



Shrink Fit Holder (SFH)

▣ Features :

- For Mounting Of Carbide & HSS Drills, End Mills etc.
- Easy to Reach at Deep Cavities.
- Best T. I. R. & Rigidity during long working life, Result of in house Research & Development & special Heat Treatment.

▣ Available In Mountings :

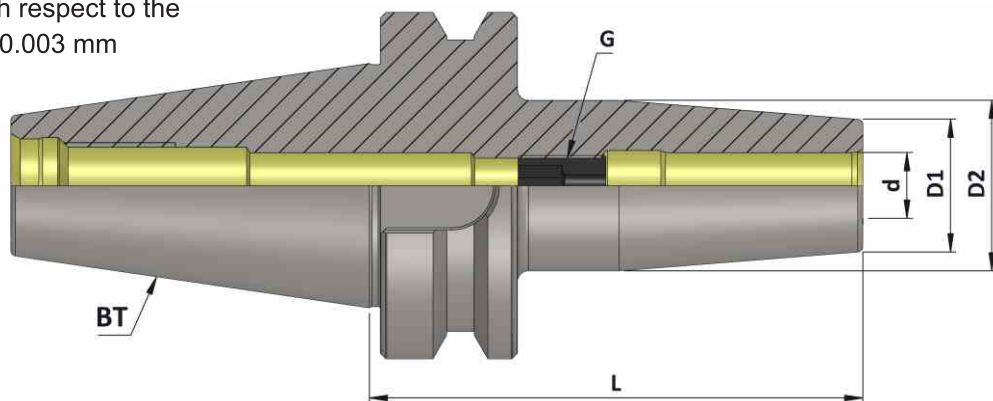
- BT (MAS 403)
- SK (DIN 69871)
- HSK-A (DIN 69893-1)

▣ Balancing :

Balanced To 2.5 G 25000 RPM



Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



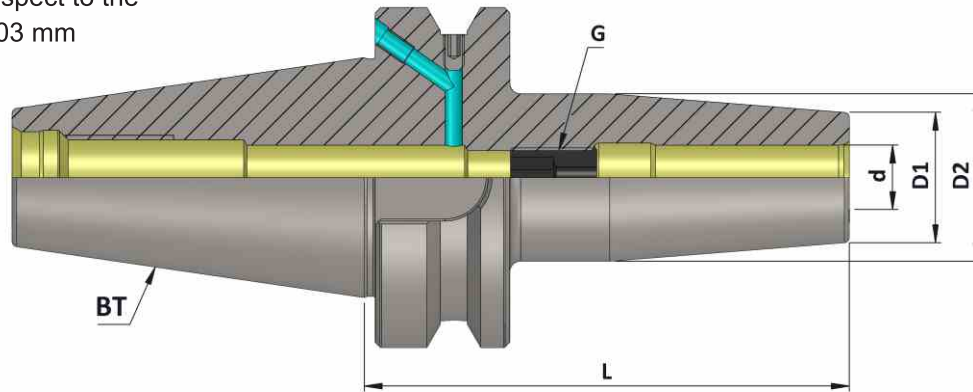
BT (MAS 403) (SFH) (AD)

(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	ISO	d	D1	D2	G	L
BT 30 SFH03 080 AD/2.5G25000 SL	K10101274140129	30	3	10	20	-	80
BT 30 SFH04 080 AD/2.5G25000 SL	K10101275140129	30	4	15	22	-	80
BT 30 SFH05 080 AD/2.5G25000 SL	K10101276140129	30	5	15	22	-	80
BT 30 SFH06 080 AD/2.5G25000 SL	K10101277140129	30	6	21	27	M5	80
BT 30 SFH08 080 AD/2.5G25000 SL	K10101285140129	30	8	21	27	M6	80
BT 30 SFH10 080 AD/2.5G25000 SL	K10101279140129	30	10	24	31	M8	80
BT 30 SFH12 080 AD/2.5G25000 SL	K10101280140129	30	12	24	31	M10	80
BT 30 SFH14 080 AD/2.5G25000 SL	K10101284140129	30	14	27	34	M10	80
BT 30 SFH16 080 AD/2.5G25000 SL	K10101281140129	30	16	27	34	M12	80
BT 30 SFH18 080 AD/2.5G25000 SL	K10101282140129	30	18	33	40	M12	80
BT 30 SFH20 080 AD/2.5G25000 SL	K10101283140129	30	20	33	40	M16	80

Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



BT (MAS 403) (SFH) (AD+B)

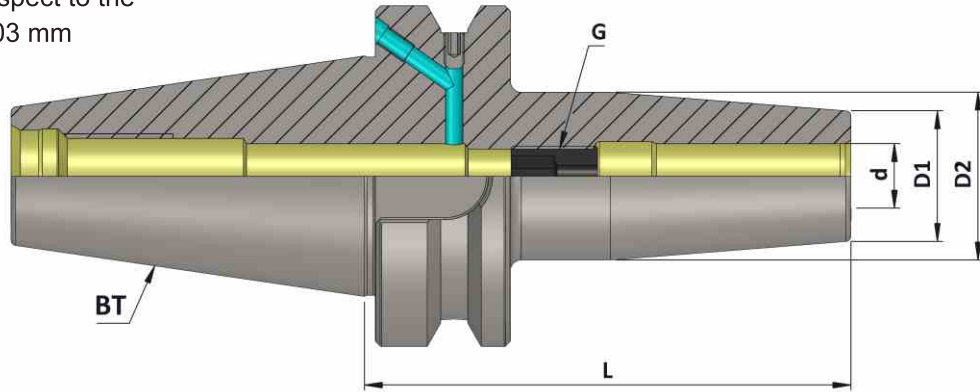
(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	ISO	d	D1	D2	G	L
BT 40 SFH03 090 AD+B/2.5G25000 SL	K10102274140140	40	3	10	20	-	90
BT 40 SFH03 120 AD+B/2.5G25000 SL	K10102274162140	40	3	10	20	-	120
BT 40 SFH03 160 AD+B/2.5G25000 SL	K10102274175140	40	3	10	20	-	160
BT 40 SFH04 090 AD+B/2.5G25000 SL	K10102275140140	40	4	15	22	-	90
BT 40 SFH04 120 AD+B/2.5G25000 SL	K10102275162140	40	4	15	22	-	120
BT 40 SFH04 160 AD+B/2.5G25000 SL	K10102275175140	40	4	15	22	-	160
BT 40 SFH05 090 AD+B/2.5G25000 SL	K10102276140140	40	5	15	22	-	90
BT 40 SFH05 120 AD+B/2.5G25000 SL	K10102276162140	40	5	15	22	-	120
BT 40 SFH05 160 AD+B/2.5G25000 SL	K10102276175140	40	5	15	22	-	160
BT 40 SFH06 090 AD+B/2.5G25000 SL	K10102277140140	40	6	21	27	M5	90
BT 40 SFH06 120 AD+B/2.5G25000 SL	K10102277162140	40	6	21	27	M5	120
BT 40 SFH06 160 AD+B/2.5G25000 SL	K10102277175140	40	6	21	27	M5	160
BT 40 SFH08 090 AD+B/2.5G25000 SL	K10102285140140	40	8	21	27	M6	90
BT 40 SFH08 120 AD+B/2.5G25000 SL	K10102285162140	40	8	21	27	M6	120
BT 40 SFH08 160 AD+B/2.5G25000 SL	K10102285175140	40	8	21	27	M6	160
BT 40 SFH10 090 AD+B/2.5G25000 SL	K10102279140140	40	10	24	31	M8	90
BT 40 SFH10 120 AD+B/2.5G25000 SL	K10102279162140	40	10	24	31	M8	120
BT 40 SFH10 160 AD+B/2.5G25000 SL	K10102279175140	40	10	24	31	M8	160
BT 40 SFH12 090 AD+B/2.5G25000 SL	K10102280140140	40	12	24	31	M10	90
BT 40 SFH12 120 AD+B/2.5G25000 SL	K10102280162140	40	12	24	31	M10	120
BT 40 SFH12 160 AD+B/2.5G25000 SL	K10102280175140	40	12	24	31	M10	160

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Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



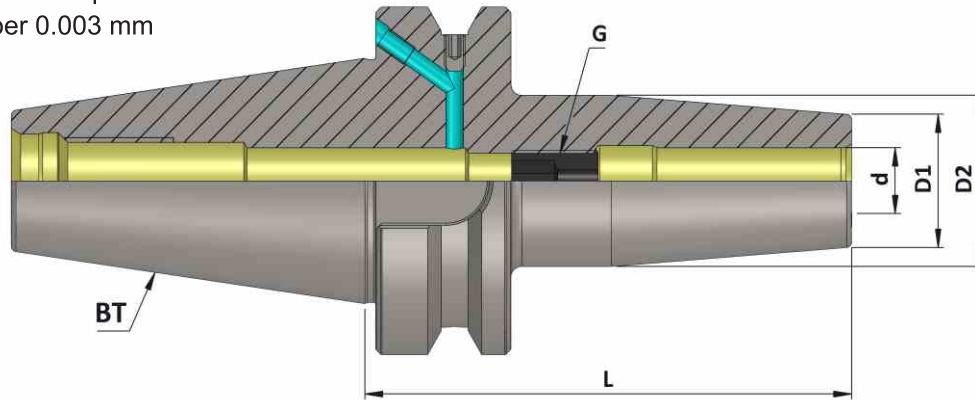
BT (MAS 403) (SFH) (AD+B)

(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	ISO	d	D1	D2	G	L
BT 40 SFH14 090 AD+B/2.5G25000 SL	K10102284140140	40	14	27	34	M10	90
BT 40 SFH14 120 AD+B/2.5G25000 SL	K10102284162140	40	14	27	34	M10	120
BT 40 SFH14 160 AD+B/2.5G25000 SL	K10102284175140	40	14	27	34	M10	160
BT 40 SFH16 090 AD+B/2.5G25000 SL	K10102281140140	40	16	27	34	M12	90
BT 40 SFH16 120 AD+B/2.5G25000 SL	K10102281162140	40	16	27	34	M12	120
BT 40 SFH16 160 AD+B/2.5G25000 SL	K10102281175140	40	16	27	34	M12	160
BT 40 SFH18 090 AD+B/2.5G25000 SL	K10102282140140	40	18	33	40	M12	90
BT 40 SFH18 120 AD+B/2.5G25000 SL	K10102282162140	40	18	33	40	M12	120
BT 40 SFH18 160 AD+B/2.5G25000 SL	K10102282175140	40	18	33	40	M12	160
BT 40 SFH20 090 AD+B/2.5G25000 SL	K10102283140140	40	20	33	40	M16	90
BT 40 SFH20 120 AD+B/2.5G25000 SL	K10102283162140	40	20	33	40	M16	120
BT 40 SFH20 160 AD+B/2.5G25000 SL	K10102283175140	40	20	33	40	M16	160
BT 40 SFH25 100 AD+B/2.5G25000 SL	K10102287148140	40	25	44	53	M16	100
BT 40 SFH25 120 AD+B/2.5G25000 SL	K10102287162140	40	25	44	53	M16	120
BT 40 SFH25 160 AD+B/2.5G25000 SL	K10102287175140	40	25	44	53	M16	160
BT 40 SFH32 100 AD+B/2.5G25000 SL	K10102288148140	40	32	44	53	M16	100
BT 40 SFH32 120 AD+B/2.5G25000 SL	K10102288162140	40	32	44	53	M16	120
BT 40 SFH32 160 AD+B/2.5G25000 SL	K10102288175140	40	32	44	53	M16	160

Note: All Dimensions are in mm

Maximum Run out of the
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External Taper 0.003 mm



BT (MAS 403) (SFH) (AD+B)

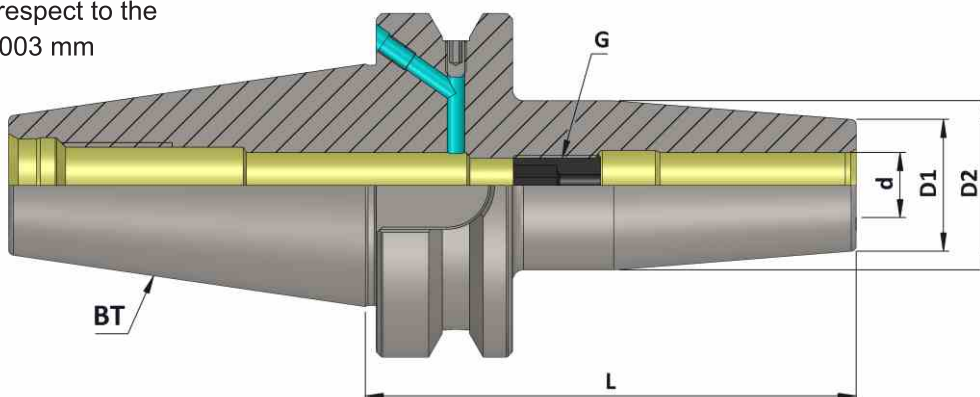
(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	ISO	d	D1	D2	G	L
BT 50 SFH03 100 AD+B/2.5G25000 SL	K10103274148140	50	3	10	20	-	100
BT 50 SFH03 120 AD+B/2.5G25000 SL	K10103274162140	50	3	10	20	-	120
BT 50 SFH03 160 AD+B/2.5G25000 SL	K10103274175140	50	3	10	20	-	160
BT 50 SFH04 100 AD+B/2.5G25000 SL	K10103275148140	50	4	15	22	-	100
BT 50 SFH04 120 AD+B/2.5G25000 SL	K10103275162140	50	4	15	22	-	120
BT 50 SFH04 160 AD+B/2.5G25000 SL	K10103275175140	50	4	15	22	-	160
BT 50 SFH05 100 AD+B/2.5G25000 SL	K10103276148140	50	5	15	22	-	100
BT 50 SFH05 120 AD+B/2.5G25000 SL	K10103276162140	50	5	15	22	-	120
BT 50 SFH05 160 AD+B/2.5G25000 SL	K10103276175140	50	5	15	22	-	160
BT 50 SFH06 100 AD+B/2.5G25000 SL	K10103277148140	50	6	21	27	M5	100
BT 50 SFH06 120 AD+B/2.5G25000 SL	K10103277162140	50	6	21	27	M5	120
BT 50 SFH06 160 AD+B/2.5G25000 SL	K10103277175140	50	6	21	27	M5	160
BT 50 SFH08 100 AD+B/2.5G25000 SL	K10103285148140	50	8	21	27	M6	100
BT 50 SFH08 120 AD+B/2.5G25000 SL	K10103285162140	50	8	21	27	M6	120
BT 50 SFH08 160 AD+B/2.5G25000 SL	K10103285175140	50	8	21	27	M6	160
BT 50 SFH10 100 AD+B/2.5G25000 SL	K10103279148140	50	10	24	31	M8	100
BT 50 SFH10 120 AD+B/2.5G25000 SL	K10103279162140	50	10	24	31	M8	120
BT 50 SFH10 160 AD+B/2.5G25000 SL	K10103279175140	50	10	24	31	M8	160
BT 50 SFH12 100 AD+B/2.5G25000 SL	K10103280148140	50	12	24	31	M10	100
BT 50 SFH12 120 AD+B/2.5G25000 SL	K10103280162140	50	12	24	31	M10	120
BT 50 SFH12 160 AD+B/2.5G25000 SL	K10103280175140	50	12	24	31	M10	160

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Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



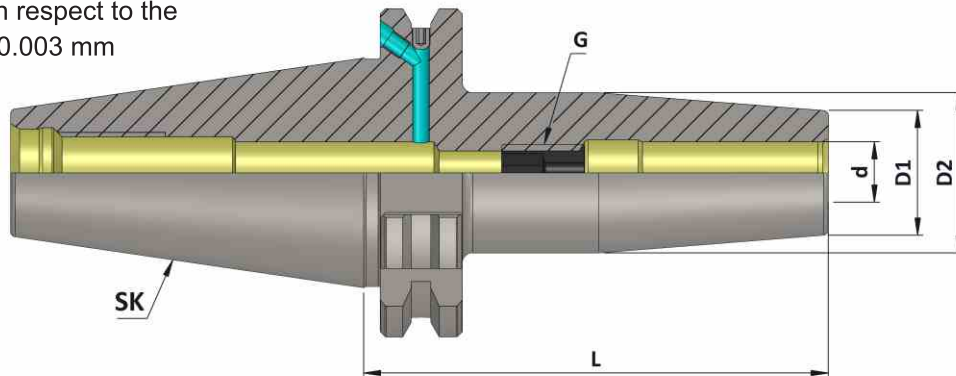
BT (MAS 403) (SFH) (AD+B)

(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	ISO	d	D1	D2	G	L
BT 50 SFH14 100 AD+B/2.5G25000 SL	K10103284148140	50	14	27	34	M10	100
BT 50 SFH14 120 AD+B/2.5G25000 SL	K10103284162140	50	14	27	34	M10	120
BT 50 SFH14 160 AD+B/2.5G25000 SL	K10103284175140	50	14	27	34	M10	160
BT 50 SFH16 100 AD+B/2.5G25000 SL	K10103281148140	50	16	27	34	M12	100
BT 50 SFH16 120 AD+B/2.5G25000 SL	K10103281162140	50	16	27	34	M12	120
BT 50 SFH16 160 AD+B/2.5G25000 SL	K10103281175140	50	16	27	34	M12	160
BT 50 SFH18 100 AD+B/2.5G25000 SL	K10103282148140	50	18	33	40	M12	100
BT 50 SFH18 120 AD+B/2.5G25000 SL	K10103282162140	50	18	33	40	M12	120
BT 50 SFH18 160 AD+B/2.5G25000 SL	K10103282175140	50	18	33	40	M12	160
BT 50 SFH20 100 AD+B/2.5G25000 SL	K10103283148140	50	20	33	40	M16	100
BT 50 SFH20 120 AD+B/2.5G25000 SL	K10103283162140	50	20	33	40	M16	120
BT 50 SFH20 160 AD+B/2.5G25000 SL	K10103283175140	50	20	33	40	M16	160
BT 50 SFH25 110 AD+B/2.5G25000 SL	K10103287156140	50	25	44	53	M16	110
BT 50 SFH25 120 AD+B/2.5G25000 SL	K10103287162140	50	25	44	53	M16	120
BT 50 SFH25 160 AD+B/2.5G25000 SL	K10103287175140	50	25	44	53	M16	160
BT 50 SFH32 110 AD+B/2.5G25000 SL	K10103288156140	50	32	44	53	M16	110
BT 50 SFH32 120 AD+B/2.5G25000 SL	K10103288162140	50	32	44	53	M16	120
BT 50 SFH32 160 AD+B/2.5G25000 SL	K10103288175140	50	32	44	53	M16	160

Note: All Dimensions are in mm

Maximum Run out of the
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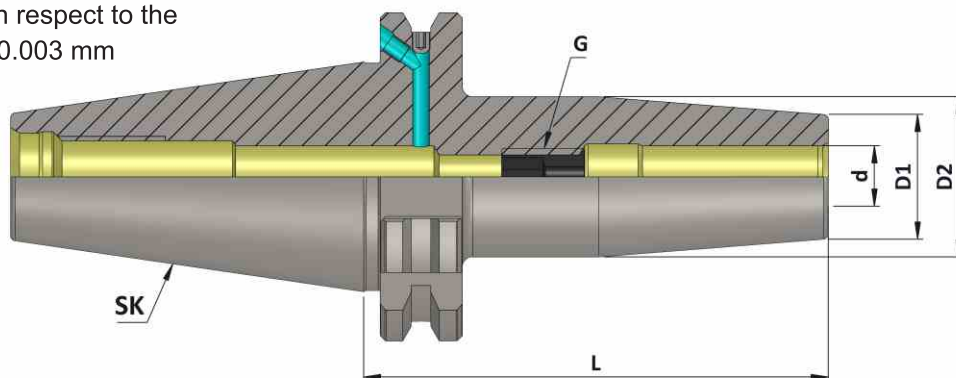
SK (DIN 69871) (SFH) (AD+B)

(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	SK	d	D1	D2	G	L
SK 40 SFH03 080 AD+B/2.5G25000 SL	K10104274131140	40	3	10	20	-	80
SK 40 SFH03 120 AD+B/2.5G25000 SL	K10104274162140	40	3	10	20	-	120
SK 40 SFH03 160 AD+B/2.5G25000 SL	K10104274175140	40	3	10	20	-	160
SK 40 SFH04 080 AD+B/2.5G25000 SL	K10104275131140	40	4	15	22	-	80
SK 40 SFH04 120 AD+B/2.5G25000 SL	K10104275162140	40	4	15	22	-	120
SK 40 SFH04 160 AD+B/2.5G25000 SL	K10104275175140	40	4	15	22	-	160
SK 40 SFH05 080 AD+B/2.5G25000 SL	K10104276131140	40	5	15	22	-	80
SK 40 SFH05 120 AD+B/2.5G25000 SL	K10104276162140	40	5	15	22	-	120
SK 40 SFH05 160 AD+B/2.5G25000 SL	K10104276175140	40	5	15	22	-	160
SK 40 SFH06 080 AD+B/2.5G25000 SL	K10104277131140	40	6	21	27	M5	80
SK 40 SFH06 120 AD+B/2.5G25000 SL	K10104277162140	40	6	21	27	M5	120
SK 40 SFH06 160 AD+B/2.5G25000 SL	K10104277175140	40	6	21	27	M5	160
SK 40 SFH08 080 AD+B/2.5G25000 SL	K10104285131140	40	8	21	27	M6	80
SK 40 SFH08 120 AD+B/2.5G25000 SL	K10104285162140	40	8	21	27	M6	120
SK 40 SFH08 160 AD+B/2.5G25000 SL	K10104285175140	40	8	21	27	M6	160
SK 40 SFH10 080 AD+B/2.5G25000 SL	K10104279131140	40	10	24	31	M8	80
SK 40 SFH10 120 AD+B/2.5G25000 SL	K10104279162140	40	10	24	31	M8	120
SK 40 SFH10 160 AD+B/2.5G25000 SL	K10104279175140	40	10	24	31	M8	160
SK 40 SFH12 080 AD+B/2.5G25000 SL	K10104280131140	40	12	24	31	M10	80
SK 40 SFH12 120 AD+B/2.5G25000 SL	K10104280162140	40	12	24	31	M10	120
SK 40 SFH12 160 AD+B/2.5G25000 SL	K10104280175140	40	12	24	31	M10	160
SK 40 SFH14 080 AD+B/2.5G25000 SL	K10104284131140	40	14	27	34	M10	80
SK 40 SFH14 120 AD+B/2.5G25000 SL	K10104284162140	40	14	27	34	M10	120
SK 40 SFH14 160 AD+B/2.5G25000 SL	K10104284175140	40	14	27	34	M10	160
SK 40 SFH16 080 AD+B/2.5G25000 SL	K10104281131140	40	16	27	34	M12	80
SK 40 SFH16 120 AD+B/2.5G25000 SL	K10104281162140	40	16	27	34	M12	120
SK 40 SFH16 160 AD+B/2.5G25000 SL	K10104281175140	40	16	27	34	M12	160
SK 40 SFH18 080 AD+B/2.5G25000 SL	K10104282131140	40	18	33	40	M12	80
SK 40 SFH18 120 AD+B/2.5G25000 SL	K10104282162140	40	18	33	40	M12	120
SK 40 SFH18 160 AD+B/2.5G25000 SL	K10104282175140	40	18	33	40	M12	160

Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



SK (DIN 69871) (SFH) (AD+B)

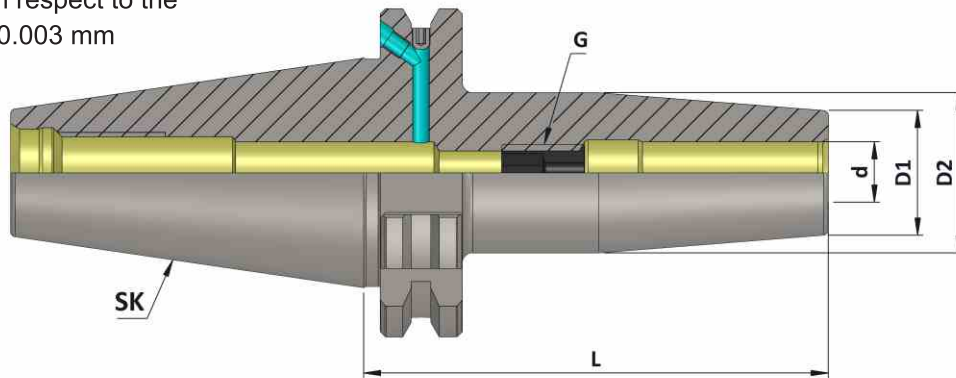
(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	SK	d	D1	D2	G	L
SK 40 SFH20 080 AD+B/2.5G25000 SL	K10104283131140	40	20	33	40	M16	80
SK 40 SFH20 120 AD+B/2.5G25000 SL	K10104283162140	40	20	33	40	M16	120
SK 40 SFH20 160 AD+B/2.5G25000 SL	K10104283175140	40	20	33	40	M16	160
SK 40 SFH25 100 AD+B/2.5G25000 SL	K10104287148140	40	25	44	53	M16	100
SK 40 SFH25 120 AD+B/2.5G25000 SL	K10104287162140	40	25	44	53	M16	120
SK 40 SFH25 160 AD+B/2.5G25000 SL	K10104287175140	40	25	44	53	M16	160
SK 40 SFH32 100 AD+B/2.5G25000 SL	K10104288148140	40	32	44	53	M16	100
SK 40 SFH32 120 AD+B/2.5G25000 SL	K10104288162140	40	32	44	53	M16	120
SK 40 SFH32 160 AD+B/2.5G25000 SL	K10104288175140	40	32	44	53	M16	160
SK 50 SFH03 080 AD+B/2.5G25000 SL	K10105274131116	50	3	10	20	-	80
SK 50 SFH03 120 AD+B/2.5G25000 SL	K10105274162116	50	3	10	20	-	120
SK 50 SFH03 160 AD+B/2.5G25000 SL	K10105274175116	50	3	10	20	-	160
SK 50 SFH04 080 AD+B/2.5G25000 SL	K10105275131116	50	4	15	22	-	80
SK 50 SFH04 120 AD+B/2.5G25000 SL	K10105275162116	50	4	15	22	-	120
SK 50 SFH04 160 AD+B/2.5G25000 SL	K10105275175116	50	4	15	22	-	160
SK 50 SFH05 080 AD+B/2.5G25000 SL	K10105276131116	50	5	15	22	-	80
SK 50 SFH05 120 AD+B/2.5G25000 SL	K10105276162116	50	5	15	22	-	120
SK 50 SFH05 160 AD+B/2.5G25000 SL	K10105276175116	50	5	15	22	-	160
SK 50 SFH06 080 AD+B/2.5G25000 SL	K10105277131116	50	6	21	27	M5	80
SK 50 SFH06 120 AD+B/2.5G25000 SL	K10105277162116	50	6	21	27	M5	120
SK 50 SFH06 160 AD+B/2.5G25000 SL	K10105277175116	50	6	21	27	M5	160
SK 50 SFH08 080 AD+B/2.5G25000 SL	K10105285131116	50	8	21	27	M6	80
SK 50 SFH08 120 AD+B/2.5G25000 SL	K10105285162116	50	8	21	27	M6	120
SK 50 SFH08 160 AD+B/2.5G25000 SL	K10105285175116	50	8	21	27	M6	160
SK 50 SFH10 080 AD+B/2.5G25000 SL	K10105279131116	50	10	24	31	M8	80
SK 50 SFH10 120 AD+B/2.5G25000 SL	K10105279162116	50	10	24	31	M8	120
SK 50 SFH10 160 AD+B/2.5G25000 SL	K10105279175116	50	10	24	31	M8	160
SK 50 SFH12 080 AD+B/2.5G25000 SL	K10105280131116	50	12	24	31	M10	80
SK 50 SFH12 120 AD+B/2.5G25000 SL	K10105280162116	50	12	24	31	M10	120
SK 50 SFH12 160 AD+B/2.5G25000 SL	K10105280175116	50	12	24	31	M10	160

Continued

Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



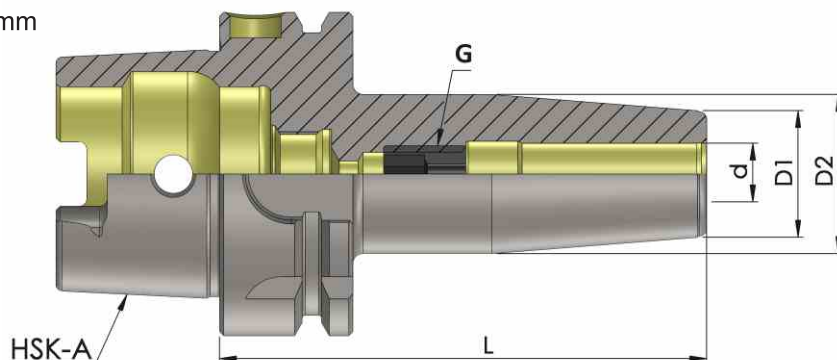
SK (DIN 69871) (SFH) (AD+B)

(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	SK	d	D1	D2	G	L
SK 50 SFH14 080 AD+B/2.5G25000 SL	K10105284131116	50	14	27	34	M10	80
SK 50 SFH14 120 AD+B/2.5G25000 SL	K10105284162116	50	14	27	34	M10	120
SK 50 SFH14 160 AD+B/2.5G25000 SL	K10105284175116	50	14	27	34	M10	160
SK 50 SFH16 080 AD+B/2.5G25000 SL	K10105281131116	50	16	27	34	M12	80
SK 50 SFH16 120 AD+B/2.5G25000 SL	K10105281162116	50	16	27	34	M12	120
SK 50 SFH16 160 AD+B/2.5G25000 SL	K10105281175116	50	16	27	34	M12	160
SK 50 SFH18 080 AD+B/2.5G25000 SL	K10105282131116	50	18	33	40	M12	80
SK 50 SFH18 120 AD+B/2.5G25000 SL	K10105282162116	50	18	33	40	M12	120
SK 50 SFH18 160 AD+B/2.5G25000 SL	K10105282175116	50	18	33	40	M12	160
SK 50 SFH20 080 AD+B/2.5G25000 SL	K10105283131116	50	20	33	40	M16	80
SK 50 SFH20 120 AD+B/2.5G25000 SL	K10105283162116	50	20	33	40	M16	120
SK 50 SFH20 160 AD+B/2.5G25000 SL	K10105283175116	50	20	33	40	M16	160
SK 50 SFH25 100 AD+B/2.5G25000 SL	K10105287148116	50	25	44	53	M16	100
SK 50 SFH25 120 AD+B/2.5G25000 SL	K10105287162116	50	25	44	53	M16	120
SK 50 SFH25 160 AD+B/2.5G25000 SL	K10105287175116	50	25	44	53	M16	160
SK 50 SFH32 100 AD+B/2.5G25000 SL	K10105288148116	50	32	44	53	M16	100
SK 50 SFH32 120 AD+B/2.5G25000 SL	K10105288162116	50	32	44	53	M16	120
SK 50 SFH32 160 AD+B/2.5G25000 SL	K10105288175116	50	32	44	53	M16	160

Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



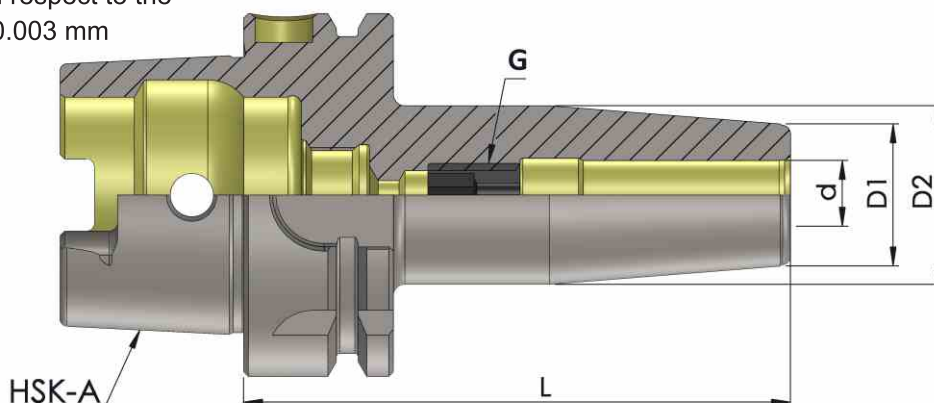
HSK-A (DIN 69893-1) (SFH)

(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	HSK-A	d	D1	D2	G	L
HSK-A 50 SFH03 080 2.5G 25000 SL	K10166274131209	50	3	10	20	-	80
HSK-A 50 SFH03 120 2.5G 25000 SL	K10166274162209	50	3	10	20	-	120
HSK-A 50 SFH03 160 2.5G 25000 SL	K10166274175209	50	3	10	20	-	160
HSK-A 50 SFH04 080 2.5G 25000 SL	K10166275131209	50	4	15	22	-	80
HSK-A 50 SFH04 120 2.5G 25000 SL	K10166275162209	50	4	15	22	-	120
HSK-A 50 SFH04 160 2.5G 25000 SL	K10166275175209	50	4	15	22	-	160
HSK-A 50 SFH05 080 2.5G 25000 SL	K10166276131209	50	5	15	22	-	80
HSK-A 50 SFH05 120 2.5G 25000 SL	K10166276162209	50	5	15	22	-	120
HSK-A 50 SFH05 160 2.5G 25000 SL	K10166276175209	50	5	15	22	-	160
HSK-A 50 SFH06 080 2.5G 25000 SL	K10166277131209	50	6	21	27	M5	80
HSK-A 50 SFH06 120 2.5G 25000 SL	K10166277162209	50	6	21	27	M5	120
HSK-A 50 SFH06 160 2.5G 25000 SL	K10166277175209	50	6	21	27	M5	160
HSK-A 50 SFH08 080 2.5G 25000 SL	K10166285131209	50	8	21	27	M6	80
HSK-A 50 SFH08 120 2.5G 25000 SL	K10166285162209	50	8	21	27	M6	120
HSK-A 50 SFH08 160 2.5G 25000 SL	K10166285175209	50	8	21	27	M6	160
HSK-A 50 SFH10 085 2.5G 25000 SL	K10166279135209	50	10	24	31	M8	85
HSK-A 50 SFH10 120 2.5G 25000 SL	K10166279162209	50	10	24	31	M8	120
HSK-A 50 SFH10 160 2.5G 25000 SL	K10166279175209	50	10	24	31	M8	160
HSK-A 50 SFH12 090 2.5G 25000 SL	K10166280140209	50	12	24	31	M10	90
HSK-A 50 SFH12 120 2.5G 25000 SL	K10166280162209	50	12	24	31	M10	120
HSK-A 50 SFH12 160 2.5G 25000 SL	K10166280175209	50	12	24	31	M10	160
HSK-A 50 SFH14 090 2.5G 25000 SL	K10166284140209	50	14	27	34	M10	90
HSK-A 50 SFH14 120 2.5G 25000 SL	K10166284162209	50	14	27	34	M10	120
HSK-A 50 SFH14 160 2.5G 25000 SL	K10166284175209	50	14	27	34	M10	160
HSK-A 50 SFH16 095 2.5G 25000 SL	K10166281145209	50	16	27	34	M12	95
HSK-A 50 SFH16 120 2.5G 25000 SL	K10166281162209	50	16	27	34	M12	120
HSK-A 50 SFH16 160 2.5G 25000 SL	K10166281175209	50	16	27	34	M12	160
HSK-A 50 SFH18 095 2.5G 25000 SL	K10166282145209	50	18	33	40	M12	95
HSK-A 50 SFH18 120 2.5G 25000 SL	K10166282162209	50	18	33	40	M12	120
HSK-A 50 SFH18 160 2.5G 25000 SL	K10166282175209	50	18	33	40	M12	160
HSK-A 50 SFH20 100 2.5G 25000 SL	K10166283148209	50	20	33	40	M16	100
HSK-A 50 SFH20 120 2.5G 25000 SL	K10166283162209	50	20	33	40	M16	120
HSK-A 50 SFH20 160 2.5G 25000 SL	K10166283175209	50	20	33	40	M16	160

Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



HSK-A (DIN 69893-1) (SFH)

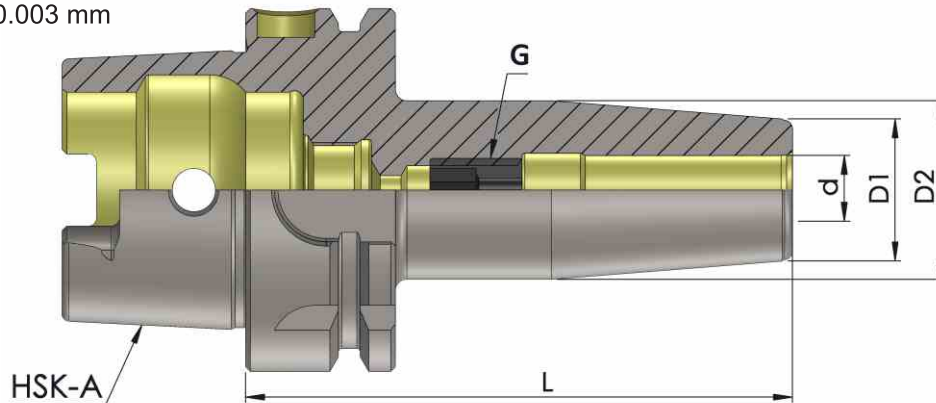
(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	HSK-A	d	D1	D2	G	L
HSK-A 63 SFH03 080 2.5G 25000 SL	K10167274131209	63	3	10	20	-	80
HSK-A 63 SFH03 120 2.5G 25000 SL	K10167274162209	63	3	10	20	-	120
HSK-A 63 SFH03 160 2.5G 25000 SL	K10167274175209	63	3	10	20	-	160
HSK-A 63 SFH04 080 2.5G 25000 SL	K10167275131209	63	4	15	22	-	80
HSK-A 63 SFH04 120 2.5G 25000 SL	K10167275162209	63	4	15	22	-	120
HSK-A 63 SFH04 160 2.5G 25000 SL	K10167275175209	63	4	15	22	-	160
HSK-A 63 SFH05 080 2.5G 25000 SL	K10167276131209	63	5	15	22	-	80
HSK-A 63 SFH05 120 2.5G 25000 SL	K10167276162209	63	5	15	22	-	120
HSK-A 63 SFH05 160 2.5G 25000 SL	K10167276175209	63	5	15	22	-	160
HSK-A 63 SFH06 080 2.5G 25000 SL	K10167277131209	63	6	21	27	M5	80
HSK-A 63 SFH06 120 2.5G 25000 SL	K10167277162209	63	6	21	27	M5	120
HSK-A 63 SFH06 160 2.5G 25000 SL	K10167277175209	63	6	21	27	M5	160
HSK-A 63 SFH08 080 2.5G 25000 SL	K10167285131209	63	8	21	27	M6	80
HSK-A 63 SFH08 120 2.5G 25000 SL	K10167285162209	63	8	21	27	M6	120
HSK-A 63 SFH08 160 2.5G 25000 SL	K10167285175209	63	8	21	27	M6	160
HSK-A 63 SFH10 085 2.5G 25000 SL	K10167279135209	63	10	24	31	M8	85
HSK-A 63 SFH10 120 2.5G 25000 SL	K10167279162209	63	10	24	31	M8	120
HSK-A 63 SFH10 160 2.5G 25000 SL	K10167279175209	63	10	24	31	M8	160
HSK-A 63 SFH12 090 2.5G 25000 SL	K10167280140209	63	12	24	31	M10	90
HSK-A 63 SFH12 120 2.5G 25000 SL	K10167280162209	63	12	24	31	M10	120
HSK-A 63 SFH12 160 2.5G 25000 SL	K10167280175209	63	12	24	31	M10	160
HSK-A 63 SFH14 090 2.5G 25000 SL	K10167284140209	63	14	27	34	M10	90
HSK-A 63 SFH14 120 2.5G 25000 SL	K10167284162209	63	14	27	34	M10	120
HSK-A 63 SFH14 160 2.5G 25000 SL	K10167284175209	63	14	27	34	M10	160
HSK-A 63 SFH16 095 2.5G 25000 SL	K10167281145209	63	16	27	34	M12	95
HSK-A 63 SFH16 120 2.5G 25000 SL	K10167281162209	63	16	27	34	M12	120
HSK-A 63 SFH16 160 2.5G 25000 SL	K10167281175209	63	16	27	34	M12	160
HSK-A 63 SFH18 095 2.5G 25000 SL	K10167282145209	63	18	33	40	M12	95
HSK-A 63 SFH18 120 2.5G 25000 SL	K10167282162209	63	18	33	40	M12	120
HSK-A 63 SFH18 160 2.5G 25000 SL	K10167282175209	63	18	33	40	M12	160

Continued

Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



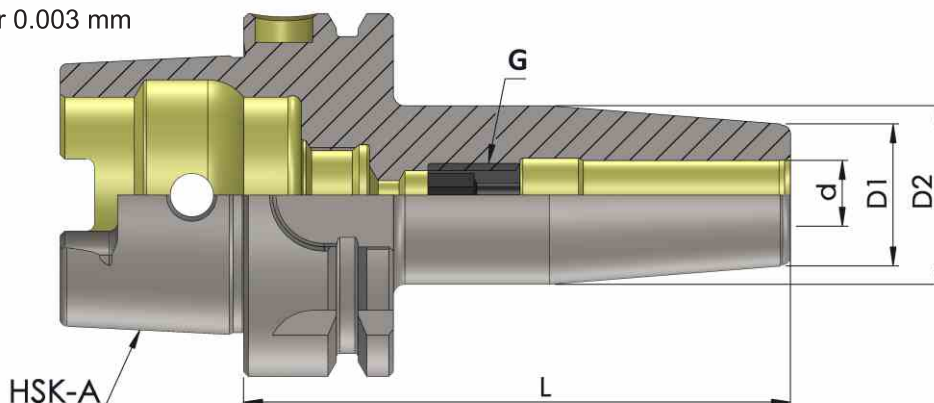
HSK-A (DIN 69893-1) (SFH)

(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	HSK-A	d	D1	D2	G	L
HSK-A 63 SFH20 100 2.5G 25000 SL	K10167283148209	63	20	33	40	M16	100
HSK-A 63 SFH20 120 2.5G 25000 SL	K10167283162209	63	20	33	40	M16	120
HSK-A 63 SFH20 160 2.5G 25000 SL	K10167283175209	63	20	33	40	M16	160
HSK-A 63 SFH25 115 2.5G 25000 SL	K10167287159209	63	25	44	53	M16	115
HSK-A 63 SFH25 120 2.5G 25000 SL	K10167287162209	63	25	44	53	M16	120
HSK-A 63 SFH25 160 2.5G 25000 SL	K10167287175209	63	25	44	53	M16	160
HSK-A 63 SFH32 120 2.5G 25000 SL	K10167288162209	63	32	44	53	M16	120
HSK-A 63 SFH32 160 2.5G 25000 SL	K10167288175209	63	32	44	53	M16	160
HSK-A 100 SFH06 085 2.5G 25000 SL	K10168277135209	100	6	21	27	M5	85
HSK-A 100 SFH06 120 2.5G 25000 SL	K10168277162209	100	6	21	27	M5	120
HSK-A 100 SFH06 160 2.5G 25000 SL	K10168277175209	100	6	21	27	M5	160
HSK-A 100 SFH08 085 2.5G 25000 SL	K10168285135209	100	8	21	27	M6	85
HSK-A 100 SFH08 120 2.5G 25000 SL	K10168285162209	100	8	21	27	M6	120
HSK-A 100 SFH08 160 2.5G 25000 SL	K10168285175209	100	8	21	27	M6	160
HSK-A 100 SFH10 090 2.5G 25000 SL	K10168279140209	100	10	24	31	M8	90
HSK-A 100 SFH10 120 2.5G 25000 SL	K10168279162209	100	10	24	31	M8	120
HSK-A 100 SFH10 160 2.5G 25000 SL	K10168279175209	100	10	24	31	M8	160
HSK-A 100 SFH12 095 2.5G 25000 SL	K10168280145209	100	12	24	31	M10	95
HSK-A 100 SFH12 120 2.5G 25000 SL	K10168280162209	100	12	24	31	M10	120
HSK-A 100 SFH12 160 2.5G 25000 SL	K10168280175209	100	12	24	31	M10	160
HSK-A 100 SFH14 095 2.5G 25000 SL	K10168284145209	100	14	27	34	M10	95
HSK-A 100 SFH14 120 2.5G 25000 SL	K10168284162209	100	14	27	34	M10	120
HSK-A 100 SFH14 160 2.5G 25000 SL	K10168284175209	100	14	27	34	M10	160

Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



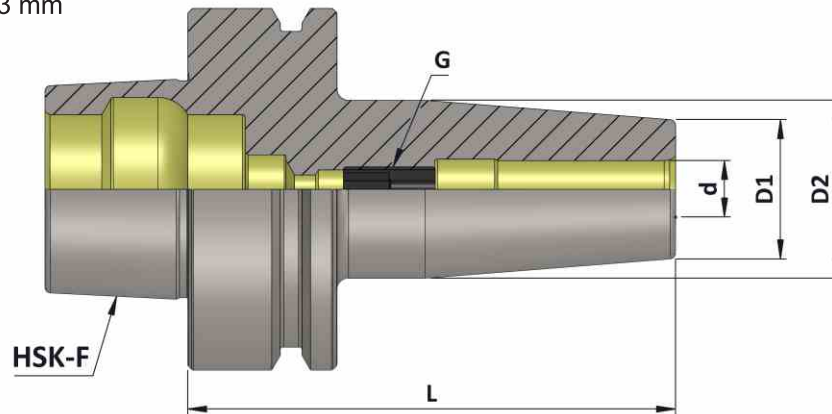
HSK-A (DIN 69893-1) (SFH)

(Balanced to 2.5 G 25000 RPM)

Item Name	Item Code	HSK-A	d	D1	D2	G	L
HSK-A 100 SFH16 100 2.5G 25000 SL	K10168281148209	100	16	27	34	M12	100
HSK-A 100 SFH16 120 2.5G 25000 SL	K10168281162209	100	16	27	34	M12	120
HSK-A 100 SFH16 160 2.5G 25000 SL	K10168281175209	100	16	27	34	M12	160
HSK-A 100 SFH18 100 2.5G 25000 SL	K10168282148209	100	18	33	40	M12	100
HSK-A 100 SFH18 120 2.5G 25000 SL	K10168282162209	100	18	33	40	M12	120
HSK-A 100 SFH18 160 2.5G 25000 SL	K10168282175209	100	18	33	40	M12	160
HSK-A 100 SFH20 105 2.5G 25000 SL	K10168283152209	100	20	33	40	M16	105
HSK-A 100 SFH20 120 2.5G 25000 SL	K10168283162209	100	20	33	40	M16	120
HSK-A 100 SFH20 160 2.5G 25000 SL	K10168283175209	100	20	33	40	M16	160
HSK-A 100 SFH25 115 2.5G 25000 SL	K10168287159209	100	25	44	53	M16	115
HSK-A 100 SFH25 120 2.5G 25000 SL	K10168287162209	100	25	44	53	M16	120
HSK-A 100 SFH25 160 2.5G 25000 SL	K10168287175209	100	25	44	53	M16	160
HSK-A 100 SFH32 120 2.5G 25000 SL	K10168288162209	100	32	44	53	M16	120
HSK-A 100 SFH32 160 2.5G 25000 SL	K10168288175209	100	32	44	53	M16	160

Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm



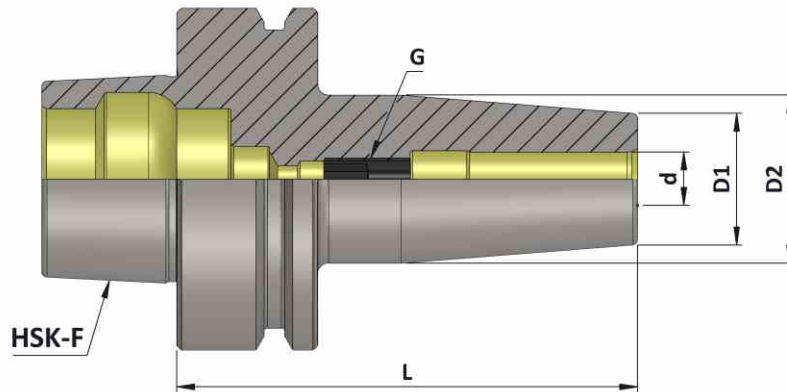
HSK-F (DIN 69893-1) (SFH)

(Balanced To 2.5 G 25000 RPM)

Item Name	Item Code	HSK-F	d	D1	D2	G	L
HSK-63F SFH03 080 2.5G25000 SL	K10260274131227	63	3	10	20	-	80
HSK-63F SFH03 120 2.5G25000 SL	K10260274162227	63	3	10	20	-	120
HSK-63F SFH03 160 2.5G25000 SL	K10260274175227	63	3	10	20	-	160
HSK-63F SFH04 080 2.5G25000 SL	K10260275131227	63	4	15	22	-	80
HSK-63F SFH04 120 2.5G25000 SL	K10260275162227	63	4	15	22	-	120
HSK-63F SFH04 160 2.5G25000 SL	K10260275175227	63	4	15	22	-	160
HSK-63F SFH05 080 2.5G25000 SL	K10260276131227	63	5	15	22	-	80
HSK-63F SFH05 120 2.5G25000 SL	K10260276162227	63	5	15	22	-	120
HSK-63F SFH05 160 2.5G25000 SL	K10260276175227	63	5	15	22	-	160
HSK-63F SFH06 080 2.5G25000 SL	K10260277131227	63	6	21	27	M5	80
HSK-63F SFH06 120 2.5G25000 SL	K10260277162227	63	6	21	27	M5	120
HSK-63F SFH06 160 2.5G25000 SL	K10260277175227	63	6	21	27	M5	160
HSK-63F SFH08 080 2.5G25000 SL	K10260285131227	63	8	21	27	M6	80
HSK-63F SFH08 120 2.5G25000 SL	K10260285162227	63	8	21	27	M6	120
HSK-63F SFH08 160 2.5G25000 SL	K10260285175227	63	8	21	27	M6	160
HSK-63F SFH10 085 2.5G25000 SL	K10260279135227	63	10	24	31	M8	85
HSK-63F SFH10 120 2.5G25000 SL	K10260279162227	63	10	24	31	M8	120
HSK-63F SFH10 160 2.5G25000 SL	K10260279175227	63	10	24	31	M8	160
HSK-63F SFH12 090 2.5G25000 SL	K10260280140227	63	12	24	31	M10	90
HSK-63F SFH12 120 2.5G25000 SL	K10260280162227	63	12	24	31	M10	120
HSK-63F SFH12 160 2.5G25000 SL	K10260280175227	63	12	24	31	M10	160
HSK-63F SFH14 090 2.5G25000 SL	K10260284140227	63	14	27	34	M10	90
HSK-63F SFH14 120 2.5G25000 SL	K10260284162227	63	14	27	34	M10	120
HSK-63F SFH14 160 2.5G25000 SL	K10260284175227	63	14	27	34	M10	160

Note: All Dimensions are in mm

Maximum Run out of the
Internal Dia with respect to the
External Taper 0.003 mm

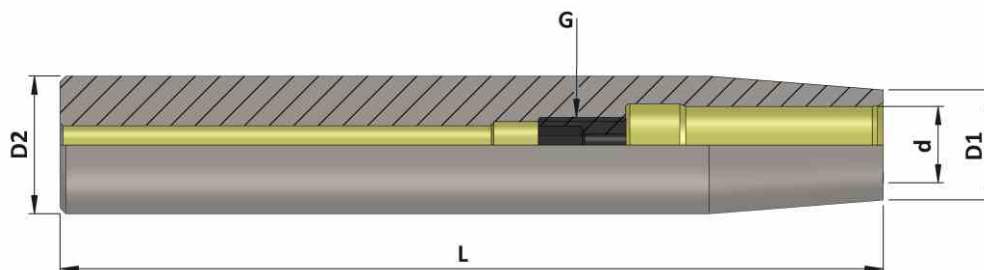


HSK-F (DIN 69893-1) (SFH)

(Balanced To 2.5 G 25000 RPM)

Item Name	Item Code	HSK-F	d	D1	D2	G	L
HSK-63F SFH16 095 2.5G25000 SL	K10260281145227	63	16	27	34	M12	95
HSK-63F SFH16 120 2.5G25000 SL	K10260281162227	63	16	27	34	M12	120
HSK-63F SFH16 160 2.5G25000 SL	K10260281175227	63	16	27	34	M12	160
HSK-63F SFH18 095 2.5G25000 SL	K10260282145227	63	18	33	40	M12	95
HSK-63F SFH18 120 2.5G25000 SL	K10260282162227	63	18	33	40	M12	120
HSK-63F SFH18 160 2.5G25000 SL	K10260282175227	63	18	33	40	M12	160
HSK-63F SFH20 100 2.5G25000 SL	K10260283148227	63	20	33	40	M16	100
HSK-63F SFH20 120 2.5G25000 SL	K10260283162227	63	20	33	40	M16	120
HSK-63F SFH20 160 2.5G25000 SL	K10260283175227	63	20	33	40	M16	160
HSK-63F SFH25 120 2.5G25000 SL	K10260287162227	63	25	44	53	M16	120
HSK-63F SFH25 160 2.5G25000 SL	K10260287175227	63	25	44	53	M16	160
HSK-63F SFH32 120 2.5G25000 SL	K10260288162227	63	32	44	53	M16	120
HSK-63F SFH32 160 2.5G25000 SL	K10260288175227	63	32	44	53	M16	160

Note: All Dimensions are in mm



Cylindrical Shank (SFH)

Item Name	Item Code	d	D1	D2	G	L
D12 SFH03 150	K10117274173127	3	8	12	-	150
D12 SFH04 150	K10117275173127	4	8	12	-	150
D16 SFH03 150	K10118274173127	3	10	16	-	150
D16 SFH04 150	K10118275173127	4	10	16	-	150
D16 SFH05 150	K10118276173127	5	10	16	-	150
D16 SFH06 150	K10118277173127	6	10	16	M5	150
D20 SFH03 150	K10119274173127	3	10	20	-	150
D20 SFH04 150	K10119275173127	4	10	20	-	150
D20 SFH05 150	K10119276173127	5	10	20	-	150
D20 SFH06 150	K10119277173127	6	10	20	M5	150
D20 SFH08 150	K10119285173127	8	12	20	M6	150
D20 SFH10 150	K10119279173127	10	14	20	M8	150
D20 SFH12 150	K10119280173127	12	16	20	M10	150
D25 SFH08 150	K10120285173127	8	20	25	M6	150
D25 SFH10 150	K10120279173127	10	20	25	M8	150
D25 SFH12 150	K10120280173127	12	20	25	M10	150
D25 SFH14 150	K10120284173127	14	20	25	M10	150
D25 SFH16 150	K10120281173127	16	22	25	M12	150
D32 SFH10 150	K10121279173127	10	24	32	M8	150
D32 SFH12 150	K10121280173127	12	24	32	M10	150
D32 SFH14 150	K10121284173127	14	27	32	M10	150
D32 SFH16 150	K10121281173127	16	27	32	M12	150
D32 SFH18 150	K10121282173127	18	27	32	M12	150
D32 SFH20 150	K10121283173127	20	27	32	M16	150

Note: All Dimensions are in mm