	296.0	66.8	28.6	35	54	19

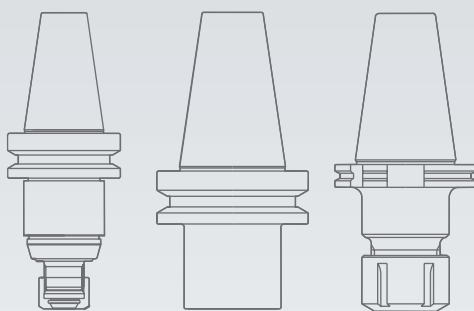


DIN 228 (MORSE TAPER) SCREW TYPE (MTB)

Unit : mm													
TAPER No.	TAPER RATIO (Rad)	TAPER ANGLE (α)	ØD	A	ØD1	d	L1	L2	Ød1	d2	K	T	R
MT0	1/19.212	1°29' 27"	9.045	3	9.201	6.442	50	53	6.4	-	-	4	0.2
MT1	1/20.047	1°25' 43"	12.065	3.5	12.230	9.396	53.5	57	9.4	M6	16	5	0.2
MT2	1/20.020	1°25' 50"	17.780	5	18.030	14.583	64	69	14.6	M10	24	5	0.2
MT3	1/19.922	1°26' 16"	23.825	5	24.076	19.759	81	86	19.8	M12	28	7	0.6
MT4	1/19.254	1°29' 15"	31.267	6.5	31.605	25.943	102.5	109	25.9	M16	32	9	1
MT5	1/19.002	1°30' 26"	44.399	6.5	44.741	37.584	129.5	136	37.6	M20	40	9	2.5
MT6	1/19.180	1°29' 36"	63.348	8	63.765	53.859	182	190	53.9	M24	50	12	4
MT7	1/19.231	1°29' 22"	83.058	10	83.578	70.058	250	260	70.0	M33	80	18.5	5



Global Cutting Tool Leader **YG-1**



TOOLING SYSTEM