



Falcon®

MAS BT (JIS 6339)



2019 Catalog

World-class products

Precise quality

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ZERTIFIKAT ♦ CERTIFICATE ♦ 認証証書 ♦ CERTIFICADO ♦ CERTIFICAT



CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited
certifies that



Falcon Toolings
SF No -205/1 & 2, Kuttai Thottam, Kalapatti post
Coimbatore- 641048, Tamil Nadu, INDIA

has implemented a Quality Management System
in accordance with ISO 9001:2015
For Scope of

Design, Development, Manufacturing & Supply of Toolings

The certificate is valid in conjunction
with the main-certificate from 2018-01-20 until 2021-01-19
Subject to successful completion of annual periodic audits
The present status of this Certificate can be obtained on www.tuv.sud.in
Further clarifications regarding the scope of this certificate may be obtained by consulting the certification body

Certificate Registration No. **99 100 10587/01**

Date of Initial certification : 2015-01-20

Certification Body
of TÜV SÜD South Asia Private Limited, Mumbai
Member of TÜV SÜD Group



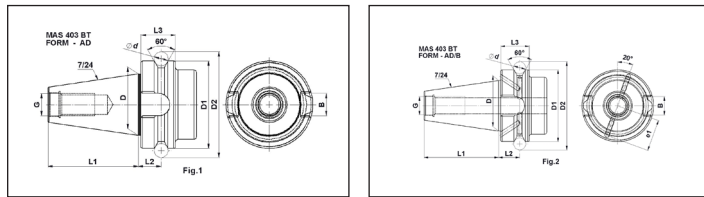
MAS BT (JIS 6339)

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Machine Design



Form AD & AD/B

Machine Design	TAPER ISO	D	D1	D2	L1	L2	L3	d.	B	G	e1
BT30	30	31.75	46.0	56.14	48.4	13.6	22	8	16.1	M12	20
BT35	35	38.1	53.0	61.97	56.4	14.6	24	9	16.1	M12	-
BT40	40	44.45	63.0	75.68	65.4	16.6	27	10	16.1	M16	27
BT50	50	69.85	100.0	119.02	101.8	23.2	38	15	25.7	M24	42

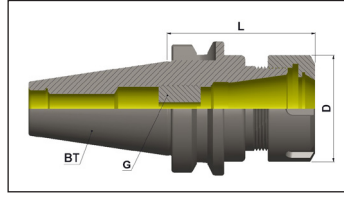
Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

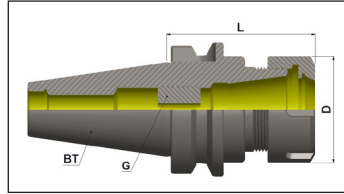
BT - Form AD - G6.3

BT 30 - Standard GPL



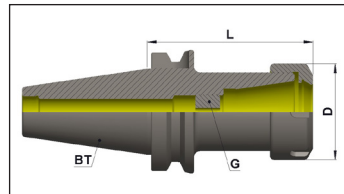
Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1B301A-ERS16070	BT 30 AD ER 16 070	30	AD	ER 16	70	1-10	SCW7/16	28	F15500-16ERH	0.7	A
F1B301A-ERS20070	BT 30 AD ER 20 070	30	AD	ER 20	70	1-13	M14X1.5	35	F15500-20ERS	0.7	A
F1B301A-ERS25070	BT 30 AD ER 25 070	30	AD	ER 25	70	1-16	M14X1.5	42	F15500-25ERS	0.8	A
F1B301A-ERS32070	BT 30 AD ER 32 070	30	AD	ER 32	70	2-20	M14X1.5	50	F15500-32ERS	0.8	A

BT 40 - Standard GPL



Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1B401A-ERS11070	BT 40 AD ER 11 070	40	AD	ER11	70	1-7	M6	19	F15500-11ERH	1.2	A
F1B401A-ERS16070	BT 40 AD ER 16 070	40	AD	ER16	70	1-10	SCW7/16	28	F15500-16ERH	1.2	A
F1B401A-ERS20070	BT 40 AD ER 20 070	40	AD	ER20	70	1-13	M14X1.5	35	F15500-20ERS	1.2	A
F1B401A-ERS25070	BT 40 AD ER 25 070	40	AD	ER25	70	1-16	M18X1.5	42	F15500-25ERS	1.3	A
F1B401A-ERS32070	BT 40 AD ER 32 070	40	AD	ER32	70	2-20	M22X1.5	50	F15500-32ERS	1.3	A
F1B401A-ERS40070	BT 40 AD ER 40 070	40	AD	ER40	70	3-26	M28X1.5	63	F15500-40ERS	1.4	A

BT 40 - GPL = 100 mm



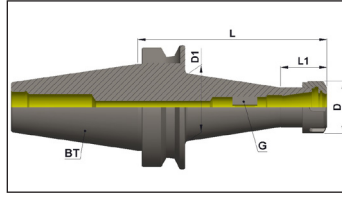
Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1B401A-ERS16100	BT 40 AD ER 16 100	40	AD	ER16	100	1-10	SCW7/16	28	F15500-16ERH	1.4	A
F1B401A-ERS20100	BT 40 AD ER 20 100	40	AD	ER20	100	1-13	M14X1.5	35	F15500-20ERS	1.4	A
F1B401A-ERS25100	BT 40 AD ER 25 100	40	AD	ER25	100	1-16	M18X1.5	42	F15500-25ERS	1.4	A
F1B401A-ERS32100	BT 40 AD ER 32 100	40	AD	ER32	100	2-20	M22X1.5	50	F15500-32ERS	1.6	A
F1B401A-ERS40100	BT 40 AD ER 40 100	40	AD	ER40	100	3-26	M28X1.5	63	F15500-40ERS	1.9	A
F1B401A-ERS50100	BT 40 AD ER 50 100	40	AD	ER50	100	10-34	M22X1.5	78	F15500-50ERS	2.3	A

Pre balanced G6.3@15000 RPM
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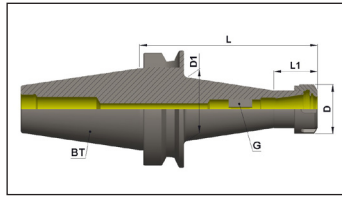
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BT 40 - GPL = 160 mm



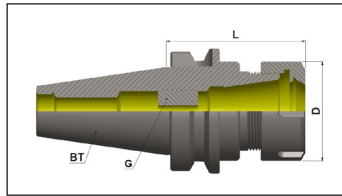
Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	D1	L1	Nut	Kgs	Group
F1B401A-ERS16160	BT 40 AD ER 16 160	40	AD	ER 16	160	1-10	SCW7/16	28	28	31.6	F15500-16ERH	1.5	A
F1B401A-ERS20160	BT 40 AD ER 20 160	40	AD	ER 20	160	1-13	M14X1.5	35	34	32.5	F15500-20ERS	1.5	A
F1B401A-ERS25160	BT 40 AD ER 25 160	40	AD	ER 25	160	1-16	M18X1.5	42	40	37	F15500-25ERS	1.8	A
F1B401A-ERS32160	BT 40 AD ER 32 160	40	AD	ER 32	160	2-20	M22X1.5	50	48	33	F15500-32ERS	2	A
F1B401A-ERS40160	BT 40 AD ER 40 160	40	AD	ER 40	160	3-26	M28X1.5	63		-	F15500-40ERS	2	A

BT 40 - GPL = 200 mm



Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	D1	L1	Nut	Kgs	Group
F1B401A-ERS16200	BT 40 AD ER 16 200	40	AD	ER16	200	1-10	SCW7/16	28	28	31.6	F15500-16ERH	1.7	A
F1B401A-ERS25200	BT 40 AD ER 25 200	40	AD	ER25	200	1-16	M18X1.5	42	40	37	F15500-25ERS	2.0	A
F1B401A-ERS32200	BT 40 AD ER 32 200	40	AD	ER32	200	2-20	M22X1.5	50	46	33	F15500-32ERS	2.2	A
F1B401A-ERS40200	BT 40 AD ER 40 200	40	AD	ER40	200	3-26	M28X1.5	63	-	-	F15500-40ERS	2.2	A

BT 50 - Standard GPL



Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1B501A-ERS16080	BT 50 AD ER 16 080	50	AD	ER16	80	1-10	SCW7/16	28	F15500-16ERH	3.8	A
F1B501A-ERS20080	BT 50 AD ER 20 080	50	AD	ER20	80	1-13	M14X1.5	35	F15500-20ERS	3.8	A
F1B501A-ERS25080	BT 50 AD ER 25 080	50	AD	ER25	80	1-16	M18X1.5	42	F15500-25ERS	3.8	A
F1B501A-ERS32080	BT 50 AD ER 32 080	50	AD	ER32	80	2-20	M22X1.5	50	F15500-32ERS	3.9	A
F1B501A-ERS40080	BT 50 AD ER 40 080	50	AD	ER40	80	3-26	M28X1.5	63	F15500-40ERS	4	A

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BT 50 - GPL = 100 mm



Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1B501A-ERS16100	BT 50 AD ER 16 100	50	AD	ER16	100	1-10	SCW7/16	28	F15500-16ERH	4	A
F1B501A-ERS25100	BT 50 AD ER 25 100	50	AD	ER25	100	1-16	M18X1.5	42	F15500-25ERS	4.1	A
F1B501A-ERS32100	BT 50 AD ER 32 100	50	AD	ER32	100	2-20	M22x1.5	50	F15500-32ERS	4.3	A
F1B501A-ERS40100	BT 50 AD ER 40 100	50	AD	ER40	100	3-26	M28X1.5	63	F15500-40ERS	4.5	A

BT 50 - GPL = 160 mm



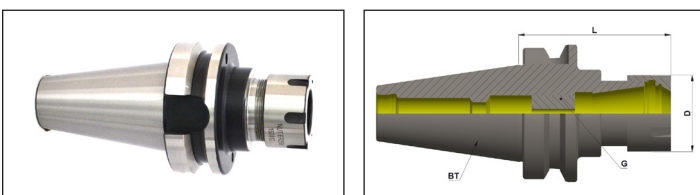
Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	D1	L1	Nut	Kgs	Group
F1B501A-ERS16160	BT 50 AD ER 16 160	50	AD	ER16	160	1-10	SCW7/16	28	28	31.6	F15500-16ERH	4	A
F1B501A-ERS25160	BT 50 AD ER 25 160	50	AD	ER25	160	1-16	M18X1.5	42	40	37	F15500-25ERS	4.5	A
F1B501A-ERS32160	BT 50 AD ER 32 160	50	AD	ER32	160	2-20	M22X1.5	50	50	33	F15500-32ERS	5	A
F1B501A-ERS40160	BT 50 AD ER 40 160	50	AD	ER40	160	3-26	M28X1.5	63	63	40	F15500-40ERS	5	A

BT 50 - GPL = 200 mm



Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	D1	L1	Nut	Kgs	Group
F1B501A-ERS16200	BT 50 AD ER 16 200	50	AD	ER16	200	1-10	SCW7/16	28	28	31.6	F15500-16ERH	4.2	A
F1B501A-ERS25200	BT50 AD ER 25 200	50	AD	ER25	200	1-16	M18X1.5	42	40	37	F15500-25ERS	4.7	A
F1B501A-ERS32200	BT 50 AD ER 32 200	50	AD	ER32	200	2-20	M22X1.5	50	50	33	F15500-32ERS	5.2	A
F1B501A-ERS40200	BT 50 AD ER 40 200	50	AD	ER40	200	3-26	M28X1.5	63	62	40	F15500-40ERS	5.2	A

BT40 - ER MINI - Standard GPL



Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1B401A-ERM11070	BT40 AD ER MINI 11 070	40	AD	ER11	70	1-7	M6	16	F15500-11ERM	1.10	B
F1B401A-ERM16070	BT40 AD ER MINI 16 070	40	AD	ER16	70	1-10	SCW7/16	22	F15500-16ERM	1.02	B
F1B401A-ERM20070	BT40 AD ER MINI 20 070	40	AD	ER20	70	1-13	M14X1.5	28	F15500-20ERM	1.02	B
F1B401A-ERM25070	BT40 AD ER MINI 25 070	40	AD	ER25	70	1-16	M18X1.5	35	F15500-25ERM	1.04	B

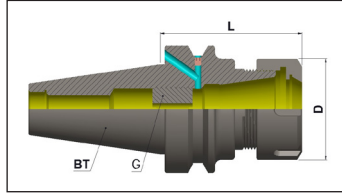
Pre balanced G6.3@15000 RPM
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MAS BT (JIS 6339)

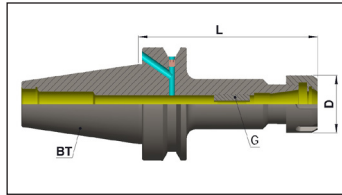
BT - Form AD/B - G6.3

BT 40 - Standard GPL



Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1B409A-ERS16070	BT 40 ADB ER 16 070	40	AD/B	ER16	70	1-10	SCW7/16	28	F15500-16ERH	1.2	A
F1B409A-ERS20070	BT 40 AD/B ER 20 070	40	AD/B	ER20	70	1-13	M14X1.5	35	F15500-20ERS	1.2	A
F1B409A-ERS25070	BT 40 ADB ER 25 070	40	AD/B	ER25	70	1-16	M18X1.5	42	F15500-25ERS	1.3	A
F1B409A-ERS32070	BT 40 ADB ER 32 070	40	AD/B	ER32	70	2-20	M22X1.5	50	F15500-32ERS	1.3	A
F1B409A-ERS40070	BT 40 ADB ER 40 070	40	AD/B	ER40	70	3-26	M28X1.5	63	F15500-40ERS	1.4	A

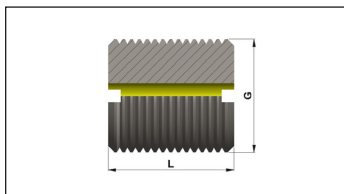
BT 40 - GPL = 100 mm



Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1B409A-ERS16100	BT40 ADB ER 16 100	40	AD/B	ER16	100	1-10	SCW7/16	28	F15500-16ERH	4	A
F1B409A-ERS20100	BT40ADB ER 20 100	40	AD/B	ER20	100	1-13	M14X1.5	35	F15500-20ERS	1.4	A
F1B409A-ERS25100	BT40 ADB ER 25100	40	AD/B	ER25	100	1-16	M18X1.5	42	F15500-25ERS	1.4	A
F1B409A-ERS32100	BT40 ADB ER 32 100	40	ADB	ER32	100	2-20	M22X1.5	50	F15500-32ERS	1.6	A
F1B409A-ERS40100	BT40 ADB ER 40 100	40	AD/B	ER40	100	3-26	M28X1.5	63	F15500-40ERS	1.9	A

Spares

Stopper Screw



Part No.	G	L
F1SCWM-20M06	M6	20
F1SCWA-20U11	7/16	20
F1SCWM-20M14	M14	20
F1SCWM-20M18	M18	20
F1SCWM-20M22	M22	20
F1SCWM-20M28	M28	20

Pre balanced G6.3@15000 RPM
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Accessories



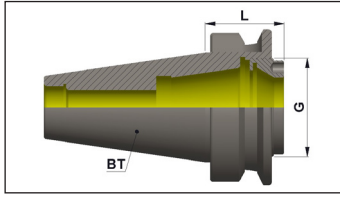
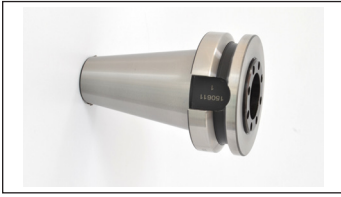
For Further Details Please Refer Accessories Catalog.

Pre balanced G6.3@15000 RPM
Fine balancing G2.5@25000 RPM on request



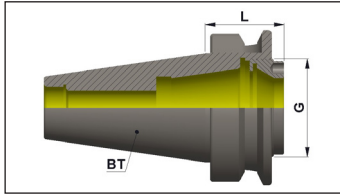
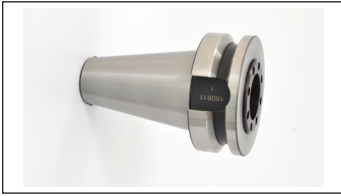
MAS BT (JIS 6339)

BT40 Form AD



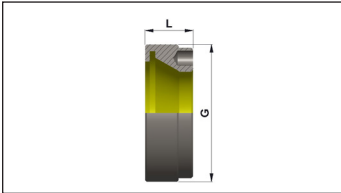
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F1B401A-ERS32033	BT40 AD ER 32 033	40	AD	ER32	33	2-20	F15500-32SER	M40X1.5	1.0	A

BT50 Form AD



Part No.	Product name	Taper	Form	Size	L	Clamping range	D	Nut	Group	Kgs
F1B501A-ERS32040	BT50 AD ER 32 040	50	AD	ER32	40	2-20	M40X1.5	F15500-32SER	A	3.2
F1B501A-ERS40045	BT50 AD ER 40 045	50	AD	ER40	45	3-26	M50X1.5	F15500-40SER	A	3.2

Spares



Part No.	Product name	G	L
F15500-32SER	SHORT NUT SER32	M40X1.5	14
F15500-40SER	SHORT NUT SER40	M50X1.5	20

Accessories



For Further Details Please Refer Accessories Catalog.

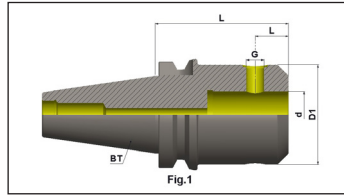
Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



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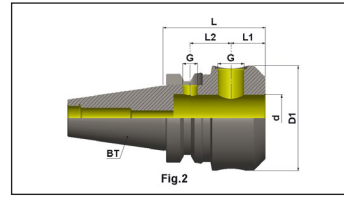
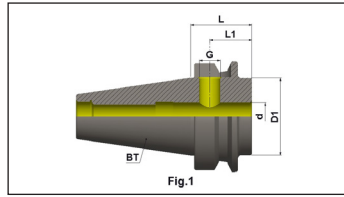
BT - Form AD - G6.3

BT 30 – Standard GPL



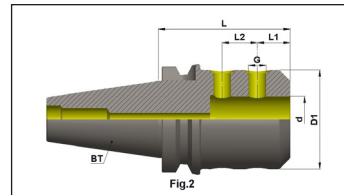
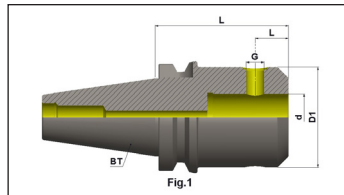
Part No.	Product name	Taper	Form	d.	L	D1	G	L1	L2	FIG	Kgs	Group
F1B301A-EMH08050	BT 30 AD EM 08 050	30	AD	8	50	28	M8	18	-	1	0.7	A
F1B301A-EMH10050	BT 30 AD EM 10 050	30	AD	10	50	35	M10	20	-	1	0.7	A
F1B301A-EMH12055	BT 30 AD EM 12 055	30	AD	12	55	42	M12	22.5	-	1	0.7	A
F1B301A-EMH16063	BT 30 AD EM 16 063	30	AD	16	63	48	M14	24	-	1	0.8	A
F1B301A-EMH20063	BT 30 AD EM 20 063	30	AD	20	63	52	M16	25	-	1	1.3	A

BT 40 – Short GPL



Part No.	Product name	Taper	Form	d.	L	D1	G	L1	L2	FIG	Kgs	Group
F1B401A-EMH16030	BT 40 AD EM 16 030	40	AD	16	30	40	M10	21	-	1	0.9	A
F1B401A-EMH20045	BT 40 AD EM 20 045	40	AD	20	45	50	M10	15	20	1	1	A
F1B401A-EMH25045	BT 40 AD EM 25 045	40	AD	25	45	50	M10	15	18	2	1	A

BT 40 – Standard GPL



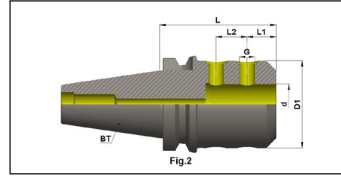
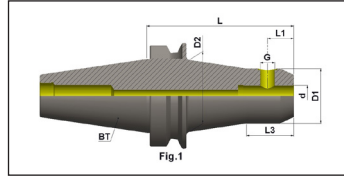
Part No.	Product name	Taper	Form	d.	L	D1	G	L1	L2	FIG	Kgs	Group
F1B401A-EMH06050	BT 40 AD EM 06 050	40	AD	6	50	25	M6	18	-	1	1.2	A
F1B401A-EMH08050	BT 40 AD EM 08 050	40	AD	8	50	28	M8	18	-	1	1.2	A
F1B401A-EMH10063	BT 40 AD EM 10 063	40	AD	10	63	35	M10	20	-	1	1.2	A
F1B401A-EMH12063	BT 40 AD EM 12 063	40	AD	12	63	42	M12	22.5	-	1	1.3	A
F1B401A-EMH14063	BT 40 AD EM 14 063	40	AD	14	63	44	M12	22.5	-	1	1.3	A
F1B401A-EMH16063	BT 40 AD EM 16 063	40	AD	16	63	48	M14	24	-	1	1.3	A
F1B401A-EMH18063	BT 40 AD EM 18 063	40	AD	18	63	50	M14	24	-	1	1.4	A
F1B401A-EMH20063	BT 40 AD EM 20 063	40	AD	20	63	52	M16	25	-	1	2.2	A
F1B401A-EMH25090	BT 40 AD EM 25 090	40	AD	25	90	65	M18X2	24	25	2	2.3	A
F1B401A-EMH32100	BT 40 AD EM 32 100	40	AD	32	100	72	M20X2	24	28	2	2.5	A
F1B401A-EMH40105	BT 40 AD EM 40 105	40	AD	40	105	80	M20X2	30	32	2	4.5	A

Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



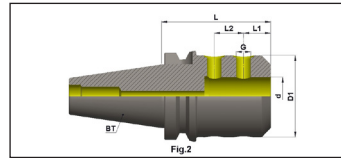
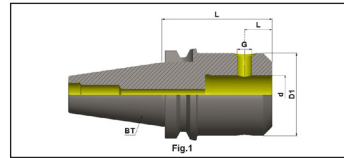
MAS BT (JIS 6339)

BT 40 - GPL = 160 mm



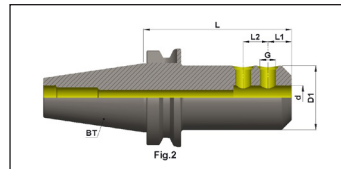
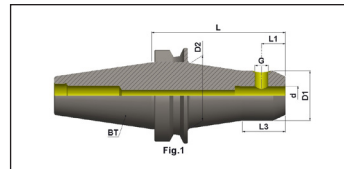
Part No.	Product name	Taper	Form	d.	L	D1	D2	G	L1	L2	L3	FIG	Kgs	Group
F1B401A-EMH06160	BT 40 AD EM 06 160	40	AD	6	160	25	35	M6	18	-	30	1	1.4	A
F1B401A-EMH08160	BT 40 AD EM 08 160	40	AD	8	160	28	38	M8	18	-	32	1	1.4	A
F1B401A-EMH10160	BT 40 AD EM 10 160	40	AD	10	160	35	40	M10	20	-	35	1	1.4	A
F1B401A-EMH12160	BT 40 AD EM 12 160	40	AD	12	160	42	-	M12	22.5	-	-	1	1.7	A
F1B401A-EMH14160	BT 40 AD EM 14 160	40	AD	14	160	44	-	M12	22.5	-	-	1	1.7	A
F1B401A-EMH16160	BT 40 AD EM 16 160	40	AD	16	160	48	-	M14	24	-	-	1	1.9	A
F1B401A-EMH18160	BT 40 AD EM 18 160	40	AD	18	160	50	-	M14	24	-	-	1	1.9	A
F1B401A-EMH20160	BT 40 AD EM 20 160	40	AD	20	160	52	-	M16	25	-	-	1	2.4	A
F1B401A-EMH25160	BT 40 AD EM 25 160	40	AD	25	160	65	-	M18X2	24	25	-	2	2.3	A

BT 50 – Standard GPL



Part No.	Product name	Taper	Form	d.	L	D1	D2	G	L1	L2	FIG	Kgs	Group
F1B501A-EMH06065	BT 50 AD EM 06 065	50	AD	6	65	25		M6	18	-	1	3.7	A
F1B501A-EMH08065	BT 50 AD EM 08 065	50	AD	8	65	28		M8	18	-	1	3.7	A
F1B501A-EMH10065	BT 50 AD EM 10 065	50	AD	10	65	35		M10	20	-	1	3.7	A
F1B501A-EMH12080	BT 50 AD EM 12 080	50	AD	12	80	42		M12	22.5	-	1	4	A
F1B501A-EMH14080	BT 50 AD EM 14 080	50	AD	14	80	44		M12	22.5	-	1	4	A
F1B501A-EMH16080	BT 50 AD EM 16 080	50	AD	16	80	48		M14	24	-	1	4	A
F1B501A-EMH18080	BT 50 AD EM 18 080	50	AD	18	80	50		M14	24	-	1	4	A
F1B501A-EMH20080	BT 50 AD EM 20 080	50	AD	20	80	52		M16	25	-	1	4	A
F1B501A-EMH25100	BT 50 AD EM 25 100	50	AD	25	100	65		M18X2	24	25	2	4.3	A
F1B501A-EMH32105	BT 50 AD EM 32 105	50	AD	32	105	72		M20X2	24	28	2	4.5	A
F1B501A-EMH40115	BT 50 AD EM 40 115	50	AD	40	115	90		M20X2	30	32	2	5.8	A

BT 50 - GPL = 160 mm



Part No.	Product name	Taper	Form	d.	L	D1	D2	G	L1	L2	L3	FIG	Kgs	Group
F1B501A-EMH08160	BT 50 AD EM 08 160	50	AD	8	160	28	45	M8	18	-	32	1	4	A
F1B501A-EMH10160	BT 50 AD EM 10 160	50	AD	10	160	35	49	M10	20	-	35	1	4.1	A
F1B501A-EMH12160	BT 50 AD EM 12 160	50	AD	12	160	42	55	M12	22.5	-	35	1	4.6	A
F1B501A-EMH16160	BT 50 AD EM 16 160	50	AD	16	160	48	60	M14	24	-	40	1	4.6	A
F1B501A-EMH20160	BT 50 AD EM 20 160	50	AD	20	160	52	69	M16	25	-	45	1	5.3	A
F1B501A-EMH25160	BT 50 AD EM 25 160	50	AD	25	160	65	72	M18X2	24	25	62	2	5.2	A
F1B501A-EMH32160	BT 50 AD EM 32 160	50	AD	32	160	72	-	M20X2	24	28	-	2	5.9	A

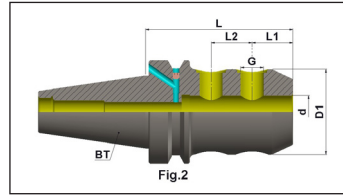
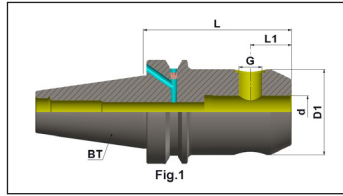
Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

BT – Form AD/B – G6.3

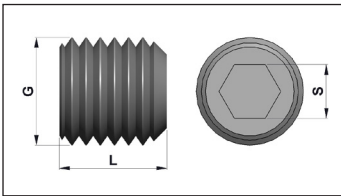
BT 40 – Standard GPL



Part No.	Product name	Taper	Form	d.	L	D1	G	L1	L2	FIG	Kgs	Group
F1B409A-EMH16063	BT 40 ADB EM 16 063	40	ADB	16	63	48	M14	24	-	1	1.3	A
F1B409A-EMH20063	BT 40 ADB EM 20 063	40	ADB	20	63	52	M16	25	-	1	1.7	A
F1B409A-EMH25090	BT 40 ADB EM 25 090	40	ADB	25	90	65	M18X2	24	25	2	2.3	A
F1B409A-EMH32100	BT 40 ADB EM 32 100	40	ADB	32	100	72	M20X2	24	28	2	2.5	A
F1B409A-EMH40105	BT 40 ADB EM 40 105	40	ADB	40	105	80	M20X2	30	32	2	4.5	A

Spares

Grub Screw



Part No.	G	L	S
F1GSWD-10M06	M6	10	3
F1GSWD-10M08	M8	10	4
F1GSWD-12M10	M10	12	5
F1GSWD-16M12	M12	16	6
F1GSWD-16M14	M14	16	6
F1GSWD-16M16	M16	16	8
F1GSWD-20M18	M18	20	10
F1GSWD-20M20	M20	20	10
F1GSWD-25M24	M24	25	12

Accessories



For Further Details Please Refer Accessories Catalog.

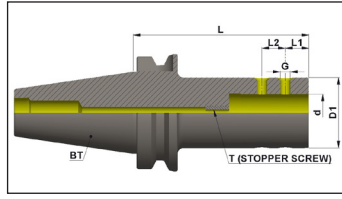
Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

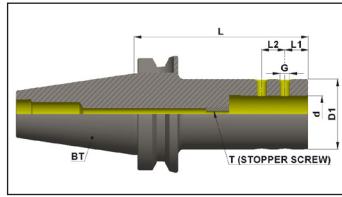
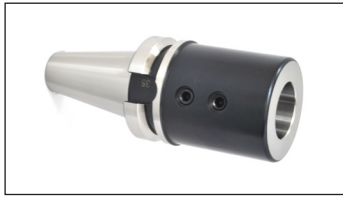
SLA Side Lock Holder

BT 40 - Form AD



Part No.	Product name	Taper	Form	d.	L	L1	L2	D1	G	T	Kgs	Group
F1B401A-SLA20090	BT40 AD SLA 20 090	40	AD	20	90	25	20	50	M10	M12	1.8	A
F1B401A-SLA25090	BT40 AD SLA 25 090	40	AD	25	90	25	20	50	M10	M12	1.7	A
F1B401A-SLA32090	BT40 AD SLA 32 090	40	AD	32	90	30	20	60	M10	M12	1.9	A
F1B401A-SLA40090	BT40 AD SLA 40 090	40	AD	40	90	30	20	63	M12	M12	1.8	A

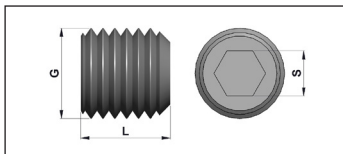
BT 50 - Form AD



Part No.	Product name	Taper	Form	d.	L	L1	L2	D1	G	T	Kgs	Group
F1B501A-SLA20100	BT50 AD SLA 20 100	50	AD	20	100	25	20	50	M10	M12	3.9	A
F1B501A-SLA25100	BT50 AD SLA 25 100	50	AD	25	100	25	20	50	M10	M12	4.3	A
F1B501A-SLA32100	BT50 AD SLA 32 100	50	AD	32	100	30	20	60	M10	M12	4.5	A
F1B501A-SLA40100	BT50 AD SLA 40 100	50	AD	40	100	30	20	70	M12	M12	5.9	A

Spares

Grub Screw



Part No.	G	L	S
F1GSWD-10M06	M6	10	3
F1GSWD-10M08	M8	10	4
F1GSWD-12M10	M10	12	5
F1GSWD-16M12	M12	16	6
F1GSWD-16M14	M14	16	6
F1GSWD-16M16	M16	16	8
F1GSWD-20M18	M18	20	10
F1GSWD-20M20	M20	20	10
F1GSWD-25M24	M24	25	12

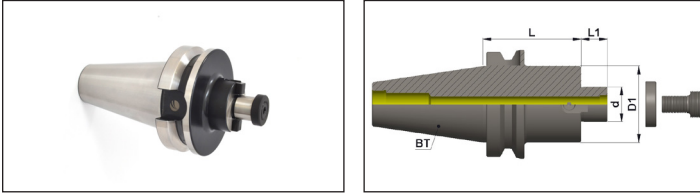
Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

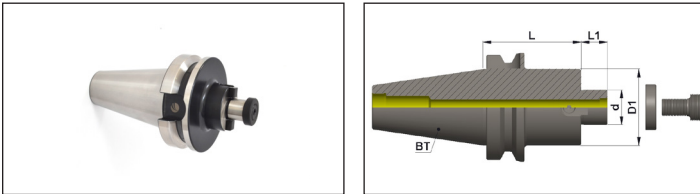
BT - Form AD - G6.3

BT 30 - Standard GPL



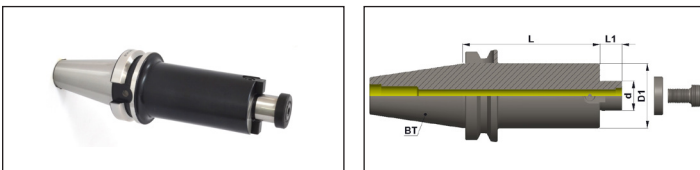
Part No.	Product name	Taper	Form	d.	L	L1	D1	Cutter Dia	Kgs	Group
F1B301A-SMS16050	BT30 AD SMS 16 050	30	AD	16	50	17	34	40	0.6	A
F1B301A-SMS22050	BT30 AD SMS 22 050	30	AD	22	50	19	48	50 & 63	0.8	A
F1B301A-SMS27050	BT30 AD SMS 27 050	30	AD	27	50	21	60	80	1	A

BT 40 - Standard GPL



Part No.	Product name	Taper	Form	d.	L	L1	D1	Cutter Dia	Kgs	Group
F1B401A-SMS16060	BT40 AD SMS 16 060	40	AD	16	60	17	34	40	1.2	A
F1B401A-SMS22060	BT40 AD SMS 22 060	40	AD	22	60	19	48	50 & 63	1.5	A
F1B401A-SMS27045	BT40 AD SMS 27 045	40	AD	27	45	21	60	80	1.4	A
F1B401A-SMS32060	BT40 AD SMS 32 060	40	AD	32	60	24	70	100	2	A
F1B401A-SMS40060	BT40 AD SMS 40 060	40	AD	40	60	27	80	125	2.5	A

BT 40 - Extended Length



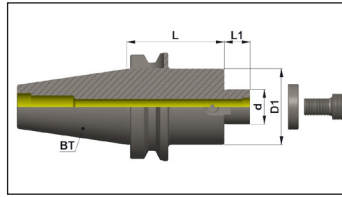
Part No.	Product name	Taper	Form	d.	L	L1	D1	Cutter Dia	Kgs	Group
F1B401A-SMS16120	BT40 AD SMS 16 120	40	AD	16	120	17	34	40	1.7	A
F1B401A-SMS22120	BT40 AD SMS 22 120	40	AD	22	120	19	48	50 & 63	2.3	A
F1B401A-SMS27120	BT40 AD SMS 27 120	40	AD	27	120	21	60	80	3	A

Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



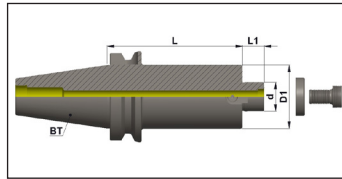
MAS BT (JIS 6339)

BT 50 - Standard GPL



Part No.	Product name	Taper	Form	d.	L	L1	D1	Cutter Dia	Kgs	Group
F1B501A-SMS22060	BT50 AD SMS 22 060	50	AD	22	60	19	48	50 & 63	4.2	A
F1B501A-SMS27060	BT50 AD SMS 27 060	50	AD	27	60	21	60	80	4.2	A
F1B501A-SMS32060	BT50 AD SMS 32 060	50	AD	32	60	24	70	100	4.4	A
F1B501A-SMS40060	BT50 AD SMS 40 060	50	AD	40	60	27	80	125	4.8	A

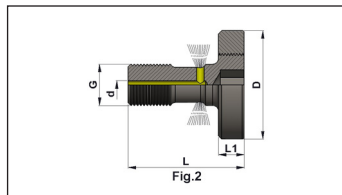
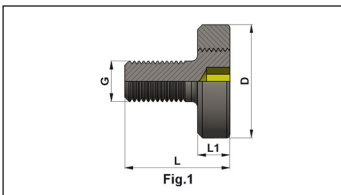
BT 50 - Extended Length



Part No.	Product name	Taper	Form	d.	L	L1	D1	Cutter Dia	Kgs	Group
F1B501A-SMS22120	BT50 AD SMS 22 120	50	AD	22	120	19	48	50 & 63	4.9	A
F1B501A-SMS27105	BT50 AD SMS 27 105	50	AD	27	105	21	60	80	5.2	A
F1B501A-SMS32100	BT50 AD SMS 32 100	50	AD	32	100	24	70	100	6.0	A
F1B501A-SMS40105	BT50 AD SMS 40 105	50	AD	40	105	27	80	125	6.6	A

Spares

Cutter Clamping Screw



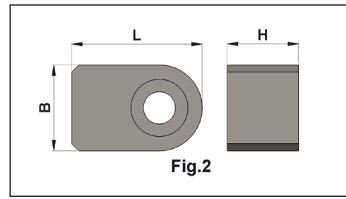
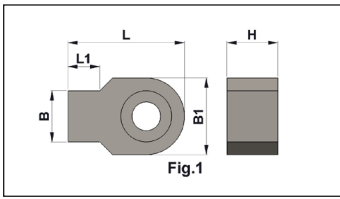
Part No.	D	L	L1	G	d.	Allen Key	FIG	Remarks
F1CCSN-16M08	20	23	7	M8	-	5mm	1	NORMAL
F1CCSN-22M10	28	26	8	M10	-	6mm	1	NORMAL
F1CCSN-27M12	35	31	9	M12	-	8mm	1	NORMAL
F1CCSN-32M16	42	36	10	M16	-	10mm	1	NORMAL
F1CCSN-40M20	52	41	11	M20	-	12mm	1	NORMAL
F1CCSN-50M24	75	49	13	M24	-	14mm	1	NORMAL
F1CCSN-60M30	75	60	15	M30	-	17mm	1	NORMAL
F1CCST-16M08	20	32	7	M8	2.5	5mm	2	THRU COOLANT
F1CCST-22M10	28	33	8	M10	3.2	6mm	2	THRU COOLANT
F1CCST-27M12	35	44	9	M12	3.2	8mm	2	THRU COOLANT
F1CCST-32M16	42	45	10	M16	3.2	10mm	2	THRU COOLANT
F1CCST-40M20	52	51	11	M20	3.2	12mm	2	THRU COOLANT

Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

Driving Key



Part No.	Product name	B	b1	L	L1	H	Allen Screw	FIG
F1DRKY-08S16	DRIVING KEY 08 16	8	12	17.5	5	8	M4	1
F1DRKY-10S22	DRIVING KEY 10 22	10	12	18.3	7.5	10	M4	1
F1DRKY-12S27	DRIVING KEY 12 27	12	-	18.3	-	10	M4	2
F1DRKY-14S32	DRIVING KEY 14 32	14	-	24	-	13	M5	2
F1DRKY-16S40	DRIVING KEY 16 40	16	-	24	-	16	M6	2

Accessories



For Further Details Please Refer Accessories Catalog.

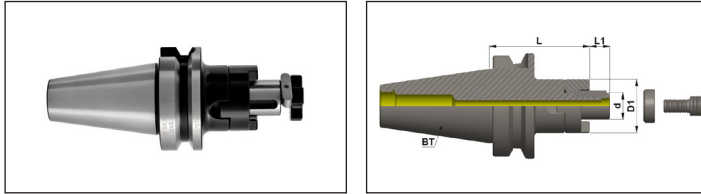
Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

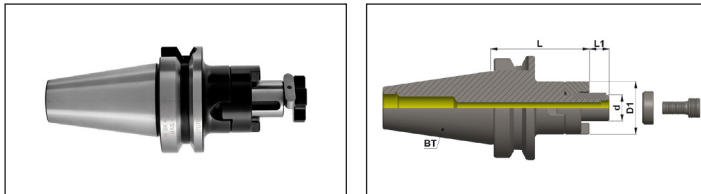
BT - Form AD - G6.3

BT 40 - Standard GPL



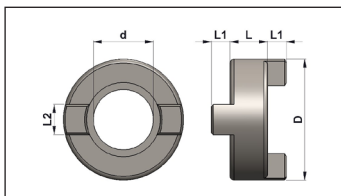
Part No.	Product name	Taper	Form	d.	L	L1	D1	Kgs	Group
F1B401A-CMH16055	BT40 AD CMH 16 055	40	AD	16	55	17	32	1.1	A
F1B401A-CMH22055	BT40 AD CMH 22 055	40	AD	22	55	19	40	1.4	A
F1B401A-CMH27055	BT40 AD CMH 27 055	40	AD	27	55	21	48	1.6	A
F1B401A-CMH32060	BT40 AD CMH 32 060	40	AD	32	60	24	58	2.2	A
F1B401A-CMH40060	BT40 AD CMH 40 060	40	AD	40	60	27	70	2.7	A

BT 50 - Standard GPL



Part No.	Product name	Taper	Form	d.	L	L1	D1	Kgs	Group
F1B501A-CMH22070	BT50 AD CMH 22 070	50	AD	22	70	19	40	3.4	A
F1B501A-CMH27070	BT50 AD CMH 27 070	50	AD	27	70	21	48	3.6	A
F1B501A-CMH32070	BT50 AD CMH 32 070	50	AD	32	70	24	58	4	A
F1B501A-CMH40070	BT50 AD CMH 40 070	50	AD	40	70	27	70	5	A

Spares Drive Ring



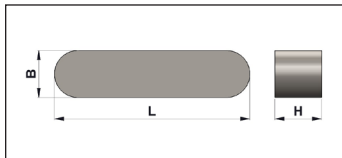
Part No.	d.	D	L	L1	L2
F1DRRG-CMH16	16	32	10	5	8
F1DRRG-CMH22	22	40	12	5.6	10
F1DRRG-CMH27	27	48	12	6.3	12
F1DRRG-CMH32	32	58	14	7	14
F1DRRG-CMH40	40	70	14	8	16

Pre balanced G6.3@15000 RPM
Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

Parallel Key



Part No.	Product name	d.	B	H	L
F1PLKY-04020	PARALLEL KEY 4x20	16	4	4	20
F1PLKY-06025	PARALLEL KEY 6x25	22	6	6	25
F1PLKY-07025	PARALLEL KEY 7x25	27	7	7	25
F1PLKY-08028	PARALLEL KEY 8x28	32	8	7	28
F1PLKY-10032	PARALLEL KEY 10x32	40	10	8	32

Cutter Clamping Screw



Part No.	D	L	L1	G	d.	Allen Key	FIG	Remarks
F1CCSN-16M08	20	23	7	M8	-	5mm	1	NORMAL
F1CCSN-22M10	28	26	8	M10	-	6mm	1	NORMAL
F1CCSN-27M12	35	31	9	M12	-	8mm	1	NORMAL
F1CCSN-32M16	42	36	10	M16	-	10mm	1	NORMAL
F1CCSN-40M20	52	41	11	M20	-	12mm	1	NORMAL
F1CCSN-50M24	75	49	13	M24	-	14mm	1	NORMAL
F1CCSN-60M30	75	60	15	M30	-	17mm	1	NORMAL
F1CCST-16M08	20	32	7	M8	2.5	5mm	2	THRU COOLANT
F1CCST-22M10	28	33	8	M10	3.2	6mm	2	THRU COOLANT
F1CCST-27M12	35	44	9	M12	3.2	8mm	2	THRU COOLANT
F1CCST-32M16	42	45	10	M16	3.2	10mm	2	THRU COOLANT
F1CCST-40M20	52	51	11	M20	3.2	12mm	2	THRU COOLANT

Accessories



For Further Details Please Refer Accessories Catalog.

Pre balanced G6.3@15000 RPM
Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

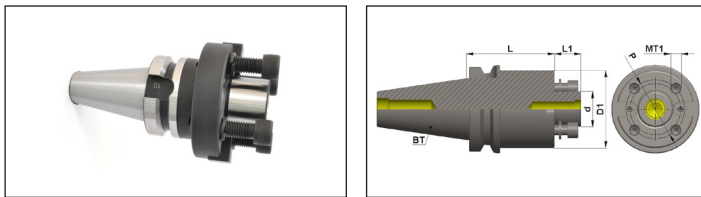
BT - Form A

BT 40 - Standard GPL



Part No.	Product name	Taper	Form	d.	L	L1	D1	P	T1	Kgs	Group
F1B405X-FMH40060	BT40 A FMH 40 060	40	A	40	60	30	88	66.7	M12	2.6	B

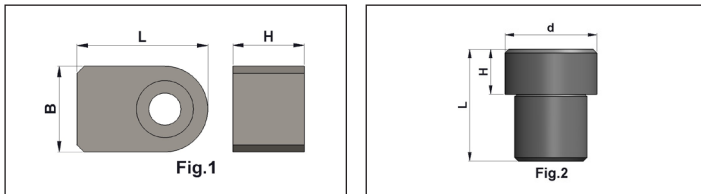
BT 50 - Standard GPL



Part No.	Product name	Taper	Form	d.	L	L1	D1	P	T1	Kgs	Group
F1B505X-FMH40075	BT50 A FMH 40 075	50	A	40	75	30	88	66.7	M12	5.7	B
F1B505X-FMH60075	BT50 A FMH 60 075	50	A	60	75	40	128	101.6	M16	7.6	B

Spares

Driving Key



Part No.	B	d.	H	L	Allen Screw	FIG
F1DRKY-40FMH	16	-	16	24	M6	1
F1DRKY-60FMH	-	25.4	12.5	27.5	M6	2

Accessories



For Further Details Please Refer Accessories Catalog.

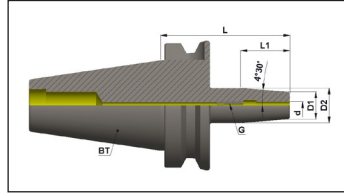
Pre balanced G6.3@15000 RPM
Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

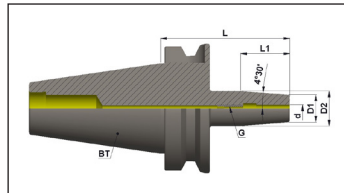
BT - Form AD - G6.3

BT 40 - Standard GPL



Part No.	Product name	Taper	Form	d.	L	D1	D2	L1	G	Kgs	Group
F1B401A-SFC06120	BT40 AD SFC 06 120	40	AD	6	120	21	27	36	M5	1.3	A
F1B401A-SFC08120	BT40 AD SFC 08 120	40	AD	8	120	21	27	36	M6	1.3	A
F1B401A-SFC10120	BT40 AD SFC 10 120	40	AD	10	120	24	32	42	M8X1	1.4	A
F1B401A-SFC12120	BT40 AD SFC 12 120	40	AD	12	120	24	32	47	M10X1	1.4	A
F1B401A-SFC14120	BT40 AD SFC 14 120	40	AD	14	120	27	34	47	M10X1	1.5	A
F1B401A-SFC16120	BT40 AD SFC 16 120	40	AD	16	120	27	34	50	M12X1	1.4	A
F1B401A-SFC18120	BT40 AD SFC 18 120	40	AD	18	120	33	42	50	M12X1	1.7	A
F1B401A-SFC20120	BT40 AD SFC 20 120	40	AD	20	120	33	42	52	M16X1	1.6	A
F1B401A-SFC25120	BT40 AD SFC 25 120	40	AD	25	100	44	53	58	M16X1	2.0	A

BT 50 - Standard GPL



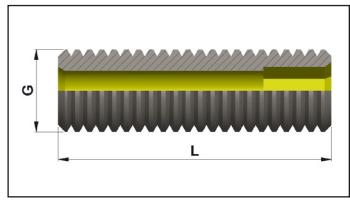
Part No.	Product name	Taper	Form	d.	L	D1	D2	L1	G	Kgs	Group
F1B501A-SFC06100	BT50 AD SFC 06 100	50	AD	6	100	21	27	36	M5	3.8	A
F1B501A-SFC08100	BT50 AD SFC 08 100	50	AD	8	100	21	27	36	M6	3.9	A
F1B501A-SFC10100	BT50 AD SFC 10 100	50	AD	10	100	24	32	42	M8X1	3.9	A
F1B501A-SFC12100	BT50 AD SFC 12 100	50	AD	12	100	24	32	47	M10X1	3.9	A
F1B501A-SFC14100	BT50 AD SFC 14 100	50	AD	14	100	27	34	47	M10X1	4	A
F1B501A-SFC16100	BT50 AD SFC 16 100	50	AD	16	100	27	34	50	M12X1	4	A
F1B501A-SFC18100	BT50 AD SFC 18 100	50	AD	18	100	33	42	50	M12X1	4.1	A
F1B501A-SFC20100	BT50 AD SFC 20 100	50	AD	20	100	33	42	52	M16X1	4.1	A
F1B501A-SFC25100	BT50 AD SFC 25 100	50	AD	25	100	44	53	58	M16X1	4.3	A
F1B501A-SFC32100	BT50 AD SFC 32 100	50	AD	32	100	44	53	58	M16X1	4.1	A

Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

Spares



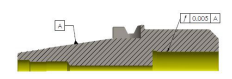
Part No.	G	L
F1SCWM-20M06	M6	20
F1SCWM-20M08	M8	20
F1SCWM-20M10	M10	20
F1SCWM-20M12	M12	20
F1SCWM-20M16	M16	20

Accessories



For Further Details Please Refer Accessories Catalog.

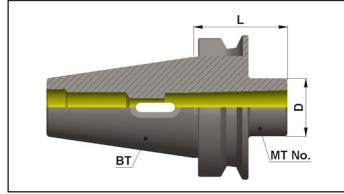
Pre balanced G6.3@15000 RPM
Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

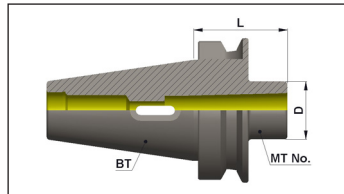
BT - Form AD - G6.3

BT 30 - Standard GPL



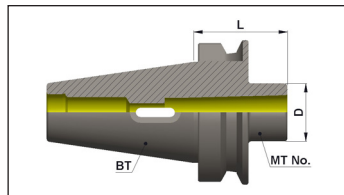
Part No.	Product name	Taper	MT No.	Form	L	D1	Kgs	Group
F1B301A-MTA01050	BT30 MTA 01 050	30	1	AD	50	25	0.4	A
F1B301A-MTA02062	BT30 MTA 02 062	30	2	AD	62	32	0.5	A
F1B301A-MTA03080	BT30 MTA 03 080	30	3	AD	80	40	0.7	A

BT 40 - Standard GPL



Part No.	Product name	Taper	Form	MT No.	L	D1	Kgs	Group
F1B401A-MTA01045	BT40 AD MTA 01 045	40	AD	1	45	25	1	A
F1B401A-MTA02060	BT40 AD MTA 02 060	40	AD	2	60	32	1	A
F1B401A-MTA03075	BT40 AD MTA 03 075	40	AD	3	75	40	1.1	A
F1B401A-MTA04095	BT40 AD MTA 04 095	40	AD	4	95	48	1.3	A

BT 50 - Standard GPL



Part No.	Product name	Taper	Form	MT No.	L	D1	Kgs	Group
F1B501A-MTA01045	BT50 MTA 01 045	50	AD	1	45	25	3.5	A
F1B501A-MTA02045	BT50 MTA 02 045	50	AD	2	45	32	3.5	A
F1B501A-MTA03045	BT50 MTA 03 045	50	AD	3	45	40	3.5	A
F1B501A-MTA04095	BT50 MTA 04 095	50	AD	4	95	48	3.7	A
F1B501A-MTA05105	BT50 MTA 05 105	50	AD	5	105	70	4	A

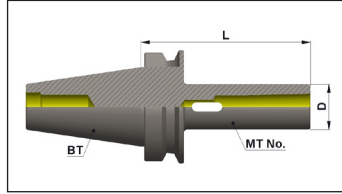
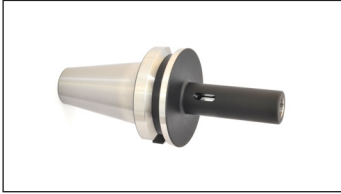
Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

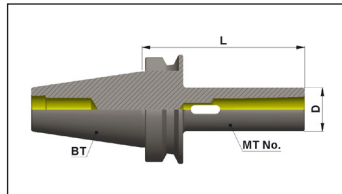
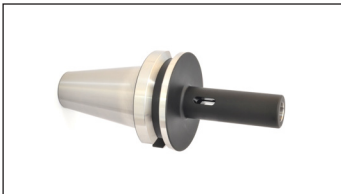
BT - Form A

BT 40 - Extended Length



Part No.	Product name	Taper	Form	MT No.	L	D1	Kgs	Group
F1B405A-MTA01120	BT40 MTA 01 120	40	A	1	120	25	1.3	A
F1B405A-MTA02120	BT40 MTA 02 120	40	A	2	120	32	1.4	A
F1B405A-MTA03135	BT40 MTA 03 135	40	A	3	135	40	1.7	A

BT 50 - Extended Length



Part No.	Product name	Taper	Form	MT No.	L	D1	Kgs	Group
F1B505A-MTA01120	BT50 MTA 01 120	50	A	1	120	25	3.9	A
F1B505A-MTA02135	BT50 MTA 02 135	50	A	2	135	32	4	A
F1B505A-MTA03150	BT50 MTA 03 150	50	A	3	150	40	4.3	A

Accessories



For Further Details Please Refer Accessories Catalog.

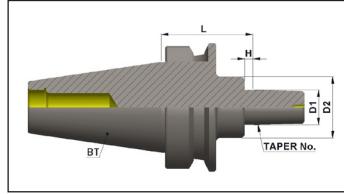
Pre balanced G6.3@15000 RPM
 Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

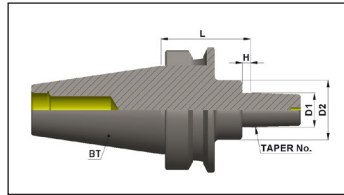
BT - Form A

BT 40 - Standard GPL



Part No.	Product name	Taper	Form	Taper No.	L	Clamping range	D1	D2	H	Kgs	Group
F1B405X-JTA06045	BT40 A JTA 06 045	40	A	JTA6	45	0.8-13	30	17.17	3.2	1.1	A
F1B405X-DCB16045	BT40 A B16 045	40	A	B16	45	0.8-13	30	15.73	4	1.1	A

BT 50 - Standard GPL



Part No.	Product name	Taper	Form	Taper No.	L	Clamping range	D1	D2	H	Kgs	Group
F1B505X-JTA06045	BT50 A JTA 06 045	50	A	JTA6	45	0.8-13	30	17.17	3.2	3.7	A
F1B505X-DCB16045	BT50 A B16 045	50	A	B16	45	0.8-13	30	15.73	4	3.7	A

Accessories



For Further Details Please Refer Accessories Catalog.

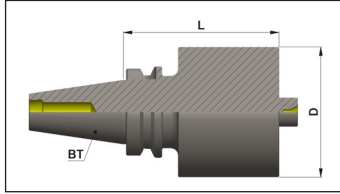
Pre balanced G6.3@15000 RPM
Fine balancing G2.5@25000 RPM on request



MAS BT (JIS 6339)

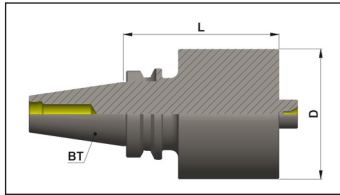
BT - Form A

BT 40 - Standard GPL



Part No.	Product name	Taper	Form	D	L	Kgs	Group
F1B405X-BLA063250	BT40 A BLANK 063 250	40	A	63	250	6.5	B
F1B405X-BLA080250	BT40 A BLANK 080 250	40	A	80	250	9.6	B

BT 50 - Standard GPL



Part No.	Product name	Taper	Form	D	L	Kgs	Group
F1B505X-BLA080250	BT50 A BLANK 080 250	50	A	80	250	12	B
F1B505X-BLA100300	BT50 A BLANK 100 300	50	A	100	300	19.5	B

Accessories



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Pre balanced G6.3@15000 RPM
Fine balancing G2.5@25000 RPM on request





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