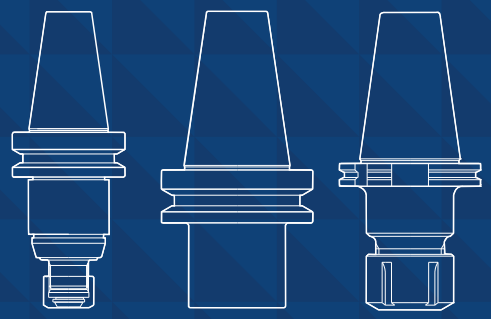
YE24
EUROPE
2024 / 2025

ISO 9001 / ISO 14001

CUTTING TOOLS



TOOLING SYSTEM

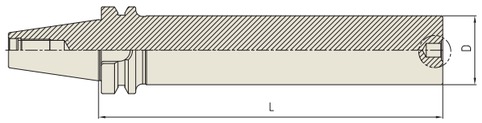
YG-1 CO., LTD.

YG TEST BAR

TB

TEST BAR

KONTROLLDORN
MANDRIN DE CONTRÔLE
MANDRINO DI CONTROLLO
MANDRIL DE CONTROL



JIS B6339-BT | AT3 | ≤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

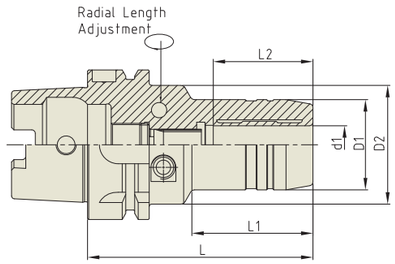
HYDRAULIC CHUCK

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)

HSK-A



DIN 69893-HSK | AT3 | 2.5G | 25,000 RPM | (at 3D) ≤3μm | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	WEIGHT (Kg)
40A	HSK40A-HCR6-80	P2770210	6	26	34	80	36	27	0.55
	HSK40A-HCR8-80	P2770211	8	28	34	80	36	27	0.55
	HSK40A-HCR10-85	P2770212	10	30	34	85	43	32	0.65
	HSK40A-HCR12-90	P2770213	12	32	34	90	48	37	0.70
50A	HSK50A-HCR6-80	P2770214	6	26	40	80	35	27	0.70
	HSK50A-HCR8-80	P2770215	8	28	40	80	36	27	0.70
	HSK50A-HCR10-85	P2770216	10	30	40	85	38	32	0.73
	HSK50A-HCR12-90	P2770217	12	32	40	90	40	37	0.80
	HSK50A-HCR14-90	P2770218	14	34	40	90	40	42	0.80
	HSK50A-HCR16-95	P2770219	16	38	53	95	36.5	42	1.00
	HSK50A-HCR18-95	P2770220	18	40	57	95	36.5	42	1.00
	HSK50A-HCR20-100	P2770221	20	42	60	100	39	42	1.10
63A	HSK63A-HCR6-80	P2770205	6	26	50	80	33	27	0.96
	HSK63A-HCR8-80	P2770206	8	28	50	80	33	27	0.98
	HSK63A-HCR10-85	P2770207	10	30	50	85	38	32	1.04
	HSK63A-HCR12-90	P2567011	12	32	50	90	40	37	1.06
	HSK63A-HCR14-90	P2770202	14	34	50	90	46	37	1.08
	HSK63A-HCR16-95	P2770209	16	38	50	95	51	42	1.18
	HSK63A-HCR18-95	P2770203	18	40	50	95	52	42	1.20
	HSK63A-HCR20-100	P2567012	20	42	50	100	51	42	1.22
	HSK63A-HCR25-120	P2770204	25	57	63	120	54.5	48	2.20
	HSK63A-HCR32-125	P2770201	32	64	75	125	57.5	55	2.60
100A	HSK100A-HCR6-85	P2770222	6	26	63	85	33	27	3.60
	HSK100A-HCR8-85	P2770223	8	28	63	85	33	27	3.60
	HSK100A-HCR10-90	P2770224	10	30	63	90	36	32	3.80
	HSK100A-HCR12-95	P2770225	12	32	63	95	40	37	3.80
	HSK100A-HCR14-95	P2770226	14	34	63	95	41	37	3.80
	HSK100A-HCR16-100	P2770227	16	38	63	100	46	42	3.90
	HSK100A-HCR18-100	P2770228	18	40	63	100	46	42	3.90
	HSK100A-HCR20-105	P2770229	20	42	75	105	51	42	4.20
	HSK100A-HCR25-115	P2770230	25	57	75	115	55.5	48	4.40
	HSK100A-HCR32-120	P2770231	32	64	75	120	63.5	55	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.

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)

HSK-A

FIG.1

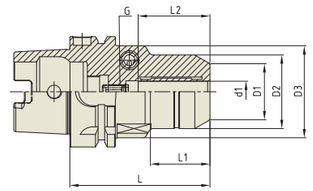
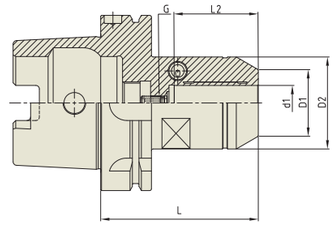


FIG.2



DIN 69893-HSK | AT3 | 2.5G | 25,000 RPM | (at 3D) ≤3μm | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	D2	D3	L	L1	L2	G	FIG.	WEIGHT (Kg)
63A	HSK63A-HC12P-80	P2770302P	12	32	42	52.5	80	34	41	M8x1.0	1	1.20
	HSK63A-HC20P-80	P2770301P	20	38	52.5	-	80	-	48	M8x1.0	2	1.30
100A	HSK100A-HC20P-90	P2770303P	20	38	52.5	-	90	-	48	M8x1.0	2	2.80
	HSK100A-HC32P-100	P2770304P	32	58.5	72	-	100	-	57	M8x1.0	2	3.70

- 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

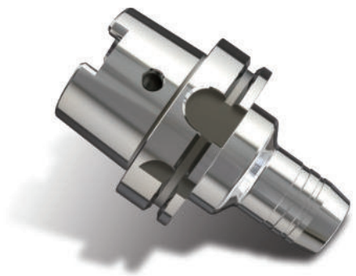
HYDRAULIC CHUCK

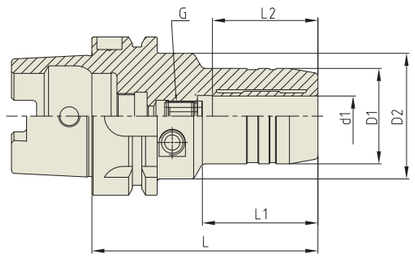
HC

HYDRAULIC CHUCK (STANDARD)

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

HSK-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
50A	HSK50A-HC6-70	P2770404	6	26	40	70	28	27	M5×0.8	0.65
	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
63A	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
	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

▶ NEXT PAGE

- ▶ 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.

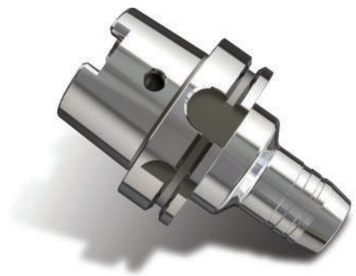
HYDRAULIC CHUCK

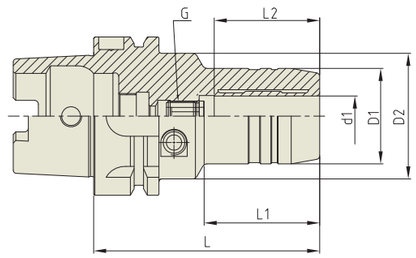
HC

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	M10x1.0	1.60
	HSK80A-HC20-95	P2770463	20	42	50	95	52	42	M16x1.0	1.80
	HSK80A-HC32-125	P2770464	32	64	75	125	63	55	M16x1.0	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

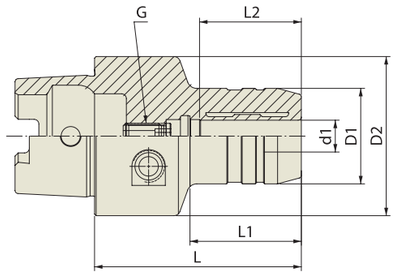
HYDRAULIC CHUCK

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
	HSK50C-HC20-80	P2770440	20	42	50	80	48	42	M16x1.0	1.00
63C	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.

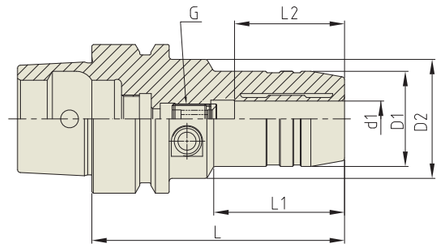
HYDRAULIC CHUCK

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
	HSK50E-HC20-90	P2770460	20	42	60	90	29	42	M16x1.0	1.00
63F	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.

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

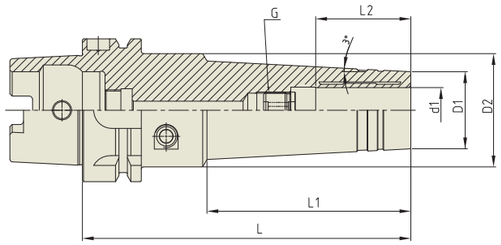
HYDRAULIC CHUCK

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.

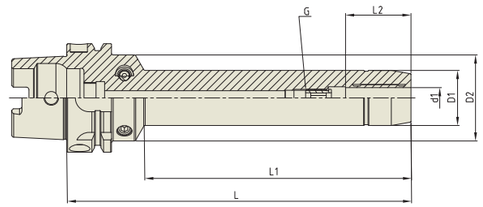
HYDRAULIC CHUCK

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

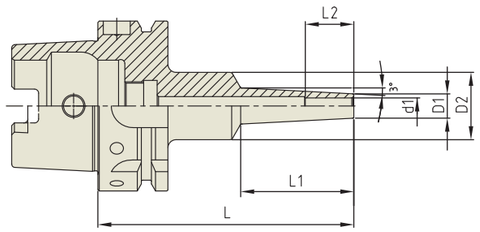
SHRINK FIT HOLDER

SFHS

SHRINK FIT HOLDER (EXTRA SLIM)

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

HSK-A



DIN 69893-HSK | 2.5G | 25,000 RPM | (LD) ≤3μm | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	L2	WEIGHT (Kg)
40A	HSK40A-SFHS3-60	P2779801S	3	6	20	60	22	9	-
	HSK40A-SFHS3-90	P2779802S	3	6	25	80	42	9	-
	HSK40A-SFHS4-60	P2779803S	4	7	20	60	22	12	-
	HSK40A-SFHS4-90	P2779804S	4	7	25	80	42	12	-
	HSK40A-SFHS6-60	P2779805S	6	9	20	60	22	18	-
	HSK40A-SFHS6-90	P2779806S	6	9	25	80	42	18	-
50A	HSK50A-SFHS3-95	P2779807S	3	6	25	95	42	9	-
	HSK50A-SFHS3-120	P2779808S	3	6	25	120	67	9	-
	HSK50A-SFHS4-95	P2779809S	4	7	25	95	42	12	-
	HSK50A-SFHS4-120	P2779810S	4	7	25	120	67	12	-
	HSK50A-SFHS6-95	P2779811S	6	9	25	95	42	18	-
	HSK50A-SFHS6-120	P2779812S	6	9	25	120	67	18	-
	HSK50A-SFHS8-95	P2779813S	8	11	32	95	42	24	-
	HSK50A-SFHS8-120	P2779814S	8	11	32	120	67	24	-
	HSK50A-SFHS10-95	P2779815S	10	13	32	95	42	30	-
	HSK50A-SFHS10-120	P2779816S	10	13	32	120	67	30	-
63A	HSK63A-SFHS3-95	P2779817S	3	6	25	95	42	9	0.75
	HSK63A-SFHS3-120	P2779818S	3	6	25	120	67	9	0.77
	HSK63A-SFHS4-95	P2779819S	4	7	25	95	42	12	0.75
	HSK63A-SFHS4-120	P2779820S	4	7	25	120	67	12	0.78
	HSK63A-SFHS6-95	P2779821S	6	9	25	95	42	18	0.76
	HSK63A-SFHS6-120	P2779822S	6	9	25	120	97	18	0.78
	HSK63A-SFHS8-95	P2779823S	8	11	25	95	42	24	0.75
	HSK63A-SFHS8-160	P2779824S	8	11	32	160	97	24	0.97
	HSK63A-SFHS10-95	P2779825S	10	13	25	95	42	30	0.76
	HSK63A-SFHS10-160	P2779826S	10	13	32	160	97	30	1.00
	HSK63A-SFHS12-95	P2779827S	12	15	32	95	42	30	0.83
	HSK63A-SFHS12-160	P2779828S	12	15	32	160	97	30	1.04

▶ Inch type products are available.
▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

▶ NEXT PAGE

SHRINK FIT HOLDER

SFHS

SHRINK FIT HOLDER (EXTRA SLIM)

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

HSK-A

FIG.1

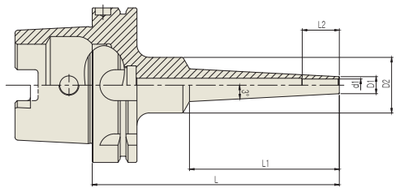
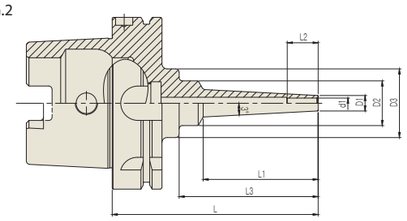


FIG.2



DIN 69893-HSK | 2.5G | 25,000 RPM | (LD) ≤3μm | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	D2	D2	L	L1	L2	L3	FIG.	WEIGHT (Kg)
100A	HSK100A-SFHS3-95	P2779829S	3	6	26	40	95	42	9	56	2	2.12
	HSK100A-SFHS3-120	P2779830S	3	6	26	40	120	67	9	81	2	2.14
	HSK100A-SFHS4-95	P2779831S	4	7	26	40	95	42	12	56	2	2.12
	HSK100A-SFHS4-120	P2779832S	4	7	26	40	120	67	12	81	2	2.14
	HSK100A-SFHS6-95	P2779833S	6	9	26	40	95	42	18	56	2	2.12
	HSK100A-SFHS6-120	P2779834S	6	9	26	40	120	67	18	81	2	2.15
	HSK100A-SFHS8-95	P2779835S	8	11	36	-	95	42	24	-	1	2.18
	HSK100A-SFHS8-160	P2779836S	8	11	36	-	160	97	24	-	1	2.33
	HSK100A-SFHS10-95	P2779837S	10	13	36	-	95	42	31	-	1	2.19
	HSK100A-SFHS10-160	P2779838S	10	13	36	-	160	97	31	-	1	2.34
	HSK100A-SFHS12-95	P2779839S	12	15	36	-	95	42	32	-	1	2.20
	HSK100A-SFHS12-160	P2779840S	12	15	36	-	160	97	32	-	1	2.38

▶ Inch type products are available.
▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER

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

HSK-A

FIG.1

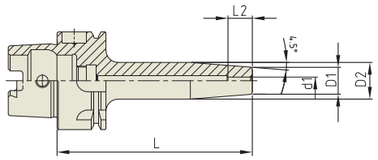
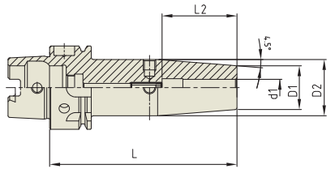


FIG.2



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)
40A	HSK40A-SFH3-60	P2771408	3	11	15	60	10	-	1	0.30
	HSK40A-SFH3-80	P2771409	3	11	15	80	10	-	1	0.40
	HSK40A-SFH4-60	P2771410	4	11	15	60	12	-	1	0.30
	HSK40A-SFH4-80	P2771411	4	11	15	80	12	-	1	0.40
	HSK40A-SFH5-60	P2771412	5	11	15	60	15	-	1	0.30
	HSK40A-SFH5-80	P2771413	5	11	15	80	15	-	1	0.40
	HSK40A-SFH6-60	P2771414	6	21	27	60	36	M5×0.8	2	0.40
	HSK40A-SFH6-80	P2771415	6	21	27	80	36	M5×0.8	2	0.50
	HSK40A-SFH8-70	P2771416	8	21	27	70	36	M5×0.8	2	0.40
	HSK40A-SFH8-90	P2771417	8	21	27	90	36	M5×0.8	2	0.50
	HSK40A-SFH10-70	P2771418	10	24	32	70	42	M5×0.8	2	0.50
	HSK40A-SFH10-90	P2771419	10	24	32	90	42	M5×0.8	2	0.60
50A	HSK50A-SFH3-80	P2771444	3	11	15	80	10	-	1	0.54
	HSK50A-SFH4-80	P2771445	4	11	15	80	12	-	1	0.55
	HSK50A-SFH5-80	P2771446	5	11	15	80	15	-	1	0.56
	HSK50A-SFH6-80	P2776901	6	21	27	80	36	M5×0.8	2	0.57
	HSK50A-SFH8-80	P2771447	8	21	27	80	36	M6×1.0	2	0.58
	HSK50A-SFH10-85	P2771448	10	24	32	85	42	M8×1.0	2	0.65
	HSK50A-SFH12-90	P2771449	12	24	32	90	47	M10×1.0	2	0.67
	HSK50A-SFH14-90	P2771450	14	27	34	90	47	M10×1.0	2	0.72
	HSK50A-SFH16-95	P2771451	16	27	34	95	50	M12×1.0	2	0.73
	HSK50A-SFH18-95	P2771452	18	33	42	95	50	M12×1.0	2	0.9
	HSK50A-SFH20-100	P2771453	20	33	42	100	52	M16×1.0	2	0.92

▶ NEXT PAGE

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

SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER
SCHRUMPFFUTTER
MANDRIN DE FRETTAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR

HSK-A

FIG.1

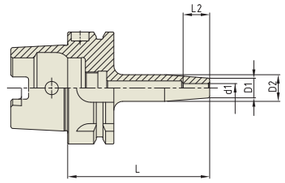
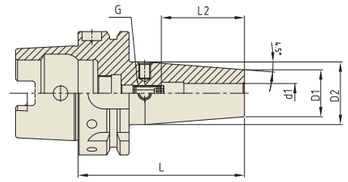


FIG.2



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)
63A	HSK63A-SFH3-80	P2771401	3	11	15	80	10	-	1	0.70
	HSK63A-SFH4-80	P2771402	4	11	15	80	12	-	1	0.70
	HSK63A-SFH5-80	P2771403	5	11	15	80	15	-	1	0.70
	HSK63A-SFH6-80	P2565057	6	21	27	80	36	M5×0.8	2	0.83
	HSK63A-SFH6-130	P2860046	6	21	27	130	36	M5×0.8	2	-
	HSK63A-SFH6-160	P2771404	6	21	27	160	36	M5×0.8	2	1.00
	HSK63A-SFH8-80	P2600007	8	21	27	80	36	M6×1.0	2	0.83
	HSK63A-SFH8-130	P2860047	8	21	27	130	36	M6×1.0	2	-
	HSK63A-SFH8-160	P2771405	8	21	27	160	36	M6×1.0	2	1.00
	HSK63A-SFH10-85	P2565052	10	24	32	85	42	M8×1.0	2	0.83
	HSK63A-SFH10-130	P2860048	10	24	32	130	42	M8×1.0	2	-
	HSK63A-SFH10-160	P2771406	10	24	32	160	42	M8×1.0	2	1.00
	HSK63A-SFH12-90	P2600003	12	24	32	90	47	M10×1.0	2	0.83
	HSK63A-SFH12-130	P2860049	12	24	32	130	47	M10×1.0	2	-
	HSK63A-SFH12-160	P2771407	12	24	32	160	47	M10×1.0	2	1.00
	HSK63A-SFH14-90	P2771454	14	27	34	90	47	M10×1.0	2	0.91
	HSK63A-SFH14-130	P2860050	14	27	34	130	47	M10×1.0	2	-
	HSK63A-SFH14-160	P2771455	14	27	34	160	47	M10×1.0	2	1.30
	HSK63A-SFH16-95	P2565054	16	27	34	95	50	M12×1.0	2	0.98
	HSK63A-SFH16-130	P2860051	16	27	34	130	50	M12×1.0	2	-
	HSK63A-SFH16-160	P2565053	16	27	34	160	50	M12×1.0	2	1.40
	HSK63A-SFH18-95	P2771456	18	33	42	95	50	M12×1.0	2	0.98
	HSK63A-SFH18-130	P2860052	18	33	42	130	50	M12×1.0	2	-
	HSK63A-SFH18-160	P2771457	18	33	42	160	50	M12×1.0	2	1.40
	HSK63A-SFH20-100	P2600005	20	33	42	100	52	M16×1.0	2	1.00
	HSK63A-SFH20-130	P2860053	20	33	42	130	52	M16×1.0	2	-
	HSK63A-SFH20-160	P2565055	20	33	42	160	52	M16×1.0	2	1.40
	HSK63A-SFH25-115	P2771458	25	44	53	115	58	M16×1.0	2	1.40
	HSK63A-SFH25-130	P2860054	25	44	53	130	58	M16×1.0	2	-
	HSK63A-SFH25-160	P2771459	25	44	53	160	58	M16×1.0	2	1.80

▶ NEXT PAGE

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

SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER

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

HSK-A

FIG.1

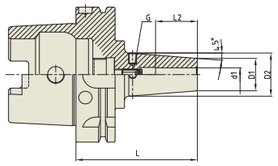
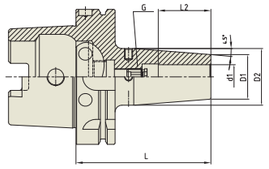


FIG.2



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)
80A	HSK80A-SFH6-85	P2771460	6	21	27	85	36	M5x0.8	1	-
	HSK80A-SFH8-85	P2771461	8	21	27	85	36	M6x1.0	1	-
	HSK80A-SFH10-90	P2771462	10	24	32	90	41	M8x1.0	2	-
	HSK80A-SFH12-95	P2771463	12	24	32	95	46	M10x1.0	2	-
	HSK80A-SFH14-95	P2771464	14	27	34	95	46	M10x1.0	2	-
	HSK80A-SFH16-100	P2771465	16	27	34	100	49	M12x1.0	2	-
	HSK80A-SFH18-100	P2771466	18	33	42	100	49	M12x1.0	2	-
	HSK80A-SFH20-105	P2771467	20	33	42	105	51	M16x1.0	2	-
	HSK80A-SFH25-115	P2771468	25	44	53	115	57	M16x1.0	2	-
100A	HSK100A-SFH3-85	P2771469	3	11	15	85	10	-	1	1.30
	HSK100A-SFH4-85	P2771470	4	11	15	85	12	-	1	1.30
	HSK100A-SFH5-85	P2771471	5	11	15	85	15	-	1	1.30
	HSK100A-SFH6-85	P2777301	6	21	27	85	36	M5×0.8	1	1.30
	HSK100A-SFH6-130	P2860055	6	21	27	130	36	M5×0.8	1	-
	HSK100A-SFH6-160	P2771472	6	21	27	160	36	M5×0.8	1	1.80
	HSK100A-SFH6-200	P2860006	6	21	27	200	36	M5×0.8	1	-
	HSK100A-SFH8-85	P2777302	8	21	27	85	36	M6×1.0	1	1.30
	HSK100A-SFH8-130	P2860056	8	21	27	130	36	M6×1.0	1	-
	HSK100A-SFH8-160	P2771473	8	21	27	160	36	M6×1.0	1	1.80
	HSK100A-SFH8-200	P2860007	8	21	27	200	36	M6×1.0	1	-
	HSK100A-SFH10-90	P2777303	10	24	32	90	42	M8×1.0	1	1.30
	HSK100A-SFH10-130	P2860057	10	24	32	130	42	M8×1.0	1	-
	HSK100A-SFH10-160	P2771474	10	24	32	160	42	M8×1.0	1	1.80
	HSK100A-SFH10-200	P2860008	10	24	32	200	42	M8×1.0	1	-
	HSK100A-SFH12-95	P2777304	12	24	32	95	47	M10×1.0	1	1.30
	HSK100A-SFH12-130	P2860058	12	24	32	130	47	M10×1.0	1	-
	HSK100A-SFH12-160	P2771475	12	24	32	160	47	M10×1.0	1	1.80
	HSK100A-SFH12-200	P2860009	12	24	32	200	47	M10×1.0	1	-

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

▶ NEXT PAGE

SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER
SCHRUMPFFUTTER
MANDRIN DE FRETTAGE
MADRINI PER CALLETAMENTO A CALDO
PORTAHERRAMIENTAS DE COMPRESION POR CALOR

HSK-A

FIG.1

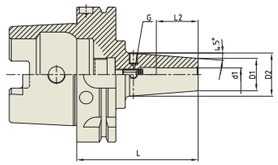
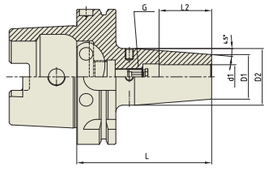


FIG.2



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-SFH14-95	P2771476	14	27	34	95	47	M10×1.0	1	1.40
	HSK100A-SFH14-130	P2860059	14	27	34	130	47	M10×1.0	1	-
	HSK100A-SFH14-160	P2771477	14	27	34	160	47	M10×1.0	1	1.90
	HSK100A-SFH14-200	P2860060	14	27	34	200	47	M10×1.0	1	-
	HSK100A-SFH16-100	P2771478	16	27	34	100	50	M12×1.0	1	1.40
	HSK100A-SFH16-130	P2860061	16	27	34	130	50	M12×1.0	1	-
	HSK100A-SFH16-160	P2771479	16	27	34	160	50	M12×1.0	1	1.90
	HSK100A-SFH16-200	P2860062	16	27	34	200	50	M12×1.0	1	-
	HSK100A-SFH18-100	P2771480	18	33	42	100	50	M12×1.0	2	1.50
	HSK100A-SFH18-130	P2860063	18	33	42	130	50	M12×1.0	2	-
	HSK100A-SFH18-160	P2771481	18	33	42	160	50	M12×1.0	2	2.00
	HSK100A-SFH18-200	P2860064	18	33	42	200	50	M12×1.0	2	-
	HSK100A-SFH20-100	P2771482	20	33	42	100	52	M16×1.0	2	1.50
	HSK100A-SFH20-130	P2860065	20	33	42	130	52	M16×1.0	2	-
	HSK100A-SFH20-160	P2771483	20	33	42	160	52	M16×1.0	2	2.00
	HSK100A-SFH20-200	P2860066	20	33	42	200	52	M16×1.0	2	-
	HSK100A-SFH25-115	P2771484	25	44	53	115	58	M16×1.0	2	1.80
	HSK100A-SFH25-130	P2860067	25	44	53	130	58	M16×1.0	2	-
	HSK100A-SFH25-160	P2771485	25	44	53	160	58	M16×1.0	2	2.30
	HSK100A-SFH25-200	P2860068	25	44	53	200	58	M16×1.0	2	-

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

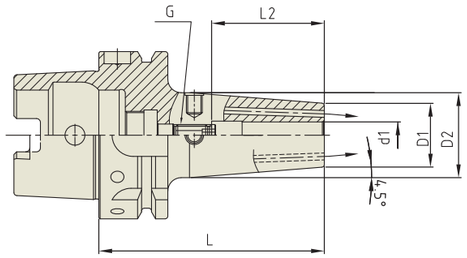
SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER (COOLANT CHANNEL)

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

HSK-A



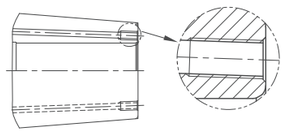
DIN 69893-HSK | 2.5G | 25,000 RPM | (LD) ≤3μm | AD+C

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L2	G	WEIGHT (Kg)
63A	HSK63A-SFH3C-80*1	P2862131C	3	12	17	80	10	-	-
	HSK63A-SFH4C-80*1	P2862132C	4	12	17	80	12	-	-
	HSK63A-SFH5C-80*1	P2862133C	5	12	17	80	15	-	-
	HSK63A-SFH6C-80	P2862013C	6	21	27	80	36	M5x0.8	0.83
	HSK63A-SFH6C-130	P2863400C	6	21	27	130	36	M5x0.8	-
	HSK63A-SFH6C-160	P2862014C	6	21	27	160	36	M5x0.8	1.00
	HSK63A-SFH8C-80	P2862015C	8	21	27	80	36	M6x1.0	0.83
	HSK63A-SFH8C-130	P2863401C	8	21	27	130	36	M6x1.0	-
	HSK63A-SFH8C-160	P2862016C	8	21	27	160	36	M6x1.0	1.00
	HSK63A-SFH10C-85	P2862017C	10	24	32	85	42	M8x1.0	0.83
	HSK63A-SFH10C-130	P2863402C	10	24	32	130	42	M8x1.0	-
	HSK63A-SFH10C-160	P2862018C	10	24	32	160	42	M8x1.0	1.00
	HSK63A-SFH12C-90	P2862019C	12	24	32	90	47	M10x1.0	0.83
	HSK63A-SFH12C-130	P2863403C	12	24	32	130	47	M10x1.0	-
	HSK63A-SFH12C-160	P2862020C	12	24	32	160	47	M10x1.0	1.00
	HSK63A-SFH14C-90	P2862021C	14	27	34	90	47	M10x1.0	0.91
	HSK63A-SFH14C-130	P2863404C	14	27	34	130	47	M10x1.0	-
	HSK63A-SFH14C-160	P2862022C	14	27	34	160	47	M10x1.0	1.30
	HSK63A-SFH16C-95	P2862023C	16	27	34	95	50	M12x1.0	0.98
	HSK63A-SFH16C-130	P2863405C	16	27	34	130	50	M12x1.0	-
	HSK63A-SFH16C-160	P2862024C	16	27	34	160	50	M12x1.0	1.40
	HSK63A-SFH18C-95	P2862025C	18	33	42	95	50	M12x1.0	0.98
	HSK63A-SFH18C-130	P2863406C	18	33	42	130	50	M12x1.0	-
	HSK63A-SFH18C-160	P2862026C	18	33	42	160	50	M12x1.0	1.40
	HSK63A-SFH20C-100	P2862027C	20	33	42	100	52	M16x1.0	1.00
	HSK63A-SFH20C-130	P2863407C	20	33	42	130	52	M16x1.0	-
	HSK63A-SFH20C-160	P2862028C	20	33	42	160	52	M16x1.0	1.40
	HSK63A-SFH25C-115	P2862029C	25	44	53	115	58	M16x1.0	1.40
	HSK63A-SFH25C-130	P2862142C	25	44	53	130	58	M16x1.0	-
	HSK63A-SFH25C-160	P2862030C	25	44	53	160	58	M16x1.0	1.80

▶ NEXT PAGE

- ▶ 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.



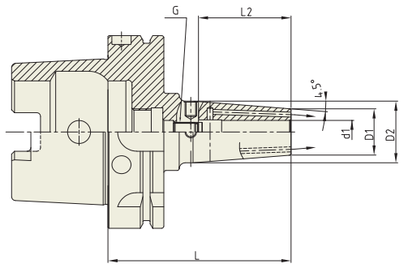
SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER (COOLANT CHANNEL)

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

HSK-A



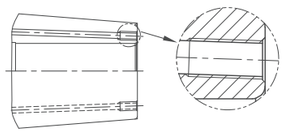
DIN 69893-HSK | 2.5G | 25,000 RPM | (LD) ≤3μm | AD+C

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L2	G	WEIGHT (Kg)
100A	HSK100A-SFH3C-85*1	P2862143C	3	12	17	85	10	-	-
	HSK100A-SFH4C-85*1	P2862144C	4	12	17	85	12	-	-
	HSK100A-SFH5C-85*1	P2862145C	5	12	17	85	15	-	-
	HSK100A-SFH6C-85	P2862031C	6	21	27	85	36	M5x0.8	1.30
	HSK100A-SFH6C-130	P2863408C	6	21	27	130	36	M5x0.8	-
	HSK100A-SFH6C-160	P2862032C	6	21	27	160	36	M5x0.8	1.80
	HSK100A-SFH6C-200	P2863409C	6	21	27	200	36	M5x0.8	-
	HSK100A-SFH8C-85	P2862033C	8	21	27	85	36	M6x1.0	1.30
	HSK100A-SFH8C-130	P2863410C	8	21	27	130	36	M6x1.0	-
	HSK100A-SFH8C-160	P2862034C	8	21	27	160	36	M6x1.0	1.80
	HSK100A-SFH8C-200	P2863411C	8	21	27	200	36	M6x1.0	-
	HSK100A-SFH10C-90	P2862035C	10	24	32	90	42	M8x1.0	1.30
	HSK100A-SFH10C-130	P2863412C	10	24	32	130	42	M8x1.0	-
	HSK100A-SFH10C-160	P2862036C	10	24	32	160	42	M8x1.0	1.80
	HSK100A-SFH10C-200	P2863413C	10	24	32	200	42	M8x1.0	-
	HSK100A-SFH12C-95	P2862037C	12	24	32	95	47	M10x1.0	1.30
	HSK100A-SFH12C-130	P2863414C	12	24	32	130	47	M10x1.0	-
	HSK100A-SFH12C-160	P2862038C	12	24	32	160	47	M10x1.0	1.80
	HSK100A-SFH12C-200	P2863415C	12	24	32	200	47	M10x1.0	-
	HSK100A-SFH14C-95	P2862039C	14	27	34	95	47	M10x1.0	1.40
	HSK100A-SFH14C-130	P2863416C	14	27	34	130	47	M10x1.0	-
	HSK100A-SFH14C-160	P2862040C	14	27	34	160	47	M10x1.0	1.90
	HSK100A-SFH14C-200	P2863417C	14	27	34	200	47	M10x1.0	-
	HSK100A-SFH16C-100	P2862041C	16	27	34	100	50	M12x1.0	1.40
	HSK100A-SFH16C-130	P2863418C	16	27	34	130	50	M12x1.0	-
	HSK100A-SFH16C-160	P2862042C	16	27	34	160	50	M12x1.0	1.90
	HSK100A-SFH16C-200	P2863419C	16	27	34	200	50	M12x1.0	-

▶ NEXT PAGE

- ▶ 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.



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

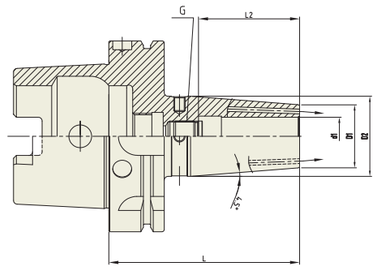
SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER (COOLANT CHANNEL)

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

HSK-A

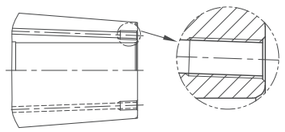


DIN 69893-HSK | 2.5G | 25,000 RPM | (LD) ≤3μm | AD+C

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)



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

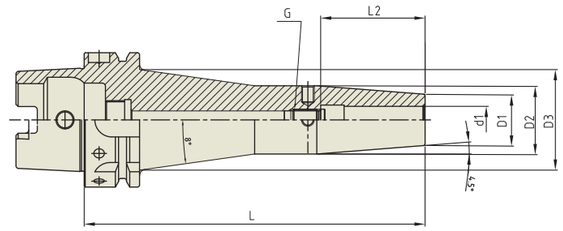
SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER (REINFORCED)

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

HSK-A



DIN 69893-HSK | AT3 | 2.5G | 25,000 RPM | (LD) ≤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.

SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER

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

HSK-E

FIG.1

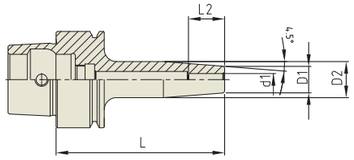
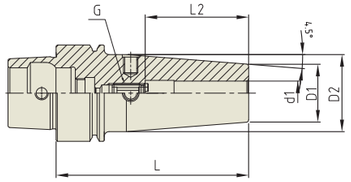


FIG.2



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)
25E	HSK25E-SFH3-45	P2771420	3	11	15	45	10	-	1	-
	HSK25E-SFH4-45	P2771421	4	11	15	45	12	-	1	-
	HSK25E-SFH5-45	P2771422	5	11	15	45	15	-	1	-
	HSK25E-SFH6-45	P2771423	6	12	17	45	18	-	2	-
	HSK25E-SFH8-45	P2771424	8	14	18	45	30	-	2	-
	HSK25E-SFH10-50	P2771425	10	16	20	50	37	-	2	-
32E	HSK32E-SFH3-60	P2771426	3	11	15	60	10	-	1	0.40
	HSK32E-SFH4-60	P2771427	4	11	15	60	12	-	1	0.50
	HSK32E-SFH5-60	P2771428	5	11	15	60	15	-	1	0.40
	HSK32E-SFH6-70	P2771429	6	12	17	70	18	-	2	0.50
	HSK32E-SFH8-70	P2771430	8	14	18	70	30	-	2	0.50
	HSK32E-SFH10-80	P2771431	10	16	20	80	37	-	2	0.60
40E	HSK40E-SFH3-60	P2771432	3	11	15	60	10	-	1	0.30
	HSK40E-SFH3-80	P2771433	3	11	15	80	10	-	1	0.40
	HSK40E-SFH4-60	P2771434	4	11	15	60	12	-	1	0.30
	HSK40E-SFH4-80	P2771435	4	11	15	80	12	-	1	0.40
	HSK40E-SFH5-60	P2771436	5	11	15	60	15	-	1	0.30
	HSK40E-SFH5-80	P2771437	5	11	15	80	15	-	1	0.40
	HSK40E-SFH6-60	P2771438	6	21	27	60	36	M5×0.8	2	0.40
	HSK40E-SFH6-80	P2771439	6	21	27	80	36	M5×0.8	2	0.50
	HSK40E-SFH8-70	P2771440	8	21	27	70	36	M6×1.0	2	0.40
	HSK40E-SFH8-90	P2771441	8	21	27	90	36	M6×1.0	2	0.50
	HSK40E-SFH10-70	P2771442	10	24	32	70	42	M8×1.0	2	0.50
	HSK40E-SFH10-90	P2771443	10	24	32	90	42	M8×1.0	2	0.60

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

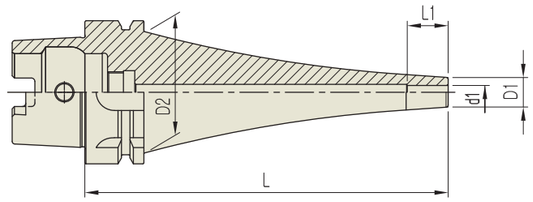
SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER (CURVED)

SCHRUMPFFUTTER (GEBOGEN)
MANDRIN DE FRETTAGE (INCURVÉ)
MADRINI PER CALLETAMENTO A CALDO (CURVO)
PORTAHERRAMIENTAS DE COMPRESION POR CALOR (CURVADO)

HSK-A



DIN 69893-HSK | 2.5G | 25,000 RPM | (LD) ≤3μm | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	WEIGHT (Kg)
63A	HSK63A-SFH4CV-120	P2785100CV	4	10	53	120	12	-
	HSK63A-SFH4CV-150	P2785101CV	4	10	53	150	12	-
	HSK63A-SFH6CV-90	P2785102CV	6	13	53	90	18	-
	HSK63A-SFH6CV-120	P2785103CV	6	13	53	120	18	-
	HSK63A-SFH6CV-150	P2785104CV	6	13	53	150	18	-
	HSK63A-SFH8CV-90	P2785105CV	8	16	53	90	24	-
	HSK63A-SFH8CV-120	P2785106CV	8	16	53	120	24	-
	HSK63A-SFH8CV-150	P2785107CV	8	16	53	150	24	-
	HSK63A-SFH10CV-90	P2785108CV	10	19	53	90	30	-
	HSK63A-SFH10CV-120	P2785109CV	10	19	53	120	30	-
	HSK63A-SFH10CV-150	P2785110CV	10	19	53	150	30	-
	HSK63A-SFH12CV-90	P2785111CV	12	22	53	90	30	-
	HSK63A-SFH12CV-120	P2785112CV	12	22	53	120	30	-
	HSK63A-SFH12CV-150	P2785113CV	12	22	53	150	30	-
100A	HSK100A-SFH8CV-195	P2785114CV	8	16	85	195	24	-
	HSK100A-SFH8CV-225	P2785115CV	8	16	85	225	24	-
	HSK100A-SFH10CV-165	P2785116CV	10	19	85	165	30	-
	HSK100A-SFH10CV-195	P2785117CV	10	19	85	195	30	-
	HSK100A-SFH10CV-225	P2785118CV	10	19	85	225	30	-
	HSK100A-SFH12CV-165	P2785119CV	12	22	85	165	30	-
	HSK100A-SFH12CV-195	P2785120CV	12	22	85	195	30	-
	HSK100A-SFH12CV-225	P2785121CV	12	22	85	225	30	-

▶ Inch type products are available.
▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

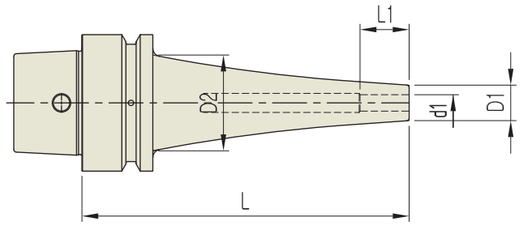
SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER (CURVED)

SCHRUMPFFUTTER (GEBOGEN)
MANDRIN DE FRETTAGE (INCURVÉ)
MADRINI PER CALLETAMENTO A CALDO (CURVO)
PORTAHERRAMIENTAS DE COMPRESION POR CALOR (CURVADO)

HSK-E



DIN 69893-HSK | 2.5G | 25,000 RPM | (LD) ≤3μm | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	D2	L	L1	WEIGHT (Kg)
40E	HSK40E-SFH4CV-90	P2785122CV	4	10	34	90	12	-
	HSK40E-SFH4CV-120	P2785123CV	4	10	34	120	12	-
	HSK40E-SFH6CV-90	P2785124CV	6	13	34	90	18	-
	HSK40E-SFH6CV-120	P2785125CV	6	13	34	120	18	-
	HSK40E-SFH8CV-90	P2785126CV	8	16	34	90	24	-
	HSK40E-SFH8CV-120	P2785127CV	8	16	34	120	24	-
	HSK40E-SFH10CV-90	P2785128CV	10	19	34	90	30	-
	HSK40E-SFH10CV-120	P2785129CV	10	19	34	120	30	-
50E	HSK50E-SFH4CV-120	P2785130CV	4	10	42	120	12	-
	HSK50E-SFH4CV-150	P2785131CV	4	10	42	150	12	-
	HSK50E-SFH6CV-120	P2785132CV	6	13	42	120	18	-
	HSK50E-SFH6CV-150	P2785133CV	6	13	42	150	18	-
	HSK50E-SFH8CV-120	P2785134CV	8	16	42	120	24	-
	HSK50E-SFH8CV-150	P2785135CV	8	16	42	150	24	-
	HSK50E-SFH10CV-150	P2785136CV	10	19	42	150	30	-

▶ Inch type products are available.
▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.

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 (MQL1)

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

HSK-A

FIG.1

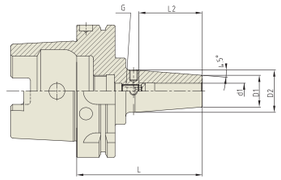
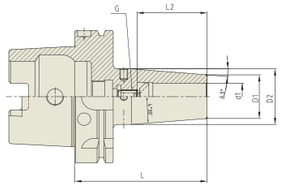


FIG.2



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)
63A	HSK63A-SFH6-80 M1	P2860010	6	21	27	80	36	M5×0.8	2	0.83
	HSK63A-SFH6-160 M1	P2860011	6	21	27	160	36	M5×0.8	2	1.00
	HSK63A-SFH8-80 M1	P2860012	8	21	27	80	36	M6×1.0	2	0.83
	HSK63A-SFH8-160 M1	P2860013	8	21	27	160	36	M6×1.0	2	1.00
	HSK63A-SFH10-85 M1	P2860014	10	24	32	85	42	M8×1.0	2	0.83
	HSK63A-SFH10-160 M1	P2860015	10	24	32	160	42	M8×1.0	2	1.00
	HSK63A-SFH12-90 M1	P2860016	12	24	32	90	47	M10×1.0	2	0.83
	HSK63A-SFH12-160 M1	P2860017	12	24	32	160	47	M10×1.0	2	1.00
	HSK63A-SFH14-90 M1	P2860018	14	27	34	90	47	M10×1.0	2	0.91
	HSK63A-SFH14-160 M1	P2860019	14	27	34	160	47	M10×1.0	2	1.30
	HSK63A-SFH16-95 M1	P2860020	16	27	34	95	50	M10×1.0	2	0.98
	HSK63A-SFH16-160 M1	P2860021	16	27	34	160	50	M10×1.0	2	1.40
	HSK63A-SFH18-95 M1	P2860022	18	33	42	95	50	M10×1.0	2	0.98
	HSK63A-SFH18-160 M1	P2860023	18	33	42	160	50	M10×1.0	2	1.40
	HSK63A-SFH20-100 M1	P2860024	20	33	42	100	52	M10×1.0	2	1.00
	HSK63A-SFH20-160 M1	P2860025	20	33	42	160	52	M10×1.0	2	1.40
	HSK63A-SFH25-115 M1	P2860026	25	44	53	115	58	M10×1.0	2	1.40
	HSK63A-SFH25-160 M1	P2860027	25	44	53	160	58	M10×1.0	2	1.80

▶ NEXT PAGE

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

SHRINK FIT HOLDER

SFH

SHRINK FIT HOLDER (MQL1)

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

HSK-A

FIG.1

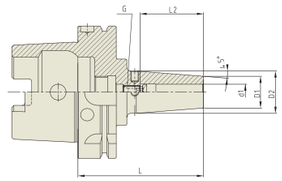
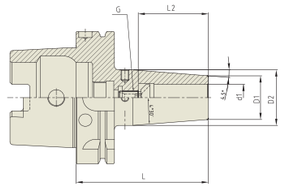


FIG.2



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.

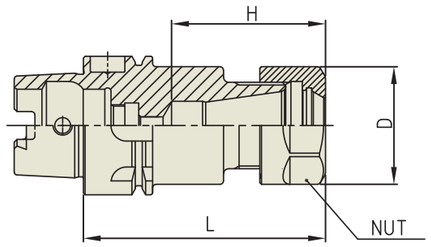
ER COLLET CHUCK

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	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.

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

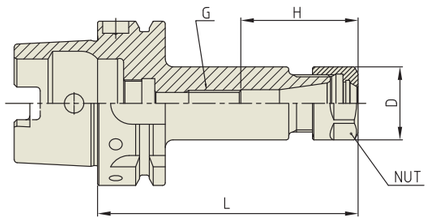
ER COLLET CHUCK

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	-

▶ NEXT PAGE

- ▶ 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.

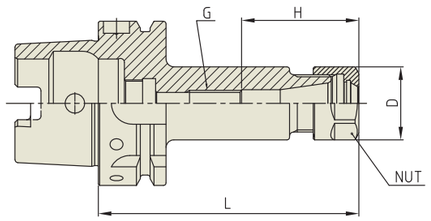
ER COLLET CHUCK

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

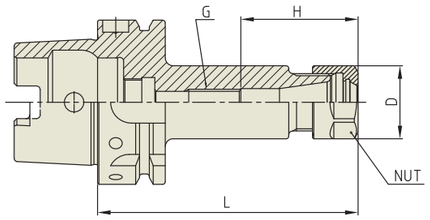
ER COLLET CHUCK

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	-
80A	HSK80A-ER16-100	P2771932	0.5 - 10.0	100	28	M10	45	ER16	1.77
	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.

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

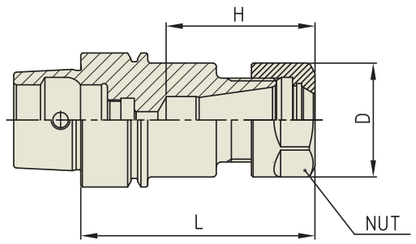
ER COLLET CHUCK

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.

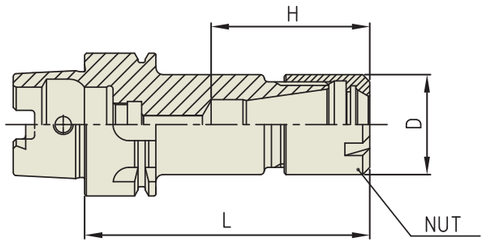
ER COLLET CHUCK

ER

ER COLLET CHUCK (SLIM)

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	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.

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-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

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

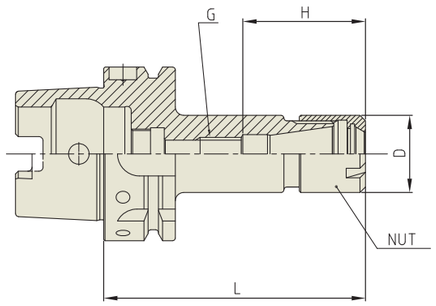
ER COLLET CHUCK

ER

ER COLLET CHUCK (SLIM)

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

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-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
	HSK63A-ER25M-130	P2802765	1.0 ~ 16.0	130	35	M12	52.0	ER25M / ER25	-
	HSK63A-ER25M-160	P2802766	1.0 ~ 16.0	160	35	M12	52.0	ER25M / ER25	-
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.

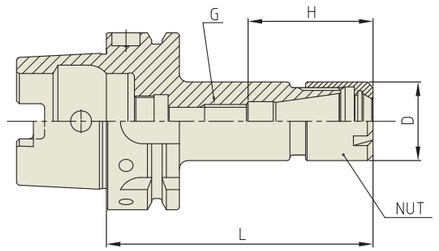
ER COLLET CHUCK

ER

ER COLLET CHUCK (SLIM)

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-ER11M-75	P2802501	0.5 - 7.0	75	16	M6	29.5	ER11M / ER11	0.30
	HSK50A-ER16M-85	P2802502	0.5 - 10.0	85	22	M10	38.0	ER16M / ER16	0.40
	HSK50A-ER20M-90	P2802503	0.5 - 13.0	90	28	M12	44.5	ER20M / ER20	0.80
	HSK50A-ER25M-105	P2802504	1.0 - 16.0	105	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	P2802767	0.5 - 7.0	130	16	M6	29.5	ER11M / ER11	-
	HSK63A-ER11M-160	P2802768	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	P2802769	0.5 - 10.0	100	22	M10	38.0	ER16M / ER16	-
	HSK63A-ER16M-130	P2802770	0.5 - 10.0	130	22	M10	38.0	ER16M / ER16	-
	HSK63A-ER16M-160	P2802771	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	P2802772	0.5 - 13.0	130	28	M12	44.5	ER20M / ER20	-
	HSK63A-ER20M-160	P2802773	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
	HSK63A-ER25M-130	P2802774	1.0 - 16.0	130	35	M12	52.0	ER25M / ER25	-
	HSK63A-ER25M-160	P2802775	1.0 - 16.0	160	35	M12	52.0	ER25M / ER25	-
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.
▶ 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

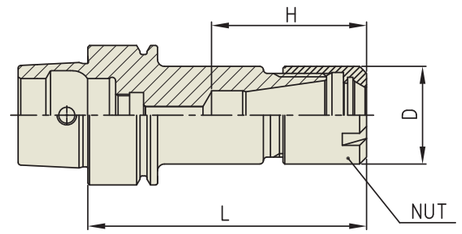
ER COLLET CHUCK

ER

ER COLLET CHUCK (SLIM)

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-ER8M-35	P2774928	0.5 - 5.0	35	12	21.0	ER8M / ER8	0.15
	HSK25E-ER11M-40	P2774929	0.5 - 7.0	40	16	24.5	ER11M / ER11	0.18
32E	HSK32E-ER8M-40	P2774930	0.5 - 5.0	40	12	21.0	ER8M / ER8	0.15
	HSK32E-ER11M-40	P2774931	0.5 - 7.0	40	16	23.0	ER11M / ER11	0.18
	HSK32E-ER16M-60	P2774932	0.5 - 10.0	60	22	38.0	ER16M / ER16	0.21
	HSK32E-ER20M-60	P2774933	0.5 - 13.0	60	28	39.5	ER20M / ER20	0.21
40E	HSK40E-ER11M-75	P2774934	0.5 - 7.0	75	16	29.5	ER11M / ER11	0.40
	HSK40E-ER16M-80	P2774935	0.5 - 10.0	80	22	38.0	ER16M / ER16	0.50
	HSK40E-ER20M-80	P2774936	0.5 - 13.0	80	28	44.5	ER20M / ER20	0.70
	HSK40E-ER25M-80	P2774937	1.0 - 16.0	80	35	52.0	ER25M / ER25	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-ER8M-35	P2771937	0.5 - 5.0	35	12	21.0	ER8M / ER8	0.10
	HSK25E-ER11M-40	P2771938	0.5 - 7.0	40	16	24.5	ER11M / ER11	0.10
32E	HSK32E-ER8M-40	P2774948	0.5 - 5.0	40	12	21.0	ER8M / ER8	0.15
	HSK32E-ER11M-40	P2774949	0.5 - 7.0	40	16	23.0	ER11M / ER11	0.15
	HSK32E-ER16M-60	P2774950	0.5 - 10.0	60	22	38.0	ER16M / ER16	0.21
	HSK32E-ER20M-60	P2774951	0.5 - 13.0	60	28	39.5	ER20M / ER20	0.20
40E	HSK40E-ER11M-75	P2771904	0.5 - 7.0	75	16	29.5	ER11M / ER11	0.40
	HSK40E-ER16M-80	P2771905	0.5 - 10.0	80	22	38.0	ER16M / ER16	0.50
	HSK40E-ER20M-80	P2771906	0.5 - 13.0	80	28	44.5	ER20M / ER20	0.70
	HSK40E-ER25M-80	P2771907	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.

END MILL HOLDER

EMH

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

HSK-A

FIG.1

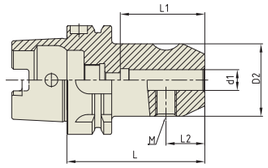
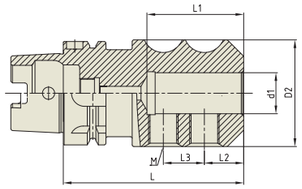


FIG.2



DIN 69893-HSK | 2.5G | 25,000 RPM | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D2	L	L1	L2	L3	M	FIG.	WEIGHT (Kg)
40A	HSK40A-EMH6-60	P2775522	6	25	60	38	18	-	M6	1	0.30
	HSK40A-EMH8-60	P2775523	8	28	60	38	18	-	M8	1	0.30
	HSK40A-EMH10-60	P2775524	10	35	60	42	20	-	M10	1	0.30
	HSK40A-EMH12-70	P2775525	12	42	70	47	22.5	-	M12	1	0.40
	HSK40A-EMH14-70	P2775526	14	44	70	47	22.5	-	M12	1	0.40
	HSK40A-EMH16-80	P2775527	16	48	80	50	24	-	M14	1	0.60
50A	HSK50A-EMH6-65	P2775528	6	25	65	38	18	-	M6	1	0.70
	HSK50A-EMH8-65	P2775529	8	28	65	38	18	-	M8	1	0.80
	HSK50A-EMH10-65	P2775530	10	35	65	42	20	-	M10	1	0.80
	HSK50A-EMH12-80	P2775531	12	42	80	47	22.5	-	M12	1	1.20
	HSK50A-EMH14-80	P2775532	14	44	80	47	22.5	-	M12	1	1.30
	HSK50A-EMH16-80	P2775533	16	48	80	50	24	-	M14	1	1.30
	HSK50A-EMH18-80	P2775534	18	50	80	50	24	-	M14	1	1.40
	HSK50A-EMH20-80	P2775535	20	52	80	52	25	-	M16	1	1.50
63A	HSK63A-EMH6-65	P2775501	6	25	65	35	18	-	M6	1	0.80
	HSK63A-EMH8-65	P2775502	8	28	65	38	18	-	M8	1	0.80
	HSK63A-EMH10-65	P2775503	10	35	65	42	20	-	M10	1	0.90
	HSK63A-EMH12-80	P2775504	12	42	80	47	22.5	-	M12	1	1.10
	HSK63A-EMH14-80	P2775505	14	44	80	47	22.5	-	M12	1	1.20
	HSK63A-EMH16-80	P2775506	16	48	80	50	24	-	M14	1	1.30
	HSK63A-EMH18-80	P2775507	18	50	80	50	24	-	M14	1	1.40
	HSK63A-EMH20-80	P2775508	20	52	80	52	25	-	M16	1	1.50
	HSK63A-EMH25-110	P2775509	25	65	110	60	24	25	M18	2	2.30
	HSK63A-EMH32-110	P2775510	32	72	110	64	24	28	M20	2	2.60
100A	HSK100A-EMH6-80	P2775511	6	25	80	35	18	-	M6	1	0.80
	HSK100A-EMH8-80	P2775512	8	28	80	35	18	-	M8	1	0.80
	HSK100A-EMH10-80	P2775513	10	35	80	39	20	-	M10	1	0.90
	HSK100A-EMH12-80	P2775514	12	42	80	47	22.5	-	M12	1	1.10
	HSK100A-EMH14-80	P2775515	14	44	80	47	22.5	-	M12	1	1.20
	HSK100A-EMH16-100	P2775516	16	48	100	50	24	-	M14	1	1.30
	HSK100A-EMH18-100	P2775517	18	50	100	50	24	-	M14	1	1.40
	HSK100A-EMH20-100	P2775518	20	52	100	52	25	-	M16	1	1.50
	HSK100A-EMH25-100	P2775519	25	65	100	60	24	25	M18	2	2.30
	HSK100A-EMH32-100	P2775520	32	72	100	64	24	28	M20	2	2.60
	HSK100A-EMH40-120	P2775521	40	80	120	74	30	32	M20	2	2.60

- 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

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

HSK-A

FIG.1

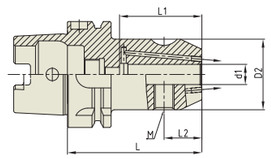
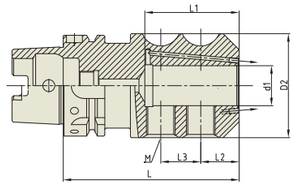


FIG.2



DIN 69893-HSK | 2.5G | 25,000 RPM | AD+C

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D2	L	L1	L2	L3	M	FIG.	WEIGHT (Kg)
40A	HSK40A-EMH6C-60	P2563061	6	25	60	38	18	-	M6	1	0.30
	HSK40A-EMH8C-60	P2563062	8	28	60	38	18	-	M8	1	0.30
	HSK40A-EMH10C-60	P2563063	10	35	60	42	20	-	M10	1	0.30
	HSK40A-EMH12C-70	P2563064	12	42	70	47	22.5	-	M12	1	0.40
	HSK40A-EMH14C-70	P2563065	14	44	70	47	22.5	-	M12	1	0.40
	HSK40A-EMH16C-80	P2563066	16	48	80	50	24	-	M14	1	0.60
50A	HSK50A-EMH6C-65	P2563067	6	25	65	38	18	-	M6	1	0.70
	HSK50A-EMH8C-65	P2563068	8	28	65	38	18	-	M8	1	0.80
	HSK50A-EMH10C-65	P2563069	10	35	65	42	20	-	M10	1	0.80
	HSK50A-EMH12C-80	P2563070	12	42	80	47	22.5	-	M12	1	1.20
	HSK50A-EMH14C-80	P2563071	14	44	80	47	22.5	-	M12	1	1.30
	HSK50A-EMH16C-80	P2563072	16	48	80	50	24	-	M14	1	1.30
	HSK50A-EMH18C-80	P2563073	18	50	80	50	24	-	M14	1	1.40
	HSK50A-EMH20C-80	P2563074	20	52	80	52	25	-	M16	1	1.50
63A	HSK63A-EMH6C-65	P2563021	6	25	65	35	18	-	M6	1	0.80
	HSK63A-EMH8C-65	P2563022	8	28	65	40	18	-	M8	1	0.80
	HSK63A-EMH10C-65	P2563023	10	35	65	40.5	20	-	M10	1	0.90
	HSK63A-EMH12C-80	P2563024	12	42	80	49	22.5	-	M12	1	1.10
	HSK63A-EMH14C-80	P2563025	14	44	80	49	22.5	-	M12	1	1.20
	HSK63A-EMH16C-80	P2563026	16	48	80	52	24	-	M14	1	1.30
	HSK63A-EMH18C-80	P2563027	18	50	80	52	24	-	M14	1	1.40
	HSK63A-EMH20C-80	P2563028	20	52	80	53	25	-	M16	1	1.50
	HSK63A-EMH25C-110	P2563029	25	65	110	59	24	25	M18	2	2.30
	HSK63A-EMH32C-110	P2563030	32	72	110	63	24	28	M20	2	2.60
100A	HSK100A-EMH6C-80	P2563059	6	25	80	35	18	-	M6	1	0.80
	HSK100A-EMH8C-80	P2563060	8	28	80	35	18	-	M8	1	0.80
	HSK100A-EMH10C-80	P2563052	10	35	80	35.5	20	-	M10	1	0.90
	HSK100A-EMH12C-80	P2563053	12	42	80	49	22.5	-	M12	1	1.10
	HSK100A-EMH14C-80	P2563054	14	44	80	49	22.5	-	M12	1	1.20
	HSK100A-EMH16C-100	P2563055	16	48	100	52	24	-	M14	1	1.30
	HSK100A-EMH18C-100	P2563056	18	50	100	52	24	-	M14	1	1.40
	HSK100A-EMH20C-100	P2563057	20	52	100	53	25	-	M16	1	1.50
	HSK100A-EMH25C-100	P2563058	25	65	100	59	24	25	M18	2	2.30
	HSK100A-EMH32C-100	P2772801	32	72	100	63	24	28	M20	2	2.60
	HSK100A-EMH40C-120	P2772802	40	80	120	73	30	32	M20	2	2.60

- 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.

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

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

HSK-A

FIG.1

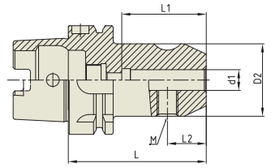
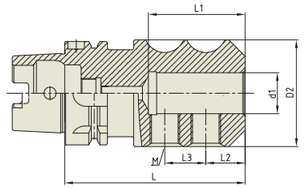


FIG.2



DIN 69893-HSK | 6.3G | 15,000 RPM | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D2	L	L1	L2	L3	M	FIG.	WEIGHT (Kg)
40A	HSK40A-EMH6-60	P2775522	6	25	60	38	18	-	M6	1	0.30
	HSK40A-EMH8-60	P2775523	8	28	60	38	18	-	M8	1	0.30
	HSK40A-EMH10-60	P2775524	10	35	60	42	20	-	M10	1	0.30
	HSK40A-EMH12-70	P2775525	12	42	70	47	22.5	-	M12	1	0.40
	HSK40A-EMH14-70	P2775526	14	44	70	47	22.5	-	M12	1	0.40
	HSK40A-EMH16-80	P2775527	16	48	80	50	24	-	M14	1	0.60
50A	HSK50A-EMH6-65	P2775528	6	25	65	38	18	-	M6	1	0.70
	HSK50A-EMH8-65	P2775529	8	28	65	38	18	-	M8	1	0.80
	HSK50A-EMH10-65	P2775530	10	35	65	42	20	-	M10	1	0.80
	HSK50A-EMH12-80	P2775531	12	42	80	47	22.5	-	M12	1	1.20
	HSK50A-EMH14-80	P2775532	14	44	80	47	22.5	-	M12	1	1.30
	HSK50A-EMH16-80	P2775533	16	48	80	50	24	-	M14	1	1.30
	HSK50A-EMH18-80	P2775534	18	50	80	50	24	-	M14	1	1.40
	HSK50A-EMH20-80	P2775535	20	52	80	52	25	-	M16	1	1.50
63A	HSK63A-EMH6-65	P2775501	6	25	65	35	18	-	M6	1	0.80
	HSK63A-EMH8-65	P2775502	8	28	65	38	18	-	M8	1	0.80
	HSK63A-EMH10-65	P2775503	10	35	65	42	20	-	M10	1	0.90
	HSK63A-EMH12-80	P2775504	12	42	80	47	22.5	-	M12	1	1.10
	HSK63A-EMH14-80	P2775505	14	44	80	47	22.5	-	M12	1	1.20
	HSK63A-EMH16-80	P2775506	16	48	80	50	24	-	M14	1	1.30
	HSK63A-EMH18-80	P2775507	18	50	80	50	24	-	M14	1	1.40
	HSK63A-EMH20-80	P2775508	20	52	80	52	25	-	M16	1	1.50
	HSK63A-EMH25-110	P2775509	25	65	110	60	24	25	M18	2	2.30
	HSK63A-EMH32-110	P2775510	32	72	110	64	24	28	M20	2	2.60
100A	HSK100A-EMH6-80	P2775511	6	25	80	35	18	-	M6	1	0.80
	HSK100A-EMH8-80	P2775512	8	28	80	35	18	-	M8	1	0.80
	HSK100A-EMH10-80	P2775513	10	35	80	39	20	-	M10	1	0.90
	HSK100A-EMH12-80	P2775514	12	42	80	47	22.5	-	M12	1	1.10
	HSK100A-EMH14-80	P2775515	14	44	80	47	22.5	-	M12	1	1.20
	HSK100A-EMH16-100	P2775516	16	48	100	50	24	-	M14	1	1.30
	HSK100A-EMH18-100	P2775517	18	50	100	50	24	-	M14	1	1.40
	HSK100A-EMH20-100	P2775518	20	52	100	52	25	-	M16	1	1.50
	HSK100A-EMH25-100	P2775519	25	65	100	60	24	25	M18	2	2.30
	HSK100A-EMH32-100	P2775520	32	72	100	64	24	28	M20	2	2.60
	HSK100A-EMH40-120	P2775521	40	80	120	74	30	32	M20	2	2.60

▶ 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.

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

HSK-A

FIG.1

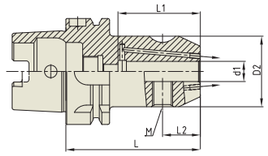
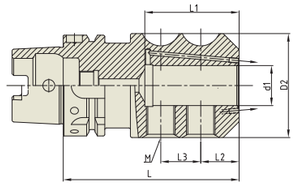


FIG.2



DIN 69893-HSK | 6.3G | 15,000 RPM | AD+C

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D2	L	L1	L2	L3	M	FIG.	WEIGHT (Kg)
40A	HSK40A-EMH6C-60	P2777222	6	25	60	38	18	-	M6	1	0.30
	HSK40A-EMH8C-60	P2777223	8	28	60	38	18	-	M8	1	0.30
	HSK40A-EMH10C-60	P2777224	10	35	60	42	20	-	M10	1	0.30
	HSK40A-EMH12C-70	P2777225	12	42	70	47	22.5	-	M12	1	0.40
	HSK40A-EMH14C-70	P2777226	14	44	70	47	22.5	-	M12	1	0.40
	HSK40A-EMH16C-80	P2777227	16	48	80	50	24	-	M14	1	0.60
50A	HSK50A-EMH6C-65	P2777228	6	25	65	38	18	-	M6	1	0.70
	HSK50A-EMH8C-65	P2777229	8	28	65	38	18	-	M8	1	0.80
	HSK50A-EMH10C-65	P2777230	10	35	65	42	20	-	M10	1	0.80
	HSK50A-EMH12C-80	P2777231	12	42	80	47	22.5	-	M12	1	1.20
	HSK50A-EMH14C-80	P2777232	14	44	80	47	22.5	-	M12	1	1.30
	HSK50A-EMH16C-80	P2777233	16	48	80	50	24	-	M14	1	1.30
	HSK50A-EMH18C-80	P2777234	18	50	80	50	24	-	M14	1	1.40
	HSK50A-EMH20C-80	P2777235	20	52	80	52	25	-	M16	1	1.50
63A	HSK63A-EMH6C-65	P2777201	6	25	65	35	18	-	M6	1	0.80
	HSK63A-EMH8C-65	P2777202	8	28	65	38	18	-	M8	1	0.80
	HSK63A-EMH10C-65	P2777203	10	35	65	42	20	-	M10	1	0.90
	HSK63A-EMH12C-80	P2777204	12	42	80	47	22.5	-	M12	1	1.10
	HSK63A-EMH14C-80	P2777206	14	44	80	47	22.5	-	M12	1	1.20
	HSK63A-EMH16C-80	P2777205	16	48	80	50	24	-	M14	1	1.30
	HSK63A-EMH18C-80	P2777207	18	50	80	50	24	-	M14	1	1.40
	HSK63A-EMH20C-80	P2777208	20	52	80	52	25	-	M16	1	1.50
	HSK63A-EMH25C-110	P2777209	25	65	110	60	24	25	M18	2	2.30
	HSK63A-EMH32C-110	P2777210	32	72	110	64	24	28	M20	2	2.60
100A	HSK100A-EMH6C-80	P2777211	6	25	80	35	18	-	M6	1	0.80
	HSK100A-EMH8C-80	P2777212	8	28	80	35	18	-	M8	1	0.80
	HSK100A-EMH10C-80	P2777213	10	35	80	35.5	20	-	M10	1	0.90
	HSK100A-EMH12C-80	P2777214	12	42	80	49	22.5	-	M12	1	1.10
	HSK100A-EMH14C-80	P2777215	14	44	80	49	22.5	-	M12	1	1.20
	HSK100A-EMH16C-100	P2777216	16	48	100	52	24	-	M14	1	1.30
	HSK100A-EMH18C-100	P2777217	18	50	100	52	24	-	M14	1	1.40
	HSK100A-EMH20C-100	P2777218	20	52	100	53	25	-	M16	1	1.50
	HSK100A-EMH25C-100	P2777219	25	65	100	59	24	25	M18	2	2.30
	HSK100A-EMH32C-100	P2777220	32	72	100	63	24	28	M20	2	2.60
	HSK100A-EMH40C-120	P2777221	40	80	120	73	30	32	M20	2	2.60

▶ 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

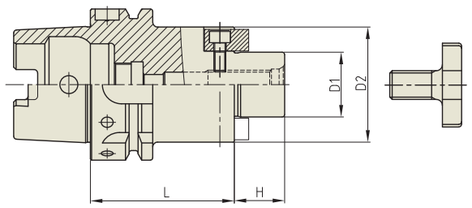
SHELL MILL ARBOR

SMA

SHELL MILL ARBOR

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

HSK-A



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

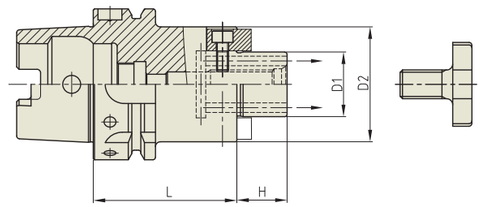
SHELL MILL ARBOR

SMA

SHELL MILL ARBOR (COOLANT CHANNEL & SMALL FACE)

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

HSK-A



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.

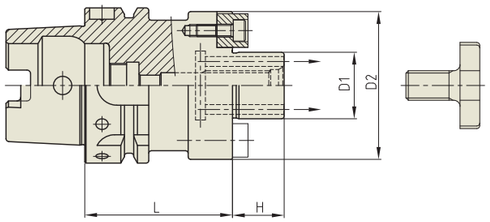
SHELL MILL ARBOR

SMA

SHELL MILL ARBOR (COOLANT CHANNEL & LARGE FACE)

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

HSK-A



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-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
	HSK63A-SMA40CE-60	P2803312CE	40	89	60	27	M20x30L	1.99
100A	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.

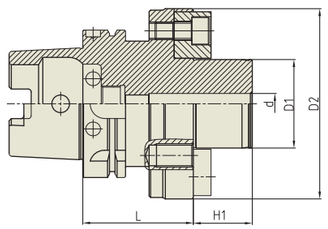
SHELL MILL ARBOR

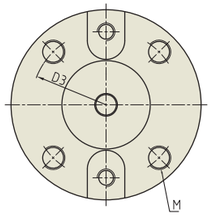
SMF

SHELL MILL ARBOR (FLANGE MOUNTING)

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

HSK-A





DIN 69893-HSK | 6.3G | 15,000 RPM | AD

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.

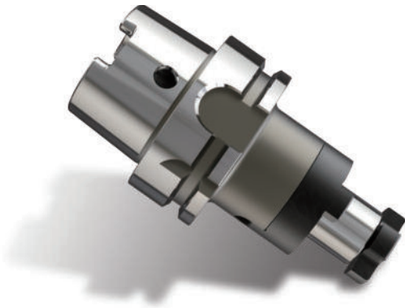
COMBI-SHELL MILL ARBOR

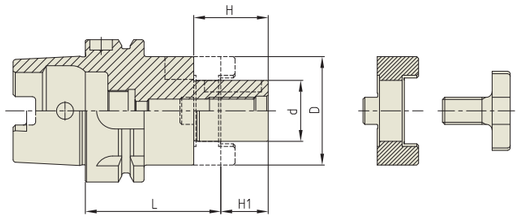
CMA

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.

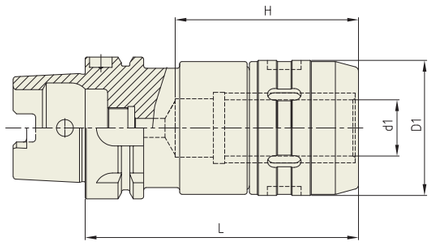
POWER MILLING CHUCK

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.

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

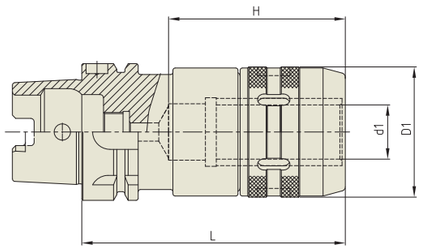
POWER MILLING CHUCK

C

POWER MILLING CHUCK

FRÄSERSPANNFUTTER
MANDRIN PORTE FRAISE
MANDRINI PORTA FRESA
PORTAHERRAMIENTAS PARA FRESADO

HSK-A



DIN 69893-HSK | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	L	H	WEIGHT (Kg)
50A	HSK50A-C20-100	P2773151	20	54	100	70	1.30
63A	HSK63A-C20-105	P2773152	20	54	105	70	1.50
	HSK63A-C32-130	P2600032	32	72	130	100	2.70
100A	HSK100A-C20-110	P2773153	20	54	110	70	3.50
	HSK100A-C32-135	P2773154	32	72	135	100	4.20
	HSK100A-C42-135	P2773155	42	92	135	100	5.30

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

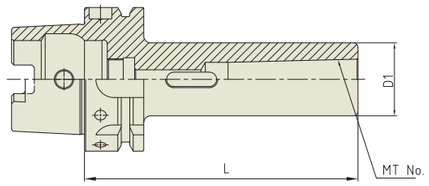
MORSE TAPER ARBOR

MTA

MORSE TAPER ARBOR

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

HSK-A



DIN 69893-HSK | 6.3G | 15,000 RPM | A

Unit : mm

TAPER No.	MODEL No.	EDP No.	MT No.	D1	L	WEIGHT (Kg)
50A	HSK50A-MTA1-100	P2565005	1	25	100	0.67
	HSK50A-MTA2-120	P2565006	2	32	120	0.78
	HSK50A-MTA3-140	P2565007	3	40	140	0.91
63A	HSK63A-MTA1-100	P2565001	1	25	100	0.87
	HSK63A-MTA2-120	P2565002	2	32	120	1.28
	HSK63A-MTA3-140	P2565003	3	40	140	1.44
	HSK63A-MTA4-160	P2565004	4	48	160	1.86
100A	HSK100A-MTA1-110	P2565011	1	25	110	2.12
	HSK100A-MTA2-120	P2565012	2	32	120	2.41
	HSK100A-MTA3-150	P2565013	3	40	150	2.82
	HSK100A-MTA4-170	P2565014	4	48	170	3.63
	HSK100A-MTA5-200	P2565015	5	63	200	4.80

▶ 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

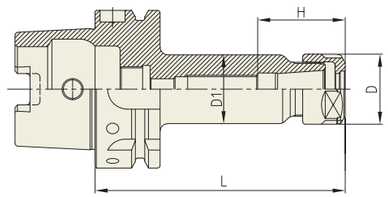
SK SLIM CHUCK

SKA

SK SLIM CHUCK

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

HSK-A



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)
32A	HSK32A-SKA06-50	P2775860	1.8 - 6.0	50	20	19.5	31	SKC6	0.50
	HSK32A-SKA10-60	P2775861	1.75 - 10.0	60	28	26	35	SKC10	0.70
40A	HSK40A-SKA06-60	P2775862	1.8 - 6.0	60	20	19.5	31	SKC6	0.70
	HSK40A-SKA10-60	P2775863	1.75 - 10.0	60	28	27.5	35	SKC10	0.90
	HSK40A-SKA13-80	P2775864	2.75 - 13.0	80	33	33	43.6	SKC13	1.00
50A	HSK50A-SKA06-80	P2775865	1.8 - 6.0	80	20	19.5	31	SKC6	0.90
	HSK50A-SKA10-100	P2775866	1.75 - 10.0	100	28	27.5	35	SKC10	1.10
	HSK50A-SKA13-100	P2775867	2.75 - 13.0	100	33	33	43.6	SKC13	1.20
63A	HSK63A-SKA06-100	P2775868	1.8 - 6.0	100	20	19.5	31	SKC6	1.40
	HSK63A-SKA10-100	P2775869	1.75 - 10.0	100	28	27.5	35	SKC10	1.60
	HSK63A-SKA13-100	P2775870	2.75 - 13.0	100	33	33	43.6	SKC13	1.70
	HSK63A-SKA16-120	P2775871	2.75 - 16.0	120	40	40	52	SKC16	1.70
	HSK63A-SKA20-120	P2775872	3.5 - 20.0	120	48.5	48.5	59.6	SKC20	2.10
	HSK63A-SKA25-150	P2775873	16.0 - 25.4	150	55	55	63.4	SKC25	2.40
80A	HSK80A-SKA06-120	P2775893	1.8 - 6.0	120	20	19.5	31	SKC6	1.60
	HSK80A-SKA10-120	P2775875	1.75 - 10.0	120	28	27.5	35	SKC10	1.72
	HSK80A-SKA13-120	P2775876	2.75 - 13.0	120	33	33	43.6	SKC13	1.79
	HSK80A-SKA16-120	P2775877	2.75 - 16.0	120	40	40	52	SKC16	1.96
	HSK80A-SKA20-130	P2775878	3.5 - 20.0	130	48.5	48.5	59.6	SKC20	2.39
	HSK80A-SKA25-150	P2775879	16.0 - 25.4	150	55	55	63.4	SKC25	2.82
100A	HSK100A-SKA06-120	P2775880	1.8 - 6.0	120	20	19.5	31	SKC6	4.00
	HSK100A-SKA10-150	P2775881	1.75 - 10.0	150	28	27.5	35	SKC10	4.50
	HSK100A-SKA13-150	P2775882	2.75 - 13.0	150	33	33	43.6	SKC13	4.60
	HSK100A-SKA16-150	P2775883	2.75 - 16.0	150	40	40	52	SKC16	5.10
	HSK100A-SKA20-150	P2775884	3.5 - 20.0	150	48.5	48.5	59.6	SKC20	5.40
	HSK100A-SKA25-160	P2775885	16.0 - 25.4	160	55	55	63.4	SKC25	5.50

▶ Inch type products are available.
▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
▶ For applicable Collet, Nut and Spanner, please refer to page D315~D317.

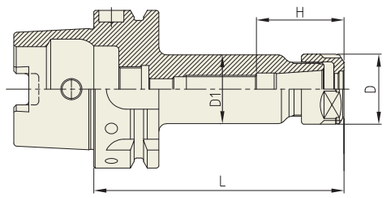
SK SLIM CHUCK

SKA

SK SLIM CHUCK

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

HSK-A



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)
32A	HSK32A-SKA06-50	P2775860	1.8 - 6.0	50	20	19.5	31	SKC6	0.50
	HSK32A-SKA10-60	P2775861	1.75 - 10.0	60	28	26	35	SKC10	0.70
40A	HSK40A-SKA06-60	P2775862	1.8 - 6.0	60	20	19.5	31	SKC6	0.70
	HSK40A-SKA10-60	P2775863	1.75 - 10.0	60	28	27.5	35	SKC10	0.90
	HSK40A-SKA13-80	P2775864	2.75 - 13.0	80	33	33	43.6	SKC13	1.00
50A	HSK50A-SKA06-80	P2775865	1.8 - 6.0	80	20	19.5	31	SKC6	0.90
	HSK50A-SKA10-100	P2775866	1.75 - 10.0	100	28	27.5	35	SKC10	1.10
	HSK50A-SKA13-100	P2775867	2.75 - 13.0	100	33	33	43.6	SKC13	1.20
63A	HSK63A-SKA06-100	P2775868	1.8 - 6.0	100	20	19.5	31	SKC6	1.40
	HSK63A-SKA10-100	P2775869	1.75 - 10.0	100	28	27.5	35	SKC10	1.60
	HSK63A-SKA13-100	P2775870	2.75 - 13.0	100	33	33	43.6	SKC13	1.70
	HSK63A-SKA16-120	P2775871	2.75 - 16.0	120	40	40	52	SKC16	1.70
	HSK63A-SKA20-120	P2775872	3.5 - 20.0	120	48.5	48.5	59.6	SKC20	2.10
	HSK63A-SKA25-150	P2775873	16.0 - 25.4	150	55	55	63.4	SKC25	2.40
80A	HSK80A-SKA06-120	P2775893	1.8 - 6.0	120	20	19.5	31	SKC6	1.60
	HSK80A-SKA10-120	P2775875	1.75 - 10.0	120	28	27.5	35	SKC10	1.72
	HSK80A-SKA13-120	P2775876	2.75 - 13.0	120	33	33	43.6	SKC13	1.79
	HSK80A-SKA16-120	P2775877	2.75 - 16.0	120	40	40	52	SKC16	1.96
	HSK80A-SKA20-130	P2775878	3.5 - 20.0	130	48.5	48.5	59.6	SKC20	2.39
	HSK80A-SKA25-150	P2775879	16.0 - 25.4	150	55	55	63.4	SKC25	2.82
100A	HSK100A-SKA06-120	P2775880	1.8 - 6.0	120	20	19.5	31	SKC6	4.00
	HSK100A-SKA10-150	P2775881	1.75 - 10.0	150	28	27.5	35	SKC10	4.50
	HSK100A-SKA13-150	P2775882	2.75 - 13.0	150	33	33	43.6	SKC13	4.60
	HSK100A-SKA16-150	P2775883	2.75 - 16.0	150	40	40	52	SKC16	5.10
	HSK100A-SKA20-150	P2775884	3.5 - 20.0	150	48.5	48.5	59.6	SKC20	5.40
	HSK100A-SKA25-160	P2775885	16.0 - 25.4	160	55	55	63.4	SKC25	5.50

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

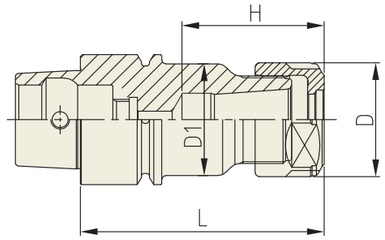
SK SLIM CHUCK

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.

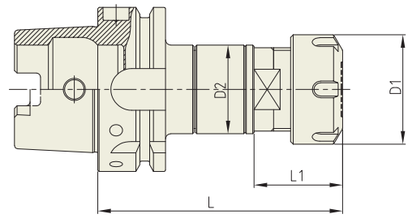
SYNCHRO TAPPING CHUCK

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.

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

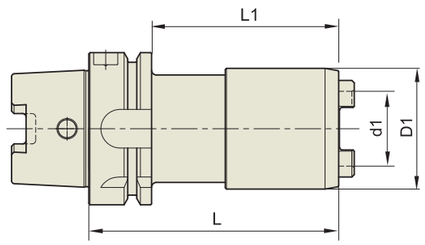
SYNCHRO TAPPING CHUCK

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 A

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
100A	HSK100A-SYTC12-75	P2774308	M3-M12	TCS12	19	36	75	43	2.20
	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.

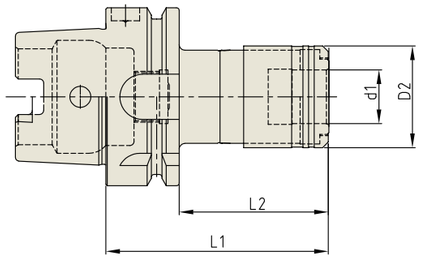
ONE STEP TAPPING CHUCK

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 A

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.

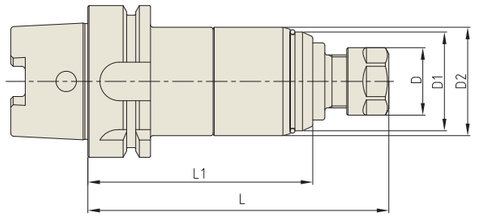
TAPPING ER CHUCK

TER

TAPPING ER CHUCK

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

HSK-A



DIN 69893-HSK

A

Unit : mm

TAPER No.	MODEL No.	EDP No.	D	D1	D2	L	L1	NUT / COLLET	WEIGHT (Kg)
50A	HSK50A-TER16-125	P2774107	28	41	45	125	93.4	ER16	1.20
	HSK50A-TER16-150	P2774108	28	41	45	150	118.4	ER16	1.30
63A	HSK63A-TER16-125	P2774101	28	41	45	125	93.4	ER16	1.70
	HSK63A-TER16-150	P2774102	28	41	45	150	118.4	ER16	1.85
	HSK63A-TER32-150	P2774103	50	58	63	150	112	ER32	2.10
	HSK63A-TER32-180	P2774109	50	58	63	180	142	ER32	2.30
100A	HSK100A-TER16-130	P2774104	28	41	45	130	98.4	ER16	4.00
	HSK100A-TER16-150	P2774105	28	41	45	150	118.4	ER16	4.20
	HSK100A-TER32-150	P2774106	50	58	63	150	112	ER32	4.40
	HSK100A-TER32-180	P2774110	50	58	63	180	142	ER32	4.60

▶ Inch type products are available.
▶ ER collet of page D296~D302 and Tap ER collet of page D303~D304 are applicable.

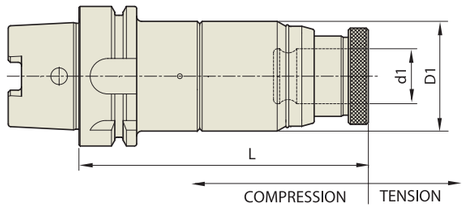
TAPPING CHUCK

TC

TAPPING CHUCK

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

HSK-A



DIN 69893-HSK

A

Unit : mm

TAPER No.	MODEL No.	EDP No.	TAP SIZE	TAP ADAPTOR	LENGTH COMPENSATION		d1	D1	L	WEIGHT (Kg)
					Compression	Tension				
50A	HSK50A-TC12-120	P2774506	M3-M12	TCS12	5	15	19	45	120	0.80
63A	HSK63A-TC12-120	P2774501	M3-M12	TCS12	5	15	19	45	120	1.00
	HSK63A-TC12-150	P2774507	M3-M12	TCS12	5	15	19	45	150	1.70
	HSK63A-TC24-142	P2774502	M6-M24	TCS24	5	20	31	63	142	2.40
	HSK63A-TC24-172	P2774508	M6-M24	TCS24	5	20	31	63	172	2.70
100A	HSK100A-TC12-130	P2774503	M3-M12	TCS12	5	15	19	45	130	4.30
	HSK100A-TC12-175	P2774509	M3-M12	TCS12	5	15	19	45	175	4.80
	HSK100A-TC12-220	P2774510	M3-M12	TCS12	5	15	19	45	220	5.30
	HSK100A-TC24-142	P2774504	M6-M24	TCS24	5	20	31	63	142	5.20
	HSK100A-TC24-187	P2774511	M6-M24	TCS24	5	20	31	63	187	6.60
	HSK100A-TC38-200	P2774505	M18-M38	TCS38	10	25	48	98	200	8.00

▶ 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

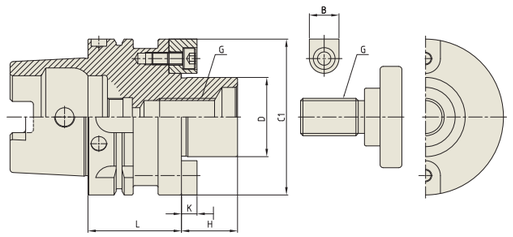
FACE MILL ARBOR

FMA

FACE MILL ARBOR

AUFNAHMEDORN FÜR MESSERKÖPFE
ARBRE PORTE FRAISE À ALÉSAGE
MANDRINO PORTA FRESE FRONTALE
EJE PARA PLATOS DE PLACAS

HSK-A



DIN 69893-HSK | 6.3G | 15,000 RPM | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	D	L	C1	H	B	K	G	WEIGHT (Kg)
40A	HSK40A-FMA25.4-50	P2779243	25.4	50	50	22	9.52	4.8	M12	0.61
50A	HSK50A-FMA25.4-60	P2779244	25.4	60	50	22	9.52	4.8	M12	0.90
63A	HSK63A-FMA25.4-45	P2779245	25.4	45	50	22	9.52	4.8	M12	1.03
	HSK63A-FMA31.75-50	P2779246	31.75	50	60	30	12.7	6.35	M16	1.26
100A	HSK100A-FMA25.4-45	P2779247	25.4	45	50	22	9.52	4.8	M12	2.31
	HSK100A-FMA31.75-50	P2779248	31.75	50	60	30	12.7	6.35	M16	2.61
	HSK100A-FMA38.1-55	P2779249	38.1	55	80	34	15.87	7.8	M20	3.22
	HSK100A-FMA50.8-60	P2779250	50.8	60	100	36	19.05	11	M24	4.06

▶ For parts, please refer to page D313.

FACE MILL ARBOR

FMC

FACE MILL ARBOR

AUFNAHMEDORN FÜR MESSERKÖPFE
ARBRE PORTE FRAISE À ALÉSAGE
MANDRINO PORTA FRESE FRONTALE
EJE PARA PLATOS DE PLACAS

HSK-A

FIG.1

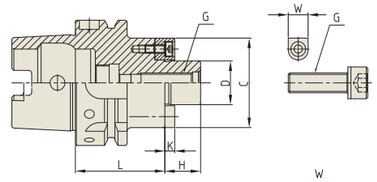
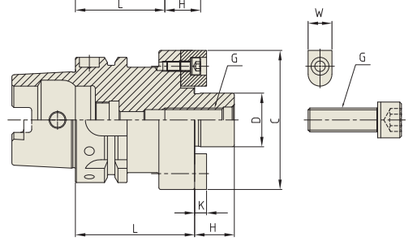


FIG.2



DIN 69893-HSK | 6.3G | 15,000 RPM | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	D	L	C	H	W	K	G	FIG.	WEIGHT (Kg)
40A	HSK40A-FMC16-45	P2774707	16	45	34	17	8	4	M8	1	0.43
	HSK40A-FMC22-50	P2774708	22	50	45	18	10	5	M10	2	0.56
	HSK40A-FMC27-60	P2774709	27	60	70	20	12	6	M12	2	1.02
50A	HSK50A-FMC16-40	P2774710	16	40	34	17	8	4	M8	1	0.54
	HSK50A-FMC22-50	P2774711	22	50	45	18	10	5	M10	2	0.73
	HSK50A-FMC27-60	P2774712	27	60	70	20	12	6	M12	2	1.20
63A	HSK63A-FMC22-45	P2774701	22	45	45	18	10	5	M10	1	0.97
	HSK63A-FMC27-60	P2774702	27	60	70	20	12	6	M12	2	1.57
	HSK63A-FMC32-60	P2774703	32	60	83	22	14	7	M16	2	1.81
100A	HSK100A-FMC22-50	P2774704	22	50	45	18	10	5	M10	1	2.33
	HSK100A-FMC27-60	P2774705	27	60	70	20	12	6	M12	1	3.02
	HSK100A-FMC32-60	P2774706	32	60	85	22	14	7	M16	1	3.41

▶ 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

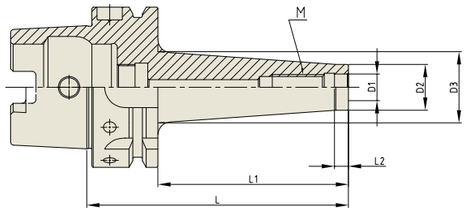
COPY MILL ARBOR

M

COPY MILL ARBOR

WERKZEUGAUFNAHME FÜR EINSCHRAUBFRÄSER MIT GEWINDE
MANDRIN POUR FRAISES À QUEUE FILETÉE AVEC FILETAGE
MANDRINO PER FRESE MODULARI FILETTATE
PORTAHERRAMIENTAS PARA FRESAS DE ENROSCAR CON ROSCA

HSK-A



DIN 69893-HSK | 2.5G | 25,000 RPM | (LD) ≤3μm | AD

Unit : mm

TAPER No.	MODEL No. (M-L1)	EDP No.	D1	D2	D3	L	L1	L2	WEIGHT (Kg)
63A	HSK63A-M5-25	P2801801	5.5	10	13	51	25	5	0.77
	HSK63A-M6-25	P2801802	6.5	10	13	51	25	5	0.77
	HSK63A-M8-25	P2801803	8.5	13	15	51	25	5	0.81
	HSK63A-M8-50	P2801804	8.5	13	23	76	50	5	1.09
	HSK63A-M8-75	P2801805	8.5	13	23	101	75	5	1.29
	HSK63A-M10-25	P2801806	10.5	18	20	51	25	5	0.90
	HSK63A-M10-50	P2801807	10.5	18	23	76	50	5	1.20
	HSK63A-M10-75	P2801808	10.5	18	28	101	75	5	1.33
	HSK63A-M10-100	P2801809	10.5	18	32	126	100	5	1.45
	HSK63A-M10-150	P2801810	10.5	18	36.5	176	150	5	1.60
	HSK63A-M12-25	P2801811	12.5	21	24	51	25	5	0.98
	HSK63A-M12-50	P2801812	12.5	21	24	76	50	5	1.29
	HSK63A-M12-75	P2801813	12.5	21	31	101	75	5	1.92
	HSK63A-M12-100	P2801814	12.5	21	33	126	100	5	2.48
	HSK63A-M12-150	P2801815	12.5	21	40	176	150	5	4.19
	HSK63A-M16-25	P2801816	17	29	29	51	25	5	0.78
	HSK63A-M16-50	P2801817	17	29	34	76	50	5	1.85
	HSK63A-M16-75	P2801818	17	29	34	101	75	5	2.46
	HSK63A-M16-100	P2801819	17	29	36	126	100	5	3.23
	HSK63A-M16-150	P2801820	17	29	42.5	176	150	5	5.39
100A	HSK100A-M8-50	P2801821	8.5	13	23	79	50	5	2.33
	HSK100A-M10-50	P2801822	10.5	18	23	79	50	5	2.35
	HSK100A-M10-100	P2801823	10.5	18	32	129	100	10	2.59
	HSK100A-M10-150	P2801824	10.5	18	36.5	179	150	10	2.90
	HSK100A-M12-50	P2801825	12.5	21	24	79	50	5	2.37
	HSK100A-M12-100	P2801826	12.5	21	33	129	100	10	2.64
	HSK100A-M12-150	P2801827	12.5	21	40	179	150	10	3.05
	HSK100A-M16-50	P2801828	17	29	34	79	50	5	2.48
	HSK100A-M16-100	P2801829	17	29	36	129	100	10	2.81
	HSK100A-M16-150	P2801830	17	29	42.5	179	150	10	3.32

▶ Balancing grade G2.5 at 25,000RPM or U max. < 1gmm.
▶ For the screw-in milling cutters with thread.

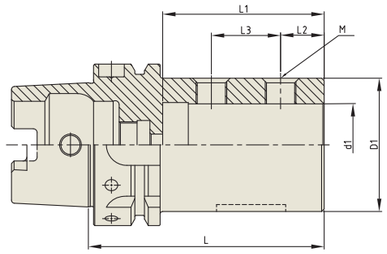
INDEXABLE DRILL HOLDER

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

HSK-A



DIN 69893-HSK | 6.3G | 15,000 RPM | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	L	L1	L2	L3	M	WEIGHT (Kg)
63A	HSK63A-SL20-80	P2802051	20	40	80	54	15	20	M10	1.04
	HSK63A-SL25-90	P2802052	25	45	90	59	17	23	M12	1.21
	HSK63A-SL32-90	P2802053	32	52	90	63	17	27	M12	1.30
	HSK63A-SL40-105	P2802054	40	60	105	73	22	28	M16	1.58
100A	HSK100A-SL20-90	P2802055	20	40	90	54	15	20	M10	2.71
	HSK100A-SL25-95	P2802056	25	45	95	59	17	23	M12	2.84
	HSK100A-SL32-100	P2802057	32	52	100	63	17	27	M12	3.03
	HSK100A-SL40-110	P2802058	40	60	110	73	22	28	M16	3.32

▶ Inch type products are available.
▶ For the indexable drills with parallel shank.

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

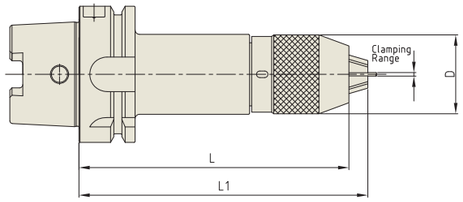
NC DRILL CHUCK

NPU

NC DRILL CHUCK (KEYLESS TYPE)

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

HSK-A



DIN 69893-HSK | A

Unit : mm

TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	D	L (Min.)	L1 (Max.)	WEIGHT (Kg)
40A	HSK40A-NPU8-120	P2775202	0.3 - 8.0	36.5	120	125.7	1.00
50A	HSK50A-NPU8-120	P2775203	0.3 - 8.0	36.5	120	125.7	1.20
	HSK50A-NPU13-150	P2775201	0.3 - 13.0	50.4	150	160	2.10
63A	HSK63A-NPU8-125	P2775204	0.3 - 8.0	36.5	125	130.7	2.10
	HSK63A-NPU13-150	P2775205	0.3 - 13.0	50.4	150	160	3.00
100A	HSK100A-NPU8-130	P2775206	0.3 - 8.0	36.5	130	135.7	4.80
	HSK100A-NPU13-150	P2775207	0.3 - 13.0	50.4	150	160	5.50

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

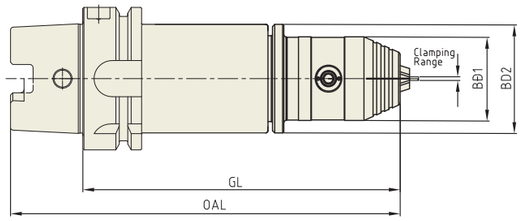
NC DRILL CHUCK

HKD

NC DRILL CHUCK (HEX. KEY TYPE)

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

HSK-A



DIN 69893-HSK | AD

Unit : mm

TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	OAL	GL	BD1	BD2	WEIGHT (Kg)
63A	HSK63A-HKD8-155	P2804009	0.3 - 8.0	187	155	37	48	-
	HSK63A-HKD13-175	P2804010	0.3 - 13.0	207	175	50.1	50.1	-

▶ Supplied with hex. wrench. (Size HKD 8 : 4mm, HKD 13 : 6mm)

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

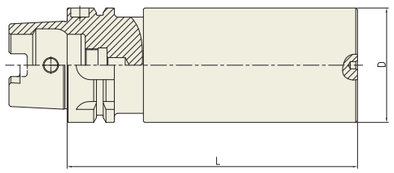
BLANK BAR

BL

BLANK BAR

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

HSK-A



DIN 69871-SK
A

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

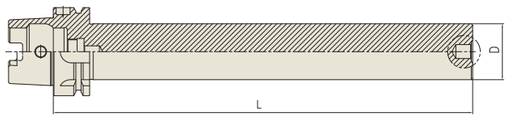
TEST BAR

TB

TEST BAR

KONTROLLDORN
MANDRIN DE CONTRÔLE
MANDRINO DI CONTROLLO
MANDRIL DE CONTROL

HSK-A



DIN 69871-SK
≤3μm
A

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)