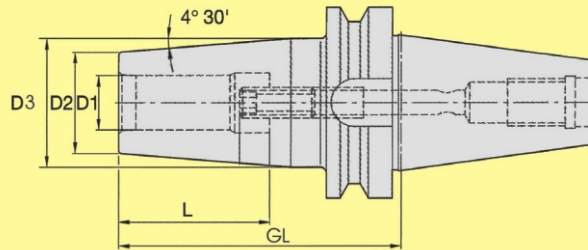


BT30 Shank Tools

MAS 403, JIS B 6339

Shrink Fit Adapters – Metric



- Pre Balanced G6.3 @ 15,000 rpm,
- Through the tool holder coolant capability
- Order Example – BT30SF06075M,
- Dynamically balanced to G2.5 at 20,000 rpm available on request
- Order Example – BT30SF06075M-G2.5

Catalogue No	D1	D2	D3	GL	L	Wt. Kg.	Stop Screw	Wrench Size Stop Screw
BT30SF06075M	6	20	27	75	36	0.56	BTTSS05014M	2.5 mm
BT30SF08075M	8	20	27	75	36	0.56	BTTSS06014M	3 mm
BT30SF10075M	10	24	32	75	42	0.60	BTTSS08014M	4 mm
BT30SF12075M	12	24	32	75	47	0.59	BTTSS10014M	5 mm
BT30SF14075M	14	27	34	75	47	0.63	BTTSS10014M	5 mm
BT30SF16075M	16	27	34	75	50	0.61	BTTSS12014M	6 mm
BT30SF18090M	18	33	42	90	50	0.85	BTTSS12014M	6 mm
BT30SF20090M	20	33	42	90	52	0.82	BTTSS16014M	8 mm

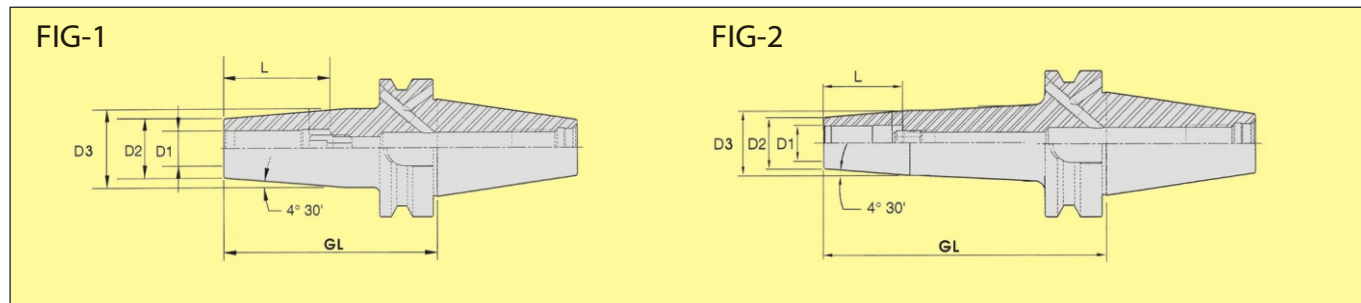
Shrink Fit Adapters – Inch.

Catalogue No	D1	D2	D3	GL	L	Wt. Lbs	Stop Screw	Wrench Size Stop Screw
BT30SF025295	¼	0.79	1.06	2.95	1.41	1.24	BTTSS05014M	2.5 mm
BT30SF031295	5/16	0.79	1.06	2.95	1.41	1.23	BTTSS06014M	3 mm
BT30SF038295	3/8	0.95	1.26	2.95	1.65	1.33	BTTSS08014M	4 mm
BT30SF044295	7/16	0.95	1.26	2.95	1.85	1.31	BTTSS10014M	5 mm
BT30SF050295	½	0.95	1.26	2.95	1.85	1.29	BTTSS10014M	5 mm
BT30SF056295	9/16	1.06	1.34	2.95	1.85	1.38	BTTSS10014M	5 mm
BT30SF062295	5/8	1.06	1.34	2.95	1.96	1.34	BTTSS12014M	6 mm
BT30SF068354	11/16	1.30	1.61	3.54	1.96	1.88	BTTSS12014M	6 mm
BT30SF075354	¾	1.30	1.61	3.54	2.00	1.82	BTTSS16014M	8 mm

BT40 Shank Tools

MAS 403, JIS B 6339

Shrink Fit Adapters



- Pre Balanced G6.3 @ 15,000 rpm,
- Through tool holder coolant capability, Run out < 0,003mm (0,0001")
- Suitable for carbide & HSS Cutting tool, 10mm (3/8") axial adjustment.
- Order Example – BT40BSF06090M
- Dynamically balanced to G 2.5@ 20,000 rpm, available on request
- Order Example – BT40BSF06090M.G2.5

Shrink Fit Adapters – Metric

Catalogue No	FIG	D1	D2	D3	GL	L	W.Kg	Stop Screw	Wrench Sz.
BT40BSF06090M	1	6	20	27	90	36	1.15	BTTSS05014M	2.5mm
BT40BSF06130M	2	6	20	27	130	36	1.60	BTTSS05014M	2.5mm
BT40BSF06160M	2	6	20	27	160	36	1.45	BTTSS05014M	2.5mm
BT40BSF08090M	1	8	20	27	90	36	1.15	BTTSS06014M	3 mm
BT40BSF08130M	2	8	20	27	130	36	1.60	BTTSS06014M	3 mm
BT40BSF08160M	2	8	20	27	160	36	1.80	BTTSS06014M	3 mm
BT40BSF10090M	1	10	24	32	90	42	1.23	BTTSS08014M	4 mm
BT40BSF10130M	2	10	24	32	130	42	1.60	BTTSS08014M	4 mm
BT40BSF10160M	2	10	24	32	160	42	1.80	BTTSS08014M	4 mm
BT40BSF12090M	1	12	24	32	90	47	1.22	BTTSS10014M	5 mm
BT40BSF12130M	2	12	24	32	130	47	1.80	BTTSS10014M	5 mm
BT40BSF12160M	2	12	24	32	160	47	2.00	BTTSS10014M	5 mm
BT40BSF14090M	1	14	27	34	90	47	1.27	BTTSS10014M	5 mm
BT40BSF14130M	2	14	27	34	130	47	1.60	BTTSS10014M	5 mm
BT40BSF14160M	2	14	27	34	160	47	2.00	BTTSS10014M	5 mm
BT40BSF16090M	1	16	27	34	90	50	1.25	BTTSS12014M	6 mm
BT40BSF16130M	2	16	27	34	130	50	1.80	BTTSS12014M	6 mm
BT40BSF16160M	2	16	27	34	160	50	2.00	BTTSS12014M	6 mm
BT40BSF18090M	1	18	33	42	90	50	1.39	BTTSS12014M	6 mm
BT40BSF18130M	2	18	33	42	130	50	1.80	BTTSS12014M	6 mm
BT40BSF18160M	2	18	33	42	160	50	2.00	BTTSS12014M	6 mm
BT40BSF20090M	1	20	33	42	90	52	1.60	BTTSS16014M	8 mm
BT40BSF20130M	2	20	33	42	130	52	1.80	BTTSS16014M	8 mm
BT40BSF20160M	2	20	33	42	160	52	2.00	BTTSS16014M	8 mm
BT40BSF25100M	1	25	44	53	100	58	1.76	BTTSS16014M	8 mm
BT40BSF25130M	2	25	44	53	130	58	2.00	BTTSS16014M	8 mm
BT40BSF25160M	2	25	44	53	160	58	2.20	BTTSS16014M	8 mm
BT40BSF32105M	1	32	44	53	105	61	1.72	BTTSS16014M	8 mm

BT40 Shank Tools

MAS 403, JIS B 6339

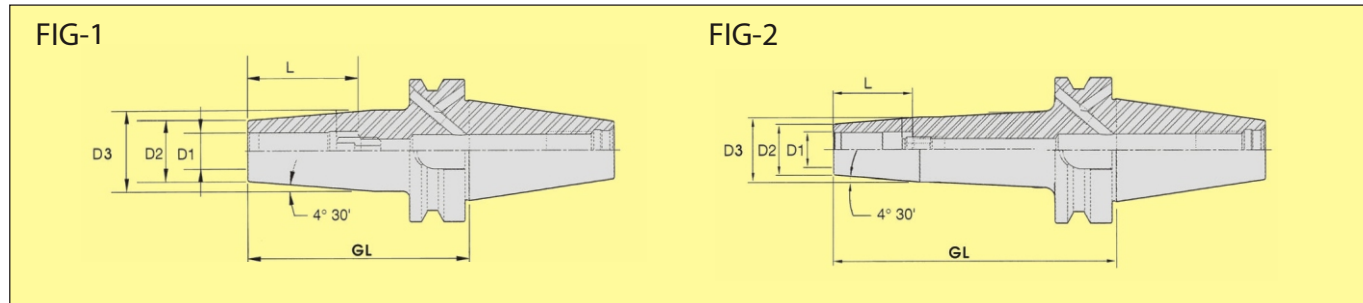
Shrink Fit Adapters – Inch.

Catalogue No	FIG	D1	D2	D3	GL	L	W.Lbs	Stop Screw	Wrench Sz.
BT40BSF025354	1	1/4	0.79	1.06	3.54	1.41	2.51	BTSS05014M	2.5 mm
BT40BSF025630	2	1/4	0.79	1.06	6.30	1.41	3.19	BTSS05014M	2.5 mm
BT40BSF031354	1	5/16	0.83	1.06	3.54	1.41	2.51	BTSS06014M	3 mm
BT40BSF031630	2	5/16	0.79	1.06	6.30	1.41	3.19	BTSS06014M	3 mm
BT40BSF038354	1	3/8	0.94	1.26	3.54	1.65	2.71	BTSS08014M	4 mm
BT40BSF038630	2	3/8	0.94	1.26	6.30	1.65	3.63	BTSS08014M	4 mm
BT40BSF044354	1	7/16	0.94	1.26	3.54	1.65	2.66	BTSS10014M	5 mm
BT40BSF044630	2	7/16	0.94	1.26	3.54	1.65	3.63	BTSS10014M	5 mm
BT40BSF050354	1	1/2	0.94	1.26	3.54	1.65	2.66	BTSS10014M	5 mm
BT40BSF050630	2	1/2	0.94	1.26	6.30	1.65	3.61	BTSS10014M	5 mm
BT40BSF056354	1	9/16	1.06	1.33	3.54	1.65	2.77	BTSS10014M	5 mm
BT40BSF056630	2	9/16	1.06	1.33	6.30	1.65	3.85	BTSS10014M	5 mm
BT40BSF062354	1	5/8	1.06	1.33	3.54	1.96	2.73	BTSS12014M	6 mm
BT40BSF062630	2	5/8	1.06	1.33	6.30	1.96	3.81	BTSS12014M	6 mm
BT40BSF068354	1	11/16	1.30	1.65	3.54	1.96	3.06	BTSS12014M	6 mm
BT40BSF068630	2	11/16	1.30	1.65	6.30	1.96	4.53	BTSS12014M	6 mm
BT40BSF075354	1	3/4	1.30	1.65	3.54	1.96	3.01	BTSS16014M	8 mm
BT40BSF075630	2	3/4	1.30	1.65	6.30	1.96	4.49	BTSS16014M	8 mm
BT40BSF088354	1	7/8	1.30	1.65	3.54	1.96	2.93	BTSS16014M	8 mm
BT40BSF088630	2	7/8	1.30	1.65	6.30	1.96	4.40	BTSS16014M	8 mm
BT40BSF100394	1	1.00	1.73	2.05	3.94	2.28	3.85	BTSS16014M	8 mm
BT40BSF100630	2	1.00	1.73	2.05	6.30	2.28	5.96	BTSS16014M	8 mm
BT40BSF125413	1	1 1/4	1.73	2.08	4.13	2.28	3.74	BTSS16014M	8 mm
BT40BSF125630	2	1 1/4	1.73	2.08	6.30	2.28	5.68	BTSS16014M	8 mm

BT50 Shank Tools

MAS 403, JIS B 6339

Shrink Fit Adapters



- Pre Balanced G6.3 @ 15,000 rpm, Through tool holder coolant capability
- Run out < 0,003mm (0,0001"), Suitable for carbide & HSS Cutting tool, 10mm (3/8") axial adjustment.
- Order Example – BT50BSF06100M
- Dynamically Balanced to G2.5 @ 20,000 rpm available on request
- Order Example – BT50BSF06100M G2.5

Shrink Fit Adapters – Metric

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Kg	Stop Screw	Wrench Sz.
BT50BSF06100M	1	6	21	27	100	36	3.74	BTTSS05014M	2.5 mm
BT50BSF06130M	2	6	21	27	130	36	3.95	BTTSS05014M	2.5 mm
BT50BSF06160M	2	6	21	27	160	36	4.21	BTTSS05014M	2.5 mm
BT50BSF08100M	1	8	21	27	100	36	3.68	BTTSS06014M	3 mm
BT50BSF08130M	2	8	21	27	130	36	3.95	BTTSS06014M	3 mm
BT50BSF08160M	2	8	21	27	160	36	4.21	BTTSS06014M	3 mm
BT50BSF10100M	1	10	24	32	100	42	3.76	BTTSS08014M	4 mm
BT50BSF10130M	2	10	24	32	130	42	3.95	BTTSS08014M	4 mm
BT50BSF10160M	2	10	24	32	160	42	4.25	BTTSS08014M	4 mm
BT50BSF12100M	1	12	24	32	100	47	3.76	BTTSS10014M	5 mm
BT50BSF12130M	2	12	24	32	130	47	3.90	BTTSS10014M	5 mm
BT50BSF12160M	2	12	24	32	160	47	4.2	BTTSS10014M	5 mm
BT50BSF14100M	1	14	27	34	100	47	3.81	BTTSS10014M	5 mm
BT50BSF14130M	2	14	27	34	130	47	4.25	BTTSS10014M	5 mm
BT50BSF14160M	2	14	27	34	160	47	4.50	BTTSS10014M	5 mm
BT50BSF16100M	1	16	27	34	100	50	3.79	BTTSS12014M	6 mm
BT50BSF16130M	2	16	27	34	130	50	4.25	BTTSS12014M	6 mm
BT50BSF16160M	2	16	27	34	160	50	4.5	BTTSS12014M	6 mm
BT50BSF18100M	1	18	33	42	100	50	3.93	BTTSS12014M	6 mm
BT50BSF18130M	2	18	33	42	130	50	4.5	BTTSS12014M	6 mm
BT50BSF18160M	2	18	33	42	160	50	3.93	BTTSS12014M	6 mm
BT50BSF20100M	1	20	33	42	100	52	3.90	BTTSS16014M	8 mm
BT50BSF20130M	2	20	33	42	130	52	4.50	BTTSS16014M	8 mm
BT50BSF20160M	2	20	33	42	160	52	4.80	BTTSS16014M	8 mm
BT50BSF25100M	1	25	44	53	100	58	4.18	BTTSS16014M	8 mm
BT50BSF25130M	2	25	44	53	130	58	4.50	BTTSS16014M	8 mm
BT50BSF25160M	2	25	44	53	160	58	4.25	BTTSS16014M	8 mm
BT50BSF32100M	1	32	44	53	100	62	4.04	BTTSS16014M	8 mm
BT50BSF32130M	2	32	44	53	130	62	4.30	BTTSS16014M	8 mm
BT50BSF32160M	2	32	44	53	160	62	4.50	BTTSS16014M	8 mm

BT50 Shank Tools

MAS 403, JIS B 6339

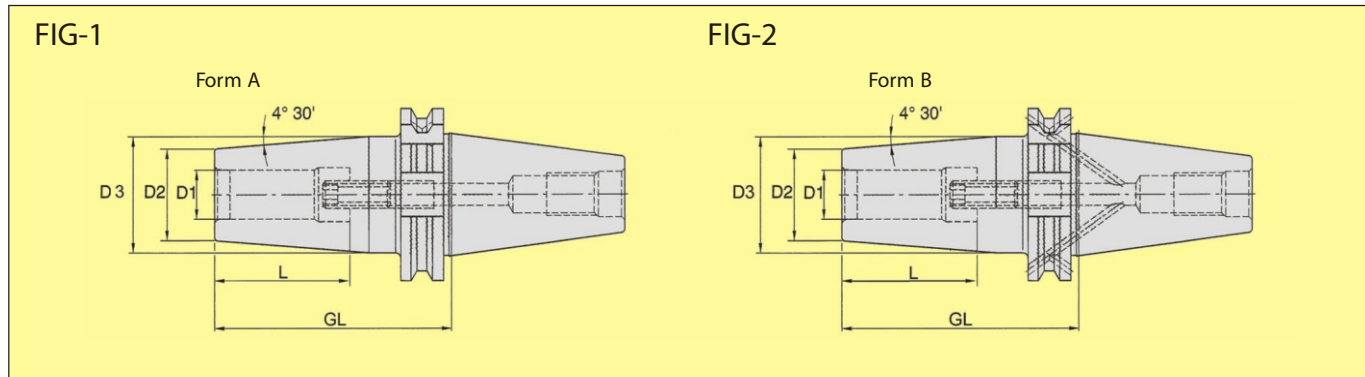
Shrink Fit Adapters – Inch.

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Lbs	Stop Screw	Wrench Sz.
BT50BSF025394	1	¼	0.84	1.06	3.94	1.41	8.07	BTTSS05014M	2.5mm
BT50BSF025787	2	¼	0.84	1.06	7.87	1.41	9.39	BTTSS05014M	2.5mm
BT50BSF031394	1	5/16	0.84	1.06	3.94	1.41	7.92	BTTSS06014M	3 mm
BT50BSF031787	2	5/16	0.84	1.06	7.87	1.41	9.32	BTTSS06014M	3 mm
BT50BSF038394	1	3/8	0.94	1.26	3.94	1.65	8.25	BTTSS08014M	4 mm
BT50BSF038787	2	3/8	0.94	1.26	7.87	1.65	9.88	BTTSS08014M	4 mm
BT50BSF044394	1	7/16	0.94	1.26	3.94	1.81	8.25	BTTSS10014M	5 mm
BT50BSF044787	2	7/16	0.94	1.26	7.87	1.81	9.86	BTTSS10014M	5 mm
BT50BSF050394	1	½	0.94	1.26	3.94	1.81	8.23	BTTSS10014M	5 mm
BT50BSF050787	2	½	0.94	1.26	6.30	1.65	9.83	BTTSS10014M	5 mm
BT50BSF056394	1	9/16	1.06	1.33	3.94	1.65	8.34	BTTSS10014M	5 mm
BT50BSF056787	2	9/16	1.06	1.33	7.87	1.65	9.86	BTTSS10014M	5 mm
BT50BSF062394	1	5/8	1.06	1.33	3.94	1.96	8.23	BTTSS12014M	6 mm
BT50BSF062787	2	5/8	1.06	1.33	7.87	1.96	9.83	BTTSS12014M	6 mm
BT50BSF068394	1	11/16	1.30	1.65	3.94	1.96	8.65	BTTSS12014M	6 mm
BT50BSF068787	2	11/16	1.30	1.65	7.87	1.96	11.20	BTTSS12014M	6 mm
BT50BSF075394	1	¾	1.30	1.65	3.94	2.00	8.58	BTTSS16014M	8 mm
BT50BSF075787	2	¾	1.30	1.65	7.87	2.00	10.93	BTTSS16014M	8 mm
BT50BSF088394	1	7/8	1.30	1.65	3.94	2.00	8.49	BTTSS16014M	8 mm
BT50BSF088787	2	7/8	1.30	1.65	7.87	2.00	10.82	BTTSS16014M	8 mm
BT50BSF100394	1	1.00	1.73	2.08	3.94	2.24	9.17	BTTSS16014M	8 mm
BT50BSF100787	2	1.00	1.73	2.08	7.87	2.24	11.82	BTTSS16014M	8 mm
BT50BSF125394	1	1 1/4	1.73	2.08	3.94	2.24	8.89	BTTSS16014M	8 mm
BT50BSF125787	2	1 1/4	1.73	2.08	7.87	2.40	12.72	BTTSS16014M	8 mm
BT50BSF150472	1	1 ½	2.36	2.75	4.72	2.40	11.09	BTTSS20014M	10 mm
BT50BSF200472	1	2	2.72	3.11	4.72	2.59	11.11	BTTSS20014M	10 mm

DV 40 Shank Tools

DIN 69871

Shrink Fit Adapters



- Pre Balanced G6.3 @ 15,000 rpm,
- Through the toolholder coolant capability,
- Runout < 0,003mm (0,001"),
Suitable for carbide & HSS Cutting tool
10mm (3/8") axial adjustment.
- Order Example – DV40SF06080M

Available on Form B/AD Shank
 Order Example – DV40BSF06160M

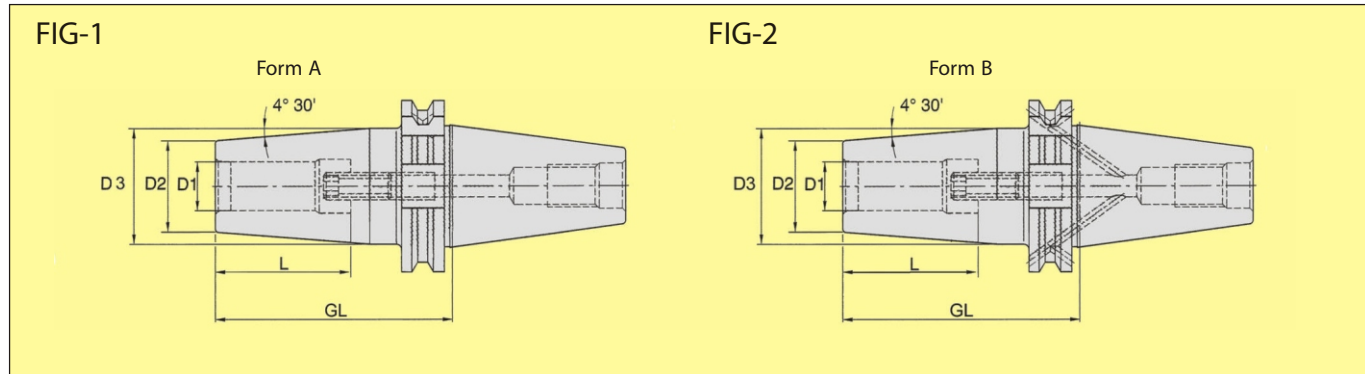
Shrink Fit Adapters – Metric

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Kg	Stop Screw
DV40BSF06080M	1	6	21	27	80	36	0.98	BTTSS05014M
DV40BSF06130M	2	6	21	27	130	36	1.25	BTTSS05014M
DV40BSF06160M	2	6	21	27	160	36	1.55	BTTSS05014M
DV40BSF08080M	1	8	21	27	80	36	0.99	BTTSS06014M
DV40BSF08130M	2	8	21	27	130	36	1.25	BTTSS06014M
DV40BSF08160M	2	8	21	27	160	36	1.55	BTTSS06014M
DV40BSF10080M	1	10	24	32	80	42	1.06	BTTSS08014M
DV40BSF10130M	2	10	24	32	130	42	1.35	BTTSS08014M
DV40BSF10160M	2	10	24	32	160	42	1.65	BTTSS08014M
DV40BSF12080M	1	12	24	32	80	47	1.05	BTTSS10014M
DV40BSF12130M	2	12	24	32	130	47	1.35	BTTSS10014M
DV40BSF12160M	2	12	24	32	160	47	1.65	BTTSS10014M
DV40BSF14080M	1	14	27	34	80	47	1.09	BTTSS10014M
DV40BSF14130M	2	14	27	34	130	47	1.42	BTTSS10014M
DV40BSF14160M	2	14	27	34	160	47	1.72	BTTSS10014M
DV40BSF16080M	1	16	27	34	80	50	1.08	BTTSS12014M
DV40BSF16130M	2	16	27	34	130	50	1.42	BTTSS12014M
DV40BSF16160M	2	16	27	34	160	50	1.72	BTTSS12014M
DV40BSF18080M	1	18	33	42	80	50	1.22	BTTSS12014M
DV40BSF18130M	2	18	33	42	130	50	1.55	BTTSS12014M
DV40BSF18160M	2	18	33	42	160	50	1.95	BTTSS12014M
DV40BSF20080M	1	20	33	42	80	52	1.18	BTTSS16014M
DV40BSF20130M	2	20	33	42	130	52	1.48	BTTSS16014M
DV40BSF20160M	2	20	33	42	160	52	1.98	BTTSS16014M
DV40BSF25100M	1	25	44	53	100	58	1.70	BTTSS16014M
DV40BSF25130M	2	25	44	53	130	58	2.15	BTTSS16014M
DV40BSF25160M	2	25	44	53	160	58	2.55	BTTSS16014M
DV40BSF32100M	1	32	44	53	100	58	1.57	BTTSS16014M
DV40BSF32130M	2	32	44	53	130	58	2.15	BTTSS16014M
DV40BSF32160M	2	32	44	53	160	58	2.50	BTTSS16014M

DV 50 Shank Tools

DIN 69871

Shrink Fit Adapters



- Pre Balanced G6.3 @ 15,000 rpm,
 - Through tool holder coolant capability
 - Run out < 0,003mm (0,0001"), Suitable for carbide & HSS Cutting tool, 10mm (3/8") axial adjustment.
 - Order Example – DV50BSF06080M
 - Dynamically Balanced to G2.5 @ 20,000 rpm available on request
 - Order Example – DV50BSF06080M G2.5
- 'B' Form available
 Order Example – DV50BSF060160M

Shrink Fit Adapters – Metric

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Kg	Stop Screw
DV50BSF06080M	1	6	20	27	80	36	2.73	BTTSS05014M
DV50BSF06130M	2	6	20	27	130	36	3.15	BTTSS05014M
DV50BSF06160M	2	6	20	27	160	36	3.45	BTTSS05014M
DV50BSF08080M	1	8	20	27	80	36	2.72	BTTSS06014M
DV50BSF08130M	2	8	20	27	130	36	3.15	BTTSS06014M
DV50BSF08160M	2	8	20	27	160	36	3.45	BTTSS06014M
DV50BSF10080M	1	10	24	32	80	41	2.80	BTTSS08014M
DV50BSF10130M	2	10	24	32	130	41	3.20	BTTSS08014M
DV50BSF10160M	2	10	24	32	160	41	3.45	BTTSS08014M
DV50BSF12080M	1	12	24	32	80	46	2.81	BTTSS10014M
DV50BSF12130M	2	12	24	32	130	46	3.20	BTTSS10014M
DV50BSF12160M	2	12	24	32	160	46	3.45	BTTSS10014M
DV50BSF14080M	1	14	27	34	80	46	2.85	BTTSS10014M
DV50BSF14130M	2	14	27	34	130	46	3.35	BTTSS10014M
DV50BSF14160M	2	14	27	34	160	46	3.85	BTTSS10014M
DV50BSF16080M	1	16	27	34	80	49	2.83	BTTSS12014M
DV50BSF16130M	2	16	27	34	130	49	3.35	BTTSS12014M
DV50BSF16160M	2	16	27	34	160	49	3.85	BTTSS12014M
DV50BSF18080M	1	18	33	42	80	49	2.97	BTTSS12014M
DV50BSF18130M	2	18	33	42	130	49	3.45	BTTSS12014M
DV50BSF18160M	2	18	33	42	160	49	3.90	BTTSS12014M
DV50BSF20080M	1	20	33	42	80	51	2.93	BTTSS16014M
DV50BSF20130M	2	20	33	42	130	51	3.45	BTTSS16014M
DV50BSF20160M	2	20	33	42	160	51	3.90	BTTSS16014M
DV50BSF25100M	1	25	44	53	100	57	3..53	BTTSS16014M
DV50BSF25130M	2	25	44	53	130	57	3.55	BTTSS16014M
DV50BSF25160M	2	25	44	53	160	57	4.25	BTTSS16014M
DV50BSF32100M	1	32	44	53	100	61	3.37	BTTSS16014M
DV50BSF32130M	2	32	44	53	130	61	3.55	BTTSS16014M
DV50BSF32160M	2	32	44	53	160	61	4.29	BTTSS16014M

CV 40 Shank Tools

Caterpillar (inch) CV ANSI B5.50 / ISO 7388

Shrink Fit Adapters

FIG-1

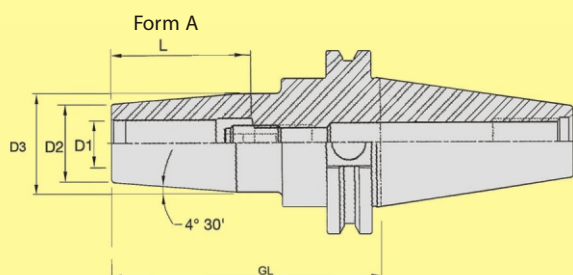
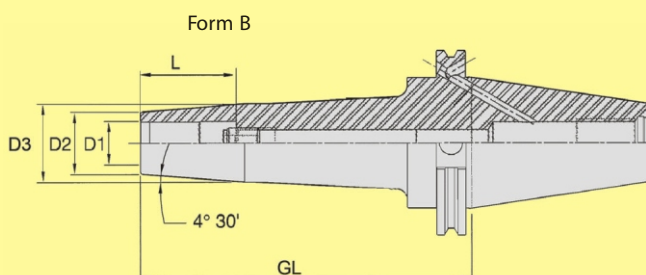


FIG-2



- Pre Balanced G6.3 @ 15,000 rpm,
- Through tool holder coolant capability
- Suitable for carbide & HSS Cutting tool,
- Runout < 0,003mm (0,0001"),
- 10mm (3/8") axial adjustment.
- Order Example – CV40BSF06M350
- Dynamically balanced to G2.5 at 20,000 rpm available on request
- Order Example – CV40BSF06M350-G2.5

Flange through coolant Form B/AD available

Order Example – CV40BSF06M800

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Kg	Stop Screw
CV40BSF06M350	1	6	20	27	89	36	1.14	BTSS05014M
CV40BSF06M600	2	6	20	27	152	36	1.44	BTSS05014M
CV40BSF08M350	1	8	20	27	89	36	1.13	BTSS06014M
CV40BSF08M600	2	8	20	27	152	36	1.43	BTSS06014M
CV40BSF10M375	1	10	24	32	95	42	1.23	BTSS08014M
CV40BSF10M600	2	10	24	32	152	42	1.61	BTSS08014M
CV40BSF12M375	1	12	24	32	95	47	1.22	BTSS10014M
CV40BSF12M600	2	12	24	32	152	47	1.59	BTSS10014M
CV40BSF14M375	1	14	27	34	95	47	1.26	BTSS10014M
CV40BSF14M600	2	14	27	34	152	47	1.69	BTSS10014M
CV40BSF16M375	1	16	27	34	95	50	1.23	BTSS12014M
CV40BSF16M600	2	16	27	34	152	50	1.66	BTSS12014M
CV40BSF18M400	1	18	34	44	102	50	1.47	BTSS12014M
CV40BSF18M600	2	18	33	42	152	50	2.04	BTSS12014M
CV40BSF20M400	1	20	34	44	102	52	1.43	BTSS16014M
CV40BSF20M600	2	20	33	42	152	52	2.01	BTSS16014M
CV40BSF25M400	1	25	44	53	102	58	1.69	BTSS16014M
CV40BSF25M600	2	25	44	53	152	58	2.56	BTSS16014M
CV40BSF32M400	1	32	44	53	102	62	1.55	BTSS16014M
CV40BSF32M600	1	32	44	53	152	62	2.41	BTSS16014M
SF – CV FORM AD								
CV40SF06M350	3	6	20	27	89	36	1.14	BTSS05014M
CV40SF08M350	3	8	20	27	89	36	1.13	BTSS06014M
CV40SF10M375	3	10	24	32	95	42	1.23	BTSS08014M
CV40SF12M375	3	12	24	32	95	47	1.22	BTSS10014M
CV40SF14M375	3	14	27	34	95	47	1.26	BTSS10014M
CV40SF16M375	3	16	27	34	95	50	1.23	BTSS12014M
CV40SF18M400	3	18	34	44	102	50	1.47	BTSS12014M
CV40SF20M400	3	20	34	44	102	52	1.43	BTSS16014M
CV40SF25M400	3	25	44	53	102	58	1.69	BTSS16014M
CV40SF32M400	3	32	44	53	102	62	1.55	BTSS16014M

CV 40 Shank Tools

Caterpillar (inch) CV ANSI B5.50 / ISO 7388

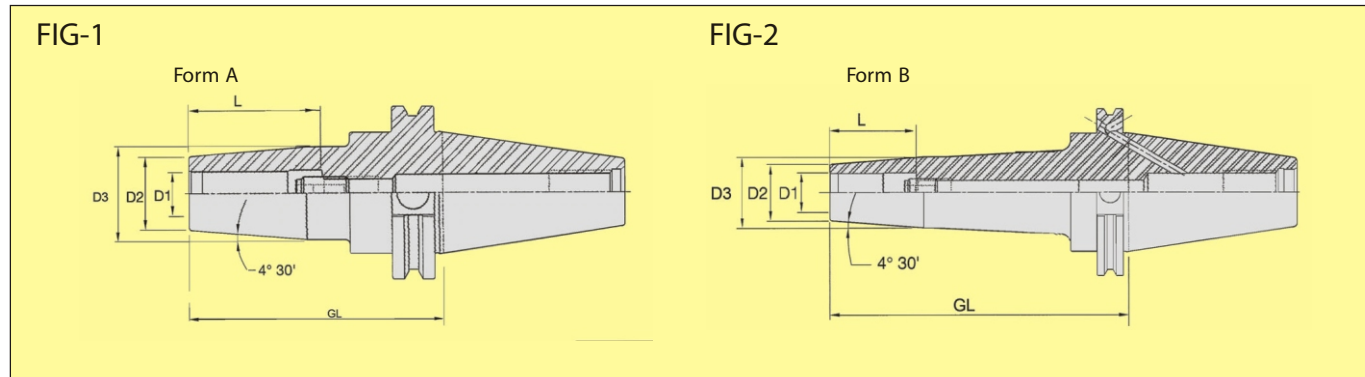
Shrink Fit Adapters – Inch.

Catalogue No	FIG	D1	D2	D3	GL	L	Wt. Lbs	Stop Screw
CV40BSF025350	1	1/4	0.83	1.06	3.50	1.41	2.51	BTTSS05014M
CV40BSF025600	2	1/4	0.83	1.06	6.00	1.41	3.18	BTTSS05014M
CV40BSF031350	1	5/16	0.83	1.06	3.50	1.41	2.49	BTTSS06014M
CV40BSF031600	2	5/16	0.79	1.06	6.00	1.41	3.18	BTTSS06014M
CV40BSF038375	1	3/8	0.94	1.26	3.75	1.81	2.71	BTTSS08014M
CV40BSF038600	2	3/8	0.94	1.26	6.00	1.81	3.55	BTTSS08014M
CV40BSF044375	1	7/16	0.94	1.26	3.75	1.81	2.69	BTTSS10014M
CV40BSF044600	2	7/16	0.94	1.26	6.00	1.81	3.53	BTTSS10014M
CV40BSF050375	1	1/2	0.94	1.26	3.75	1.81	2.67	BTTSS10014M
CV40BSF050600	2	1/2	0.94	1.26	6.00	1.81	3.51	BTTSS10014M
CV40BSF056375	1	9/16	1.06	1.34	3.75	1.81	2.78	BTTSS10014M
CV40BSF056600	2	9/16	1.06	1.34	6.00	1.81	3.73	BTTSS10014M
CV40BSF062375	1	5/8	1.06	1.34	3.75	1.93	2.73	BTTSS12014M
CV40BSF062600	2	5/8	1.06	1.34	6.00	1.93	3.66	BTTSS12014M
CV40BSF068400	1	11/16	1.34	1.75	4.00	1.93	3.26	BTTSS12014M
CV40BSF068600	2	11/16	1.30	1.65	6.00	1.93	4.52	BTTSS12014M
CV40BSF075400	1	3/4	1.34	1.75	4.00	2.00	3.22	BTTSS16014M
CV40BSF075600	2	3/4	1.30	1.65	6.00	2.00	4.45	BTTSS16014M
CV40BSF088400	1	7/8	1.34	1.75	4.00	2.00	3.09	BTTSS16014M
CV40BSF088600	2	7/8	1.30	1.65	6.00	2.00	4.37	BTTSS16014M
CV40BSF100400	1	1.00	1.73	2.08	4.00	2.24	3.73	BTTSS16014M
CV40BSF100600	2	1.00	1.73	2.08	6.00	2.24	5.62	BTTSS16014M
CV40BSF125400	1	1 1/4	1.73	2.08	4.00	2.24	3.42	BTTSS16014M
CV40BSF125600	2	1 1/4	1.73	2.08	6.00	2.24	5.34	BTTSS16014M
SF – CV FORM AD								
CV40SF025350	3	1/4	0.79	1.06	3.50	1.41	2.51	BTTSS05014M
CV40SF025600	3	1/4	0.79	1.06	6.00	1.41	3.18	BTTSS05014M
CV40SF031350	3	5/16	0.79	1.06	3.50	1.41	2.49	BTTSS06014M
CV40SF031600	3	5/16	0.79	1.06	6.00	1.41	3.18	BTTSS06014M
CV40SF038375	3	3/8	0.94	1.26	3.75	1.61	2.71	BTTSS08014M
CV40SF038600	3	3/8	0.94	1.26	6.00	1.61	3.55	BTTSS08014M
CV40SF044375	3	7/16	0.94	1.26	3.75	1.81	2.69	BTTSS10014M
CV40SF044600	3	7/16	0.94	1.26	6.00	1.81	3.53	BTTSS10014M
CV40SF050375	3	1/2	0.94	1.26	3.75	1.81	2.67	BTTSS10014M
CV40SF050600	3	1/2	0.94	1.26	6.00	1.81	3.51	BTTSS10014M
CV40SF056375	3	9/16	1.06	1.34	3.75	1.81	2.78	BTTSS10014M
CV40SF056600	3	9/16	1.06	1.34	6.00	1.81	3.73	BTTSS10014M
CV40SF062375	3	5/8	1.06	1.34	3.75	1.93	2.73	BTTSS12014M
CV40SF062600	3	5/8	1.06	1.34	6.00	1.93	3.66	BTTSS12014M
CV40SF068400	3	11/16	1.34	1.75	4.00	1.93	3.26	BTTSS12014M
CV40SF068600	3	11/16	1.34	1.75	6.00	1.93	4.52	BTTSS12014M
CV40SF075400	3	3/4	1.34	1.75	4.00	2.00	3.22	BTTSS16014M
CV40SF075600	3	3/4	1.30	1.65	6.00	2.00	4.45	BTTSS16014M
CV40SF088400	3	7/8	1.34	1.75	4.00	2.00	3.09	BTTSS16014M
CV40SF088600	3	7/8	1.30	1.65	6.00	2.00	4.37	BTTSS16014M
CV40SF100400	3	1.00	1.73	2.08	4.00	2.28	3.73	BTTSS16014M
CV40SF100600	3	1.00	1.73	2.08	6.00	2.28	5.62	BTTSS16014M
CV40SF125400	3	1 1/4	1.73	2.08	4.00	2.28	3.42	BTTSS16014M
CV40SF125600	3	1 1/4	1.73	2.08	6.00	2.28	5.34	BTTSS16014M

CV 50 Shank Tools

Caterpillar (inch) CV ANSI B5.50 / ISO 7388

Shrink Fit Adapters



- Pre Balanced G6.3 @ 15,000 rpm,
 - Through the tool holder coolant capability, Suitable for carbide & HSS Cutting tool, Runout < 0,003mm (0,0001"), 10mm (3/8") axial adjustment.
 - Order Example – CV50SF06M350
 - Dynamically balanced to G2.5 at 20,000 rpm. available on request
 - Order Example – CV50SF06M350-G2.5
- Available on Form B/AD Shank, Suitable
Order Example – CV50BSF06M800

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Kg	Stop Screw
CV50BSF06M350	1	6	21	27	89	36	3.10	BTTSS05014M
CV50BSF06M800	2	6	21	27	203	36	3.66	BTTSS05014M
CV50BSF08M350	1	8	21	27	89	36	3.08	BTTSS06014M
CV50BSF08M800	2	8	21	27	203	36	3.66	BTTSS06014M
CV50BSF10M375	1	10	24	32	95	42	3.25	BTTSS08014M
CV50BSF10M800	2	10	24	32	203	42	3.89	BTTSS08014M
CV50BSF12M375	1	12	24	32	95	47	3.18	BTTSS10014M
CV50BSF12M800	2	12	24	32	203	47	3.88	BTTSS10014M
CV50BSF14M375	1	14	27	34	95	47	3.22	BTTSS10014M
CV50BSF14M800	2	14	27	34	203	47	3.99	BTTSS10014M
CV50BSF16M375	1	16	27	34	95	50	3.22	BTTSS12014M
CV50BSF16M800	2	16	27	34	203	50	3.96	BTTSS12014M
CV50BSF18M400	1	18	33	42	102	50	3.43	BTTSS12014M
CV50BSF18M800	2	18	33	42	203	50	4.52	BTTSS12014M
CV50BSF20M400	1	20	33	42	102	52	3.37	BTTSS16014M
CV50BSF20M800	2	20	33	42	203	52	4.45	BTTSS16014M
CV50BSF25M400	1	25	44	53	102	58	3.69	BTTSS16014M
CV50BSF25M800	2	25	44	53	203	58	5.47	BTTSS16014M
CV50BSF32M400	1	32	44	53	102	62	3.55	BTTSS16014M
CV50BSF32M800	1	32	44	53	203	62	5.29	BTTSS16014M
SF – CV FORM AD								
CV50SF06M350	1	6	21	27	89	36	3.13	BTTSS05014M
CV50SF08M350	1	8	21	27	89	36	3.12	BTTSS06014M
CV50SF10M375	1	10	24	32	95	42	3.21	BTTSS08014M
CV50SF12M375	1	12	24	32	95	47	3.20	BTTSS10014M
CV50SF14M375	1	14	27	34	95	47	3.25	BTTSS10014M
CV50SF16M375	1	16	27	34	95	50	3.21	BTTSS12014M
CV50SF18M400	1	18	33	42	102	50	3.42	BTTSS12014M
CV50SF20M400	1	20	34	42	102	52	3.37	BTTSS16014M
CV50SF25M400	1	25	44	53	102	58	3.68	BTTSS16014M
CV50SF32M400	1	32	44	53	102	62	3.53	BTTSS16014M

CV 50 Shank Tools

Caterpillar (inch) CV ANSI B5.50 / ISO 7388

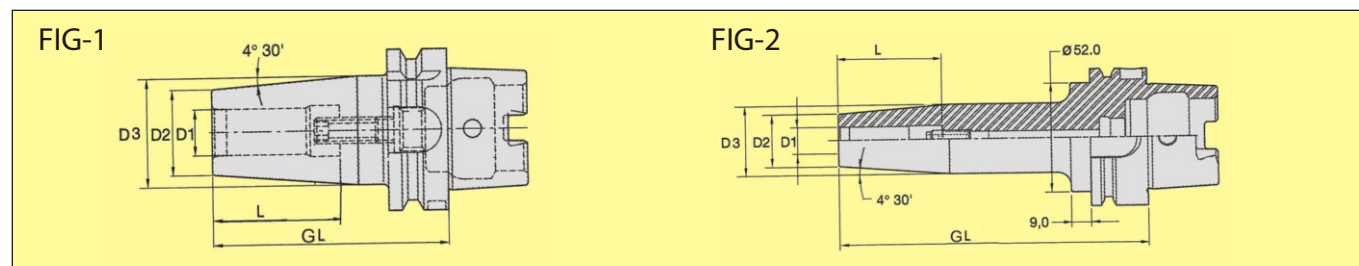
Shrink Fit Adapters –Inch.

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Lbs	Stop Screw
CV50BSF025350	1	1/4	0.83	1.06	3.50	1.41	6.83	BTTSS05014M
CV50BSF025800	2	1/4	0.83	1.06	8.00	1.41	8.09	BTTSS05014M
CV50BSF031350	1	5/16	0.83	1.06	3.50	1.41	6.82	BTTSS06014M
CV50BSF031800	2	5/16	0.83	1.06	8.00	1.41	8.08	BTTSS06014M
CV50BSF038375	1	3/8	0.94	1.26	3.75	1.61	7.01	BTTSS08014M
CV50BSF038800	2	3/8	0.94	1.26	8.00	1.61	8.59	BTTSS08014M
CV50BSF044375	1	7/16	0.94	1.26	3.75	1.81	7.02	BTTSS10014M
CV50BSF044800	2	7/16	0.94	1.26	8.00	1.81	8.57	BTTSS10014M
CV50BSF050375	1	1/2	0.94	1.26	3.75	1.81	6.99	BTTSS10014M
CV50BSF050800	2	1/2	0.94	1.26	8.00	1.81	8.54	BTTSS10014M
CV50BSF056375	1	9/16	1.06	1.34	3.75	1.81	7.10	BTTSS10014M
CV50BSF056800	2	9/16	1.06	1.34	8.00	1.85	8.78	BTTSS10014M
CV50BSF062375	1	5/8	1.06	1.34	3.75	1.93	6.00	BTTSS12014M
CV50BSF062800	2	5/8	1.06	1.34	8.00	1.93	8.74	BTTSS12014M
CV50BSF068400	1	11/16	1.30	1.65	4.00	1.93	7.50	BTTSS12014M
CV50BSF068800	2	11/16	1.30	1.65	8.00	1.93	9.89	BTTSS12014M
CV50BSF075400	1	3/4	1.30	1.65	4.00	2.00	7.44	BTTSS16014M
CV50BSF075800	2	3/4	1.30	1.65	8.00	2.00	9.83	BTTSS16014M
CV50BSF088400	1	7/8	1.30	1.65	4.00	2.00	7.35	BTTSS16014M
CV50BSF088800	2	7/8	1.30	1.65	8.00	2.00	9.74	BTTSS16014M
CV50BSF100400	1	1.00	1.73	2.08	4.00	2.40	8.09	BTTSS16014M
CV50BSF100800	2	1.00	1.73	2.08	8.00	2.40	12.00	BTTSS16014M
CV50BSF125400	1	1 1/4	1.73	2.08	4.00	2.40	7.79	BTTSS16014M
CV50BSF125800	2	1 1/4	1.73	2.08	8.00	2.40	11.68	BTTSS16014M
CV50BSF150450	1	1 1/2	2.36	2.75	4.50	2.40	9.82	BTTSS20014M
CV50BSF200450	2	2.00	2.72	3.11	4.50	2.59	10.08	BTTSS20014M
SF – CV FORM AD								
CV50SF025350	3	1/4	0.83	1.06	3.50	1.41	6.88	BTTSS05014M
CV50SF025800	3	1/4	0.83	1.06	6.00	1.41	8.22	BTTSS05014M
CV50SF031350	3	5/16	0.83	1.06	3.50	1.41	6.88	BTTSS06014M
CV50SF031800	3	5/16	0.83	1.06	6.00	1.41	8.22	BTTSS06014M
CV50SF038375	3	3/8	0.94	1.26	3.75	1.61	7.10	BTTSS08014M
CV50SF038800	3	3/8	0.94	1.26	6.00	1.61	8.75	BTTSS08014M
CV50SF044375	3	7/16	0.94	1.26	3.75	1.81	7.06	BTTSS08014M
CV50SF044800	3	7/16	0.94	1.26	6.00	1.81	8.73	BTTSS08014M
CV50SF050375	3	1/2	0.94	1.26	3.75	1.81	7.03	BTTSS08014M
CV50SF050800	3	1/2	0.94	1.26	6.00	1.81	8.71	BTTSS08014M
CV50SF056375	3	9/16	1.06	1.34	3.75	1.81	7.14	BTTSS08014M
CV50SF056800	3	9/16	1.06	1.34	6.00	1.85	9.04	BTTSS08014M
CV50SF062375	3	5/8	1.06	1.34	3.75	1.93	7.08	BTTSS12014M
CV50SF062800	3	5/8	1.06	1.34	6.00	1.93	8.91	BTTSS12014M
CV50SF068400	3	11/16	1.30	1.65	4.00	1.93	7.56	BTTSS12014M
CV50SF068800	3	11/16	1.30	1.65	6.00	1.93	10.14	BTTSS12014M
CV50SF075400	3	3/4	1.30	1.65	4.00	2.00	7.52	BTTSS16014M
CV50SF075800	3	3/4	1.30	1.65	6.00	2.00	9.88	BTTSS16014M
CV50SF088400	3	7/8	1.30	1.65	4.00	2.00	7.36	BTTSS16014M
CV50SF088800	3	7/8	1.30	1.65	6.00	2.00	9.79	BTTSS16014M
CV50SF100400	3	1.00	1.73	2.08	4.00	2.24	8.09	BTTSS16014M
CV50SF100800	3	1.00	1.73	2.08	6.00	2.24	12.04	BTTSS16014M
CV50SF125400	3	1 1/4	1.73	2.08	4.00	2.24	7.81	BTTSS16014M
CV50SF125800	3	1 1/4	1.73	2.08	6.00	2.24	11.75	BTTSS16014M

HSK 50A Shank Tools

DIN 69893 part 1, form A

Shrink Fit Adapters



- Pre Balanced G6.3 @ 15,000 rpm,
- Through the tool holder coolant capability,
- Carbide and HSS cutting tools 3/8"(10mm) axial adjustment,
Less than 0.0001" (0.003mm) run out
- Order Example – HSK50ASF06080M
- Dynamically Balanced to G2.5 @ 20,000 rpm available on request
- Order Example – HSK50ASF06080M-G2.5

BSF-HSK Form A – Metric

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Kg	Stop Screw
HSK50ASF06080M	1	6	20	27	80	36	0.68	BTSS05014M
HSK50ASF06130M	2	6	20	27	130	36	1.12	BTSS05014M
HSK50ASF06160M	2	6	20	27	160	36	1.38	BTSS05014M
HSK50ASF08080M	1	8	20	27	80	36	0.67	BTSS06014M
HSK50ASF08130M	2	8	20	27	130	36	1.09	BTSS06014M
HSK50ASF08160M	2	8	20	27	160	36	1.37	BTSS06014M
HSK50ASF10085M	1	10	24	32	85	42	0.76	BTSS08014M
HSK50ASF10130M	2	10	24	32	130	42	1.21	BTSS08014M
HSK50ASF10160M	2	10	24	32	160	42	1.50	BTSS08014M
HSK50ASF12090M	1	12	24	32	90	47	0.77	BTSS10014M
HSK50ASF12130M	2	12	24	32	90	47	1.19	BTSS10014M
HSK50ASF12160M	2	12	24	32	90	47	1.49	BTSS10014M
HSK50ASF14090M	1	14	27	34	90	47	0.82	BTSS10014M
HSK50ASF14130M	2	14	27	34	130	47	1.26	BTSS10014M
HSK50ASF14160M	2	14	27	34	160	47	1.73	BTSS10014M
HSK50ASF16095M	1	16	27	34	95	50	0.83	BTSS12014M
HSK50ASF16130M	2	16	27	34	130	50	1.23	BTSS12014M
HSK50ASF16160M	2	16	27	34	160	50	1.69	BTSS12014M
HSK50ASF18095M	1	18	33	42	95	50	1.01	BTSS12014M
HSK50ASF18130M	2	18	33	42	130	50	1.46	BTSS12014M
HSK50ASF18160M	2	18	33	42	160	50	1.39	BTSS12014M
HSK50ASF20100M	1	20	33	42	130	52	1.03	BTSS16014M
HSK50ASF20130M	2	20	33	42	130	52	1.43	BTSS16014M
HSK50ASF20160M	2	20	33	42	160	52	2.02	BTSS16014M

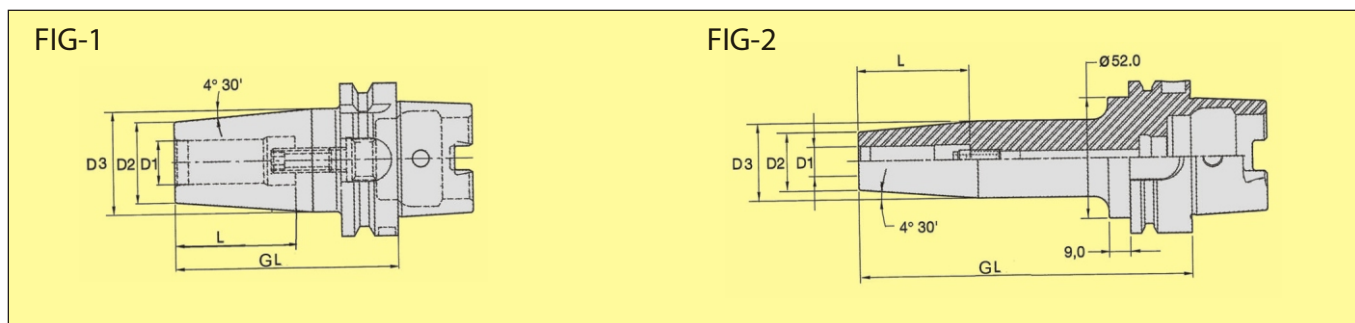
BSF-HSK Form A - Inch.

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Lbs	Stop Screw
HSK50ASF025315	1	1/4	0.79	1.06	3.15	1.41	1.18	BTSS05014M
HSK50ASF031315	1	5/16	0.79	1.06	3.15	1.41	1.07	BTSS06014M
HSK50ASF038335	1	3/8	0.94	1.26	3.35	1.65	1.27	BTSS08014M
HSK50ASF044354	1	7/16	0.94	1.26	3.54	1.85	1.31	BTSS10014M
HSK50ASF050354	1	1/2	0.94	1.26	3.54	1.85	1.28	BTSS10014M
HSK50ASF056354	1	9/16	1.06	1.34	3.54	1.85	1.40	BTSS10014M
HSK50ASF062374	1	5/8	1.06	1.34	3.74	1.96	1.41	BTSS12014M
HSK50ASF083394	1	3/4	1.30	1.65	3.94	2.06	1.84	BTSS18014M

HSK 63A Shank Tools

DIN 69893 part 1, form A

Shrink Fit Adapters – Metric



- Pre Balanced G6.3 @ 15,000 rpm, Through tool holder coolant capability, Suitable for carbide & HSS Cutting tool, Runout < 0,003mm (0,0001"), 10mm (3/8") axial adjustment.
- Order Example – HSK63ASF06080M
- Dynamically balanced to G2.5 @ 20,000 RPM available on request
- Order Example – HSK63ASF06080M G2.5

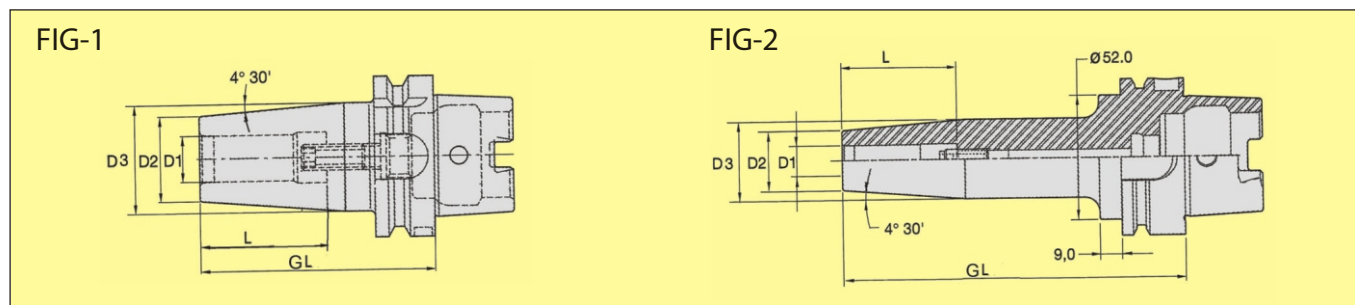
BSF-HSK Form A – Metric

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Kg	Stop Screw
HSK63ASF06080M	1	6	21	27	80	36	0.83	BTSS05014M
HSK63ASF06130M	2	6	21	27	130	36	1.10	BTSS05014M
HSK63ASF06160M	2	6	21	27	160	36	1.38	BTSS05018M
HSK63ASF08080M	1	8	21	27	80	36	0.82	BTSS06014M
HSK63ASF08130M	2	8	21	27	130	36	1.10	BTSS06014M
HSK63ASF08160M	2	8	21	27	160	36	1.33	BTSS06014M
HSK63ASF10085M	1	10	24	32	85	42	0.90	BTSS08014M
HSK63ASF10130M	2	10	24	32	130	42	1.21	BTSS08014M
HSK63ASF10160M	2	10	24	32	160	42	1.50	BTSS08014M
HSK63ASF12090M	1	12	24	32	90	47	0.92	BTSS10014M
HSK63ASF12130M	2	12	24	32	130	47	1.19	BTSS10014M
HSK63ASF12160M	2	12	24	32	90	47	1.49	BTSS10014M
HSK63ASF14090M	1	14	27	34	90	47	0.97	BTSS10014M
HSK63ASF14130M	2	14	27	34	130	47	1.36	BTSS10014M
HSK63ASF14160M	2	14	27	34	160	47	1.58	BTSS10014M
HSK63ASF16095M	1	16	27	34	95	50	0.98	BTSS12014M
HSK63ASF16130M	2	16	27	34	130	50	1.33	BTSS12014M
HSK63ASF16160M	2	16	27	34	160	50	1.56	BTSS12014M
HSK63ASF18095M	1	18	33	42	95	50	1.15	BTSS12014M
HSK63ASF18130M	2	18	33	42	130	50	1.46	BTSS12014M
HSK63ASF18160M	2	18	33	42	160	50	1.93	BTSS12014M
HSK63ASF20100M	1	20	33	42	130	52	1.17	BTSS16014M
HSK63ASF20130M	2	20	33	42	130	52	1.43	BTSS16014M
HSK63ASF20160M	2	20	33	42	160	52	1.90	BTSS16014M
HSK63ASF25115M	1	25	44	53	115	57	1.77	BTSS16014M
HSK63ASF25160M	2	25	44	53	160	57	2.52	BTSS16014M
HSK63ASF32120M	1	32	44	53	120	61	1.79	BTSS16014M
HSK63ASF32160M	2	32	44	53	160	61	2.35	BTSS16014M

HSK 63A Shank Tools

DIN 69893 part 1, form A

Shrink Fit Adapters – Inch



- Pre Balanced G6.3 @ 15,000 rpm, Through tool holder coolant capability, Suitable for carbide & HSS Cutting tool, Run out < 0,003mm (0,0001"), 10mm (3/8") axial adjustment.
- Order Example – HSK63ASF025315
- Dynamically balanced to G2.5 @ 20,000 RPM available on request
- Order Example – HSK63ASF025315 G2.5

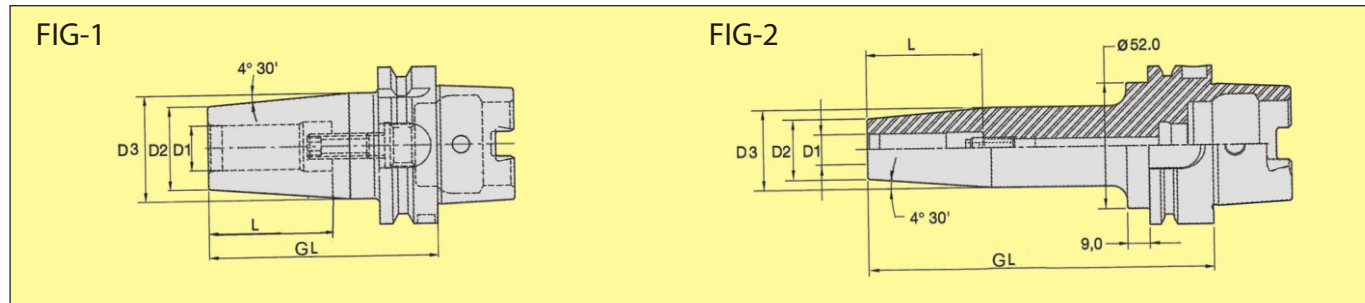
BSF-HSK Form A - Inch

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Lbs	Stop Screw
HSK63ASF025315	1	1/4	0.83	1.06	3.15	1.41	1.83	BTTSS05014M
HSK63ASF025472	1	1/4	0.83	1.06	4.72	1.41	2.44	BTTSS05014M
HSK63ASF025630	2	1/4	0.83	1.06	6.30	1.41	2.92	BTTSS05014M
HSK63ASF031315	1	5/16	0.83	1.06	3.15	1.41	1.82	BTTSS06014M
HSK63ASF031472	1	5/16	0.83	1.06	4.72	1.41	2.40	BTTSS06014M
HSK63ASF031630	2	5/16	0.83	1.06	6.30	1.41	2.91	BTTSS06014M
HSK63ASF038335	1	3/8	0.94	1.26	3.35	1.53	2.00	BTTSS08014M
HSK63ASF038472	1	3/8	0.94	1.26	4.72	1.53	2.66	BTTSS08014M
HSK63ASF038630	2	3/8	0.95	1.26	6.30	1.53	3.30	BTTSS08014M
HSK63ASF044354	1	7/16	0.94	1.26	3.54	1.61	2.03	BTTSS10014M
HSK63ASF044472	1	7/16	0.94	1.26	4.72	1.61	2.63	BTTSS10014M
HSK63ASF044630	2	7/16	0.94	1.26	6.30	1.61	3.30	BTTSS10014M
HSK63ASF050354	1	1/2	0.94	1.26	3.54	1.81	2.01	BTTSS10014M
HSK63ASF050472	1	1/2	0.94	1.26	4.72	1.81	2.61	BTTSS10014M
HSK63ASF050630	2	1/2	0.95	1.26	6.30	1.81	3.25	BTTSS10014M
HSK63ASF056354	1	9/16	1.06	1.34	3.54	1.81	2.13	BTTSS10014M
HSK63ASF056472	1	9/16	1.06	1.34	4.72	1.81	3.61	BTTSS10014M
HSK63ASF056630	2	9/16	1.06	1.34	6.30	1.81	3.30	BTTSS10014M
HSK63ASF062374	1	5/8	1.06	1.34	3.74	1.93	2.15	BTTSS12014M
HSK63ASF062472	1	5/8	1.06	1.34	4.72	1.93	2.72	BTTSS12014M
HSK63ASF062630	2	5/8	1.06	1.34	6.30	1.93	3.46	BTTSS12014M
HSK63ASF068374	1	11/16	1.30	1.65	3.74	1.96	2.15	BTTSS12014M
HSK63ASF068630	2	11/16	1.30	1.65	6.30	1.96	3.46	BTTSS12014M
HSK63ASF075394	1	3/4	1.30	1.65	3.94	2.00	2.60	BTTSS16014M
HSK63ASF075630	2	3/4	1.30	1.65	6.30	2.00	4.21	BTTSS16014M
HSK63ASF088394	1	7/8	1.30	1.65	3.94	2.00	2.51	BTTSS16014M
HSK63ASF088630	2	7/8	1.30	1.65	6.30	2.00	4.12	BTTSS16014M
HSK63ASF100453	1	1	1.73	2.08	4.53	2.21	3.88	BTTSS16014M
HSK63ASF100630	2	1	1.73	2.08	6.30	2.21	5.53	BTTSS16014M
HSK63ASF125472	1	1 1/4	1.73	2.08	4.72	2.40	3.73	BTTSS16014M
HSK63ASF125630	2	1 1/4	1.73	2.08	6.30	2.40	5.20	BTTSS16014M

HSK100A Shank Tools

DIN 69893 part 1, form A.

Shrink Fit Adapters



- Pre-Balanced G6.3 @ 15,000 rpm,
- Through the tool holder coolant capability,
- Carbide and HSS cutting tools, 3/8"(10mm) axial adjustment, Less than 0.0001" (0.003mm) runout
- Order Example – HSK100ABSF06085M
- Dynamically balanced to G2.5 at 20,000 rpm available on request
- Order Example – HSK100ABSF06085M G2.5

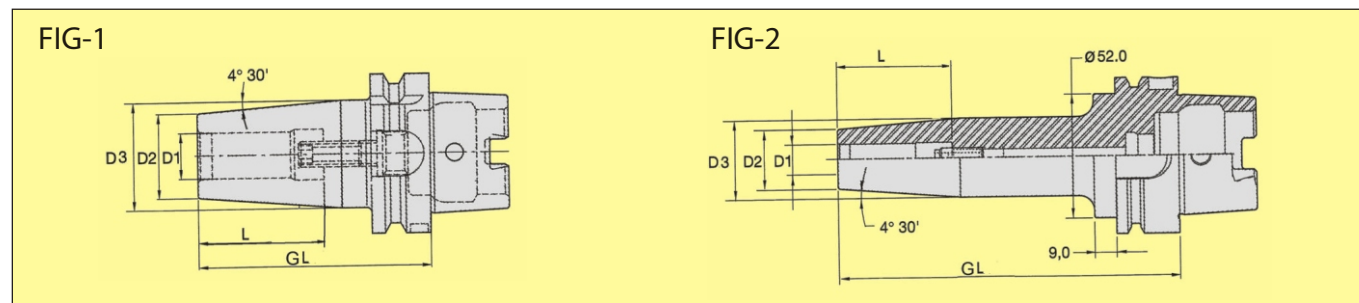
SF-HSK Form A – Metric

Catalogue No	FIG	D1	D2	D3	GL	L	Wt.Kg	Stop Screw
HSK100ASF06085M	1	6	21	27	85	36	2.19	BTTSS05014M
HSK100ASF06130M	2	6	21	27	130	36	2.60	BTTSS05014M
HSK100ASF06160M	2	6	21	27	160	36	3.00	BTTSS05014M
HSK100ASF08085M	1	8	21	27	85	36	2.18	BTTSS06014M
HSK100ASF08130M	2	8	21	27	130	36	2.50	BTTSS06014M
HSK100ASF08160M	2	8	21	27	160	36	2.90	BTTSS06014M
HSK100ASF10090M	1	10	24	32	90	41	2.27	BTTSS08014M
HSK100ASF10130M	2	10	24	32	130	41	2.65	BTTSS08014M
HSK100ASF10160M	2	10	24	32	160	41	3.01	BTTSS08014M
HSK100ASF12095M	1	12	24	32	95	46	2.28	BTTSS10014M
HSK100ASF12130M	2	12	24	32	130	46	2.65	BTTSS10014M
HSK100ASF12160M	2	12	24	32	160	46	3.02	BTTSS10014M
HSK100ASF14095M	1	14	27	34	95	46	2.33	BTTSS10014M
HSK100ASF14130M	2	14	27	34	130	46	2.75	BTTSS10014M
HSK100ASF14160M	2	14	27	34	160	46	3.15	BTTSS10014M
HSK100ASF16100M	1	16	27	34	100	49	2.34	BTTSS12014M
HSK100ASF16130M	2	16	27	34	130	49	2.78	BTTSS12014M
HSK100ASF16160M	2	16	27	34	160	49	3.45	BTTSS12014M
HSK100ASF18100M	1	18	33	42	100	49	2.52	BTTSS12014M
HSK100ASF18130M	2	18	33	42	130	49	2.95	BTTSS12014M
HSK100ASF18160M	2	18	33	42	160	49	3.35	BTTSS12014M
HSK100ASF20105M	1	20	33	42	105	51	2.54	BTTSS16014M
HSK100ASF20130M	2	20	33	42	130	51	2.95	BTTSS16014M
HSK100ASF20160M	2	20	33	42	160	51	3.45	BTTSS16014M
HSK100ASF25115M	1	25	44	53	115	57	3.07	BTTSS16014M
HSK100ASF25160M	2	25	44	53	160	57	3.55	BTTSS16014M
HSK100ASF32120M	1	32	44	53	120	57	2.99	BTTSS16014M
HSK100ASF32160M	2	32	44	53	160	61	3.55	BTTSS16014M
HSK100ASF40135M	1	40	60	70	135	61	4.32	BTTSS20014M
HSK100ASF50140M	1	50	69	79	140	78	5.85	BTTSS20014M

HSK100A Shank Tools

DIN 69893 part 1, form A.

Shrink Fit Adapters – Inch



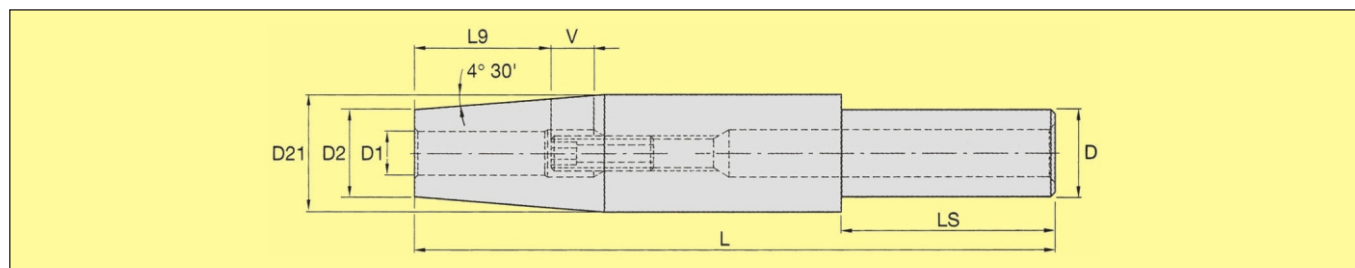
- Pre-Balanced G6.3 @ 15,000 rpm,
- Through the tool holder coolant capability,
- Carbide and HSS cutting tools, 3/8"(10mm) axial adjustment, Less than 0.0001" (0.003mm) runout
- Order Example – HSK100ABSF025335
- Dynamically balanced to G2.5 at 20,000 rpm available on request
- Order Example – HSK100ABSF025335 G2.5

BSF-HSK Form A – Inch

Catalogue No	FIG	D1	D2	D3	GL	L	Wt. Lbs	Stop Screw
HSK100ASF025335	1	1/4	0.83	1.06	3.35	1.41	4.82	BTSS05014M
HSK100ASF025630	2	1/4	0.83	1.06	6.30	1.41	6.46	BTSS05014M
HSK100ASF031335	1	5/16	0.83	1.06	3.35	1.41	4.81	BTSS06014M
HSK100ASF031630	2	5/16	0.83	1.06	6.30	1.41	6.45	BTSS06014M
HSK100ASF038354	1	3/8	0.94	1.26	3.54	1.61	5.00	BTSS08014M
HSK100ASF038630	2	3/8	0.94	1.26	6.30	1.61	6.68	BTSS08014M
HSK100ASF044374	1	7/16	0.94	1.26	3.74	1.85	4.85	BTSS08014M
HSK100ASF044630	2	7/16	0.94	1.34	6.30	1.85	6.28	BTSS08014M
HSK100ASF050374	1	1/2	0.94	1.26	3.74	1.81	5.01	BTSS10014M
HSK100ASF050630	2	1/2	0.94	1.26	6.30	1.81	6.64	BTSS10014M
HSK100ASF056374	1	9/16	1.06	1.34	3.74	1.81	6.79	BTSS10014M
HSK100ASF056630	2	9/16	1.06	1.65	6.30	1.81	7.20	BTSS10014M
HSK100ASF062394	1	5/8	1.06	1.33	3.94	1.93	5.16	BTSS12014M
HSK100ASF062630	2	5/8	1.06	1.33	6.30	1.93	7.13	BTSS12014M
HSK100ASF068394	1	11/16	1.30	1.65	3.94	1.93	7.45	BTSS12014M
HSK100ASF068630	2	11/16	1.30	2.05	6.30	1.93	7.93	BTSS12014M
HSK100ASF075413	1	3/4	1.30	1.65	4.13	2.00	5.63	BTSS16014M
HSK100ASF075630	2	3/4	1.30	2.05	6.30	2.00	7.17	BTSS16014M
HSK100ASF088413	1	7/8	1.30	1.65	4.13	2.00	5.53	BTSS16014M
HSK100ASF088630	2	7/8	1.30	2.05	6.30	2.00	7.80	BTSS16014M
HSK100ASF100453	1	1	1.73	2.09	4.53	2.24	6.75	BTSS16014M
HSK100ASF100630	2	1	1.73	2.09	6.30	2.24	8.38	BTSS16014M
HSK100ASF125472	1	1 1/4	1.73	2.09	4.72	2.24	6.60	BTSS16014M
HSK100ASF125630	2	1 1/4	1.73	2.36	6.30	2.24	9.02	BTSS16014M
HSK100ASF150531	1	1 1/2	2.36	2.75	5.31	2.40	9.52	BTSS20014M
HSK100ASF200551	1	2	2.72	3.11	5.55	2.67	8.31	BTSS20014M

Straight Shank Tools

Shrink Fit Straight Shank



- Balanced by design, Recommended for drilling & reaming, Slim profile, Through coolant capability, Axial adjustment.
- Ordering Example: -SS050SF04150M
- Straight shank tool holder extension is a great complement to the shrink fit program. Caution is required, however, as a permanent damage and warping can occur due to the overheating of the slim design. The life cycle of the tool holders will be drastically reduced if the activating heat is not controlled.
- Due to the nature of the slim line design, only a limited number of heat shrinks can be activated. Experience has shown that over 300 heat shrink can be performed with the straight shank extensions when the activation heat has been controlled at less than 800 Deg.F (426 Deg.C)

Shrink Fit Straight Shank –Metric – Suitable for CARBIDE only.

Catalogue No.	D	D1	D2	D21	L	LS	L 9	V	Wt. Kg	Stop Screw
SS200SF04150M	20.00	4	9.00	14.90	150	50	15	10	0.43	BTSS05014M
SS200SF05150M	20.00	5	9.00	14.90	150	50	15	10	0.43	BTSS06014M
SS200SF06150M	20.00	6	15.00	20.00	150	50	26	10	0.44	BTSS05014M
SS200SF08150M	20.00	8	15.00	20.00	150	50	26	10	0.49	BTSS06014M

Shrink Fit Straight Shank – Suitable for CARBIDE & HSS Cutting Tool

Catalogue No.	D	D1	D2	D21	L	LS	L 9	V	Wt. Kg	Stop Screw
SS200SF10150M	20.00	10	20.00	27.00	150	50	32	10	0.48	BTSS08014M
SS200SF12150M	20.00	12	20.00	27.00	150	50	37	10	0.47	BTSS08014M

Shrink Fit Straight Shank –Metric – Suitable for CARBIDE & HSS Cutting Tool

Catalogue No.	D	D1	D2	D21	L	L 9	V	Wt. Lbs	Stop Screw
SS050SF012600	½	1/8	0.35	0.50	6.0	0.61	0.39	0.25	BTSS05014M
SS050SF018600	½	3/16	0.35	0.50	6.0	0.61	0.39	0.25	BTSS06014M
SS075SF025600	¾	¼	0.59	0.75	6.0	1.02	0.39	0.62	BTSS05014M
SS075SF031600	¾	5/16	0.59	0.75	6.0	1.02	0.39	0.62	BTSS06014M

Shrink Fit Straight Shank –Inch – Suitable for CARBIDE & HSS Cutting Tool

Catalogue No.	D	D1	D2	D21	L	LS	L 9	V	Wt. Lbs	Stop Screw
SS075SF038600	¾	3/8	0.79	1.06	6.0	1.5	1.26	0.39	1.08	BTSS08014M
SS075SF044600	¾	7/16	0.79	1.06	6.0	1.5	1.46	0.39	1.05	BTSS08014M
SS075SF050600	¾	½	0.79	1.06	6.0	1.5	1.46	0.39	1.03	BTSS08014M
SS100SF056700	1.0	9/16	0.95	1.26	7.0	1.75	1.46	0.39	1.73	BTSS08014M
SS100SF062700	1.0	5/8	0.95	1.26	7.0	1.75	1.57	0.39	1.69	BTSS12020M