



DIN 2080



2019 Catalog

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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

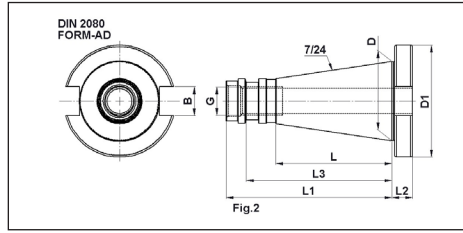
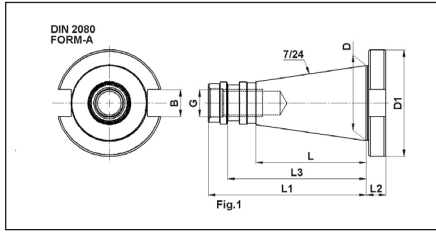
Certification Body
of TÜV SÜD South Asia Private Limited, Mumbai
Member of TÜV SÜD Group



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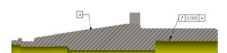
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Machine Design



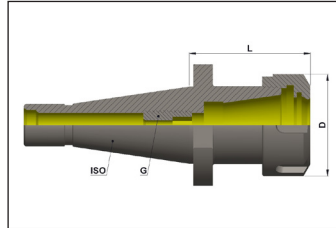
Form A & AD

Machine Design	TAPER ISO	D	D1	L	L1	L2	L3	B	G
ISO30	30	31.75	50	48.4	68.4	9.6	-	16.1	M12
ISO40	40	44.45	63	65.4	93.4	11.6	82	16.1	M16
ISO50	50	69.85	97.5	102.0	126.8	15.2	115	25.7	M24



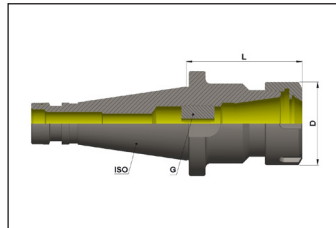
ISO – Form AD

ISO 30 – Standard GPL



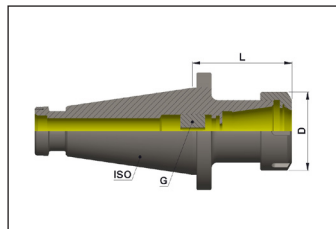
Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1D301A-ERS25050	ISO 30 AD ER 25 050	30	AD	ER25	50	1.0 – 16.0	M12	42	F15500-25ERS	0.7	B
F1D301A-ERS32070	ISO 30 AD ER 32 070	30	AD	ER32	70	2.0 – 20.0	M12	50	F15500-32ERS	0.7	B

ISO 40 – Standard GPL

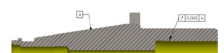


Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1D401A-ERS25050	ISO 40 AD ER 25 050	40	AD	ER25	50	1.0 – 16.0	M18X1.5	42	F15500-25ERS	1	B
F1D401A-ERS32070	ISO 40 AD ER 32 070	40	AD	ER32	70	2.0 – 20.0	M22X1.5	50	F15500-32ERS	1.3	B
F1D401A-ERS40070	ISO 40 AD ER 40 070	40	AD	ER40	70	3.0 – 26.0	M28X1.5	63	F15500-40ERS	1.3	B

ISO 50 – Standard GPL

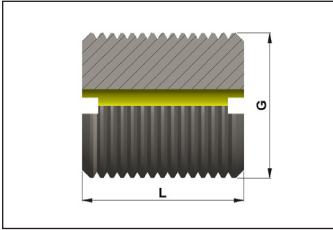


Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1D501A-ERS32080	ISO 50 AD ER 32 080	50	AD	ER32	80	2.0 – 20.0	M22X1.5	50	F15500-32ERS	3.3	B
F1D501A-ERS40080	ISO 50 AD ER 40 080	50	AD	ER40	80	3.0 – 26.0	M28X1.5	63	F15500-40ERS	3.3	B



Spares

Stopper Screw

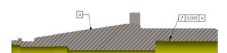


Part No.	L	G
F1SCWA-20U11	20	7/16
F1SCWM-20M06	20	M6
F1SCWM-20M14	20	M14
F1SCWM-20M18	20	M18
F1SCWM-20M22	20	M22
F1SCWM-20M28	20	M28

Accessories

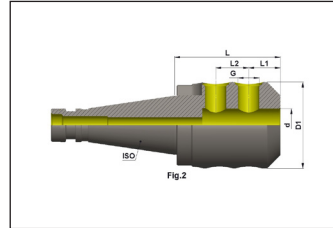
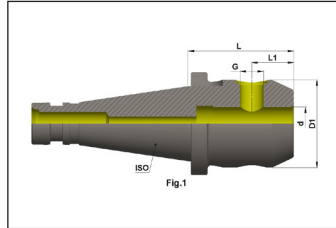


For Further Details Please Refer Accessories Catalog.



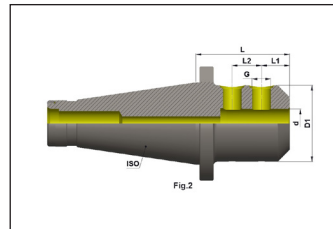
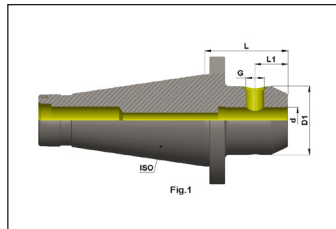
ISO – Form AD

ISO 40 – Standard GPL



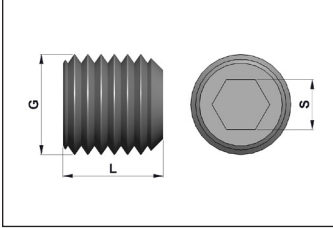
Part No.	Product name	Taper	Form	d.	L	D1	G	L1	L2	Kgs	Group
F1D401A-EMH10050	ISO40 AD EM 10 050	40	AD	10	50	35	M10	20	-	1.2	B
F1D401A-EMH12050	ISO40 AD EM 12 050	40	AD	12	50	42	M12	22.5	-	1.2	B
F1D401A-EMH14050	ISO40 AD EM 14 050	40	AD	14	50	44	M12	22.5	-	1.4	B
F1D401A-EMH16063	ISO40 AD EM 16 063	40	AD	16	63	48	M14	24	-	1.4	B
F1D401A-EMH18063	ISO40 AD EM 18 063	40	AD	18	63	50	M14	24	-	1.5	B
F1D401A-EMH20063	ISO40 AD EM 20 063	40	AD	20	63	52	M16	25	-	1.6	B
F1D401A-EMH25080	ISO40 AD EM 25 080	40	AD	25	80	65	M18X2	24	25	1.6	B
F1D401A-EMH32080	ISO40 AD EM 32 080	40	AD	32	80	72	M20X2	24	28	2.2	B
F1D401A-EMH40090	ISO40 AD EM 40 090	40	AD	40	90	80	M20X2	30	32	3.7	B

ISO 50 – Standard GPL



Part No.	Product name	Taper	Form	d.	L	D1	G	L1	L2	Kgs	Group
F1D501A-EMH10063	ISO50 AD EM 10 063	50	AD	10	63	35	M10	20	-	3.7	B
F1D501A-EMH12063	ISO50 AD EM 12 063	50	AD	12	63	42	M12	22.5	-	3.7	B
F1D501A-EMH14063	ISO50 AD EM 14 063	50	AD	14	63	44	M12	22.5	-	3.8	B
F1D501A-EMH16063	ISO50 AD EM 16 063	50	AD	16	63	48	M14	24	-	3.8	B
F1D501A-EMH18063	ISO50 AD EM 18 063	50	AD	18	63	50	M14	24	-	3.8	B
F1D501A-EMH20063	ISO50 AD EM 20 063	50	AD	20	63	52	M16	25	-	3.8	B
F1D501A-EMH25080	ISO50 AD EM 25 080	50	AD	25	80	65	M18X2	24	25	4	B
F1D501A-EMH32080	ISO50 AD EM 32 080	50	AD	32	80	72	M20X2	24	28	4.3	B
F1D501A-EMH40090	ISO50 AD EM 40 090	50	AD	40	90	90	M20X2	30	32	6.2	B

Spares Grub Screw

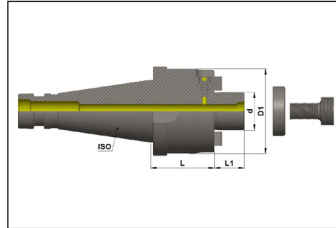


Part No.	G	L	S
F1GSWD-10M06	M6	10	3
F1GSWD-10M08	M8	10	4
F1GSWD-12M10	M10	12	5
F1GSWD-16M12	M12	16	6
F1GSWD-16M14	M14	16	6
F1GSWD-16M16	M16	16	8
F1GSWD-20M18	M18	20	10
F1GSWD-20M20	M20	20	10
F1GSWD-25M24	M24	25	12



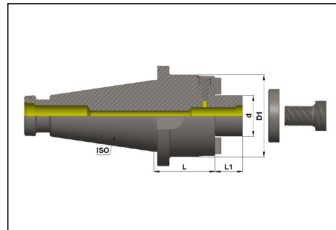
ISO – Form AD

ISO 40 – Standard GPL

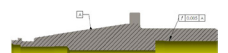


Part No.	Product name	Taper	Form	d.	L	L1	D1	Cutter Dia	Kgs	Group
F1D401A-SMS22045	ISO 40 AD SMS 22 045	40	AD	22	45	19	48	50 & 63	1.5	B
F1D401A-SMS27045	ISO 40 AD SMS 27 045	40	AD	27	45	21	60	80	1.6	B
F1D401A-SMS32045	ISO 40 AD SMS 32 045	40	AD	32	45	24	70	100	2.3	B
F1D401A-SMS40060	ISO 40 AD SMS 40 060	40	AD	40	60	27	80	125	2.7	B

ISO 50 – Standard GPL

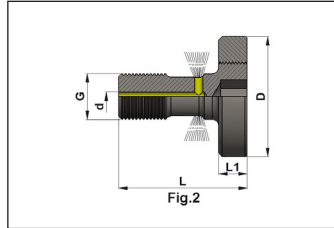
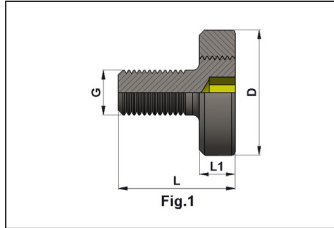


Part No.	Product name	Taper	Form	d.	L	L1	D1	Cutter Dia	Kgs	Group
F1D501A-SMS22045	ISO 50 AD SMS 22 045	50	AD	22	45	19	48	50 & 63	3.5	B
F1D501A-SMS27045	ISO 50 AD SMS 27 045	50	AD	27	45	21	60	80	4.2	B
F1D501A-SMS32045	ISO 50 AD SMS 32 045	50	AD	32	45	24	70	100	4.2	B
F1D501A-SMS40060	ISO 50 AD SMS 40 060	50	AD	40	60	27	80	125	5.3	B



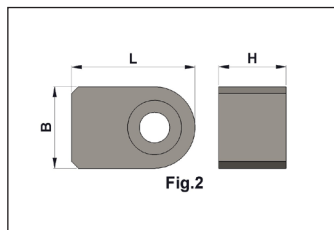
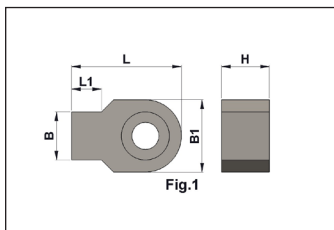
Spares

Cutter Clamping Screw

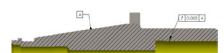


Part No.	D	L	L1	G	d.	Allen Key	FIG	Remarks
F1CCSN-22M10	28	26	8	M10	-	6mm	1	NORMAL
F1CCSN-16M08	20	23	7	M8	-	5mm	1	NORMAL
F1CCSN-27M12	35	31	9	M12	-	8mm	1	NORMAL
F1CCSN-32M16	42	36	10	M16	-	10mm	1	NORMAL
F1CCSN-40M20	52	41	11	M20	-	12mm	1	NORMAL
F1CCSN-60M30	75	60	15	M30	-	17mm	1	NORMAL
F1CCSN-50M24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

Driving Key

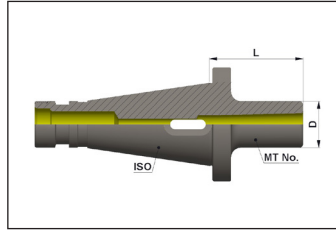


Part No.	Product name	B	b1	L	L1	H	Allen Screw	FIG
F1DRKY-08S16	DRIVING KEY 08 16	8	12	17.5	5	8	M4	1
F1DRKY-10S22	DRIVING KEY 10 22	10	12	18.3	7.5	10	M4	1
F1DRKY-12S27	DRIVING KEY 12 27	12	-	18.3	-	10	M4	2
F1DRKY-14S32	DRIVING KEY 14 32	14	-	24	-	13	M5	2
F1DRKY-16S40	DRIVING KEY 16 40	16	-	24	-	16	M6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



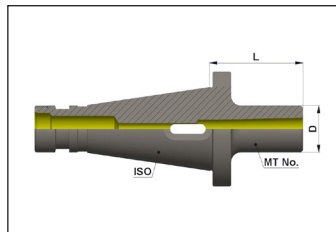
ISO – Form AD

ISO 40 – Standard GPL

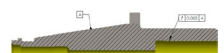


Part No.	Product name	Taper	Form	MT No.	L	D	Kgs	Group
F1D401A-MTA01050	ISO40 AD MTA 01 050	40	AD	1	50	25	1	B
F1D401A-MTA02050	ISO40 AD MTA 02 050	40	AD	2	50	32	1	B
F1D401A-MTA03065	ISO40 AD MTA 03 065	40	AD	3	65	40	1.2	B
F1D401A-MTA04095	ISO40 AD MTA 04 095	40	AD	4	95	48	1.4	B

ISO 50 – Standard GPL



Part No.	Product name	Taper	Form	MT No.	L	D	Kgs	Group
F1D505A-MTA01045	ISO50 AD MTA 01 045	50	AD	1	45	25	2.6	B
F1D501A-MTA02060	ISO50 AD MTA 02 060	50	AD	2	60	32	2.7	B
F1D501A-MTA03065	ISO50 AD MTA 03 065	50	AD	3	65	40	2.7	B
F1D501A-MTA04070	ISO50 AD MTA 04 070	50	AD	4	70	48	3	B
F1D501A-MTA05105	ISO50 AD MTA 05 105	50	AD	5	105	70	3.5	B





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