



DIN 2080



2022 Catalog

World-class products

Precise quality

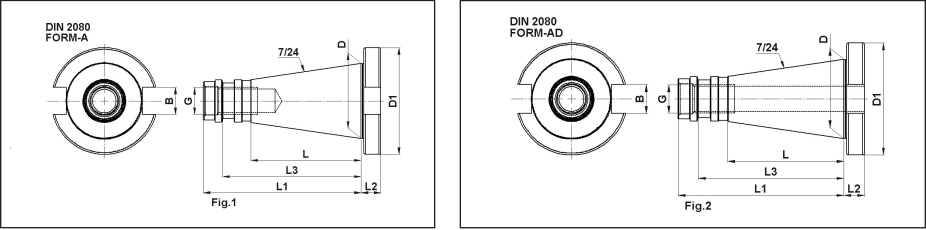
Satisfied customer



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Machine Design



Form A & AD

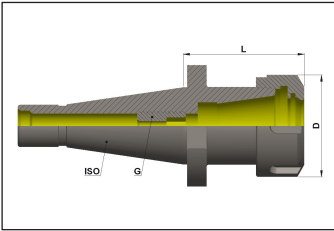
Machine Design	TAPER ISO	D	D1	L	L1	L2	L3	B	G
ISO30	30	31.75	50	48.4	68.4	9.6	-	16.1	M12
ISO40	40	44.45	63	65.4	93.4	11.6	82	16.1	M16
ISO50	50	69.85	97.5	102.0	126.8	15.2	115	25.7	M24



DIN 2080

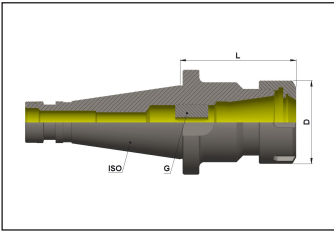
ISO – Form AD

ISO 30 – Standard GPL



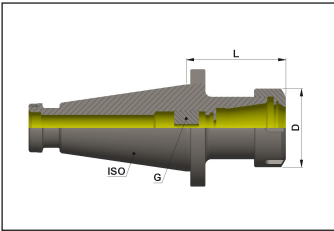
Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1D301A-ERS25050	ISO 30 AD ER 25 050	30	AD	ER25	50	1.0 – 16.0	M12	42	F15500-25ERS	0.7	B1000
F1D301A-ERS32070	ISO 30 AD ER 32 070	30	AD	ER32	70	2.0 – 20.0	M12	50	F15500-32ERS	0.7	B1000

ISO 40 – Standard GPL



Part No.	Product name	Taper	Form	Size	L	Clamping range	G	D	Nut	Kgs	Group
F1D401A-ERS16050	ISO 40 AD ER 16 050	40	AD	ER16	50	1.0-10.0	SCW7/16	28	F15500-16ERH	0.8	B1000
F1D401A-ERS25050	ISO 40 AD ER 25 050	40	AD	ER25	50	1.0 – 16.0	M18X1.5	42	F15500-25ERS	1	B1000
F1D401A-ERS32070	ISO 40 AD ER 32 070	40	AD	ER32	70	2.0 – 20.0	M22X1.5	50	F15500-32ERS	1.3	B1000
F1D401A-ERS40070	ISO 40 AD ER 40 070	40	AD	ER40	70	3.0 – 26.0	M28X1.5	63	F15500-40ERS	1.3	B1000

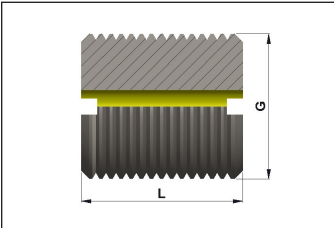
ISO 50 – Standard GPL



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	B1000
F1D501A-ERS40080	ISO 50 AD ER 40 080	50	AD	ER40	80	3.0 – 26.0	M28X1.5	63	F15500-40ERS	3.3	B1000

Spares

Stopper Screw



Part No.	L	G	Group
F1SCWA-20U11	20	7/16	D4400
F1SCWM-20M06	20	M6	D4400
F1SCWM-20M14	20	M14	D4400
F1SCWM-20M18	20	M18	D4400
F1SCWM-20M22	20	M22	D4400
F1SCWM-20M28	20	M28	D4400

Accessories



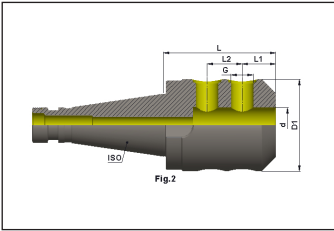
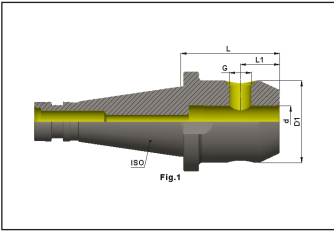
For Further Details Please Refer Accessories Catalog.



DIN 2080

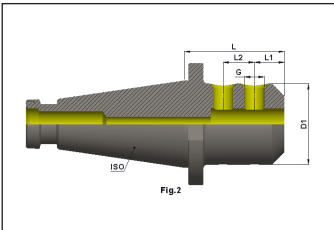
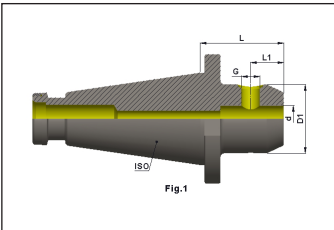
ISO – Form AD

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	B2200
F1D401A-EMH12050	ISO40 AD EM 12 050	40	AD	12	50	42	M12	22.5	-	1.2	B2200
F1D401A-EMH14050	ISO40 AD EM 14 050	40	AD	14	50	44	M12	22.5	-	1.4	B2200
F1D401A-EMH16063	ISO40 AD EM 16 063	40	AD	16	63	48	M14	24	-	1.4	B2200
F1D401A-EMH18063	ISO40 AD EM 18 063	40	AD	18	63	50	M14	24	-	1.5	B2200
F1D401A-EMH20063	ISO40 AD EM 20 063	40	AD	20	63	52	M16	25	-	1.6	B2200
F1D401A-EMH25080	ISO40 AD EM 25 080	40	AD	25	80	65	M18X2	24	25	1.6	B2200
F1D401A-EMH32080	ISO40 AD EM 32 080	40	AD	32	80	72	M20X2	24	28	2.2	B2200
F1D401A-EMH40090	ISO40 AD EM 40 090	40	AD	40	90	80	M20X2	30	32	3.7	B2200

ISO 50 – Standard GPL

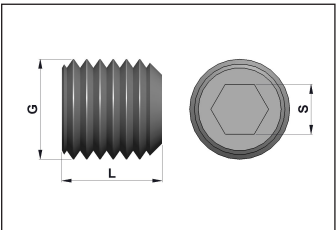


Part No.	Product name	Taper	Form	d.	L	D1	G	L1	L2	Kgs	Group
F1D501A-EMH10063	ISO50 AD EM 10 063	50	AD	10	63	35	M10	20	-	3.7	B2200
F1D501A-EMH12063	ISO50 AD EM 12 063	50	AD	12	63	42	M12	22.5	-	3.7	B2200
F1D501A-EMH14063	ISO50 AD EM 14 063	50	AD	14	63	44	M12	22.5	-	3.8	B2200
F1D501A-EMH16063	ISO50 AD EM 16 063	50	AD	16	63	48	M14	24	-	3.8	B2200
F1D501A-EMH18063	ISO50 AD EM 18 063	50	AD	18	63	50	M14	24	-	3.8	B2200
F1D501A-EMH20063	ISO50 AD EM 20 063	50	AD	20	63	52	M16	25	-	3.8	B2200
F1D501A-EMH25080	ISO50 AD EM 25 080	50	AD	25	80	65	M18X2	24	25	4	B2200
F1D501A-EMH32080	ISO50 AD EM 32 080	50	AD	32	80	72	M20X2	24	28	4.3	B2200
F1D501A-EMH40090	ISO50 AD EM 40 090	50	AD	40	90	90	M20X2	30	32	6.2	B2200

EMH End Mill Holder (DIN 1835 - 2 Form B)

DIN 2080

Spares
Grub Screw

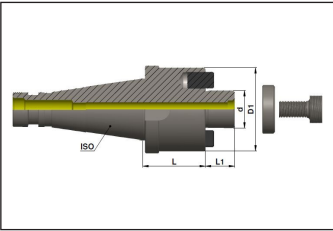


Part No.	G	L	S	Group
F1GSWD-10M06	M6	10	3	D4400
F1GSWD-10M08	M8	10	4	D4400
F1GSWD-12M10	M10	12	5	D4400
F1GSWD-16M12	M12	16	6	D4400
F1GSWD-16M14	M14	16	6	D4400
F1GSWD-16M16	M16	16	8	D4400
F1GSWD-20M18	M18	20	10	D4400
F1GSWD-20M20	M20	20	10	D4400
F1GSWD-25M24	M24	25	12	D4400



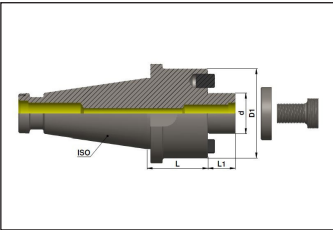
ISO – Form AD

ISO 40 – Standard GPL



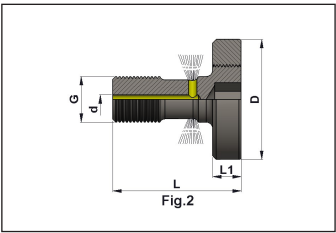
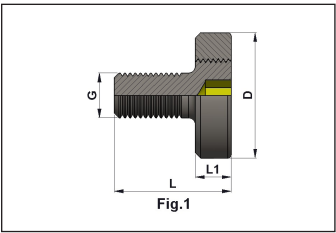
Part No.	Product name	Taper	Form	d.	L	L1	D1	Cutter Dia	Kgs	Group
F1D401A-SMS22045	ISO 40 AD SMS 22 045	40	AD	22	45	19	48	50 & 63	1.5	B3000
F1D401A-SMS27045	ISO 40 AD SMS 27 045	40	AD	27	45	21	60	80	1.6	B3000
F1D401A-SMS32045	ISO 40 AD SMS 32 045	40	AD	32	45	24	70	100	2.3	B3000
F1D401A-SMS40060	ISO 40 AD SMS 40 060	40	AD	40	60	27	80	125	2.7	B3000

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	B3000
F1D501A-SMS27045	ISO 50 AD SMS 27 045	50	AD	27	45	21	60	80	4.2	B3000
F1D501A-SMS32045	ISO 50 AD SMS 32 045	50	AD	32	45	24	70	100	4.2	B3000
F1D501A-SMS40060	ISO 50 AD SMS 40 060	50	AD	40	60	27	80	125	5.3	B3000

Spares
Cutter Clamping Screw (DIN 6367)

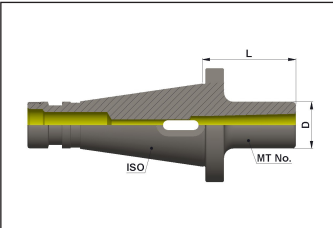


Part No.	D	L	L1	G	d.	Allen Key	FIG	Remarks	Group
F1CCSN-22M10	28	26	8	M10	-	6mm	1	NORMAL	D4400
F1CCSN-16M08	20	23	7	M8	-	5mm	1	NORMAL	D4400
F1CCSN-27M12	35	31	9	M12	-	8mm	1	NORMAL	D4400
F1CCSN-32M16	42	36	10	M16	-	10mm	1	NORMAL	D4400
F1CCSN-40M20	52	41	11	M20	-	12mm	1	NORMAL	D4400
F1CCSN-60M30	75	60	15	M30	-	17mm	1	NORMAL	D4400
F1CCSN-50M24	75	49	13	M24	-	14mm	1	NORMAL	D4400
F1CCST-22M10	28	33	8	M10	3.2	6mm	2	THRU COOLANT	D4400
F1CCST-16M08	20	32	7	M8	2.5	5mm	2	THRU COOLANT	D4400
F1CCST-27M12	35	44	9	M12	3.2	8mm	2	THRU COOLANT	D4400
F1CCST-32M16	42	45	10	M16	3.2	10mm	2	THRU COOLANT	D4400
F1CCST-40M20	52	51	11	M20	3.2	12mm	2	THRU COOLANT	D4400



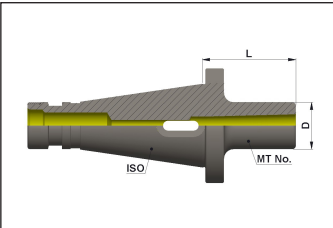
ISO – Form AD

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	B4000
F1D401A-MTA02050	ISO40 AD MTA 02 050	40	AD	2	50	32	1	B4000
F1D401A-MTA03065	ISO40 AD MTA 03 065	40	AD	3	65	40	1.2	B4000
F1D401A-MTA04095	ISO40 AD MTA 04 095	40	AD	4	95	48	1.4	B4000

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	B4000
F1D501A-MTA02060	ISO50 AD MTA 02 060	50	AD	2	60	32	2.7	B4000
F1D501A-MTA03065	ISO50 AD MTA 03 065	50	AD	3	65	40	2.7	B4000
F1D501A-MTA04070	ISO50 AD MTA 04 070	50	AD	4	70	48	3	B4000
F1D501A-MTA05105	ISO50 AD MTA 05 105	50	AD	5	105	70	3.5	B4000





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