



BT Shank Tools

BT30		E2-E18
BT40		E20-E60
BT50		E62-E95



ERICKSON™ BT V-Flange Shank Tooling System • BT30 Series

Primary Application

ERICKSON V-Flange BT Taper Tooling is manufactured from premium materials and meets or exceeds the latest JIS B 6339 specification and ISO-1947 taper accuracy of AT3 specification standards. The BT30 tools are either pre-balanced to a high specification or balanced-by-design. For high speed applications Kennametal recommends that the complete toolholder assembly (toolholder, retention knobs, collets, hardware, and cutting tools) be balanced as one entity. Exact RPM limits can only be determined by considering machine and spindle configurations in conjunction with tooling design and safety limits factored as a complete system.

Features and Benefits

- JIS B 6339 7/24 taper.
- Standard M12 metric drawbar thread.
- Taper accuracy of AT3 specification or better.
- Maximum 100 bar (1,500 psi) coolant pressure.



BT — JIS B6339 Shank

NOTE: Inherent balance conditions — all features are symmetrical.

How Do Catalog Numbers Work?

Each character in our catalog number signifies a specific trait of that product. Use the following key columns and corresponding images to easily identify which attributes apply.



BT40BER40120M

BT

Shank
Style

JIS
6339

40

Shank
Taper
Size

30 = 30
40 = 40
50 = 50

B

Special Feature
(optional)

B =
DIN form B coolant
feature, tool shipped
to AD specifications
(design allows conversion
to form B style)

(blank) =
(no "B" or "Z") — tool built
to form A/AD coolant style

CH =
Coolant form AD —
high pressure

HPV =
High performance
and balanceable

TD =
Tunable

ER

Toolholder
Style

40

Toolholder
Size

120

Tool
Length

(Taper gage line to
front of tool)

metric
xxx = xxx

inch
xxx = x.xx

M

Identification
Value

M =
Tool built to metric values and has metric
retention thread

TG =
Collet series xx (50), xxx (100)

EM =
I.D. size: metric — xx = xx, (20);
inch — xxx = x.xx, (075)

SM =
O.D. size: metric — xx = xx, (20);
inch — xxx = x.xx, (075)

BB = Bar blank

DA = Double-angle collet chuck

DC = Drill chuck

EM = End mill adapter

ER = DIN 6499 single-angle collet chuck

HC = Hydraulic chuck — Standard Line

HCB = Hydraulic chuck — Basic Line

HCSL = Hydraulic chuck — Slim Line

HCSLT = Hydraulic chuck — Slim Line — Trend

HCT = Hydraulic chuck — Trend Line

HPMC = Bearing milling chuck — high performance

HSK = HSK adapter

JT = Jacobs taper adapter

KM = KM™ adapter

KR = Romicron boring adapters

MT = Morse taper adapter

RC = Rapid Change — T&C tapping adapter chuck

SA = Slotting cutter adapter

SER = DIN 6499 single-angle collet chuck — short with internal locknut

SFTT = **SAFE-LOCK™** Shrink Fit thermo toolholder

SM2C = Shell mill adapter with coolant and small diameter

SMC = Shell mill adapter with coolant

SS = Adapter for straight shanks (drills)

SSF = Adapter for straight shanks with flat (drills)

ST = Screw-on adapters

STRC = Rapid Change — solid tapping adapter chuck

SWN = Whistle Notch™ 2° — short — (not to DIN standard)

TA = Tap chuck adapter

TCRC = Rapid Change — T&C tapping adapter chuck

TG = Tremendous Grip single-angle collet chuck

TGF = Tremendous Grip single-angle collet chuck — flush face

TT = Shrink Fit thermo toolholder

TTHT = Shrink Fit thermo toolholder — high torque

WD = Whistle Notch with drive

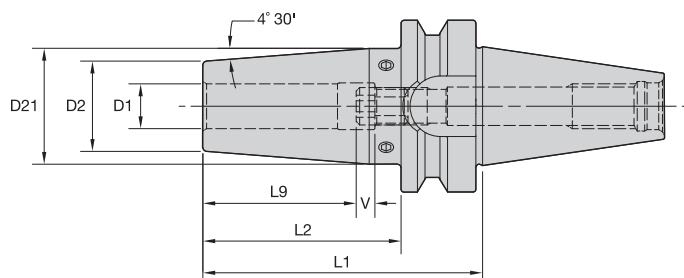
WN = Whistle Notch (2° metric; 5° inch)

BT30 Shank Tools

Shrink Fit Toolholders General Purpose (GP)



- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide and HSS cutting tools (requirements below).



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
6	h6	0,000/-0,008
8 & 10	h6	0,000/-0,009
12, 14, 16, & 18	h6	0,000/-0,011
20	h6	0,000/-0,013

ERICKSON

■ TT GP HPV MM-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L9	V	stop screw	wrench size stop screw	kg
3782116	BT30HPVTT06075M	6	21	27	75	53	26	10	TTSS05014M	2,5mm	0,56
3782117	BT30HPVTT08075M	8	21	27	75	53	26	10	TTSS06014M	3mm	0,55
3782118	BT30HPVTT10075M	10	24	31	75	53	31	10	TTSS08014M	4mm	0,60
3615348	BT30HPVTT12075M	12	24	31	75	53	36	10	TTSS10014M	5mm	0,58
3615349	BT30HPVTT14075M	14	27	34	75	53	36	10	TTSS10014M	5mm	0,63
3615350	BT30HPVTT16075M	16	27	34	75	53	39	10	TTSS12014M	6mm	0,60
3615351	BT30HPVTT18090M	18	33	41	90	68	39	10	TTSS12014M	6mm	0,84
3615352	BT30HPVTT20090M	20	33	41	90	68	41	10	TTSS16014M	8mm	0,81

(continued)

(TT HPV Form B/AD continued)

Cutting Tool Shank Requirements inch (industry standard)

cutting tool shank diameters	tolerance
1/4, 5/16, & 3/8	.0000/- .0004
7/16, 1/2, 9/16, 5/8, & 11/16	.0000/- .0004
3/4	.0000/- .0005

■ TT HPV IN-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L9	V	stop screw	wrench size stop screw	lbs
3782119	BT30HPVTT025295	1/4	.83	1.06	2.95	2.09	1.02	.39	TTSS05014M	2,5mm	1.23
3782120	BT30HPVTT031295	5/16	.83	1.06	2.95	2.09	1.02	.39	TTSS06014M	3mm	1.22
3782121	BT30HPVTT038295	3/8	.95	1.22	2.95	2.09	1.22	.39	TTSS08014M	4mm	1.32
3782122	BT30HPVTT044295	7/16	.95	1.22	2.95	2.09	1.42	.39	TTSS10014M	5mm	1.30
3615343	BT30HPVTT050295	1/2	.95	1.22	2.95	2.09	1.42	.39	TTSS10014M	5mm	1.27
3615344	BT30HPVTT056295	9/16	1.06	1.34	2.95	2.09	1.42	.39	TTSS10014M	5mm	1.37
3615345	BT30HPVTT062295	5/8	1.06	1.34	2.95	2.09	1.54	.39	TTSS12014M	6mm	1.33
3615346	BT30HPVTT068354	11/16	1.30	1.61	3.54	2.68	1.54	.39	TTSS12014M	6mm	1.87
3615347	BT30HPVTT075354	3/4	1.30	1.61	3.54	2.68	1.61	.39	TTSS16014M	8mm	1.81

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

Shrink Fit technical section, see page M78.

Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5mm lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

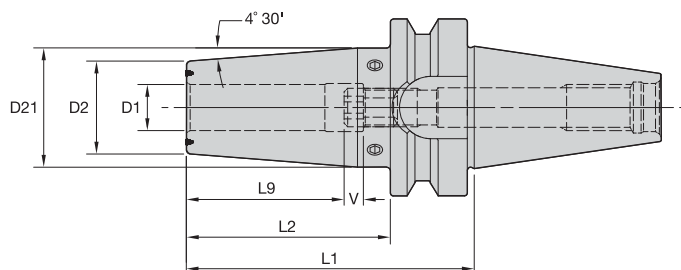
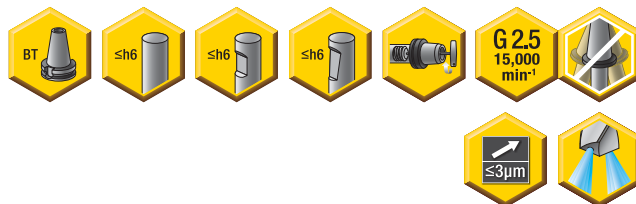
For retention knobs, see page L45.

BT30 Shank Tools

Shrink Fit Toolholders High Torque (HT)



- 30–50% higher clamping torque compared to GP line.
- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide only, designated by groove in front face (requirements below).
- 10 kW power or greater Shrink Fit device must be used.



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20	h6	0,000/-0,013

ERICKSON

■ TT HT HPV MM-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L9	V	stop screw	wrench size stop screw	kg
3615439	BT30HPVTTH12075M	12	24	31	75	53	36	10	TTSS10014M	5mm	0,58
3615440	BT30HPVTTH14075M	14	27	34	75	53	36	10	TTSS10014M	5mm	0,63
3615441	BT30HPVTTH16075M	16	27	34	75	53	39	10	TTSS12014M	6mm	0,60
3615442	BT30HPVTTH18090M	18	33	41	90	68	39	10	TTSS12014M	6mm	0,84
3615443	BT30HPVTTH20090M	20	33	41	90	68	41	10	TTSS16014M	8mm	0,81

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance
1/2, 9/16, 5/8, & 11/16	.0000/- .0004
3/4	.0000/- .0005

■ TT HT HPV IN-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L9	V	stop screw	wrench size stop screw	lbs
3615434	BT30HPVTTH050295	1/2	.95	1.22	2.95	2.09	1.42	.39	TTSS10014M	5mm	1.27
3615435	BT30HPVTTH056295	9/16	1.06	1.34	2.95	2.09	1.42	.39	TTSS10014M	5mm	1.37
3615436	BT30HPVTTH062295	5/8	1.06	1.34	2.95	2.09	1.54	.39	TTSS12014M	6mm	1.33
3615437	BT30HPVTTH068354	11/16	1.30	1.61	3.54	2.68	1.54	.39	TTSS12014M	6mm	1.87
3615438	BT30HPVTTH075354	3/4	1.30	1.61	3.54	2.68	1.61	.39	TTSS16014M	8mm	1.82

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

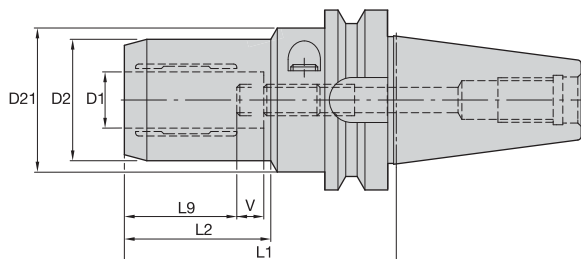
Shrink Fit technical section, see page M78.

Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5mm lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.



ERICKSON

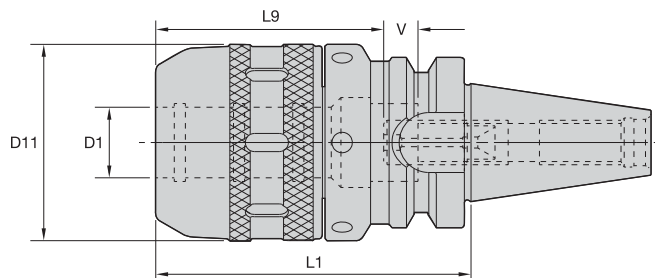
■ HC Trend MM-BT Form AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw	stop screw wrench	wrench size stop screw	kg
2255463	BT30HCT06075M	6	25,7	32	75	35	27	10	170.135	5mm	571.061	170.003	3mm	0,59
2255464	BT30HCT08075M	8	27,7	32	75	35	27	10	170.135	5mm	571.061	170.003	3mm	0,61
2255465	BT30HCT10080M	10	29,7	32	80	38	31	10	170.135	5mm	571.061	170.003	3mm	0,63
2255466	BT30HCT12085M	12	31,6	32	85	40	36	10	170.135	5mm	571.061	170.003	3mm	0,69
2255467	BT30HCT14100M	14	33,6	50	100	46	36	10	170.135	5mm	571.063	170.005	5mm	1,00
2255468	BT30HCT16100M	16	37,6	50	100	47	39	10	170.135	5mm	571.063	170.005	5mm	1,06
2255469	BT30HCT18100M	18	39,6	50	100	47	39	10	170.135	5mm	571.063	170.005	5mm	1,09
2255470	BT30HCT20100M	20	41,6	50	100	48	41	10	170.135	5mm	571.063	170.005	5mm	1,11

■ HC Trend IN-BT Form AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size stop screw	stop screw	stop screw wrench	wrench size stop screw	lbs
2259953	BT30HCT025295	1/4	1.01	1.25	2.95	1.38	1.06	.39	170.135	5mm	571.061	170.003	5mm	1.30
2259954	BT30HCT038315	3/8	1.17	1.25	3.15	1.57	1.22	.39	170.135	5mm	571.061	170.003	5mm	1.44
2259955	BT30HCT050335	1/2	1.24	1.25	3.35	1.69	1.42	.39	170.135	5mm	571.061	170.003	5mm	1.51
2259956	BT30HCT062394	5/8	1.48	1.96	3.94	1.83	1.54	.39	170.135	5mm	571.063	170.005	5mm	2.36
2259957	BT30HCT075413	3/4	1.64	1.96	4.13	1.89	1.61	.39	170.135	5mm	571.063	170.005	5mm	2.64

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrench must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.



ERICKSON

■ HPMC MM-BT Form AD

order number	catalog number	D1	D11	L1	L9	V	locknut wrench	stop screw	wrench size stop screw	kg
3578486	BT30HPMC20085M	20	53	85	55	20	PSW52M	MCSS12030M	2,5mm & 5mm	1,00

■ HPMC IN-BT Form AD

order number	catalog number	D1	D11	L1	L9	V	locknut wrench	stop screw	wrench size stop screw	lbs
3100411	BT30HPMC075335	3/4	2.09	3.35	2.17	.59	PSW52M	MCSS12030M	2,5mm & 5mm	2.50

NOTE: Milling chuck technical section, see page M88.

Supplied with locknut and stop screw.

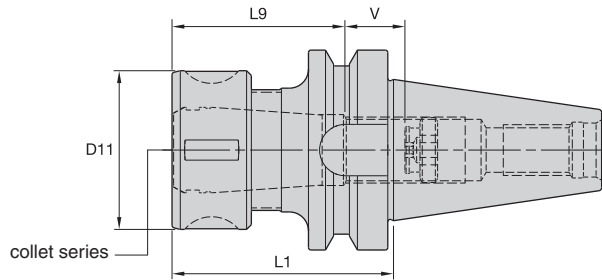
Locknut wrench not included.

Optional M6~1,0P fine-balancing screw set is available (order number HPMCBALSCREWSET) and must be ordered separately; see page L14.

Reduction sleeves are available and must be ordered separately; see page J6.

For retention knobs, see page L45.

- Tremendous Grip (3:1 advantage).



TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG75	2,6	20,0	3/64	3/4

ERICKSON

■ TG Round-BT Form AD



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size stop screw	kg
1156351	BT30TG075075M	TG75	50	75	55	17	LNA075M	HSW45M	136	SS081041G	4mm & 5/32	0,60

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.

Collet chuck technical section, see page M98.

Supplied with locknut and stop screw.

Locknut wrench must be ordered separately.

Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.

Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.

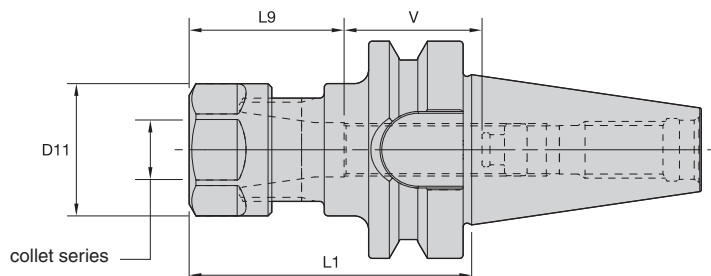
Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.

TG standard straight-bore collets, see page J10.

TG tap collets, see page J10.

For retention knobs, see page L45.

- Grip (2:1 advantage).



ERICKSON

■ ER Hex-BT Form AD

ER collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
ER16	0,5	10,0	.02	.41
ER20	0,5	13,0	.02	.50
ER25	1,0	16,0	.04	.63
ER32	2,0	20,0	.08	.81
ER40	3,0	26,0	.12	1.00

order number	catalog number	collet series	D11	L1	L9	V	kg
1258023	BT30ER16060M	ER16	28	60	32	33	0,48
1826220	BT30ER16100M	ER16	28	100	32	48	0,64
3847457	BT30ER16150M	ER16	28	150	32	48	0,85
1021296	BT30ER20060M	ER20	34	60	36	31	0,49
3847458	BT30ER20100M	ER20	34	100	36	44	0,74

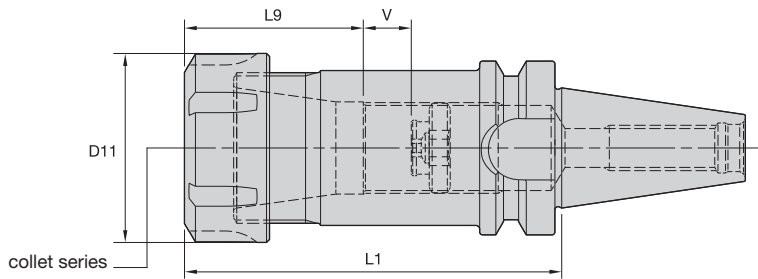
■ Spare Parts



catalog number	locknut	wrench	Nm	stop screw	wrench size stop screw
BT30ER16060M	LNHSER16M	OEW25M	40	SS044038G	4mm & 5/32
BT30ER16100M	LNHSER16M	OEW25M	40	SS044038G	4mm & 5/32
BT30ER16150M	LNHSER16M	OEW25M	40	SS044038G	4mm & 5/32
BT30ER20060M	LNHSER20M	OEW30M	32	SS056041G	4mm & 5/32
BT30ER20100M	LNHSER20M	OEW30M	32	SS056041G	4mm & 5/32

(continued)

(ER BT Form AD continued)



■ ER Round-BT Form AD

order number	catalog number	collet series	D11	L1	L9	V	kg
1258025	BT30ER25060M	ER25	42	60	40	16	0,52
1826221	BT30ER25100M	ER25	42	100	40	40	0,73
1156350	BT30ER32070M	ER32	50	70	46	10	0,65
3847459	BT30ER32100M	ER32	50	100	46	34	0,88
3847460	BT30ER40100M	ER40	63	100	52	10	1,15

■ Spare Parts



catalog number	locknut	wrench	Nm	stop screw	wrench size stop screw
BT30ER25060M	LNSER25M	ER25WM	104	SS075041G	4mm & 5/32
BT30ER25100M	LNSER25M	ER25WM	104	SS075041G	4mm & 5/32
BT30ER32070M	LNSER32M	ER32WM	136	SS094041G	4mm & 5/32
BT30ER32100M	LNSER32M	ER32WM	136	SS094041G	4mm & 5/32
BT30ER40100M	LNSER40M	ER40WM	176	SS112041G	4mm & 5/32

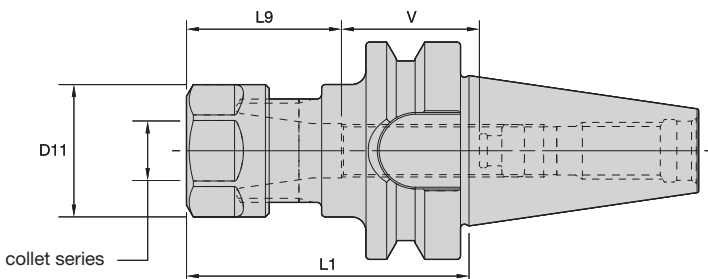
NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
ER standard straight-bore collets, see page J50.
ER tap collets, see pages J58-J59.
ER TCT tension-only tap collets, see page J60.
For retention knobs, see page L45.

BT30 Shank Tools

DA 08 Series Double-Angle Collet Chucks



- Grip 1:1.



ERICKSON

■ DA Hex-BT Form AD

DA collet series	Collet Capacity		mm		inch	
	min	max	min	max	min	max
DA200	0,2	10	1/64	25/64		
DA180	2,2	20	1/64	3/4		

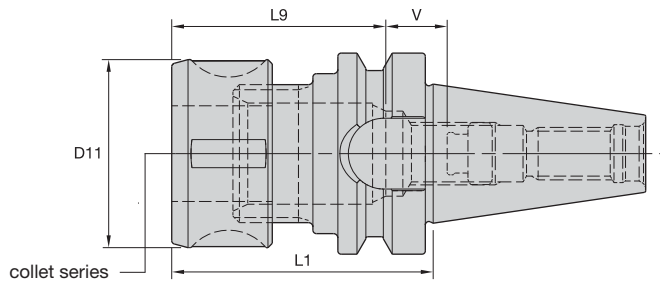
order number	catalog number	collet series	D11	L1	L9	V	lbs
1258011	BT30DA208060M	DA200	1.08	2.36	1.50	1.17	1.10

■ Spare Parts

catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
BT30DA208060M	LNA208M	OEW24M	45	SS038031G	2mm & 5/64

(continued)

(DA BT Form AD continued)



BT30 Shank Tools

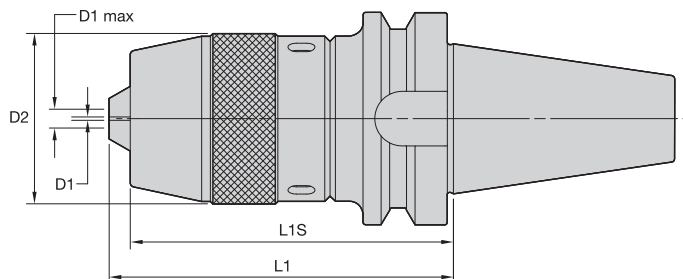
■ DA Round-BT Form AD

order number	catalog number	collet series	D11	L1	L9	V	lbs
1191712	BT30DA188060M	DA180	1.69	2.36	2.13	.35	1.54

■ Spare Parts

catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
BT30DA188060M	LNA188M	HSW45M	100	SS056041G	4 mm & 5/32

NOTE: Tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see pages J65–J68.
 DA non-pullout collets, see pages J65–J68.
 For retention knobs, see page L45.

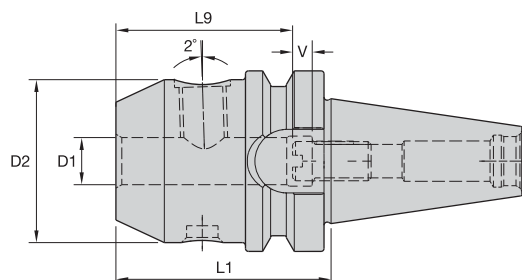


ERICKSON

■ DC-BT Form AD

order number	catalog number	D1		D1 max		D2	L1	L1S	Nm	lbs
		mm	in	mm	in					
3582592	BT30DC08092M	0,5	.020	8,0	.315	38	100	92	25	2.89

NOTE: Tighten to the recommended tightening torque.
Locknut wrench supplied.
For retention knobs, see page L45.



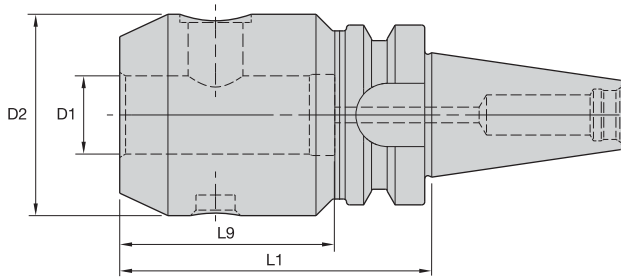
ERICKSON

■ WN MM-BT Form AD



order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	Nm	stop screw	wrench size stop screw	kg
1861102	BT30WN06050M	6	25	50	30	10	SS03M012	3mm	7	571.060	2,5mm	0,47
1861123	BT30WN08050M	8	28	50	30	10	SS03M014	4mm	15	571.067	3mm	0,49
2255556	BT30WN10055M	10	35	55	35	10	SS03M018	5mm	25	571.062	4mm	0,58
2255557	BT30WN12055M	12	42	55	40	10	SS03M023	6mm	35	571.063	5mm	0,67
2255558	BT30WN14055M	14	44	55	40	10	SS03M023	6mm	35	571.063	5mm	0,68
2255559	BT30WN16055M	16	46	55	43	10	SS03M025	6mm	50	571.069	6mm	0,71

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw and stop screw.
Lock screw and stop screw wrenches not included.
For retention knobs, see page L45.



ERICKSON

■ EM MM-BT Form AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	Nm	kg
1258015	BT30EM06050M	6	25	50	74	SS03M012	3mm	7	0,46
1258018	BT30EM08060M	8	28	60	84	SS03M014	4mm	15	0,52
1258019	BT30EM10060M	10	35	60	84	SS03M018	5mm	25	0,60
1155346	BT30EM12060M	12	42	60	50	SS03M023	6mm	35	0,70
1258020	BT30EM16060M	16	48	60	53	SS03M025	6mm	50	0,77
1258021	BT30EM20080M	20	52	80	55	SS03M026	8mm	95	1,03

■ EM IN-BT Form AD

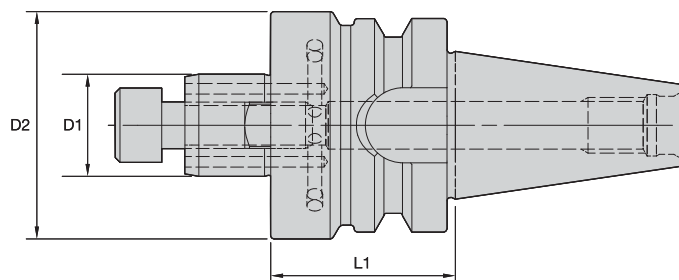


order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
2249689	BT30EM012236	1/8	.69	2.36	3.30	S1045PKG	3/32	3	.95
2249690	BT30EM018236	3/16	.69	2.36	3.30	S1045PKG	3/32	3	.94
1258012	BT30EM025236	1/4	1.00	2.36	3.30	ELS025025PKG	1/8	5	1.10
2249691	BT30EM031236	5/16	1.00	2.36	3.30	ELS031031PKG	5/32	11	1.08
1258013	BT30EM038236	3/8	1.00	2.36	3.30	ELS038031PKG	3/16	15	1.08
1258014	BT30EM050236	1/2	1.38	2.36	1.97	ELS044038PKG	7/32	20	1.26
1258016	BT30EM062236	5/8	1.63	2.36	2.09	ELS056050PKG	1/4	40	1.43
1258017	BT30EM075236	3/4	1.75	2.36	2.22	ELS062050PKG	5/16	70	1.46

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw.
 Lock screw wrench not included.
 For retention knobs, see page L45.

BT30 Shank Tools

Shell Mill Adapters with Through Coolant



ERICKSON™

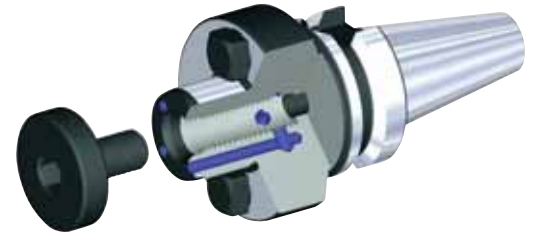
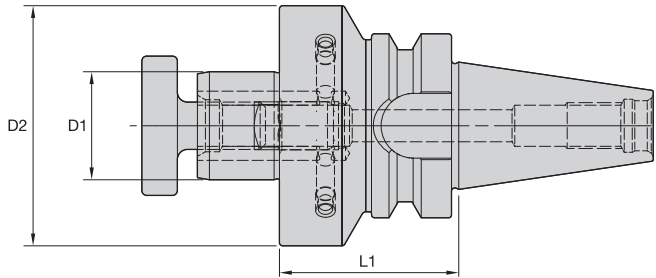
■ SMC Cap MM-BT Form B/AD



order number	catalog number	D1	D2	L1	lock screw	drive key	wrench size lock screw	kg
3752223	BT30SM2C16035M	16	38	35	MS1294	KDK16M	6mm	0,51
3752222	BT30SMC16035M	16	44	35	MS1294	KDK16M	6mm	0,55
3752225	BT30SM2C16050M	16	38	50	MS1294	KDK16M	6mm	0,64
3752224	BT30SMC16050M	16	44	50	MS1294	KDK16M	6mm	0,73
3752227	BT30SM2C22040M	22	42	40	MS1234	—	8mm	0,62
3752226	BT30SMC22040M	22	49	40	MS1234	KDK22M	8mm	0,68
3752229	BT30SM2C22050M	22	42	50	MS1234	—	8mm	0,73
3752228	BT30SMC22050M	22	49	50	MS1234	KDK22M	8mm	0,79

(continued)

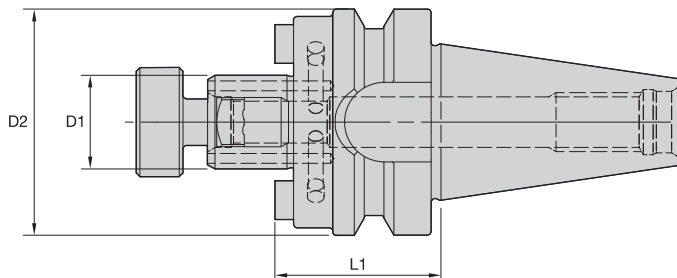
(SMC BT Form B/AD continued)



■ SMC Lock MM-BT Form B/AD



order number	catalog number	D1	D2	L1	lock screw	drive key	wrench size lock screw	kg
3752230	BT30SMC27045M	27	60	45	KLSS27M	KDK22M	10mm	0,97



■ SMC Lock IN-BT Form B/AD

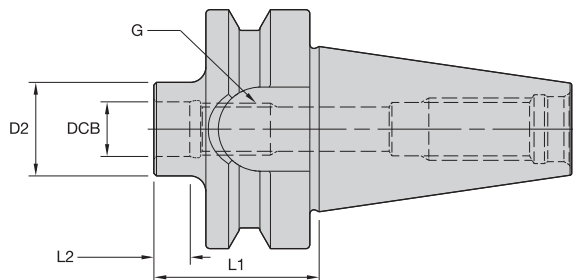


order number	catalog number	D1	D2	L1	lock screw	drive key	wrench size lock screw	lbs
3648599	BT30SM2C050118	1/2	1.20	1.18	KLS05	KDK04	3/16	.97
3648598	BT30SMC050118	1/2	1.44	1.18	KLS05	KDK04	3/16	1.01
3648601	BT30SM2C075118	3/4	1.46	1.18	KLS07	—	1/4	1.08
3648600	BT30SMC075118	3/4	1.69	1.18	KLS07	KDK05	1/4	1.13
3648653	BT30SM2C100177	1	2.19	1.77	KLS10	KDK06	5/16	1.83
3648602	BT30SMC100177	1	2.75	1.77	KLS10	KDK06	5/16	2.16

NOTE: Do not overtighten lock screw.
 Supplied with lock screw and drive keys.
 Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.
 Lock screw wrench not included.
 For retention knobs, see page L45.

BT30 Shank Tools

Screw-On Adapters for Modular Milling Cutters • KM™ Modular Adapters

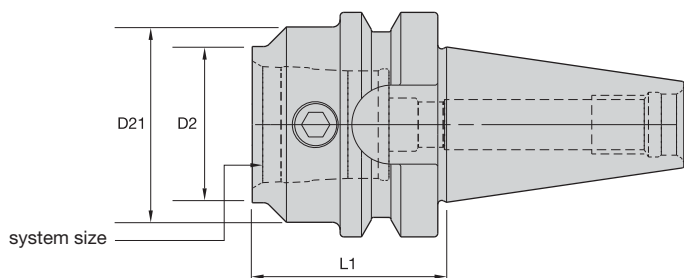


ERICKSON

■ ST-BT Form AD

order number	catalog number	DCB	G	D2	L1	L2	kg
4070054	BT30ST06032M	6,5	M6	10	32	9	0,39
4070055	BT30ST08032M	8,5	M8	13	32	9	0,39
4070056	BT30ST10032M	10,5	M10	18	32	9	0,39
4070057	BT30ST12032M	12,5	M12	21	32	9	0,38

NOTE: For retention knobs, see page L45.



ERICKSON

■ KM-BT Form AD



order number	catalog number	system size	D2	D21	L1	KM spare parts package	wrench size actuation screw	Nm	kg
1013658	BT30KM3240	KM32	32	40	40	KM32PKG3L	5mm	8-11	0,49

NOTE: Do not overtorque actuation screw; use torque recommendations above.
Supplied with KM actuation mechanism.
For retention knobs, see page L45.



The Tunable Tooling

Internal dampening package eliminates chatter, vibration, and harmonics in all your deep-hole boring applications!

- Proprietary features provide superior surface finish and increased productivity.
- Wide product offering — from boring bars, extensions, and holders to rotating adapters and modular sections.
- Reduce setup time with KM™ Quick Change Tooling — now an ISO Standard!
- Customize Kennametal's pre-tuned boring bars — after they're on the machine — to optimize performance in your specific machining operations.

For tighter tolerances, reduced scrap rates, and improved tool life, you can rely on Kennametal Tunable Tooling!

Experience the advantages at your Authorized Kennametal Distributor or at www.kennametal.com.

www.kennametal.com



ERICKSON™ BT V-Flange Shank Tooling System • BT40 Series

Primary Application

ERICKSON V-Flange BT Taper Tooling is manufactured from premium materials and meets or exceeds the latest JIS B 6339 specification and ISO-1947 taper accuracy of AT3 specification standards. The BT40 tools are either pre-balanced to a high specification or balanced-by-design. For high speed applications Kennametal recommends that the complete toolholder assembly (toolholder, retention knobs, collets, hardware, and cutting tools) be balanced as one entity. Exact RPM limits can only be determined by considering machine and spindle configurations in conjunction with tooling design and safety limits factored as a complete system.



BT — JIS B6339 Shank

NOTE: Inherent balance conditions — all features are symmetrical.



Features and Benefits

- JIS B 6339 7/24 taper.
- Standard M16 metric drawbar thread.
- Taper accuracy of AT3 specification or better.
- All tools set to form AD coolant specification.
Many can be converted to form B style.
- Maximum 100 bar (1,500 psi) coolant pressure.

Order Information

Kennametal high-performance end mills with a shank diameter of 12mm (1/2") and larger are available with **SAFE-LOCK™** technology, as a special tool, upon request. Please contact your local customer service location to receive a quote.

Features

- Form-closed clamping.
- High accuracy clamping.
- Helical grooves.

Functions

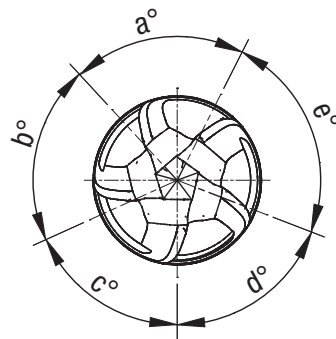
- No pull out.
- Excellent runout.
- Adjustable clamping length.

Benefits

- Reduce scrap rate.
- Higher tool life.
- No need to change NC program after regrounding.



Customized-Solution Example for Highest Metal Removal Rates



The HARVI II UDDE proprietary design with **unequal flute spacing** and unique core geometry for chatter-free machining enables slotting operations in titanium up to 1 x D.

SAFE-LOCK™ by HAIMER

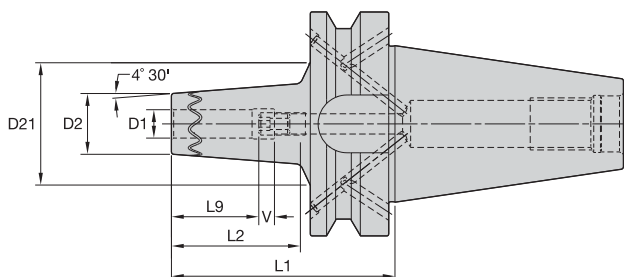
The safety belt for high-performance solid carbide end mills provides a form-closed clamping with high accuracy and helical grooves for length adjustment.



*To learn more, **scan here.**
For instructions on how to scan,
please see page xxxiii.*



- **SAFE-LOCK™**, innovative and unique non-slip system.
- Suitable for carbide and HSS cutting tools.
- Need ≥ 10 kW shrink unit.



BT40 Shank Tools

ERICKSON

■ TT SF MM-BT FORM B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
5090264	BT40BSFTT12070M	12	27	33	70	43	37	10	1,14
5090265	BT40BSFTT14075M	14	30	37	75	48	37	10	1,21
5090266	BT40BSFTT16075M	16	30	37	75	48	40	10	1,18
5090267	BT40BSFTT18075M	18	36	43	75	48	40	10	1,29
5090268	BT40BSFTT20075M	20	36	43	75	48	42	10	1,24
5090269	BT40BSFTT25085M	25	46	55	85	58	48	10	1,59
5090270	BT40BSFTT32085M	32	46	55	85	58	48	10	1,43

Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance
1/2 & 5/8	.0000/- .0004
3/4, 1	.0000/- .0005

■ TT SF IN-BT FORM B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	lbs
5129960	BT40BSFTT050276	1/2	1.04	1.31	2.76	1.69	1.46	.39	2.50
5129962	BT40BSFTT062295	5/8	1.16	1.46	2.95	1.89	1.58	.39	2.61
5129963	BT40BSFTT075295	3/4	1.40	1.70	2.95	1.89	1.65	.39	2.77
5129964	BT40BSFTT100335	1	1.79	2.15	3.35	2.28	1.89	.39	3.48

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder. Shrink Fit technical section, see page M78. Shrink Fit accessories, see pages L12–L13. For retention knobs, see page L45.

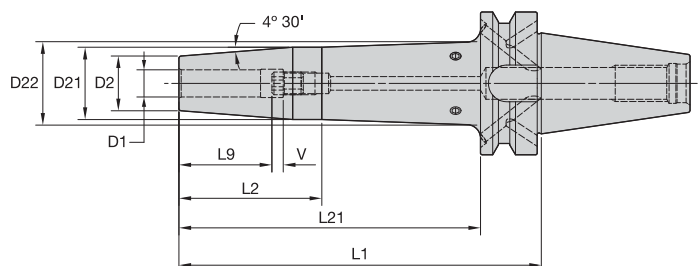
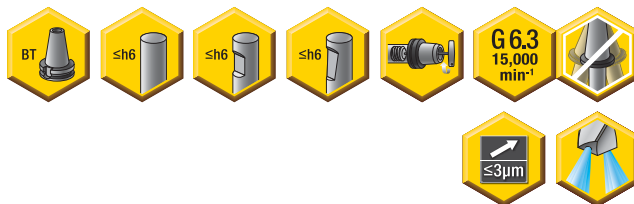
			40	(2x) SFV40	1,5mm
			50	(2x) SFV50	1,5mm

BT40 Shank Tools

Shrink Fit Toolholders General Purpose (GP)



- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide and HSS cutting tools (requirements below).



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
6	h6	0,000/-0,008
8 & 10	h6	0,000/-0,009
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON

■ TT GP HPV MM-BT Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3782133	BT40BHPVTT06090M	6	21	27	—	90	63	—	26	10	TTSS05014M	2,5mm	1,16
3782134	BT40BHPVTT06120M	6	21	27	—	120	93	—	26	10	TTSS05014M	2,5mm	1,29
3782135	BT40BHPVTT06160M	6	21	27	33	160	50	133	26	10	TTSS05014M	2,5mm	1,54
3782136	BT40BHPVTT08090M	8	21	27	—	90	63	—	26	10	TTSS06014M	3mm	1,15
3782137	BT40BHPVTT08120M	8	21	27	—	120	93	—	26	10	TTSS06014M	3mm	1,28
3782138	BT40BHPVTT08160M	8	21	27	33	160	50	133	26	10	TTSS06014M	3mm	1,54
3782139	BT40BHPVTT10090M	10	24	32	—	90	63	—	31	10	TTSS08014M	4mm	1,22
3782140	BT40BHPVTT10120M	10	24	32	—	120	93	—	31	10	TTSS08014M	4mm	1,40
3782141	BT40BHPVTT10160M	10	24	32	37	160	63	133	31	10	TTSS08014M	4mm	1,71
3615365	BT40BHPVTT12090M	12	24	32	—	90	63	—	36	10	TTSS10014M	5mm	1,20
3615366	BT40BHPVTT12120M	12	24	32	—	120	93	—	36	10	TTSS10014M	5mm	1,38
3615367	BT40BHPVTT12160M	12	24	32	37	160	63	133	36	10	TTSS10014M	5mm	1,70
3615368	BT40BHPVTT14090M	14	27	34	—	90	63	—	36	10	TTSS10014M	5mm	1,25
3615369	BT40BHPVTT14120M	14	27	34	—	120	93	—	36	10	TTSS10014M	5mm	1,45
3615370	BT40BHPVTT14160M	14	27	34	39	160	63	133	36	10	TTSS10014M	5mm	1,81
3615371	BT40BHPVTT16090M	16	27	34	—	90	63	—	39	10	TTSS12014M	6mm	1,23
3615372	BT40BHPVTT16120M	16	27	34	—	120	93	—	39	10	TTSS12014M	6mm	1,43
3615373	BT40BHPVTT16160M	16	27	34	39	160	63	133	39	10	TTSS12014M	6mm	1,77
3615374	BT40BHPVTT18090M	18	33	41	—	90	63	—	39	10	TTSS12014M	6mm	1,38
3615375	BT40BHPVTT18120M	18	33	42	—	120	93	—	39	10	TTSS12014M	6mm	1,69
3615376	BT40BHPVTT18160M	18	33	42	—	160	133	—	39	10	TTSS12014M	6mm	2,10
3615377	BT40BHPVTT20090M	20	33	41	—	90	63	—	41	10	TTSS16014M	8mm	1,35
3615378	BT40BHPVTT20120M	20	33	42	—	120	93	—	41	10	TTSS16014M	8mm	1,65
3615379	BT40BHPVTT20160M	20	33	42	—	160	133	—	41	10	TTSS16014M	8mm	2,05
3615380	BT40BHPVTT25100M	25	44	52	—	100	73	—	47	10	TTSS16014M	8mm	1,75
3615381	BT40BHPVTT32105M	32	44	53	—	105	78	—	51	10	TTSS16014M	8mm	1,67

(continued)

(TT GP HPV BT Form B/AD continued)

Cutting Tool Shank Requirements inch (industry standard)

cutting tool shank diameters	tolerance
1/4, 5/16, & 3/8	.0000/- .0004
7/16, 1/2, & 5/8	.0000/- .0004
3/4, 7/8, 1, & 1-1/4	.0000/- .0005

■ TT GP HPV IN-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L9	V	stop screw	wrench size stop screw	lbs
3782142	BT40BHPVTT025354	1/4	.83	1.06	3.54	2.48	1.02	.39	TTSS05014M	2,5mm	2.55
3782143	BT40BHPVTT025630	1/4	.83	1.06	6.30	1.97	1.02	.39	TTSS05014M	2,5mm	3.39
3782144	BT40BHPVTT031354	5/16	.83	1.06	3.54	2.48	1.02	.39	TTSS06014M	3mm	2.53
3782145	BT40BHPVTT031630	5/16	.83	1.06	6.30	1.97	1.02	.39	TTSS06014M	3mm	3.39
3782146	BT40BHPVTT038354	3/8	.95	1.26	3.54	2.48	1.22	.39	TTSS08014M	4mm	2.69
3782147	BT40BHPVTT038630	3/8	.95	1.26	6.30	2.48	1.22	.39	TTSS08014M	4mm	3.78
3782148	BT40BHPVTT044354	7/16	.95	1.26	3.54	2.48	1.42	.39	TTSS10014M	5mm	2.66
3615353	BT40BHPVTT050354	1/2	.95	1.26	3.54	2.48	1.42	.39	TTSS10014M	5mm	2.64
3615354	BT40BHPVTT050630	1/2	.95	1.26	6.30	2.48	1.42	.39	TTSS10014M	5mm	3.73
3615355	BT40BHPVTT062354	5/8	1.06	1.34	3.54	2.48	1.54	.39	TTSS12014M	6mm	2.71
3615356	BT40BHPVTT062630	5/8	1.06	1.34	6.30	2.48	1.54	.39	TTSS12014M	6mm	3.91
3615357	BT40BHPVTT075354	3/4	1.30	1.61	3.54	2.48	1.61	.39	TTSS16014M	8mm	2.99
3615358	BT40BHPVTT075630	3/4	1.30	1.65	6.30	5.24	1.61	.39	TTSS16014M	8mm	4.56
3615359	BT40BHPVTT088354	7/8	1.30	1.61	3.54	2.48	1.61	.39	TTSS16014M	8mm	2.90
3615360	BT40BHPVTT088630	7/8	1.30	1.65	6.30	5.24	1.61	.39	TTSS16014M	8mm	4.47
3615361	BT40BHPVTT100394	1	1.73	2.06	3.94	2.87	1.85	.39	TTSS16014M	8mm	3.84
3615362	BT40BHPVTT100630	1	1.73	2.08	6.30	5.24	1.85	.39	TTSS16014M	8mm	6.03
3615363	BT40BHPVTT125413	1 1/4	1.73	2.08	4.13	3.07	2.01	.39	TTSS16014M	8mm	3.69
3615364	BT40BHPVTT125630	1 1/4	1.73	2.08	6.30	5.24	2.01	.39	TTSS16014M	8mm	5.69

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

Shrink Fit technical section, see page M78.

Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5mm lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.

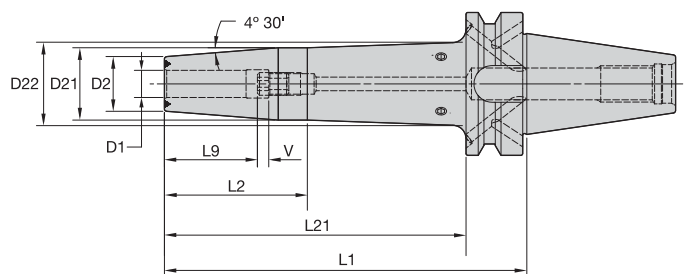
Form AD						
Form B				40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm

BT40 Shank Tools

Shrink Fit Toolholders High Torque (HT)



- 30–50% higher clamping torque compared to GP line.
- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide only, designated by groove in front face (requirements below).
- 10 kW power or greater Shrink Fit device must be used.



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON

■ TT HT HPV MM-BT Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3615457	BT40BHPVTTHT12090M	12	24	32	—	90	63	—	36	10	TTSS10014M	5mm	1,20
3615458	BT40BHPVTTHT12120M	12	24	32	—	120	93	—	36	10	TTSS10014M	5mm	1,38
3615459	BT40BHPVTTHT12160M	12	24	32	37	160	63	133	36	10	TTSS10014M	5mm	1,70
3615460	BT40BHPVTTHT14090M	14	27	34	—	90	63	—	36	10	TTSS10014M	5mm	1,25
3615461	BT40BHPVTTHT14120M	14	27	34	—	120	93	—	36	10	TTSS10014M	5mm	1,45
3615462	BT40BHPVTTHT14160M	14	27	34	39	160	63	133	36	10	TTSS10014M	5mm	1,81
3615463	BT40BHPVTTHT16090M	16	27	34	—	90	63	—	39	10	TTSS12014M	6mm	1,23
3615464	BT40BHPVTTHT16120M	16	27	34	—	120	93	—	39	10	TTSS12014M	6mm	1,43
3615465	BT40BHPVTTHT16160M	16	27	34	39	160	63	133	39	10	TTSS12014M	6mm	1,77
3615466	BT40BHPVTTHT18090M	18	33	41	—	90	63	—	39	10	TTSS12014M	6mm	1,38
3615467	BT40BHPVTTHT18120M	18	33	42	—	120	93	—	39	10	TTSS12014M	6mm	1,69
3615468	BT40BHPVTTHT18160M	18	33	42	—	160	133	—	39	10	TTSS12014M	6mm	2,10
3615469	BT40BHPVTTHT20090M	20	33	41	—	90	63	—	41	10	TTSS16014M	8mm	1,35
3615470	BT40BHPVTTHT20120M	20	33	42	—	120	93	—	41	10	TTSS16014M	8mm	1,65
3615471	BT40BHPVTTHT20160M	20	33	42	—	160	133	—	41	10	TTSS16014M	8mm	2,06
3615472	BT40BHPVTTHT25100M	25	44	52	50	100	73	—	47	10	TTSS16014M	8mm	1,75
3615473	BT40BHPVTTHT32105M	32	44	53	50	105	78	—	51	10	TTSS16014M	8mm	1,66

(continued)

(TT HT HPV BT Form B/AD continued)

Cutting Tool Shank Requirements

inch (industry standard)	
cutting tool shank diameters	tolerance
1/2 & 5/8	.0000/- .0004
3/4, 7/8, 1, & 1-1/4	.0000/- .0005

■ TT HT HPV IN-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L9	V	stop screw	wrench size stop screw	lbs
3615444	BT40BHPVTTH050354	1/2	.95	1.26	3.54	2.48	1.42	.39	TTSS10014M	5mm	2.63
3615445	BT40BHPVTTH050630	1/2	.95	1.26	6.30	2.48	1.42	.39	TTSS10014M	5mm	3.73
3615446	BT40BHPVTTH062354	5/8	1.06	1.34	3.54	2.48	1.54	.39	TTSS12014M	6mm	2.71
3615447	BT40BHPVTTH062630	5/8	1.06	1.34	6.30	2.48	1.54	.39	TTSS12014M	6mm	3.91
3615448	BT40BHPVTTH075354	3/4	1.30	1.61	3.54	2.48	1.61	.39	TTSS16014M	8mm	2.99
3615450	BT40BHPVTTH075630	3/4	1.30	1.65	6.30	5.24	1.61	.39	TTSS16014M	8mm	4.56
3615451	BT40BHPVTTH088354	7/8	1.30	1.61	3.54	2.48	1.61	.39	TTSS16014M	8mm	2.90
3615452	BT40BHPVTTH088630	7/8	1.30	1.65	6.30	5.24	1.61	.39	TTSS16014M	8mm	4.47
3615453	BT40BHPVTTH100394	1	1.73	2.06	3.94	2.87	1.85	.39	TTSS16014M	8mm	3.84
3615454	BT40BHPVTTH100630	1	1.73	2.08	6.30	5.24	1.85	.39	TTSS16014M	8mm	6.03
3615455	BT40BHPVTTH125413	1 1/4	1.73	2.08	4.13	3.07	2.01	.39	TTSS16014M	8mm	3.68
3615456	BT40BHPVTTH125630	1 1/4	1.73	2.08	6.30	5.24	2.01	.39	TTSS16014M	8mm	5.69

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

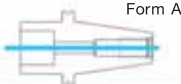
Shrink Fit technical section, see page M78.

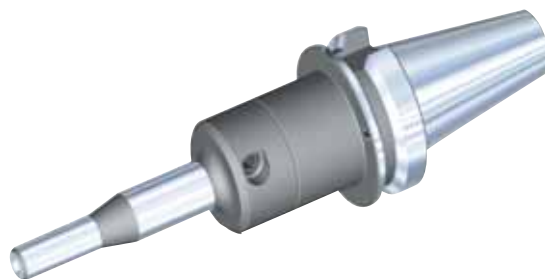
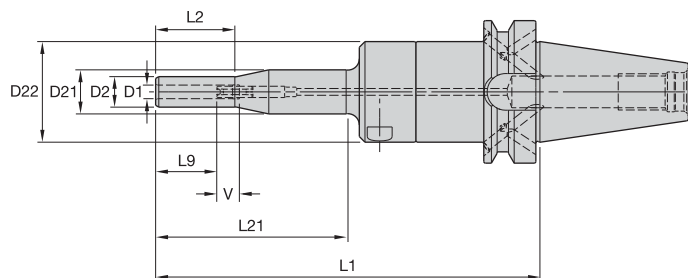
Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5mm lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.

Form AD						
Form B				40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm



ERICKSON™

■ HC Slim-T MM-BT Form B/AD

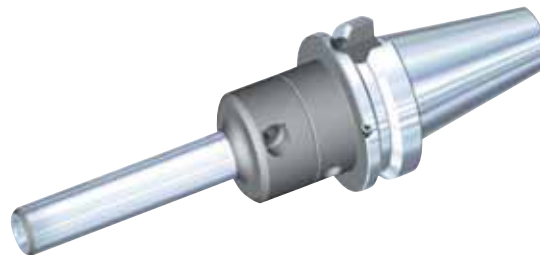
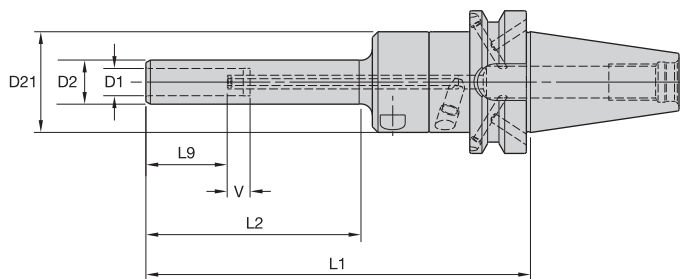
order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	kg
3019236	BT40BHCSLT06170M	6	13,5	19,5	44	170	35	85	27	10	1,68
3019237	BT40BHCSLT08170M	8	15,5	19,5	44	170	35	85	27	10	1,69
3019238	BT40BHCSLT10170M	10	17,5	44,5	—	170	85	145	31	10	1,68

■ Spare Parts

catalog number	actuation wrench	wrench size actuation screw	stop screw	stop screw wrench	wrench size stop screw
BT40BHCSLT06170M	170.135	5mm	571.060	170.002	2,5mm
BT40BHCSLT08170M	170.135	5mm	571.060	170.002	2,5mm
BT40BHCSLT10170M	170.135	5mm	571.061	170.003	3mm

(continued)

(HC Slim MM-BT Form B/AD continued)



BT40 Shank Tools

■ HC Slim MM-BT Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
2634575	BT40BHCSL12170M	12	19,5	44,5	170	95	36	10	1,61
2634576	BT40BHCSL14170M	14	21,5	52,5	170	95	36	10	1,84
2634577	BT40BHCSL16170M	16	23,5	52,5	170	95	39	10	1,87
2634578	BT40BHCSL18170M	18	25,5	52,5	170	95	39	10	1,91
2634579	BT40BHCSL20170M	20	27,5	52,5	170	95	41	10	1,95

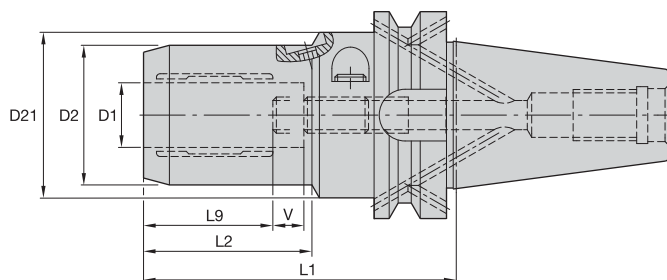
■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw
BT40BHCSL12170M	170.135	5mm	170.002	2,5mm
BT40BHCSL14170M	170.135	5mm	170.002	2,5mm
BT40BHCSL16170M	170.135	5mm	170.002	2,5mm
BT40BHCSL18170M	170.135	5mm	170.002	2,5mm
BT40BHCSL20170M	170.135	5mm	170.002	2,5mm

NOTE: Do not overtorque actuation screw. Use supplied wrench and tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw and actuation wrench.
 Unable to use SEFAS™ chamfering rings on this design.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

Form AD	✓				
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

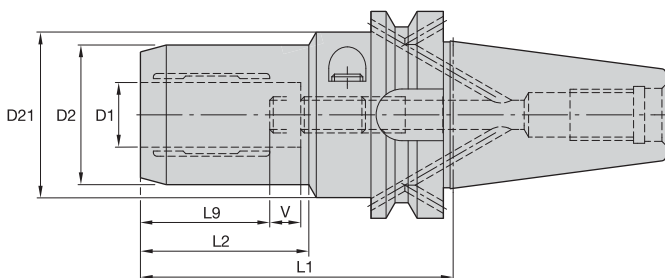
■ HC MM-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw	kg
1315341	BT40BHC06080M	6	25,7	50	80	33	27	10	170.135	5mm	170.002	2,5mm	1,28
1315342	BT40BHC08080M	8	27,7	50	80	34	27	10	170.135	5mm	170.002	2,5mm	1,30
1315343	BT40BHC10085M	10	29,7	50	85	35	31	10	170.135	5mm	170.002	2,5mm	1,35
1315344	BT40BHC12090M	12	31,6	50	90	40	36	10	170.135	5mm	170.002	2,5mm	1,39
1315345	BT40BHC14090M	14	33,6	50	90	42	36	10	170.135	5mm	170.003	3mm	1,40
1315347	BT40BHC16090M	16	37,6	50	90	47	39	10	170.135	5mm	170.003	3mm	1,44
1315348	BT40BHC18090M	18	39,6	50	90	47	39	10	170.135	5mm	170.003	3mm	1,47
1315349	BT40BHC20095M	20	41,6	50	95	48	41	10	170.135	5mm	170.003	3mm	1,54
1315350	BT40BHC25115M	25	49,8	63	115	51	46	10	170.136	6mm	170.004	4mm	2,18
1315351	BT40BHC32120M	32	59,8	63	120	59	50	10	170.136	6mm	170.004	4mm	2,46

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrench must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

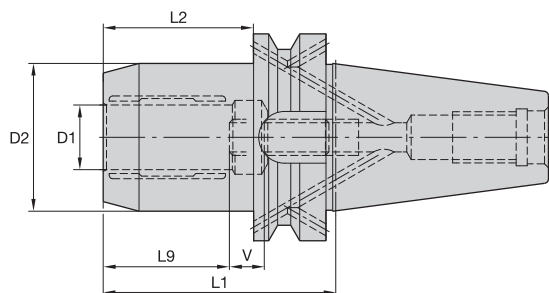
■ HC Trend IN-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw	stop screw wrench	wrench size stop screw	lbs
2263075	BT40BHCT025315	1/4	1.011	1.963	3.150	1.378	1.063	.394	170.135	5mm	571.061	170.003	3mm	2.85
2263076	BT40BHCT038335	3/8	1.168	1.963	3.346	1.496	1.220	.394	170.135	5mm	571.061	170.003	3mm	3.02
2263077	BT40BHCT050354	1/2	1.243	1.963	3.543	1.575	1.417	.394	170.135	5mm	571.061	170.003	3mm	3.16
2263078	BT40BHCT062354	5/8	1.479	1.963	3.543	1.831	1.535	.394	170.135	5mm	571.063	—	5mm	3.23
2263079	BT40BHCT075374	3/4	1.636	1.963	3.740	1.890	1.614	.394	170.135	5mm	571.063	—	5mm	3.49
2263080	BT40BHCT100453	1	1.959	2.474	4.528	2.008	1.850	.394	170.136	6mm	571.063	170.005	5mm	4.80
2263081	BT40BHCT125472	1 1/4	2.352	2.474	4.724	2.323	2.008	.394	170.136	6mm	571.063	170.005	5mm	5.43

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrench must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

Form AD	✓	40	(2x) MS2221S	2,5mm
Form B	↺	50	(2x) MS1296S	3mm



ERICKSON

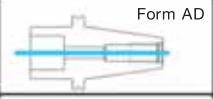
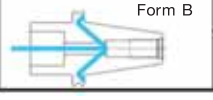
■ HC Basic MM-BT Form B/AD

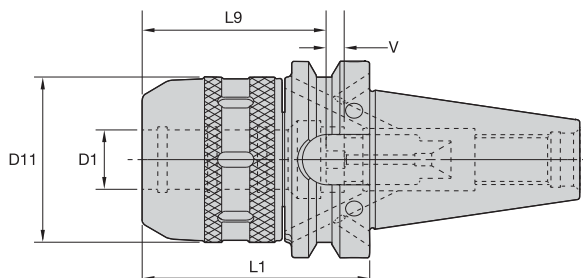
order number	catalog number	D1	D2	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw	wrench size stop screw	kg
1599687	BT40BHCB20095M	20	49,9	95	68	41	10		5mm		5mm	1,79
								170.135		280.034		

■ HC Basic IN-BT Form B/AD

order number	catalog number	D1	D2	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw	wrench size stop screw	lbs
2263074	BT40BHCB075374	3/4	1.96	3.74	2.68	1.61	—		5mm		5mm	3.98
								170.135		280.034		

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
Hydraulic chuck technical section, see page M84.
Supplied with stop screw.
Actuation wrench must be ordered separately.
Reduction sleeves are available and must be ordered separately; see page J2.
For retention knobs, see page L45.

	Form AD					
	Form B			40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm



ERICKSON

■ HPMC MM-BT Form B/AD

order number	catalog number	D1	D11	L1	L9	V	locknut wrench	stop screw	wrench size stop screw	kg
3578487	BT40BHPMC20075M	20	53	75	47	20	PSW52M	MCSS16040M	2,5mm & 5mm	1,50
3578488	BT40BHPMC20120M	20	53	120	50	20	PSW52M	MCSS16040M	2,5mm & 5mm	2,20
3578489	BT40BHPMC25085M	25	61	85	55	20	PSW58M	MCSS16040M	2,5mm & 5mm	1,80
3578490	BT40BHPMC25120M	25	61	120	55	20	PSW58M	MCSS16040M	2,5mm & 5mm	2,50
3578491	BT40BHPMC32090M	32	70	90	58	20	PSW68M	MCSS16040M	2,5mm & 5mm	2,10
3578492	BT40BHPMC32120M	32	70	120	58	20	PSW68M	MCSS16040M	2,5mm & 5mm	2,70

■ HPMC IN-BT Form B/AD

order number	catalog number	D1	D11	L1	L9	V	locknut wrench	stop screw	wrench size stop screw	lbs
3100412	BT40BHPMC075295	3/4	2.09	2.95	1.85	.79	PSW52M	MCSS16040M	2,5mm & 5mm	3.30
3100413	BT40BHPMC075472	3/4	2.09	4.72	1.97	.79	PSW52M	MCSS16040M	2,5mm & 5mm	4.90
3100414	BT40BHPMC100335	1	2.40	3.35	2.17	.79	PSW58M	MCSS16040M	2,5mm & 5mm	4.10
3100415	BT40BHPMC100472	1	2.40	4.72	2.17	.79	PSW58M	MCSS16040M	2,5mm & 5mm	5.70
3100416	BT40BHPMC125354	1 1/4	2.76	3.54	2.28	.79	PSW68M	MCSS16040M	2,5mm & 5mm	4.50
3100417	BT40BHPMC125472	1 1/4	2.76	4.72	2.28	.79	PSW68M	MCSS16040M	2,5mm & 5mm	6.10

NOTE: Milling chuck technical section, see page M88.

Supplied with locknut and stop screw.

Locknut wrench not included.

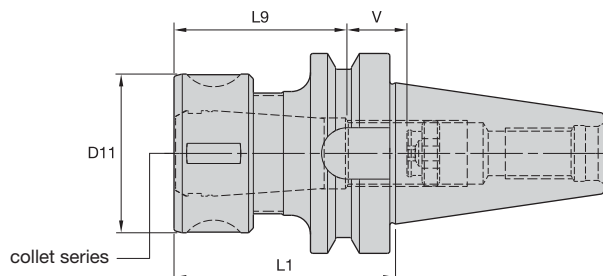
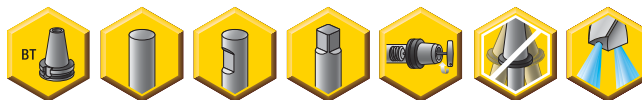
Optional M6~1,0P fine-balancing screw set is available (order number HPMCBALSCREWSET) and must be ordered separately; see page L14.

Reduction sleeves are available and must be ordered separately; see page J6.

For retention knobs, see page L45.

Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm

- Tremendous Grip (3:1 advantage).



TG collet series	Collet Capacity			
	mm	inch	min	max
TG75	2,6	20,0	3/64	3/4
TG100	2,6	25,5	5/64	1
TG150	11,6	40,0	23/64	1 1/2

ERICKSON™

■ TG Round-BT Form AD



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size stop screw	kg
1156366	BT40TG075070M	TG75	50	70	54	27	LNA075M	HSW45M	136	SS081041G	4mm & 5/32	1,24
1156367	BT40TG100080M	TG100	60	80	70	13	LNA100M	HSW58M	203	SS112041G	4mm & 5/32	1,44
1191754	BT40TG100100M	TG100	60	100	70	33	LNA100M	HSW58M	203	SS112041G	4mm & 5/32	1,63
1191755	BT40TG100150M	TG100	60	150	70	83	LNA100M	HSW58M	203	SS112041G	4mm & 5/32	2,11
1191756	BT40TG150110M	TG150	85	110	86	20	LNA150M	HSW80M	271	SS112041G	4mm & 5/32	2,46

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.

Collet chuck technical section, see page M98.

Supplied with locknut and stop screw.

Locknut wrench must be ordered separately.

Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.

Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.

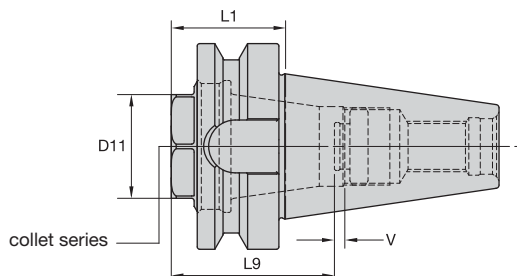
Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.

TG standard straight-bore collets, see page J10.

TG tap collets, see page J10.

For retention knobs, see page L45.

- Grip (2:1 advantage).



ER collet series	Collet Capacity		mm		inch	
	min	max	min	max	min	max
ER32	2,0	20,0	.08	.81		

BT40 Shank Tools

ERICKSON

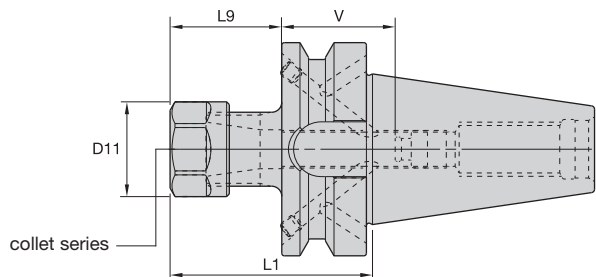
■ ER Short-BT Form AD



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size stop screw	kg
2978765	BT40SER32035M	ER32	36	35	50	6	LNECSER32M	OEWS32M	136	SS094041G	4mm & 5/32	0,75

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 ER standard straight-bore collets, see pages J58–J59.
 ER tap collets, see pages J58–J59.
 ER TCT tension-only tap collets, see page J60.
 For retention knobs, see page L45.

- Grip (2:1 advantage).



ERICKSON

■ ER Hex-BT Form B/AD

ER collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
ER16	0,5	10,0	.02	.41
ER20	0,5	13,0	.02	.50
ER25	1,0	16,0	.04	.63
ER32	2,0	20,0	.08	.81
ER40	3,0	26,0	.12	1.00

order number	catalog number	collet series	D11	L1	L9	V	kg
1315660	BT40BER16060M	ER16	28	60	32	39	1,03
1623345	BT40BER16120M	ER16	28	120	32	48	1,27
3847461	BT40BER16150M	ER16	28	150	32	48	1,39
3847462	BT40BER20060M	ER20	34	60	37	38	1,04
3847513	BT40BER20120M	ER20	34	120	37	63	1,41
3847514	BT40BER20150M	ER20	34	150	37	63	1,59

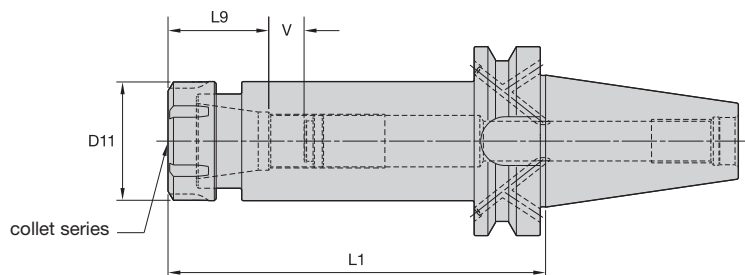
■ Spare Parts



catalog number	locknut	wrench	counterbore collet torque (Nm)	straight collet torque (Nm)	stop screw	wrench size stop screw
BT40BER16060M	LNHSER16M	OEW25M	40	56	SS044038G	4mm & 5/32
BT40BER16120M	LNHSER16M	OEW25M	40	56	SS044038G	4mm & 5/32
BT40BER16150M	LNHSER16M	OEW25M	40	56	SS044038G	4mm & 5/32
BT40BER20060M	LNHSER20M	OEW30M	32	80	SS056041G	4mm & 5/32
BT40BER20120M	LNHSER20M	OEW30M	32	80	SS056041G	4mm & 5/32
BT40BER20150M	LNHSER20M	OEW30M	32	80	SS056041G	4mm & 5/32

(continued)

(continued ER BT Form B/AD)



ER Round-BT Form B/AD

order number	catalog number	collet series	D11	L1	L9	V	kg
1718315	BT40BER25070M	ER25	42	70	40	38	1,15
1610709	BT40BER25120M	ER25	42	120	40	60	1,61
3798342	BT40BER25150M	ER25	42	150	40	60	1,90
1538985	BT40BER32070M	ER32	50	70	46	40	1,15
1538986	BT40BER32120M	ER32	50	120	46	54	1,82
3798343	BT40BER32150M	ER32	50	150	46	54	2,26
1871535	BT40BER40080M	ER40	63	80	52	28	1,37
1871538	BT40BER40120M	ER40	63	120	52	33	2,29

Spare Parts



catalog number	locknut	wrench	counterbore collet torque (Nm)	stop screw	wrench size stop screw
BT40BER25070M	LNSER25M	ER25WM	104	SS075041G	4mm & 5/32
BT40BER25120M	LNSER25M	ER25WM	104	SS075041G	4mm & 5/32
BT40BER25150M	LNSER25M	ER25WM	104	SS075041G	4mm & 5/32
BT40BER32070M	LNSER32M	ER32WM	136	SS094041G	4mm & 5/32
BT40BER32120M	LNSER32M	ER32WM	136	SS094041G	4mm & 5/32
BT40BER32150M	LNSER32M	ER32WM	136	SS094041G	4mm & 5/32
BT40BER40080M	LNSER40M	ER40WM	176	SS112041G	4mm & 5/32
BT40BER40120M	LNSER40M	ER40WM	176	SS112041G	4mm & 5/32

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
ER standard straight-bore collets, see page J50.
ER tap collets, see pages J58-J59.
ER TCT tension-only tap collets, see page J60.
For retention knobs, see page L45.

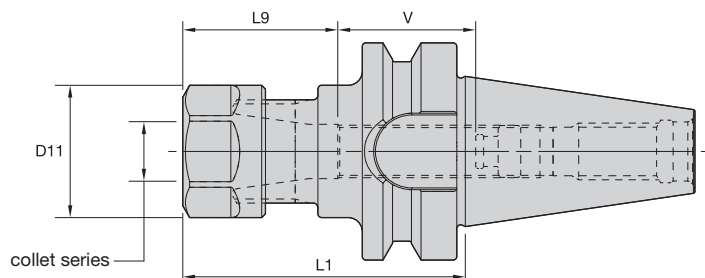
Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm

BT40 Shank Tools

DA 08 Series Double-Angle Collet Chucks



- Grip 1:1.



ERICKSON™

■ DA Hex-BT form AD

DA collet series	Collet Capacity		mm		inch	
	min	max	min	max	min	max
DA200	0,2	10	1/64	25/64		
DA100	1,8	14	1/64	9/16		

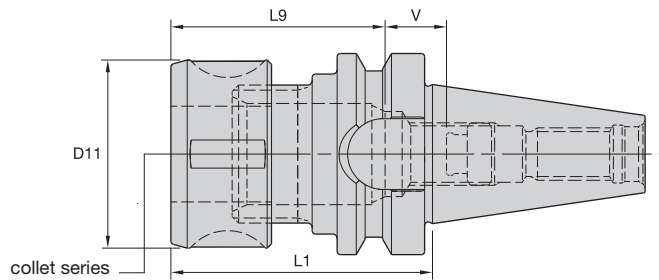
order number	catalog number	collet series	D11	L1	L9	V	lbs
1191725	BT40DA208070M	DA200	1.08	2.76	1.50	1.26	2.20
1191722	BT40DA108070M	DA100	1.44	2.76	1.77	1.10	2.20

■ Spare Parts

catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
BT40DA108070M	LNA108M	OEWS32M	55	SS056041G	4mm & 5/32
BT40DA208070M	LNA208M	OEWS24M	44	SS038031G	2mm & 5/64

(continued)

(DA BT Form AD continued))



BT40 Shank Tools

■ DA Round-BT form AD

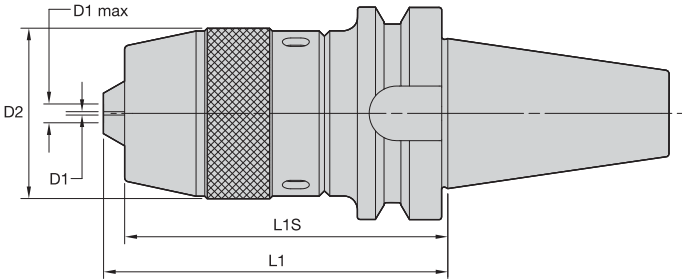
order number	catalog number	collet series	D11	L1	L9	V	lbs
1191723	BT40DA188070M	DA180	1.69	2.76	1.89	1.30	2.65
1258159	BT40DA188100M	DA180	1.69	3.94	1.89	2.05	3.09
1191724	BT40DA188150M	DA180	1.69	5.91	1.97	1.77	3.75

■ Spare Parts



catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
BT40DA188070M	LNA188M	HSW45M	100	SS081041G	4mm & 5/32
BT40DA188100M	LNA188M	HSW45M	100	SS081041G	4mm & 5/32
BT40DA188150M	LNA188M	HSW45M	100	SS081041G	4mm & 5/32

NOTE: For retention tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.



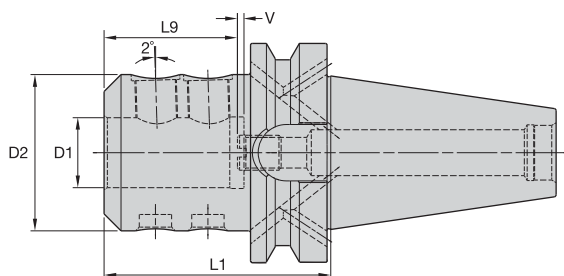
BT40 Shank Tools

■ DC-BT Form A



order number	catalog number	D1		D1 max		D2	L1	L1S	locknut wrench	Nm	kg
		mm	in	mm	in						
3583293	BT40DC13096M	1,0	.039	13,0	.512	51	108	96	PSW45M	55	1,74

NOTE: Tighten to the recommended tightening torque.
Locknut wrench not supplied.
For retention knobs, see page L45.



ERICKSON

■ WN MM-BT Form B/AD



order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	Nm	stop screw	wrench size stop screw	kg
1126481	BT40BWN06050M	6	25	50	30	10	SS03M012	3mm	7	571.060	2,5mm	1,03
1126482	BT40BWN08050M	8	28	50	30	10	SS03M014	4mm	15	571.067	3mm	1,04
1126850	BT40BWN10063M	10	35	63	35	10	SS03M018	5mm	25	571.068	4mm	1,18
1126483	BT40BWN12063M	12	42	63	40	10	SS03M023	6mm	35	571.074	5mm	1,26
1126844	BT40BWN14063M	14	44	63	40	10	SS03M023	6mm	35	571.074	5mm	1,28
1126845	BT40BWN16063M	16	48	63	43	10	SS03M025	6mm	50	571.075	6mm	1,34
1126846	BT40BWN18063M	18	50	63	43	10	SS03M025	6mm	50	571.075	6mm	1,36
1126847	BT40BWN20063M	20	52	63	45	10	SS03M026	8mm	95	571.076	6mm	1,37
1126848	BT40BWN25090M	25	65	90	55	10	SS03M027	10mm	135	571.077	6mm	2,21
1126849	BT40BWN32100M	32	72	100	54	10	SS03M029	10mm	160	571.077	6mm	2,63

NOTE: Do not overtighten lock screw; use torque recommendations above.

Supplied with lock screw and stop screw.

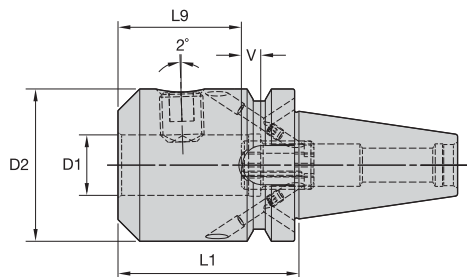
Lock screw or stop screw wrenches not included.

For retention knobs, see page L45.

Form AD					
Form B					
	40	(2x) MS2221S	2,5mm		
	50	(2x) MS1296S	3mm		

BT40 Shank Tools

Whistle Notch™ Adapters Short • Whistle Notch Tap Chuck Adapters Short TA



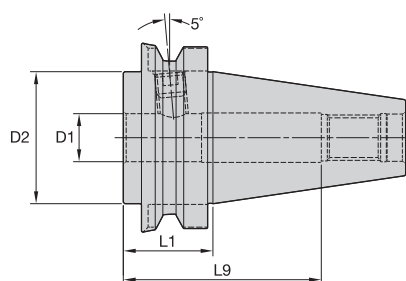
ERICKSON™

■ SWN MM-BT Form B/AD

order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	stop screw	wrench size stop screw	Nm	kg
1126479	BT40BSWN25075M	25	65	75	44	15	SS03M027	10mm	571.066	10mm	135	1,90
1126480	BT40BSWN32075M	32	72	75	46	17	SS03M029	10mm	571.066	10mm	160	1,98

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrenches not included.
For retention knobs, see page L45.

Form AD					
Form B					
	40	(2x) MS2221S	2,5mm		
	50	(2x) MS1296S	3mm		

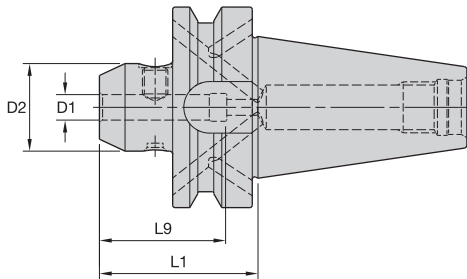


ERICKSON™

■ SWN IN-BT Form AD (Tap Chuck Adapter)

order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1017937	BT40TA1106	1	2.48	1.06	2.50	ELS038031PKG	3/16	15	1.79

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.
For retention knobs, see page L45.



ERICKSON

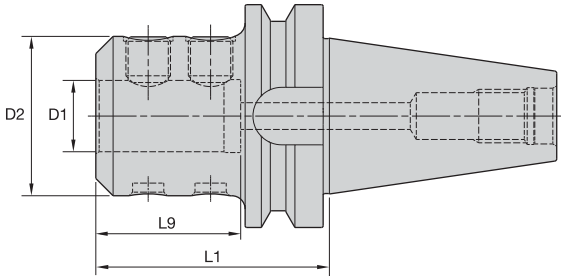
■ EM MM-BT Form B/AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	Nm	kg
1126851	BT40BEM06050M	6	25	50	40	SS03M012	3mm	7	1,02
1126852	BT40BEM08050M	8	28	50	40	SS03M014	4mm	15	1,03
1126853	BT40BEM10063M	10	35	63	45	SS03M018	5mm	25	1,17
1127275	BT40BEM12063M	12	42	63	50	SS03M023	6mm	35	1,26
1126914	BT40BEM14063M	14	44	63	50	SS03M023	6mm	35	1,28
1126915	BT40BEM16063M	16	48	63	53	SS03M025	6mm	50	1,33
1126916	BT40BEM18063M	18	50	63	53	SS03M025	6mm	50	1,35
1126917	BT40BEM20063M	20	52	63	55	SS03M026	8mm	95	1,36
1126478	BT40BEM25090M	25	65	90	60	SS03M027	10mm	135	2,24

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw.
 Lock screw wrench not included.
 For retention knobs, see page L45.

Form AD					
Form B					
			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

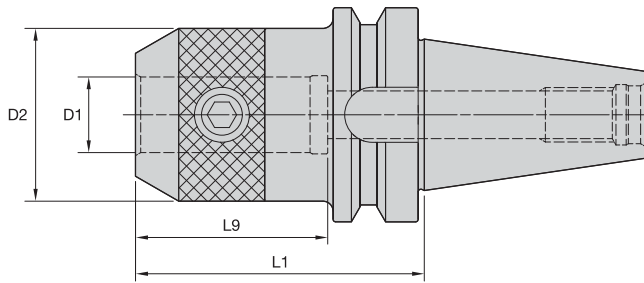
■ EM MM-BT Form AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	Nm	kg
1156359	BT40EM32110M	32	72	110	65	SS03M029	10mm	160	2,91

(continued)

(EM BT Form AD continued)

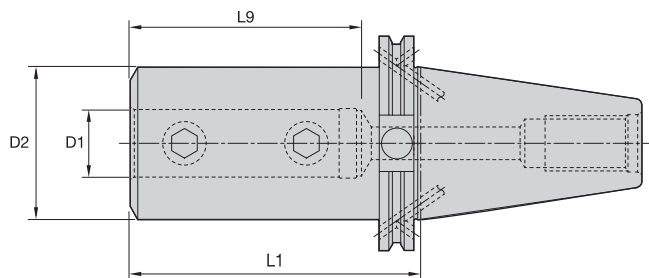


■ EM IN-BT Form AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1258164	BT40EM025255	1/4	1.00	2.55	3.93	ELS025025PKG	1/8	5	2.35
1258165	BT40EM031255	5/16	1.00	2.55	3.93	ELS031031PKG	5/32	11	2.35
1258166	BT40EM038255	3/8	1.00	2.55	3.93	ELS038031PKG	3/16	15	2.32
1026620	BT40EM050255	1/2	1.38	2.55	3.93	ELS044038PKG	7/32	20	2.52
1064863	BT40EM050400	1/2	1.38	4.00	5.38	ELS044038PKG	7/32	20	3.03
1258176	BT40EM062255	5/8	1.63	2.55	2.09	ELS056050PKG	1/4	40	2.69
1084589	BT40EM075150	3/4	1.68	1.50	2.22	ELS062050PKG	5/16	70	2.08
1258177	BT40EM075255	3/4	1.75	2.55	2.22	ELS062050PKG	5/16	70	2.73
1258184	BT40EM088335	7/8	2.00	3.35	2.22	ELS062050PKG	5/16	70	3.58
1084590	BT40EM100162	1	2.04	1.63	2.46	DWG ELS075044	3/8	110	2.00
1150875	BT40EM100374	1	2.00	3.74	2.56	ELS075056PKG	3/8	110	3.73
1064864	BT40EM100500	1	2.00	5.00	4.49	ELS075056PKG	3/8	110	4.42
1084591	BT40EM125250	1 1/4	2.46	2.50	2.51	ELS075062PKG	3/8	110	3.05
1258194	BT40EM125335	1 1/4	2.40	3.35	2.51	ELS075056PKG	3/8	110	3.95

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw.
 Lock screw wrench not included.
 For retention knobs, see page L45.



ERICKSON

■ SSF IN-BT Form B/AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1749289	BT40BSSF075325	3/4	1.75	3.25	2.25	ELS062050PKG	5/16	70	3.22
1749290	BT40BSSF100425	1	1.97	4.25	3.25	DWG ELS075050	3/8	110	4.01
1749292	BT40BSSF125500	1 1/4	2.50	5.00	3.50	ELS075056PKG	3/8	110	5.83

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



KM MicroTM Quick Change Tooling System

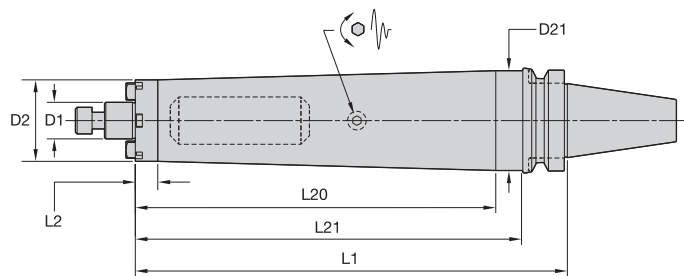
A smaller, more compact version of the internationally renowned KMTM system.

- Quick-change cutter heads reduce indexing and set-up times by 66%.
- Specially designed for use with automatic and smaller universal lathes.
- Unique flange attachment system increases machine tool capacity.
- KM Micro square shank adapters can be installed quickly and easily in existing tool block adapters.

Experience the advantages at your Authorized Kennametal Distributor or at www.kennametal.com.

www.kennametal.com

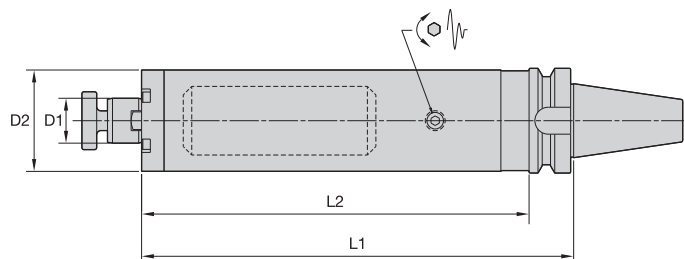




ERICKSON

■ SMC TD Cap MM-BT Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L20	L21	lock screw	drive key	wrench size lock screw	kg
4135487	BT40BTDSMC22260M	22	49	60	260	14	217	233	MS1234	KDK22M	8mm	5,06



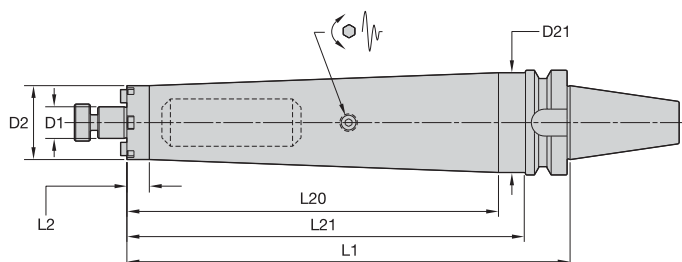
■ SMC TD Lock MM-BT Form B/AD

order number	catalog number	D1	D2	L1	L2	socket-head cap screw	drive key	wrench size retention screw	Nm	kg
4135488	BT40BTDSMC27260M	27	61	260	233	KLSS27M	—	10mm	—	5,96

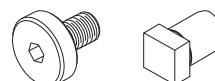


(continued)

(SMC TD BT Form B/AD continued)



■ SMC TD Lock IN-BT Form B/AD



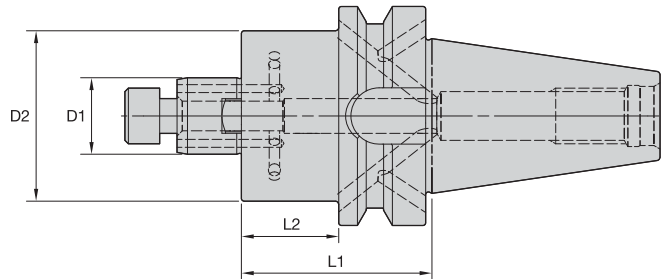
order number	catalog number	D1	D2	D21	L1	L2	L20	L21	lock screw	drive key	wrench size lock screw	lbs
4135489	BT40BTDSMC0751050	3/4	1.75	2.36	10.50	.53	8.80	9.44	KLS07	KDK05	1/4	10.67
4135490	BT40BTDSMC1001050	1	2.75	—	10.50	10.50	—	—	KLS10	KDK06	5/16	16.86

NOTE: Do not overtighten lock screw.
 Supplied with lock screw and drive keys.
 Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.
 Lock screw wrench not included.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

BT40 Shank Tools

Shell Mill Adapters with Through Coolant



ERICKSON

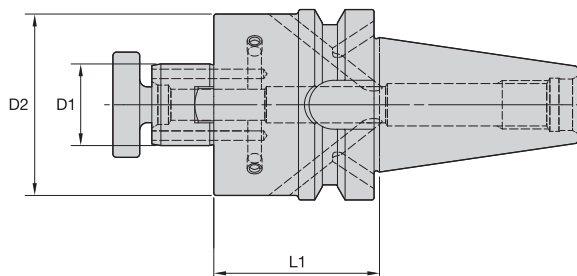
■ SMC Cap MM-BT Form B/AD



order number	catalog number	D1	D2	L1	L2	lock screw	drive key	wrench size lock screw	kg
3752232	BT40BSM2C16050M	16	38	50	23	MS1294	KDK16M	6mm	1,16
3752234	BT40BSM2C16075M	16	38	75	48	MS1294	KDK16M	6mm	1,35
3752236	BT40BSM2C16100M	16	38	100	73	MS1294	KDK16M	6mm	1,55
3752231	BT40BSMC16050M	16	44	50	23	MS1294	KDK16M	6mm	1,23
3752233	BT40BSMC16075M	16	44	75	48	MS1294	KDK16M	6mm	1,50
3752235	BT40BSMC16100M	16	44	100	73	MS1294	KDK16M	6mm	1,77
3752238	BT40BSM2C22055M	22	42	55	28	MS1234	—	8mm	1,30
3752241	BT40BSM2C22100M	22	42	100	73	MS1234	—	8mm	1,75
3752243	BT40BSM2C22150M	22	42	150	123	MS1234	—	8mm	2,26
3752237	BT40BSMC22055M	22	49	55	28	MS1234	KDK22M	8mm	1,41
3752239	BT40BSMC22100M	22	49	100	73	MS1234	KDK22M	8mm	2,03
3752242	BT40BSMC22150M	22	49	150	123	MS1234	KDK22M	8mm	2,74

(continued)

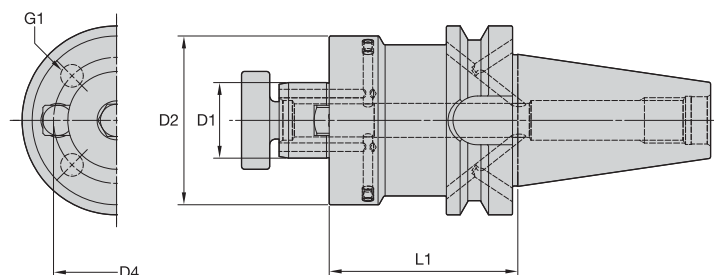
(SMC BT Form B/AD continued)



■ SMC Lock MM-BT Form B/AD



order number	catalog number	D1	D2	L1	lock screw	drive key	wrench size lock screw	kg
3752244	BT40BSMC27055M	27	60	55	KLSS27M	KDK22M	10mm	2
3752245	BT40BSMC27100M	27	60	100	KLSS27M	KDK22M	10mm	3
3752246	BT40BSMC27150M	27	60	150	KLSS27M	KDK22M	10mm	4
3752247	BT40BSMC32060M	32	78	60	KLSS32M	KDK32M	14mm	2
3752248	BT40BSMC32100M	32	78	100	KLSS32M	KDK32M	14mm	3



■ SMC DIR MM-BT Form B/AD

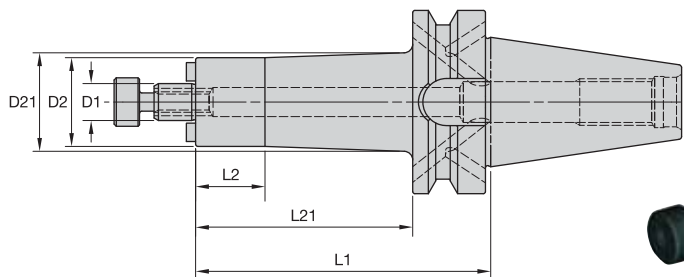


order number	catalog number	D1	D2	L1	G1	D4	lock screw	drive key	wrench size lock screw	kg
3752249	BT40BSMC40060M	40	89	60	M12 X 1.75	66,7	KLSS40M	KDK40M	17mm	3
3752250	BT40BSMC40100M	40	89	100	M12 X 1.75	66,7	KLSS40M	KDK40M	17mm	4

(continued)

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

(SMC BT Form B/AD continued)



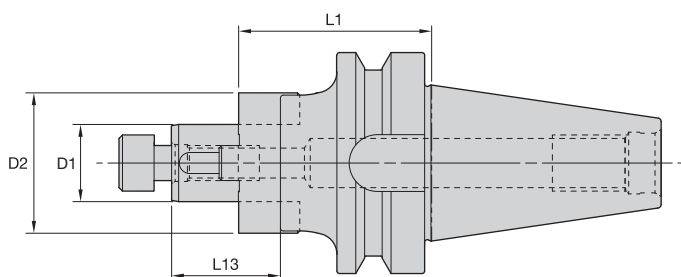
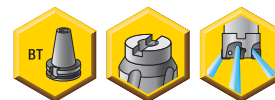
■ SMC Lock IN-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L21	lock screw	drive key	wrench size lock screw	lbs
3648655	BT40BSM2C050177	1/2	1.20	—	1.77	.71	—	KLS05	KDK04	3/16	2.36
3648657	BT40BSM2C050400	1/2	1.20	1.34	4.00	.94	2.94	KLS05	KDK04	3/16	3.05
3648654	BT40BSMC050177	1/2	1.44	—	1.77	.71	—	KLS05	KDK04	3/16	2.41
3648656	BT40BSMC050400	1/2	1.44	1.58	4.00	.94	2.94	KLS05	KDK04	3/16	3.42
3648659	BT40BSM2C075177	3/4	1.46	—	1.77	.71	—	KLS07	—	1/4	2.47
3648662	BT40BSM2C075400	3/4	1.46	—	4.00	2.94	—	KLS07	—	1/4	3.39
3648658	BT40BSMC075177	3/4	1.75	—	1.77	.71	—	KLS07	KDK05	1/4	2.62
3648661	BT40BSMC075400	3/4	1.75	—	4.00	2.94	—	KLS07	KDK05	1/4	3.99
3648663	BT40BSMC075600	3/4	1.75	—	6.00	4.94	—	KLS07	KDK05	1/4	5.22
3648665	BT40BSM2C100177	1	2.19	—	1.77	.71	—	KLS10	KDK06	5/16	3.00
3648667	BT40BSM2C100400	1	2.19	—	4.00	2.94	—	KLS10	KDK06	5/16	5.30
3648664	BT40BSMC100177	1	2.75	—	1.77	1.77	—	KLS10	KDK06	5/16	3.31
3648666	BT40BSMC100400	1	2.75	—	4.00	4.00	—	KLS10	KDK06	5/16	6.09
3648668	BT40BSMC100600	1	2.75	—	6.00	6.00	—	KLS10	KDK06	5/16	8.50
3648669	BT40BSMC125236	1 1/4	2.88	—	2.36	2.36	—	KLS12	KDK08	5/16	4.41
3648670	BT40BSMC125500	1 1/4	2.88	—	5.00	5.00	—	KLS12	KDK08	5/16	7.65
3648671	BT40BSMC150236	1 1/2	3.63	—	2.36	2.36	—	KLS15	KDK10	3/8	5.59
3648672	BT40BSMC150500	1 1/2	3.81	—	5.00	5.00	—	KLS15	KDK10	3/8	9.11

NOTE: Do not overtighten lock screw.
 Supplied with lock screw and drive keys.
 Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.
 Lock screw wrench not included.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

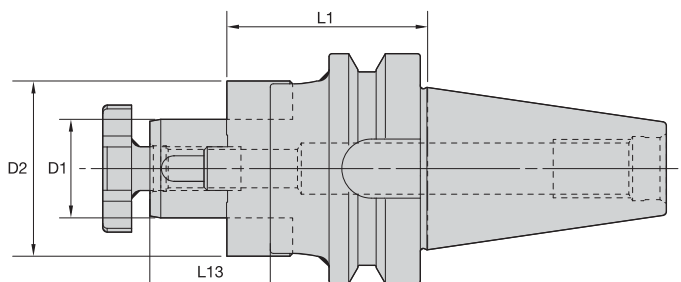


ERICKSON

■ CS MM-BT Form AD



order number	catalog number	D1	D2	L1	L13	lock screw	wrench size lock screw	combi driver ring	combi drive key	kg
1191713	BT40CS16055M	16	32	55	27	MS1294	6mm	CDR16M	CDK16M	1,15
1191714	BT40CS16100M	16	32	100	27	MS1294	6mm	CDR16M	CDK16M	1,41
1191715	BT40CS22055M	22	40	55	31	MS1234	8mm	CDR22M	CDK22M	1,28
1191716	BT40CS22150M	22	40	150	31	MS1234	8mm	CDR22M	CDK22M	2,16

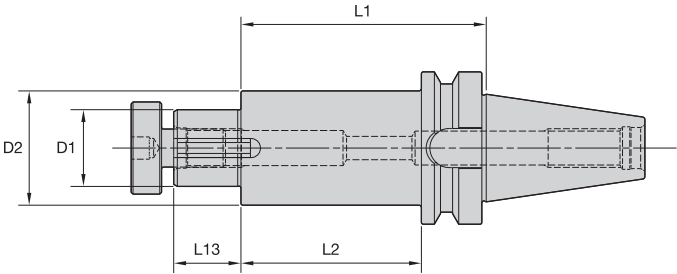


■ CS Lock MM-BT Form AD



order number	catalog number	D1	D2	L1	L13	lock screw	lock screw wrench	combi driver ring	combi drive key	kg
1191717	BT40CS27055M	27	48	55	33	KLS27MPKG	SMW27M	CDR27M	CDK27M	1,47
1191718	BT40CS27150M	27	48	150	33	KLS27MPKG	SMW27M	CDR27M	CDK27M	2,73
1191719	BT40CS32060M	32	58	60	38	KLS32M	SMW32M	CDR32M	CDK32M	1,80
1191720	BT40CS32150M	32	58	150	38	KLS32M	SMW32M	CDR32M	CDK32M	3,62
1191721	BT40CS40080M	40	70	80	41	KLS40M	SMW40M	CDR40M	CDK40M	2,75

NOTE: Do not overtighten lock screw.
 Supplied with lock screw, combi drive ring, and drive keys.
 Lock screw wrench not included.
 For retention knobs, see page L45.



BT40 Shank Tools

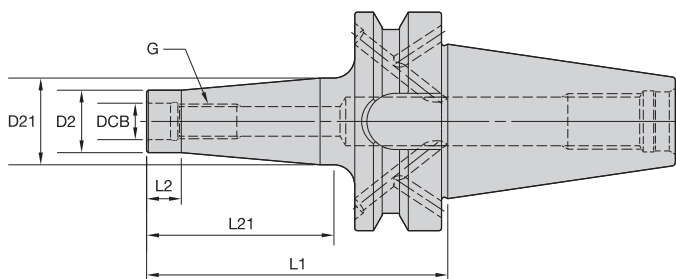
ERICKSON™

■ SA IN-BT Form AD



order number	catalog number	D1	D2	L1	L13	L2	lock screw	wrench size lock screw	drive key	lbs
1026219	BT40SA100400	1	1.61	4.00	.94	2.94	KLS10	5/16	DWG SDK100106	3.99
1026220	BT40SA125400	1 1/4	1.86	4.00	1.09	2.94	KLS12	5/16	DWG SDK125119	4.86

NOTE: Do not overtighten lock screw.
Supplied with lock screw and drive key.
Lock screw wrench not included.
For retention knobs, see page L45.
Interchangeable coolant style lock screws are available and must be ordered separately; see page L38.



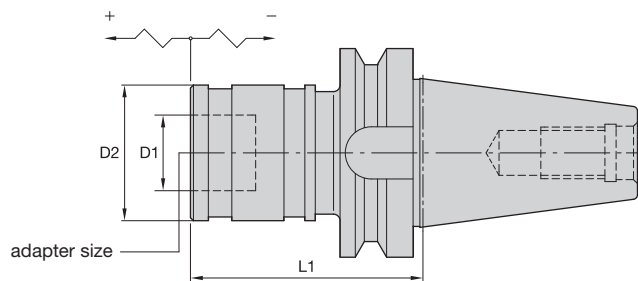
ERICKSON

■ ST-BT Form B/AD

order number	catalog number	DCB	G	D2	D21	L1	L2	L21	kg
4066159	BT40BST06047M	6,5	M6	10	—	47	14	—	0,94
4066160	BT40BST06067M	6,5	M6	10	13	67	10	34	0,96
4066161	BT40BST06087M	6,5	M6	10	20	87	10	54	1,01
4066162	BT40BST06107M	6,5	M6	10	23	107	10	74	1,06
4066303	BT40BST08047M	8,5	M8	13	—	47	14	—	0,95
4066304	BT40BST08067M	8,5	M8	13	15	67	10	34	0,99
4066305	BT40BST08087M	8,5	M8	13	23	87	10	54	1,04
4066306	BT40BST08107M	8,5	M8	13	23	107	10	74	1,07
4066307	BT40BST10047M	10,5	M10	18	—	47	14	—	0,98
4066308	BT40BST10067M	10,5	M10	18	20	67	10	34	1,02
4066309	BT40BST10087M	10,5	M10	18	25	87	10	54	1,07
4066310	BT40BST10107M	10,5	M10	18	28	107	10	74	1,20
4066311	BT40BST12047M	12,5	M12	21	—	47	14	—	0,98
4066312	BT40BST12067M	12,5	M12	21	24	67	10	34	1,04
4066313	BT40BST12087M	12,5	M12	21	24	87	10	54	1,10
4066314	BT40BST12107M	12,5	M12	21	31	107	10	74	1,25
4066315	BT40BST12127M	12,5	M12	21	31	127	10	94	1,32
4066316	BT40BST16047M	17,0	M16	29	—	47	14	—	1,01
4066317	BT40BST16067M	17,0	M16	29	—	67	34	—	1,10
4066318	BT40BST16087M	17,0	M16	29	34	87	10	54	1,25
4066319	BT40BST16107M	17,0	M16	29	34	107	10	74	1,36
4066320	BT40BST16127M	17,0	M16	29	39	127	10	94	1,58

NOTE: For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

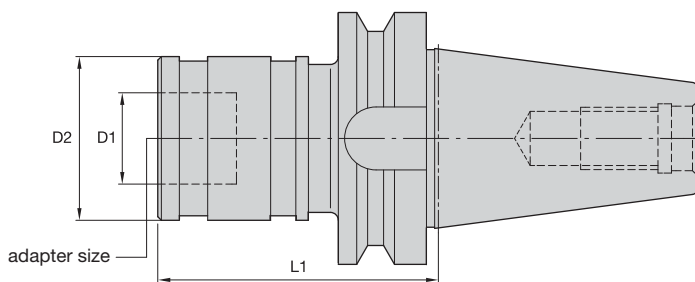


ERICKSON

RC-BT Form A

order number	catalog number	adapter size	tap size		D1	D2	L1	tension	compression	kg
			mm	in						
1125829	BT40RC1067M	1	M1 - M14	#0 - 9/16	19	36	67	7,5	7,5	2,00
1125812	BT40RC2094M	2	M5 - M24	5/16 - 7/8	31	53	94	12,5	12,5	2,20

NOTE: Quick-change tap adapters are available and must be ordered separately; see page J76.
For retention knobs, see page L45.

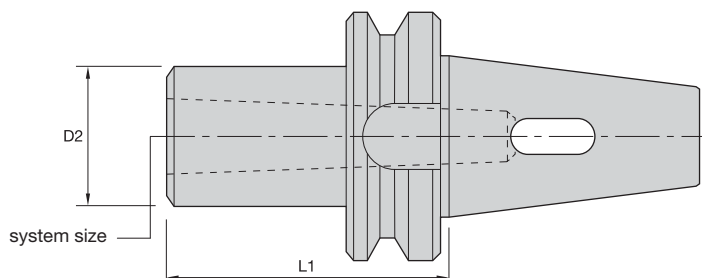


ERICKSON

STRC-BT Form A

order number	catalog number	adapter size	tap size		D1	D2	L1	kg
			mm	in				
1778911	BT40STRC1074M	1	M1 - M14	#0 - 9/16	19	36	74	1,40
1778973	BT40STRC2089M	2	M5 - M24	5/16 - 7/8	31	53	89	1,70

NOTE: Quick-change tap adapters are available and must be ordered separately; see page J76.
For retention knobs, see page L45.

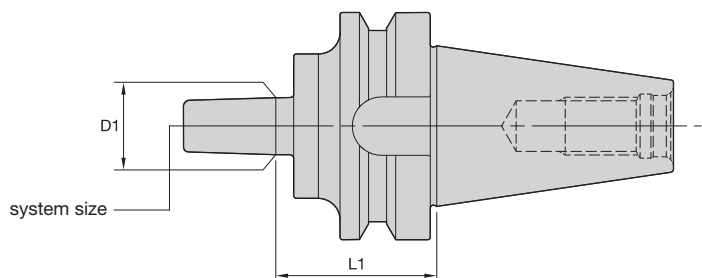


ERICKSON

■ MT-BT Form A

order number	catalog number	system size	D2	L1	kg
1156364	BT40MT1050M	1	25	50	1,01
1191735	BT40MT2050M	2	32	50	1,06
1191736	BT40MT3070M	3	40	70	1,13
1191737	BT40MT4095M	4	48	95	1,33

NOTE: For retention knobs; see page L45.



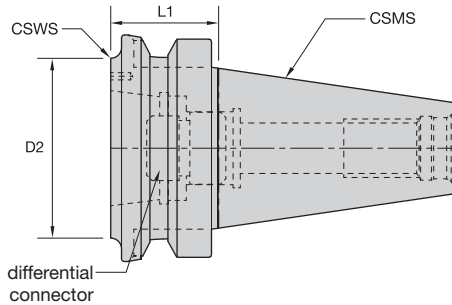
ERICKSON

■ JT-BT Form A

order number	catalog number	system size	D1	L1	kg
1156363	BT40JT33045M	33	15,85	45	1,12

NOTE: For retention knobs; see page L45.

- Differential connector included.



ERICKSON™

■ BT to KR JIS B6339 Adapters AD/B • Metric



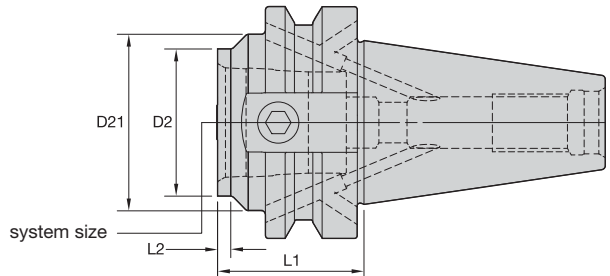
order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	kg	reference head
3554372	BT40BKR32030M	BT40	KR32	50	30	KRDCKR32M	1,20	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
3554373	BT40BKR50050M	BT40	KR50	63	50	KRDCKR50M	1,26	SVS4B,5B,SVU65,SVUBB2

■ BT to KR JIS B6339 Adapters AD/B • Inch



order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	lbs	reference head
3554372	BT40BKR32030M	BT40	KR32	1.97	1.180	KRDCKR32M	2.63	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
3554373	BT40BKR50050M	BT40	KR50	2.48	1.970	KRDCKR50M	2.80	SVS4B,5B,SVU65,SVUBB2

Form AD					
Form B					
			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON



BT40 Shank Tools

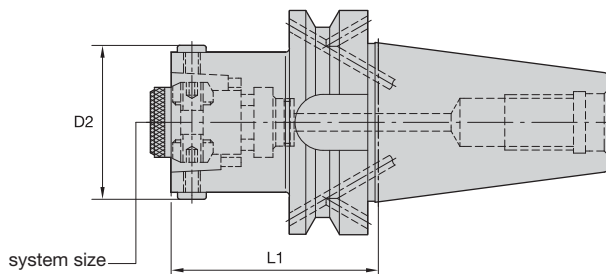
■ KM-BT Form B/AD



order number	catalog number	system size	D2	D21	L1	L2	KM spare parts package	wrench size actuation screw	Nm	kg
3783935	BT40BKM32040M	KM32	32	40	40	3	KM32PKG3L	5mm	8-11	1,01
3783945	BT40BKM32090M	KM32	32	—	90	63	KM32PKG3S	5mm	8-11	1,25
3783946	BT40BKM40040M	KM40	40	48	40	4	KM40PKG3L	6mm	12-16	1,03
3783947	BT40BKM40100M	KM40	40	—	100	73	KM40PKG3S	6mm	12-16	1,52
3783948	BT40BKM50060M	KM50	50	—	60	33	KM50PKG3S	10mm	27-34	1,26
3783949	BT40BKM50120M	KM50	50	—	120	93	KM50PKG3S	10mm	27-34	2,11

NOTE: Do not overtorque actuation screw; use torque recommendations above.
Supplied with KM actuation mechanism.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

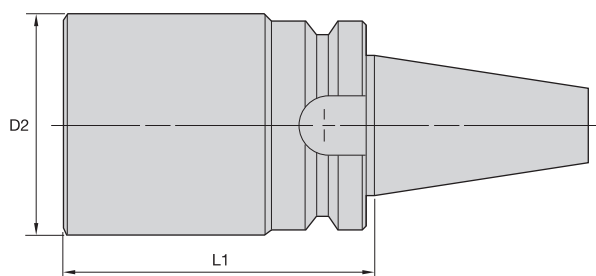
■ HSK-BT Form B/AD

order number	catalog number	system size	D2	L1	wrench size actuation screw	Nm	kg
1519684	BT40BHSK32050M	HSK32	37	50	3mm	6	1,00
1519685	BT40BHSK40060M	HSK40	45	60	3mm	8	1,10
1499750	BT40BHSK50070M	HSK50	55	70	4mm	15	1,10
1519688	BT40BHSK63075M	HSK63	70	75	5mm	20	1,40

NOTE: Do not overtorque actuation screw; use torque recommendations above.
 Supplied with actuation mechanism and sealing ring.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Machinable front 20–30 RW C.



ERICKSON

■ BB-BT Form A

order number	catalog number	D2	L1	kg
1258120	BT40BB063280M	63	280	7,12
1258122	BT40BB104200M	104	200	11,77

NOTE: For retention knobs, see page L45.



KMTM The ISO 26622 **QUICK CHANGE** Standard

KMTM Quick-Change Tooling — the ISO 26622 Standard.

- Our unique three-surface taper contact design makes this the most rigid and accurate modular quick-change tooling system available.
- It's highly versatile, too: can be fully and easily employed on your lathe, machining center, multi-spindle, or mill-turn machine — significantly reducing your tool-change and part setup downtime!

www.kennametal.com



ERICKSON™ BT V-Flange Shank Tooling System • BT50 Series

Primary Application

ERICKSON V-Flange BT Taper Tooling is manufactured from premium materials and meets or exceeds the latest JIS B 6339 specification and ISO-1947 taper accuracy of AT3 specification standards. The BT50 tools are either pre-balanced to a high specification or balanced-by-design. For high speed applications Kennametal recommends that the complete toolholder assembly (toolholder, retention knobs, collets, hardware, and cutting tools) be balanced as one entity. Exact RPM limits can only be determined by considering machine and spindle configurations in conjunction with tooling design and safety limits factored as a complete system.



BT — JIS B6339 Shank

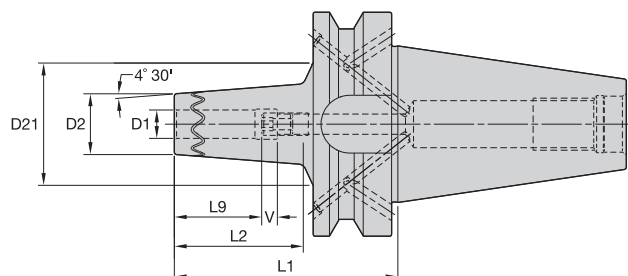
NOTE: Inherent balance conditions — all features are symmetrical.



Features and Benefits

- JIS B 6339 7/24 taper.
- Standard M24 metric drawbar thread.
- Taper accuracy of AT3 specification or better.
- All tools set to form AD coolant specification.
Many can be converted to form B style.
- Maximum 100 bar (1,500 psi) coolant pressure.

- **SAFE-LOCK™**, innovative and unique non-slip system.
- Suitable for carbide and HSS cutting tools.
- Need ≥ 10 kW shrink unit.



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013

ERICKSON™

■ **TT SF HPV MM-BT FORM B/AD**

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
5090277	BT50BSFTT12100M	12	27	55	100	62	37	10	3,98
5090278	BT50BSFTT14100M	14	33	43	100	62	37	10	4,11
5090279	BT50BSFTT16100M	16	33	43	100	62	40	10	4,08
5090280	BT50BSFTT18100M	18	45	54	100	62	40	10	4,44
5090281	BT50BSFTT20100M	20	45	54	100	62	42	10	4,39
5090282	BT50BSFTT25100M	25	45	54	100	62	48	10	4,29

Cutting Tool Shank Requirements
inch (industry standard)

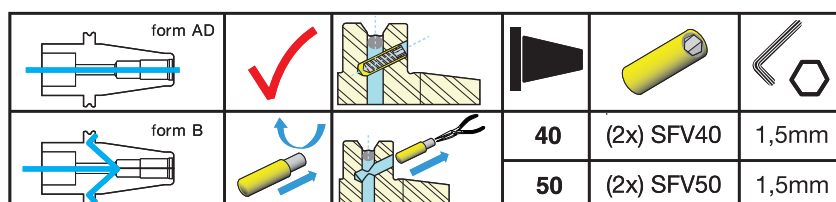
cutting tool shank diameters	tolerance
1/2 & 5/8	.0000/-0.0004
3/4, 1	.0000/-0.0005

■ **TT SF HPV IN-BT FORM B/AD**

order number	catalog number	D1	D2	D21	L1	L2	L9	V	lbs
5129965	BT50BSFTT050394	1/2	1.06	2.17	3.94	2.44	1.46	.39	8.76
5129966	BT50BSFTT062394	5/8	1.31	1.70	3.94	2.44	1.58	.39	8.99
5129967	BT50BSFTT075394	3/4	1.76	2.14	3.94	2.44	1.65	.39	9.71
5129968	BT50BSFTT100394	1	1.76	2.14	3.94	2.44	1.89	.39	9.45

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

Shrink Fit technical section, see page M78.
Shrink Fit accessories, see pages L12-L13.
HSK coolant unit and wrench are available and must be ordered separately; see page L44.



Order Information

Kennametal high-performance end mills with a shank diameter of 12mm (1/2") and larger are available with **SAFE-LOCK™** technology, as a special tool, upon request. Please contact your local customer service location to receive a quote.

Features

- Form-closed clamping.
- High accuracy clamping.
- Helical grooves.

Functions

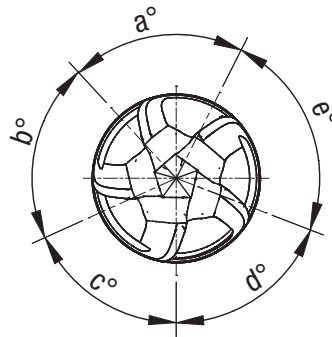
- No pull out.
- Excellent runout.
- Adjustable clamping length.

Benefits

- Reduce scrap rate.
- Higher tool life.
- No need to change NC program after regrinding.



Customized-Solution Example for Highest Metal Removal Rates



The HARVI II UDDE proprietary design with **unequal flute spacing** and unique core geometry for chatter-free machining enables slotting operations in titanium up to 1 x D.

SAFE-LOCK™ by HAIMER

The safety belt for high-performance solid carbide end mills provides a form-closed clamping with high accuracy and helical grooves for length adjustment.

To learn more, **scan here**.
For instructions on how to scan,
please see page xxxiii.

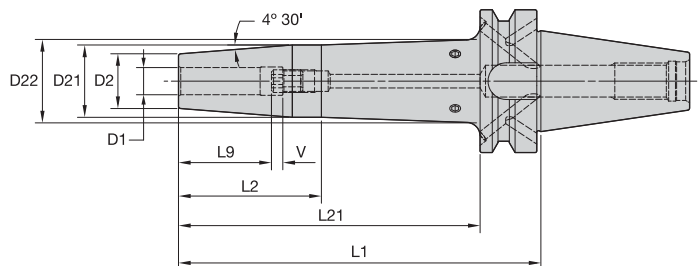
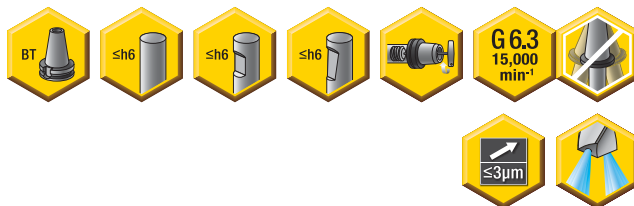


BT50 Shank Tools

Shrink Fit Toolholders General Purpose (GP)



- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide and HSS cutting tools (requirements below).



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
6	h6	0,000/-0,008
8 & 10	h6	0,000/-0,009
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON™

■ TT GP HPV MM-BT Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3782149	BT50BHPVTT06100M	6	21	27	—	100	62	—	26	10	TTSS05014M	2,5mm	3,69
3782150	BT50BHPVTT06160M	6	21	27	32	160	50	122	26	10	TTSS05014M	2,5mm	4,01
3782151	BT50BHPVTT08100M	8	21	27	—	100	62	—	26	10	TTSS06014M	3mm	3,68
3782152	BT50BHPVTT08160M	8	21	27	32	160	50	122	26	10	TTSS06014M	3mm	4,00
3782153	BT50BHPVTT10100M	10	24	32	—	100	62	—	31	10	TTSS08014M	4mm	3,75
3782154	BT50BHPVTT10160M	10	24	32	36	160	63	122	31	10	TTSS08014M	4mm	4,16
3615394	BT50BHPVTT12100M	12	24	32	—	100	63	—	36	10	TTSS10014M	5mm	3,73
3615395	BT50BHPVTT12160M	12	24	32	36	160	63	122	36	10	TTSS10014M	5mm	4,14
3615396	BT50BHPVTT14100M	14	27	34	—	100	62	—	36	10	TTSS10014M	5mm	3,78
3615397	BT50BHPVTT14160M	14	27	34	38	160	57	122	36	10	TTSS10014M	5mm	4,26
3615398	BT50BHPVTT16100M	16	27	34	—	100	62	—	39	10	TTSS12014M	6mm	3,75
3615399	BT50BHPVTT16160M	16	27	34	39	160	56	122	39	10	TTSS12014M	6mm	4,22
3615400	BT50BHPVTT18100M	18	33	41	—	100	62	—	39	10	TTSS12014M	6mm	3,90
3615401	BT50BHPVTT18160M	18	33	42	46	160	69	122	39	10	TTSS12014M	6mm	4,58
3615402	BT50BHPVTT20100M	20	33	41	—	100	62	—	41	10	TTSS16014M	8mm	3,87
3615403	BT50BHPVTT20160M	20	33	42	46	160	69	122	41	10	TTSS16014M	8mm	4,53
3615404	BT50BHPVTT25100M	25	44	52	—	100	62	—	47	10	TTSS16014M	8mm	4,15
3615405	BT50BHPVTT32100M	32	44	52	—	100	62	—	51	10	TTSS16014M	8mm	4,00

(continued)

(TT GP HPV BT Form B/AD continued)

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance
1/4, 5/16, & 3/8	.0000/- .0004
7/16, 1/2, & 5/8	.0000/- .0004
3/4, 7/8, 1, & 1-1/4	.0000/- .0005

■ TT GP HPV IN-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L21	L9	V	stop screw	wrench size stop screw	lbs
3782155	BT50BHPVTT025394	1/4	.83	1.06	3.94	2.44	—	1.02	.39	TTSS05014M	2,5mm	8.14
3782156	BT50BHPVTT025787	1/4	.83	1.06	7.87	1.97	6.38	1.02	.39	TTSS05014M	2,5mm	9.42
3782157	BT50BHPVTT031394	5/16	.83	1.06	3.94	2.44	—	1.02	.39	TTSS06014M	3mm	8.12
3782158	BT50BHPVTT031787	5/16	.83	1.06	7.87	1.97	6.38	1.02	.39	TTSS06014M	3mm	9.41
3782159	BT50BHPVTT038394	3/8	.95	1.26	3.94	2.44	—	1.22	.39	TTSS08014M	4mm	8.26
3782160	BT50BHPVTT038787	3/8	.95	1.26	7.87	2.48	6.38	1.22	.39	TTSS08014M	4mm	9.92
3782161	BT50BHPVTT044394	7/16	.95	1.26	3.94	2.44	—	1.42	.39	TTSS10014M	5mm	8.24
3615382	BT50BHPVTT050394	1/2	.95	1.26	3.94	2.44	—	1.42	.39	TTSS10014M	5mm	8.21
3615383	BT50BHPVTT050787	1/2	.95	1.26	7.87	2.48	6.38	1.42	.39	TTSS10014M	5mm	9.87
3615384	BT50BHPVTT062394	5/8	1.06	1.34	3.94	2.44	—	1.54	.39	TTSS12014M	6mm	8.28
3615385	BT50BHPVTT062787	5/8	1.06	1.34	7.87	2.20	6.38	1.54	.39	TTSS12014M	6mm	10.14
3615386	BT50BHPVTT075394	3/4	1.30	1.61	3.94	2.44	—	1.61	.39	TTSS16014M	8mm	8.55
3615387	BT50BHPVTT075787	3/4	1.30	1.65	7.87	2.72	6.38	1.61	.39	TTSS16014M	8mm	11.17
3615388	BT50BHPVTT088394	7/8	1.30	1.61	3.94	2.44	—	1.61	.39	TTSS16014M	8mm	8.46
3615389	BT50BHPVTT088787	7/8	1.30	1.65	7.87	2.72	6.38	1.61	.39	TTSS16014M	8mm	11.08
3615390	BT50BHPVTT100394	1	1.73	2.05	3.94	2.44	—	1.85	.39	TTSS16014M	8mm	9.14
3615391	BT50BHPVTT100787	1	1.73	2.08	7.87	2.72	6.38	1.85	.39	TTSS16014M	8mm	13.21
3615392	BT50BHPVTT125394	1 1/4	1.73	2.05	3.94	2.44	—	2.01	.39	TTSS16014M	8mm	8.82
3615393	BT50BHPVTT125787	1 1/4	1.73	2.08	7.87	2.72	6.38	2.01	.39	TTSS16014M	8mm	12.88

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

Supplied with stop screw.

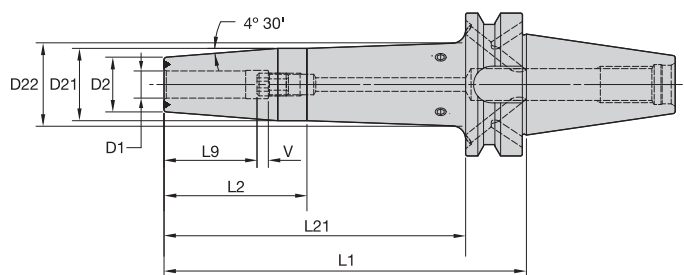
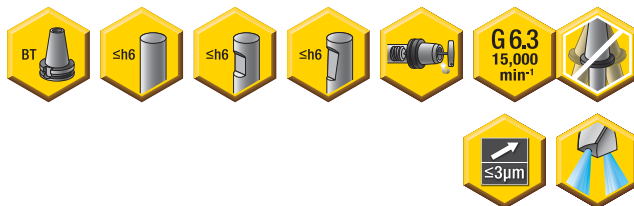
Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5mm lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.

Form AD						
Form B				40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm

- 30–50% higher clamping torque compared to GP line.
- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide only, designated by groove in front face (requirements below).
- 10 kW power or greater Shrink Fit device must be used.



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON

■ TT HT HPV MM-BT Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3615487	BT50BHPVTTH12100M	12	24	32	—	100	62	—	36	10	TTSS10014M	5mm	3,73
3615488	BT50BHPVTTH12160M	12	24	32	36	160	63	122	36	10	TTSS10014M	5mm	4,15
3615489	BT50BHPVTTH14100M	14	27	34	—	100	62	—	36	10	TTSS10014M	5mm	3,78
3615490	BT50BHPVTTH14160M	14	27	34	38	160	57	122	36	10	TTSS10014M	5mm	4,26
3615491	BT50BHPVTTH16100M	16	27	34	—	100	62	—	39	10	TTSS12014M	6mm	3,76
3615492	BT50BHPVTTH16160M	16	27	34	39	160	56	122	39	10	TTSS12014M	6mm	4,23
3615493	BT50BHPVTTH18100M	18	33	41	—	100	62	—	39	10	TTSS12014M	6mm	3,90
3615494	BT50BHPVTTH18160M	18	33	42	46	160	69	122	39	10	TTSS12014M	6mm	4,58
3615495	BT50BHPVTTH20100M	20	33	41	—	100	62	—	41	10	TTSS16014M	8mm	3,87
3615496	BT50BHPVTTH20160M	20	33	42	46	160	69	122	41	10	TTSS16014M	8mm	4,54
3615497	BT50BHPVTTH25100M	25	44	52	—	100	62	—	47	10	TTSS16014M	8mm	4,16
3615498	BT50BHPVTTH32100M	32	44	52	—	100	62	—	51	10	TTSS16014M	8mm	4,00

(continued)

(TT HT HPV BT Form B/AD continued)

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance
1/2 & 5/8	.0000/- .0004
3/4, 7/8, 1, & 1-1/4	.0000/- .0005

■ TT HT HPV IN-BT Form B/AD



BT50 Shank Tools

order number	catalog number	D1	D2	D21	L1	L2	L21	L9	V	stop screw	wrench size stop screw	lbs
3615474	BT50BHPVTTH050394	1/2	.95	1.26	3.94	2.44	—	1.42	.39	TTSS10014M	5mm	8.21
3615475	BT50BHPVTTH050787	1/2	.95	1.26	7.87	2.48	6.38	1.42	.39	TTSS10014M	5mm	9.87
3615476	BT50BHPVTTH062394	5/8	1.06	1.34	3.94	2.44	—	1.54	.39	TTSS12014M	6mm	8.28
3615477	BT50BHPVTTH062787	5/8	1.06	1.34	7.87	2.20	6.38	1.54	.39	TTSS12014M	6mm	10.14
3615479	BT50BHPVTTH075394	3/4	1.30	1.61	3.94	2.44	—	1.61	.39	TTSS16014M	8mm	8.55
3615480	BT50BHPVTTH075787	3/4	1.30	1.65	7.87	2.72	6.38	1.61	.39	TTSS16014M	8mm	11.17
3615481	BT50BHPVTTH088394	7/8	1.30	1.61	3.94	2.44	—	1.61	.39	TTSS16014M	8mm	8.46
3615482	BT50BHPVTTH088787	7/8	1.30	1.65	7.87	2.72	6.38	1.61	.39	TTSS16014M	8mm	11.08
3615483	BT50BHPVTTH100394	1	1.73	2.05	3.94	2.44	—	1.85	.39	TTSS16014M	8mm	9.14
3615484	BT50BHPVTTH100787	1	1.73	2.08	7.87	2.72	6.38	1.85	.39	TTSS16014M	8mm	13.21
3615485	BT50BHPVTTH125394	1 1/4	1.73	2.05	3.94	2.44	—	2.01	.39	TTSS16014M	8mm	8.82
3615486	BT50BHPVTTH125787	1 1/4	1.73	2.08	7.87	2.72	6.38	2.01	.39	TTSS16014M	8mm	12.88

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

Shrink Fit technical section, see page M78.

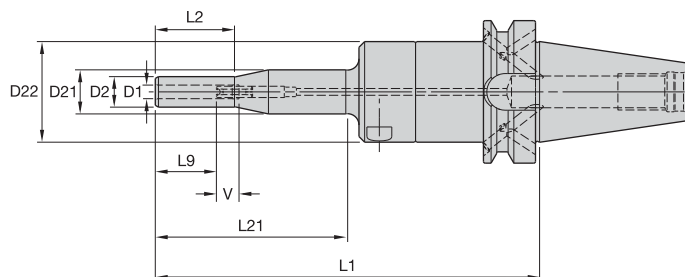
Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5mm lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.

Form AD					
Form B					
	40	(2x) MS2221S	2,5mm		
	50	(2x) MS1296S	3mm		



ERICKSON™

■ HC Slim-T MM-BT Form B/AD

order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	kg
3019242	BT50BHCSLT06200M	6	13,5	19,5	44	200	35	85	27	10	4,55
3019243	BT50BHCSLT08200M	8	15,5	19,5	44	200	35	85	27	10	4,56
3019244	BT50BHCSLT10200M	10	17,5	44,5	—	200	85	162	31	10	4,55

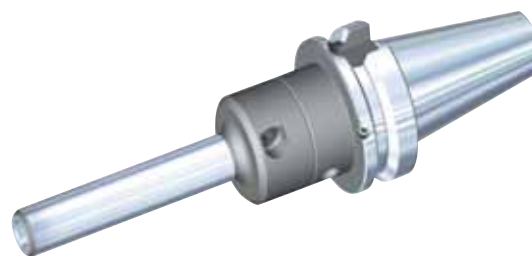
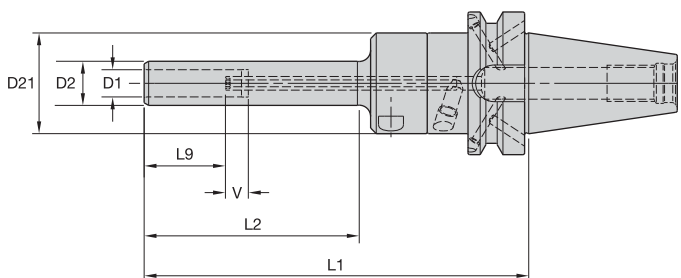
■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size adjusting screw
BT50BHCSLT06200M	170.135	5mm	170.002	2,5mm
BT50BHCSLT08200M	170.135	5mm	170.002	2,5mm
BT50BHCSLT10200M	170.135	5mm	170.003	3mm

(continued)

(HC Slim BT continued)



BT50 Shank Tools

■ HC Slim MM-BT Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
2634540	BT50BHCSL12200M	12	19,5	44,5	200	95	36	10	4,34
2634541	BT50BHCSL14200M	14	21,5	52,5	200	95	36	10	4,66
2634542	BT50BHCSL16200M	16	23,5	52,5	200	95	39	10	4,68
2634573	BT50BHCSL18200M	18	25,5	52,5	200	95	39	10	4,73
2634574	BT50BHCSL20200M	20	27,5	52,5	200	95	41	10	4,77

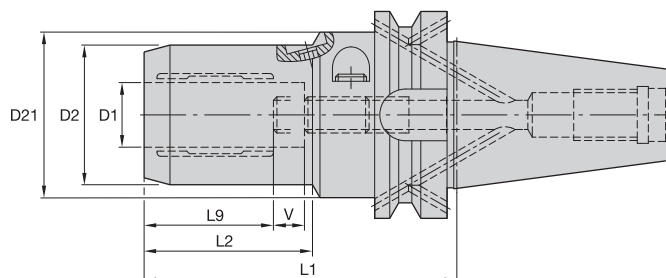
■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
BT50BHCSL12200M	170.135	5mm	170.002	2,5mm
BT50BHCSL14200M	170.135	5mm	170.002	2,5mm
BT50BHCSL16200M	170.135	5mm	170.002	2,5mm
BT50BHCSL18200M	170.135	5mm	170.002	2,5mm
BT50BHCSL20200M	170.135	5mm	170.002	2,5mm

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrenches must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

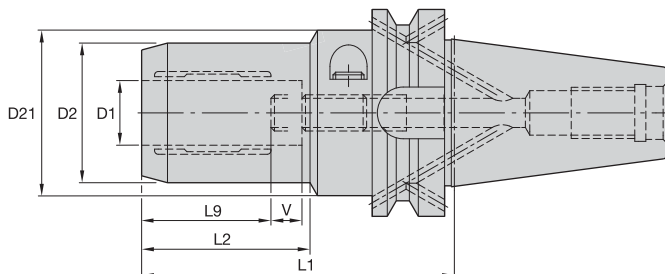
■ HC MM-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size adjusting screw	kg
1315352	BT50BHC06090M	6	25,7	50	90	33	27	10	170.135	5mm	170.002	2,5mm	2,50
1315353	BT50BHC08090M	8	27,7	50	90	34	27	10	170.135	5mm	170.002	2,5mm	2,50
1315354	BT50BHC10095M	10	29,7	50	95	39	31	10	170.135	5mm	170.002	2,5mm	2,50
1315355	BT50BHC12100M	12	31,6	50	100	45	36	10	170.135	5mm	170.002	2,5mm	2,50
1315356	BT50BHC14100M	14	33,6	50	100	42	36	10	170.135	5mm	170.003	3mm	3,00
1315357	BT50BHC16100M	16	37,6	50	100	47	39	10	170.135	5mm	170.003	3mm	3,00
1315358	BT50BHC18100M	18	39,6	50	100	47	39	10	170.135	5mm	170.003	3mm	3,00
1315359	BT50BHC20105M	20	41,6	50	105	48	41	10	170.135	5mm	170.003	3mm	3,00
1315360	BT50BHC25115M	25	49,6	63	115	51	46	10	170.136	6mm	170.004	4mm	4,00
1315778	BT50BHC32120M	32	59,9	63	120	59	50	10	170.136	6mm	170.004	4mm	4,00

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
Hydraulic chuck technical section, see page M84.
Supplied with stop screw.
Actuation wrench must be ordered separately.
Reduction sleeves are available and must be ordered separately; see page J2.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



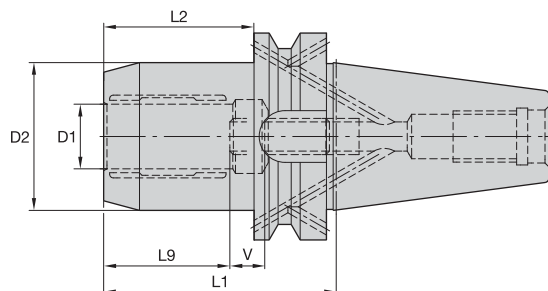
ERICKSON

■ HC Trend IN-HSK Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size adjusting screw	lbs
2263123	BT50BHCT025354	1/4	1.01	1.96	3.54	1.38	1.06	.39	170.135	5mm	170.003	3mm	8.39
2263124	BT50BHCT038374	3/8	1.17	1.96	3.74	1.50	1.22	.39	170.135	5mm	170.003	3mm	8.57
2263125	BT50BHCT050394	1/2	1.24	1.96	3.94	1.57	1.42	.39	170.135	5mm	170.003	3mm	8.70
2263126	BT50BHCT062394	5/8	1.48	1.96	3.94	1.83	1.54	.39	170.135	5mm	170.003	3mm	8.78
2263127	BT50BHCT075413	3/4	1.64	1.96	4.13	1.89	1.61	.39	170.135	5mm	170.005	5mm	9.03
2263128	BT50BHCT100453	1	1.96	2.47	4.53	2.01	1.85	.39	170.136	6mm	170.005	5mm	10.01
2263129	BT50BHCT125472	1 1/4	2.35	2.47	4.72	2.32	2.01	.39	170.136	6mm	170.005	5mm	10.66

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrench must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm



ERICKSON

■ HC Basic MM-BT Form B/AD

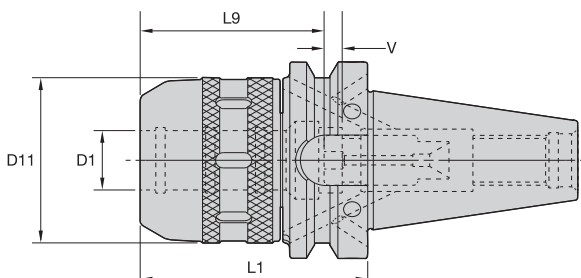
order number	catalog number	D1	D2	L1	L2	L9	V	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size adjusting screw	kg
1599688	BT50BHCB20105M	20	49,9	105	67	41	10	170.135	5mm	170.005	5mm	4,30

■ HC Basic IN-BT Form B/AD

order number	catalog number	D1	D2	L1	L2	L9	V	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size adjusting screw	lbs
2263082	BT50BHCB075413	3/4	1.96	4.13	2.64	1.61	.39	170.135	5mm	170.005	5mm	9.52

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
Hydraulic chuck technical section, see page M84.
Supplied with stop screw.
Actuation wrench must be ordered separately.
Reduction sleeves are available and must be ordered separately; see page J2.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

■ HPMC MM-BT Form B/AD

order number	catalog number	D1	D11	L1	L9	V	locknut wrench	stop screw	wrench size stop screw	kg
3578563	BT50BHPMC20105M	20	53	105	50	20	PSW52M	MCSS16040M	2,5mm & 5mm	4,40
3578564	BT50BHPMC20165M	20	53	165	50	20	PSW52M	MCSS16040M	2,5mm & 5mm	5,30
3578565	BT50BHPMC25105M	25	61	105	55	20	PSW58M	MCSS16040M	2,5mm & 5mm	4,60
3578566	BT50BHPMC25165M	25	61	165	55	20	PSW58M	MCSS16040M	2,5mm & 5mm	5,80
3578567	BT50BHPMC32105M	32	74	105	75	20	PSW68M	MCSS16040M	2,5mm & 5mm	4,90
3578568	BT50BHPMC32165M	32	74	165	75	20	PSW68M	MCSS16040M	2,5mm & 5mm	6,50

■ HPMC IN-BT Form B/AD

order number	catalog number	D1	D11	L1	L9	V	locknut wrench	stop screw	wrench size stop screw	lbs
3100418	BT50BHPMC075413	3/4	2.09	4.13	1.93	.79	PSW52M	MCSS16040M	2,5mm & 5mm	9.70
3100419	BT50BHPMC100413	1	2.40	4.13	2.17	.79	PSW58M	MCSS16040M	2,5mm & 5mm	10.20
3100420	BT50BHPMC125413	1 1/4	2.91	4.13	2.95	.79	PSW68M	MCSS16040M	2,5mm & 5mm	11.80

NOTE: Milling chuck technical section, see page M88.

Supplied with locknut and stop screw.

Locknut wrench not included.

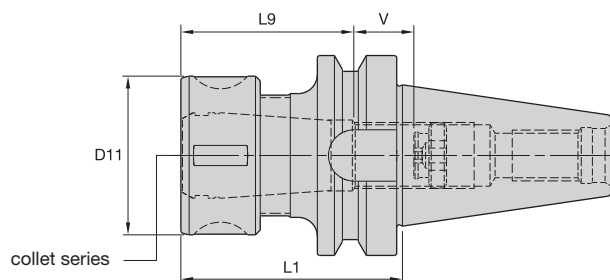
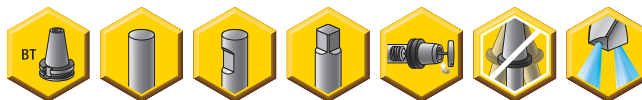
Optional M6~1,0P fine-balancing screw set is available (order number HPMCBALSCREWSET) and must be ordered separately; see page L14.

Reduction sleeves are available and must be ordered separately; see page J6.

For retention knobs, see page L45.

Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm

- Tremendous Grip (3:1 advantage).



TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG100	2,6	25,5	5/64	1
TG150	11,6	40,0	23/64	1-1/2

ERICKSON

■ TG Round-BT Form AD



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size	kg
1156372	BT50TG100090M	TG100	60	90	70	53	LNA100M	HSW58M	203	SS112041G	4mm & 5/32	3,96
1188173	BT50TG100150M	TG100	60	150	70	88	LNA100M	HSW58M	203	SS112041G	4mm & 5/32	5,11
1188172	BT50TG100200M	TG100	60	200	70	88	LNA100M	HSW58M	203	SS112041G	4mm & 5/32	6,08
1191801	BT50TG150100M	TG150	85	100	83	39	LNA150M	HSW80M	271	SS162062G	4mm & 5/32	4,42
1258570	BT50TG150150M	TG150	85	150	83	69	LNA150M	HSW80M	271	SS162062G	4mm & 5/32	6,42

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.

Collet chuck technical section, see page M98.

Supplied with locknut and stop screw.

Locknut wrench must be ordered separately.

Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.

Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.

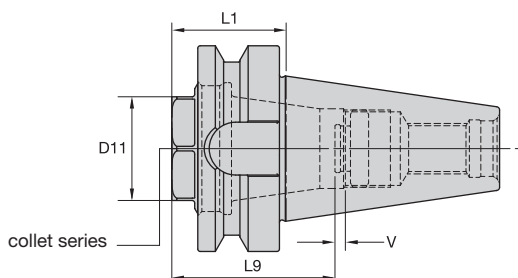
Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.

TG standard straight-bore collets, see page J10.

TG tap collets, see page J10.

For retention knobs, see page L45.

- Grip (2:1 advantage).



BT50 Shank Tools

ER collet series	Collet Capacity		mm		inch	
	min	max	min	max	min	max
ER32	2,0	20,0	.08	.81		
ER40	3,0	26,0	.12	1.00		

ERICKSON

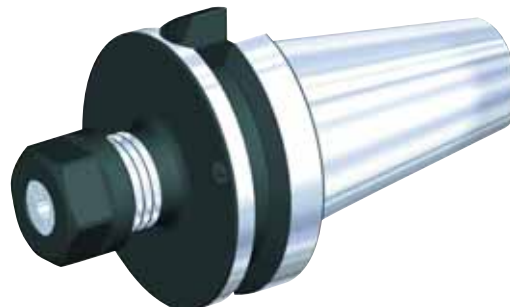
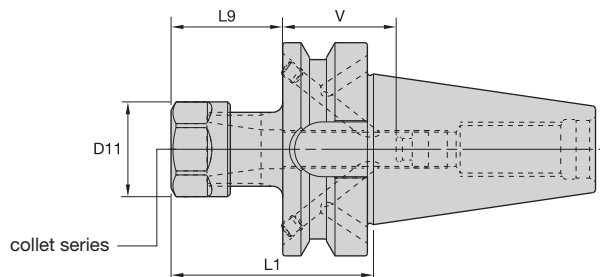
■ ER Short-BT Form AD



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size stop screw	kg
2978766	BT50SER32046M	ER32	36	46	50	28	LNECSE32M	OEW32M	136	SS094041G	4mm & 5/32	3,37
2978767	BT50SER40046M	ER40	46	46	57	21	LNECSE40M	OEW168	176	SS112041G	4mm & 5/32	3,19

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 ER standard straight-bore collets, see page J50.
 ER tap collets, see pages J58–J59.
 ER TCT tension-only tap collets, see page J60.
 For retention knobs, see page L45.

- Grip (2:1 advantage).



ERICKSON

■ ER Hex-BT Form B/AD

ER collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
ER16	0,5	10,0	.02	.41
ER20	0,5	13,0	.02	.50
ER25	1,0	16,0	.04	.63
ER32	2,0	20,0	.08	.81
ER40	3,0	26,0	.12	1.00

order number	catalog number	collet series	D11	L1	L9	V	kg
1586520	BT50BER16100M	ER16	28	100	32	48	3,76
1871539	BT50BER16150M	ER16	28	150	32	48	3,93
3847515	BT50BER20100M	ER20	34	100	37	43	3,81
3847516	BT50BER20150M	ER20	34	150	37	63	4,07

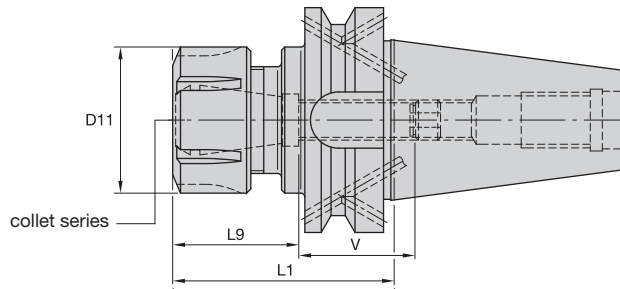
■ Spare Parts



catalog number	locknut	wrench	counterbore collet torque (Nm)	straight collet torque (Nm)	stop screw	wrench size stop screw
BT50BER16100M	LNHSER16M	OE25M	40	56	SS044038G	4mm & 5/32
BT50BER16150M	LNHSER16M	OE25M	40	56	SS044038G	4mm & 5/32
BT50BER20100M	LNHSER20M	OE30M	32	80	SS056041G	4mm & 5/32
BT50BER20150M	LNHSER20M	OE30M	32	80	SS056041G	4mm & 5/32

(continued)

(ER BT Form B/AD continued)



■ ER Round-BT Form B/AD

order number	catalog number	collet series	D11	L1	L9	V	kg
1871540	BT50BER25070M	ER25	42	70	40	60	3,67
1871541	BT50BER25150M	ER25	42	150	40	60	4,36
1587031	BT50BER32070M	ER32	50	70	46	38	3,65
1729881	BT50BER32150M	ER32	50	150	46	54	4,64
1556433	BT50BER40080M	ER40	63	80	52	48	3,79
1187371	BT50BER40150M	ER40	63	150	52	48	5,32
3847517	BT50BER40200M	ER40	63	200	52	48	6,33

■ Spare Parts

catalog number	locknut	wrench	stop screw	wrench size stop screw
BT50BER25070M	LNSER25M	ER25WM	SS075041G	4mm & 5/32
BT50BER25150M	LNSER25M	ER25WM	SS075041G	4mm & 5/32
BT50BER32070M	LNSER32M	ER32WM	SS094041G	4mm & 5/32
BT50BER32150M	LNSER32M	ER32WM	SS094041G	4mm & 5/32
BT50BER40080M	LNSER40M	ER40WM	SS112041G	4mm & 5/32
BT50BER40150M	LNSER40M	ER40WM	SS112041G	4mm & 5/32
BT50BER40200M	LNSER40M	ER40WM	SS112041G	4mm & 5/32

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
ER standard straight-bore collets, see page J50.
ER tap collets, see pages J58–J59.
ER TCT tension-only tap collets, see page J60.
For retention knobs, see page L45.

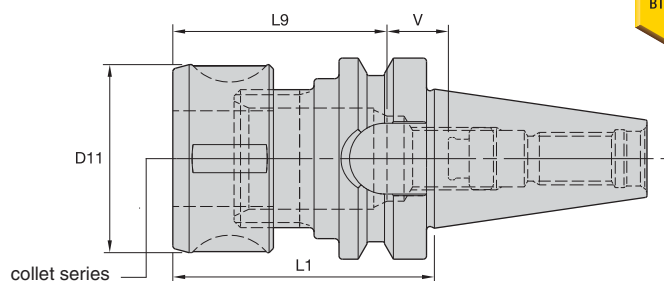
Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm

BT50 Shank Tools

DA 08 Series Double-Angle Collet Chucks • Drill Chucks



- Grip 1:1.



ERICKSON™

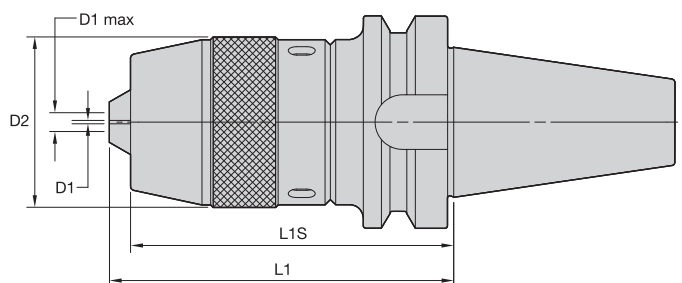
■ DA Round-BT Form AD

order number	catalog number	collet series	D11	L1	L9	V	kg
1258441	BT50DA188200M	DA180	1.69	7.87	1.97	1.81	5,00
1197722	BT50DA188150M	DA180	1.69	5.91	1.97	1.81	4,50
1191767	BT50DA188070M	DA180	1.69	2.76	1.97	1.85	3,70

■ Spare Parts

catalog number	locknut	locknut wrench	Nm	stop screw	wrench size stop screw
BT50DA188200M	LNA188M	HSW45M	136	SS081041G	4mm & 5/32
BT50DA188150M	LNA188M	HSW45M	136	SS081041G	4mm & 5/32
BT50DA188070M	LNA188M	HSW45M	136	SS081041G	4mm & 5/32

NOTE: Tighten locknut to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
DA standard straight-bore collets, see page J62.
DA non-pullout collets, see pages J65–J68.
For retention knobs, see page L45.

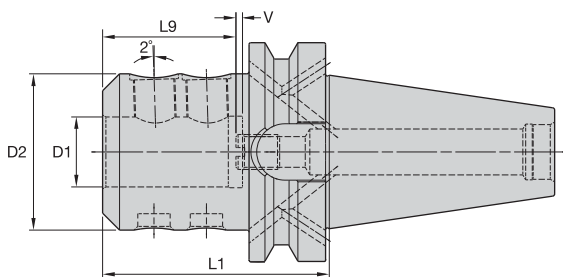


ERICKSON™

■ DC-BT Form A

order number	catalog number	D1		D1 max		D2	L1	L1S	wrench	Nm	kg
		mm	in	mm	in						
3583294	BT50DC13110M	1,0	.039	13,0	.512	51	122	110	PSW45M	55	4,44

NOTE: Tighten to the recommended tightening torque.
Locking wrench not supplied.
For retention knobs, see page L45.



ERICKSON

■ WN MM-BT Form B/AD



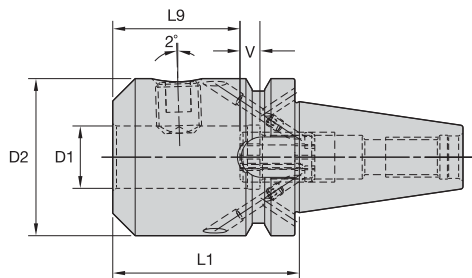
order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	Nm	stop screw	wrench size stop screw	kg
1175468	BT50BWN06063M	6	25	63	30	10	SS03M012	3mm	7	571.060	2,5mm	3,63
1300426	BT50BWN08063M	8	28	63	30	10	SS03M014	4mm	15	571.067	3mm	3,64
1137510	BT50BWN10063M	10	35	63	35	10	SS03M018	5mm	25	571.068	4mm	3,69
1137518	BT50BWN12080M	12	42	80	40	10	SS03M023	6mm	35	571.074	5mm	3,92
1137526	BT50BWN14080M	14	44	80	40	10	SS03M023	6mm	35	571.074	5mm	3,95
1137535	BT50BWN16080M	16	48	80	43	10	SS03M025	6mm	50	571.075	6mm	4,02
1137543	BT50BWN18080M	18	50	80	43	10	SS03M025	6mm	50	571.075	6mm	4,05
1137550	BT50BWN20080M	20	52	80	45	10	SS03M026	8mm	95	571.076	6mm	4,06
1137558	BT50BWN25100M	25	65	100	50	10	SS03M027	10mm	135	571.076	6mm	4,80
1137576	BT50BWN32105M	32	72	105	54	10	SS03M029	10mm	160	571.076	6mm	5,15

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw and stop screw.
 Lock screw or stop screw wrenches not included.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

BT50 Shank Tools

Tap Chuck Adapters Whistle Notch™ Short • Tap Chuck Adapters



ERICKSON™

■ SWN MM-BT Form B/AD

order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	Nm	stop screw	wrench size stop screw	kg
1134607	BT50BSWN25075M	25	65	75	44	15	SS03M027	10mm	135	571.066	10mm	4,23
1134608	BT50BSWN32075M	32	72	75	46	17	SS03M029	10mm	160	571.066	10mm	4,31

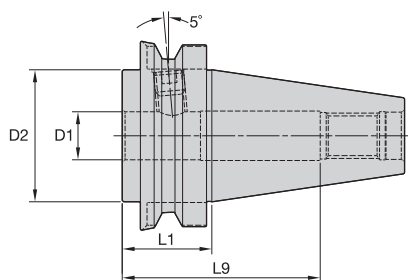
NOTE: Do not overtighten lock screw; use torque recommendations above.

Supplied with lock screw.

Lock screw wrenches not included.

For retention knobs, see page L45.

Form AD	✓				
Form B	↺		40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON™

■ Tap Chuck Adapter

order number	catalog number	D1	D2	L1	L9	lock screw	wrench size clamp screw	lbs
1017939	BT50TA1187	1	2.75	1.88	4.13	ELS062050PKG	5/16	8.09

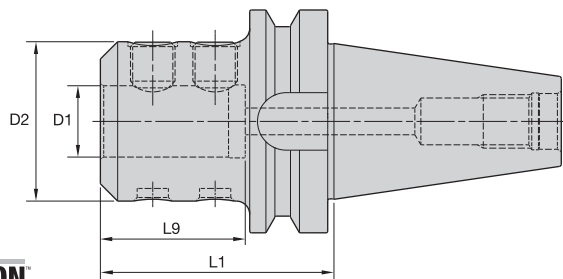
NOTE: Do not overtighten drawbar screw.

Supplied with drawbar screw.

Draw bar screw wrench not included.

For retention knobs, see page L45.



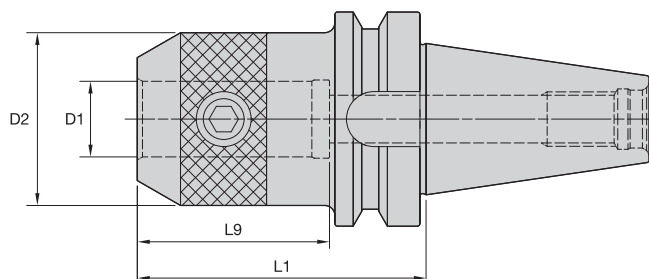


ERICKSON



■ EM MM-BT Form AD

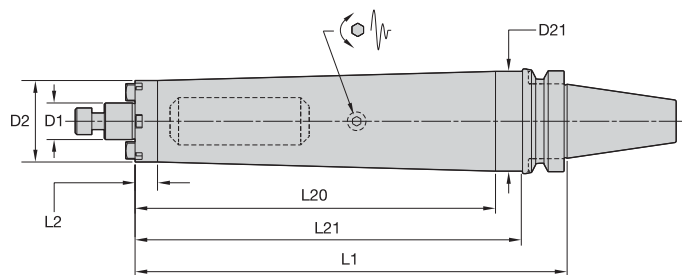
order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	Nm	kg
1191769	BT50EM06063M	6	25	63	119	SS03M012	3mm	7	3,57
1258446	BT50EM06150M	6	25	150	206	SS03M012	3mm	7	3,87
1191770	BT50EM08063M	8	28	63	119	SS03M014	4mm	15	3,59
1191771	BT50EM10080M	10	35	80	136	SS03M018	5mm	25	3,82
1258453	BT50EM10100M	10	35	100	156	SS03M018	5mm	25	3,88
1191772	BT50EM12080M	12	42	80	136	SS03M023	6mm	35	3,85
1191773	BT50EM16080M	16	48	80	136	SS03M025	6mm	50	3,96
1191774	BT50EM20080M	20	52	80	136	SS03M026	8mm	95	4,01
1191776	BT50EM25105M	25	65	105	60	SS03M027	10mm	135	4,88
1156369	BT50EM32105M	32	72	105	65	SS03M029	10mm	160	5,11
1191777	BT50EM40120M	40	90	120	75	SS03M029	10mm	160	6,66
1258473	BT50EM50130M	50	100	130	85	—	12mm	200	7,60



■ EM IN-BT Form AD

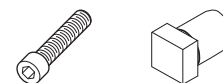
order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1258444	BT50EM050295	1/2	1.38	2.95	5.16	ELS044038PKG	7/32	20	8.14
1258447	BT50EM075295	3/4	1.75	2.95	5.16	ELS062050PKG	5/16	70	8.36
1258450	BT50EM100413	1	2.00	4.13	4.49	ELS075056PKG	3/8	110	9.11
1258451	BT50EM100600	1	2.00	6.00	4.49	ELS075056PKG	3/8	110	10.51
1258456	BT50EM125413	1 1/4	2.50	4.13	2.51	ELS075062PKG	3/8	110	10.23
1258457	BT50EM125600	1 1/4	2.50	6.00	2.51	ELS075062PKG	3/8	110	12.54
1258459	BT50EM150413	1 1/2	2.75	4.13	2.93	ELS075062PKG	3/8	110	10.41
1232393	BT50EM200531	2	3.75	5.31	3.53	ELS100088PKG	1/2	150	16.00

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw.
 Lock screw wrench not included.
 For retention knobs, see page L45.

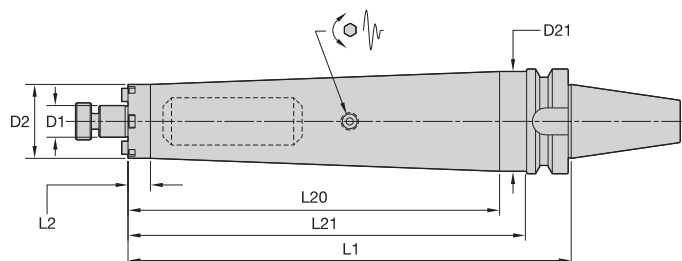


ERICKSON

■ SMC TD Cap MM-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L20	L21	lock screw	drive key	wrench size lock screw	kg
4135491	BT50BTDSMC22260M	22	49	70	260	13,5	211,8	222	MS1234	KDK22M	8mm	8,21



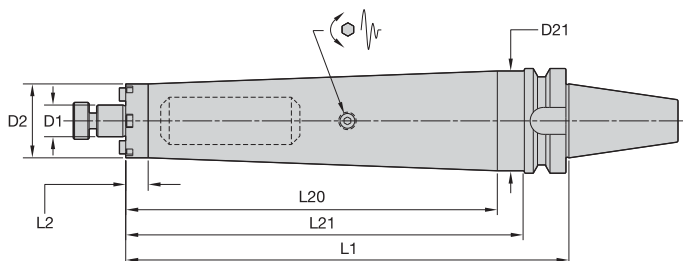
■ SMC TD Lock MM-BT Form B/AD



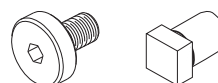
order number	catalog number	D1	D2	D21	L1	L2	L20	L21	lock screw	drive key	wrench size lock screw	kg
4135492	BT50BTDSMC27320M	27	61	80	320	285	271,8	282	KLSS27M	—	10mm	11,83
4135493	BT50BTDSMC32330M	32	78	—	330	292	—	—	KLSS32M	KDK32M	14mm	16,16

(continued)

(SMC BT Form B/AD continued)



■ SMC TD Lock IN-BT Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L20	L21	lock screw	drive key	wrench size lock screw	lbs
4135494	BT50BTDSMC0751050	3/4	1.75	2.56	10.5	.53	8.6	9	KLS07	KDK05	1/4	16.73
4135495	BT50BTDSMC1001250	1	2.75	—	12.5	11.00	—	—	KLS10	KDK06	5/16	25.46
4135496	BT50BTDSMC1251300	1 1/4	2.88	—	13.0	11.50	—	—	KLS12	KDK08	5/16	32.71

NOTE: Do not overtighten lock screw.

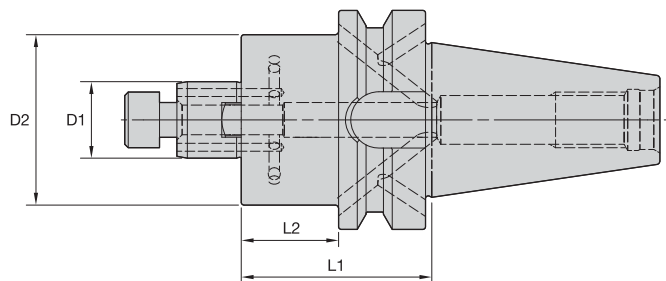
Supplied with lock screw and drive keys.

Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.

Lock screw wrench not included.

For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

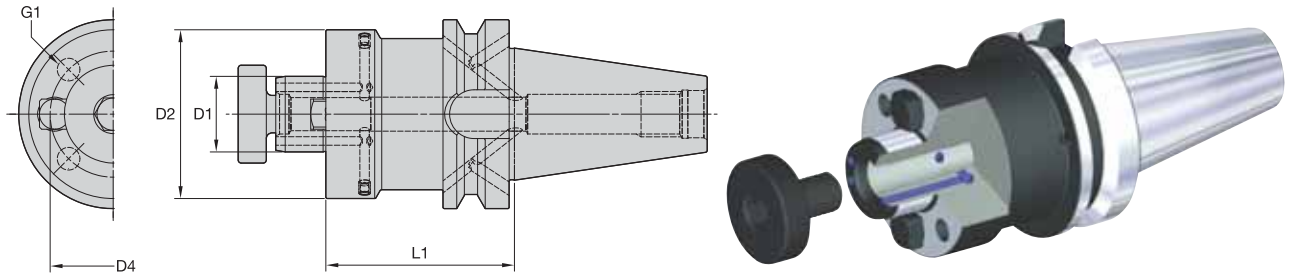
■ SMC Cap MM-BT Form B/AD



order number	catalog number	D1	D2	L1	L2	lock screw	wrench size lock screw	drive key	kg
3750032	BT50BSM2C16045M	16	38	45	7	MS1294	6mm	KDK16M	3,62
3750034	BT50BSM2C16100M	16	38	100	62	MS1294	6mm	KDK16M	4,01
3750036	BT50BSM2C16150M	16	38	150	112	MS1294	6mm	KDK16M	4,41
3750031	BT50BSMC16045M	16	44	45	7	MS1294	6mm	KDK16M	3,63
3750033	BT50BSMC16100M	16	44	100	62	MS1294	6mm	KDK16M	4,18
3750035	BT50BSMC16150M	16	44	150	112	MS1294	6mm	KDK16M	4,71
3750038	BT50BSM2C22045M	22	42	45	7	MS1234	8mm	—	3,63
3750040	BT50BSM2C22100M	22	42	100	62	MS1234	8mm	—	4,12
3750042	BT50BSM2C22150M	22	42	150	112	MS1234	8mm	—	4,56
3750037	BT50BSMC22045M	22	49	45	7	MS1234	8mm	KDK22M	3,66
3750039	BT50BSMC22100M	22	49	100	62	MS1234	8mm	KDK22M	4,37
3750041	BT50BSMC22150M	22	49	150	112	MS1234	8mm	KDK22M	5,00

(continued)

(SMC BT Form B/AD continued)



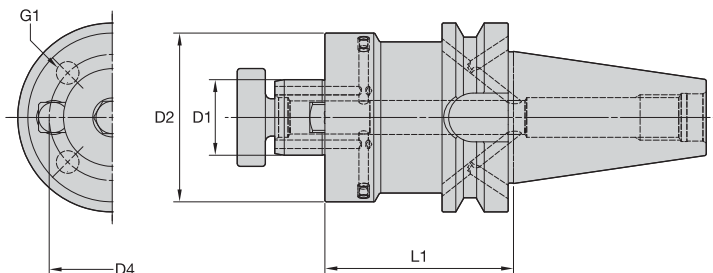
■ SMC Lock MM-BT Form B/AD

order number	catalog number	D1	D2	D4	G1	L1	lock screw	drive key	kg
3750043	BT50BSMC27045M	27	60	—	—	45	KLSS27M	KDK27M	3,76
3750044	BT50BSMC27100M	27	60	—	—	100	KLSS27M	KDK27M	4,86
3750045	BT50BSMC27150M	27	60	—	—	150	KLSS27M	KDK27M	5,85
3750046	BT50BSMC32045M	32	78	—	—	45	KLSS32M	KDK32M	3,94
3750047	BT50BSMC32100M	32	78	—	—	100	KLSS32M	KDK32M	5,87
3750048	BT50BSMC32150M	32	78	—	—	150	KLSS32M	KDK32M	7,62
3750049	BT50BSMC40050M	40	89	66,7	M12 X 1.75	50	KLSS40M	KDK40M	4,36
3750050	BT50BSMC40100M	40	89	66,7	M12 X 1.75	100	KLSS40M	KDK40M	6,40
3750051	BT50BSMC40150M	40	89	66,7	M12 X 1.75	150	KLSS40M	KDK40M	8,26
3750052	BT50BSMC60090M	60	129	101,6	M16 X 2.0	90	—	KDK60M	8,53

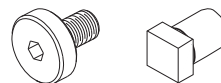
(continued)

Form AD					
Form B					
			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

(SMC BT Form B/AD continued)



■ SMC Lock IN-BT Form B/AD



order number	catalog number	D1	D2	D4	G1	L1	lock screw	drive key	wrench size lock screw	lbs
3653805	BT50BSM2C050400	1/2	1.20	—	—	4.00	KLS05	KDK04	3/16	8.50
3653772	BT50BSMC050177	1/2	1.44	—	—	1.77	KLS05	KDK04	3/16	7.87
3653804	BT50BSMC050400	1/2	1.44	—	—	4.00	KLS05	KDK04	3/16	8.81
3653809	BT50BSM2C075400	3/4	1.46	—	—	4.00	KLS07	—	1/4	8.80
3653806	BT50BSMC075177	3/4	1.75	—	—	1.77	KLS07	KDK05	1/4	7.98
3653808	BT50BSMC075400	3/4	1.75	—	—	4.00	KLS07	KDK05	1/4	9.34
3653813	BT50BSM2C100400	1	2.19	—	—	4.00	KLS10	KDK06	5/16	10.22
3653810	BT50BSMC100177	1	2.75	—	—	1.77	KLS10	KDK06	5/16	8.32
3653812	BT50BSMC100400	1	2.75	—	—	4.00	KLS10	KDK06	5/16	11.77
3653814	BT50BSMC100600	1	2.75	—	—	6.00	KLS10	KDK06	5/16	14.86
3653815	BT50BSMC125177	1 1/4	2.88	—	—	1.77	KLS12	KDK08	5/16	8.60
3653816	BT50BSMC125400	1 1/4	2.88	—	—	4.00	KLS12	KDK08	5/16	12.46
3653817	BT50BSMC125600	1 1/4	2.88	—	—	6.00	KLS12	KDK08	5/16	15.92
3653818	BT50BSMC150177	1 1/2	3.63	—	—	1.77	KLS15	KDK10	3/8	9.21
3653819	BT50BSMC150400	1 1/2	3.81	—	—	4.00	KLS15	KDK10	3/8	16.36
3653820	BT50BSMC150600	1 1/2	3.81	—	—	6.00	KLS15	KDK10	3/8	22.68
3653823	BT50BSMC250236	2 1/2	4.88	4.00	.625-11 UNC	2.36	KLS25	KDK16	9/16	14.02
3653821	BT50BSMC200236	2	4.88	—	—	2.36	KLS20	KDK12	9/16	13.20
3653824	BT50BSMC250400	2 1/2	4.88	4.00	.625-11 UNC	4.00	KLS25	KDK16	9/16	19.92
3653822	BT50BSMC200400	2	4.88	4.00	.625-11 UNC	4.00	KLS20	KDK12	9/16	19.01

NOTE: Do not overtighten lock screw.

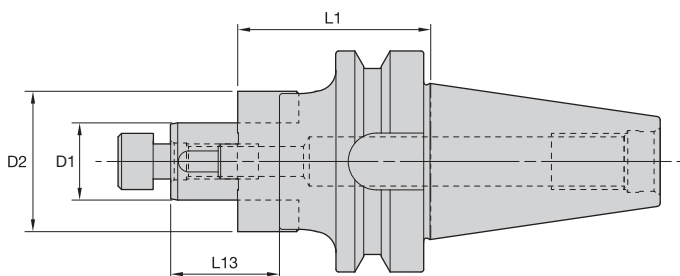
Supplied with lock screw and drive keys.

Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.

Lock screw wrench not included.

For retention knob, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

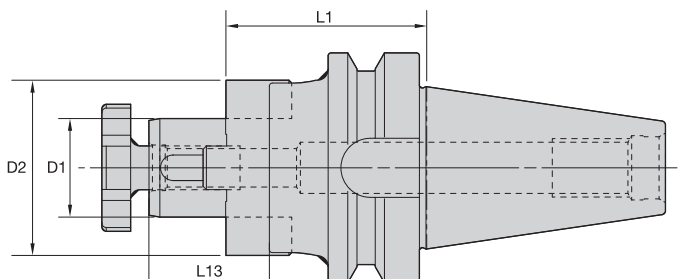


ERICKSON

■ CS Cap MM-BT Form AD



order number	catalog number	D1	D2	L1	L13	lock screw	wrench size lock screw	combi driver ring	combi drive key	kg
1258428	BT50CS16070M	16	32	70	27	MS1294	6mm	CDR16M	CDK16M	3,72
1258431	BT50CS16150M	16	32	150	27	MS1294	6mm	CDR16M	CDK16M	4,19
1191760	BT50CS22070M	22	40	70	31	MS1234	8mm	CDR22M	CDK22M	3,87
1258433	BT50CS22150M	22	40	150	31	MS1234	8mm	CDR22M	CDK22M	4,58
1191761	BT50CS22200M	22	40	200	31	MS1234	8mm	CDR22M	CDK22M	5,05



■ CS Lock MM-BT Form AD

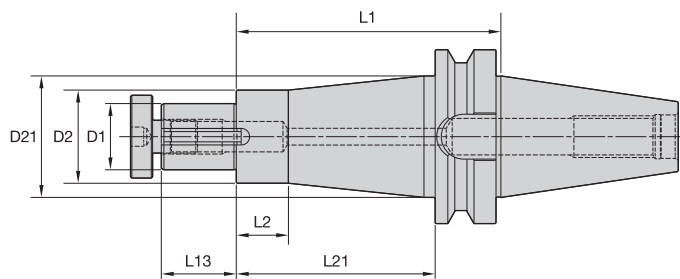


order number	catalog number	D1	D2	L1	L13	lock screw	locknut wrench	combi driver ring	combi drive key	kg
1191763	BT50CS32070M	32	58	70	38	KLS32M	SMW32M	CDR32M	CDK32M	4,33
1258437	BT50CS32150M	32	58	150	38	KLS32M	SMW32M	CDR32M	CDK32M	5,86
1191764	BT50CS40070M	40	70	70	41	KLS40M	SMW40M	CDR40M	CDK40M	4,78
1191765	BT50CS40150M	40	70	150	41	KLS40M	SMW40M	CDR40M	CDK40M	7,17
1258438	BT50CS40200M	40	70	200	41	KLS40M	SMW40M	CDR40M	CDK40M	8,90
1258439	BT50CS50075M	50	90	75	46	KLS50M	SMW50M	CDR50M	CDK50M	7,90
1191766	BT50CS50150M	50	90	150	46	KLS50M	SMW50M	CDR50M	CDK50M	9,20

NOTE: Do not overtighten lock screw.
Supplied with lock screw, drive ring, and drive keys.
Lock screw wrench not included.
For retention knobs, see page L45.

BT50 Shank Tools

Slotting Cutter Adapters • Screw-On Adapters for Modular Milling Cutters

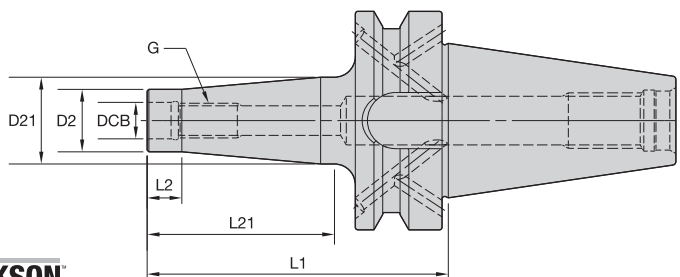


ERICKSON

SA IN-BT Form A

order number	catalog number	D1	D2	D21	L1	L2	L13	L21	lock screw	wrench size lock screw	drive key	lbs
1026221	BT50SA125600	1 1/4	1.86	2.75	6.00	1.10	1.09	4.50	KLS12	5/16	DWG SDK125119	13.22
1026340	BT50SA150600	1 1/2	2.11	2.75	6.00	1.18	1.70	4.50	KLS15	3/8	DWG SDK150175	14.27

NOTE: Do not overtighten lock screw.
Supplied with lock screw, drive key, and spacer.
Lock screw wrench not included.
For retention knobs, see page L45.



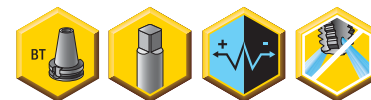
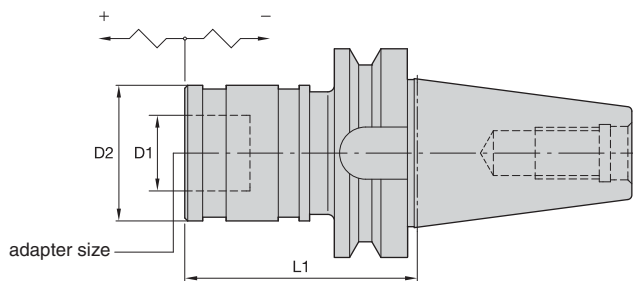
ERICKSON

ST-BT Form B/AD

order number	catalog number	DCB	G	D2	D21	L1	L2	L21	kg
4067906	BT50BST12087M	12,5	M12	21	24	87	10	43	3,67
4067907	BT50BST12137M	12,5	M12	21	31	137	10	93	3,97
4067908	BT50BST12187M	12,5	M12	21	39	187	10	143	4,34
4067909	BT50BST16087M	17,0	M16	21	34	87	10	43	3,79
4067910	BT50BST16137M	17,0	M16	29	39	137	10	93	4,11
4067911	BT50BST16187M	17,0	M16	29	39	187	10	143	4,53
4067912	BT50BST16237M	17,0	M16	29	49	237	10	193	5,40

NOTE: For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

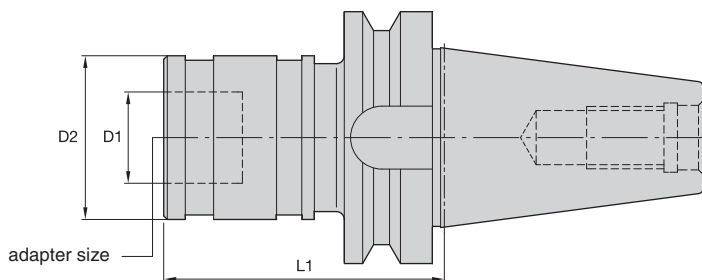


ERICKSON

RC-BT Form A

order number	catalog number	adapter size	tap size		D1	D2	L1	tension	compression	kg
			mm	in						
1778908	BT50RC1075M	1	M1 - M14	#0 - 9/16	19	36	73	7,5	7,5	3,10
1127889	BT50RC2102M	2	M5 - M24	5/16 - 7/8	31	53	102	12,5	12,5	3,90
1135816	BT50RC3141M	3	M14 - M27	13/16 - 1 3/8	48	78	141	20,0	20,0	4,70

NOTE: Quick-change tap adapters are available and must be ordered separately; see page J76.
For retention knobs, see page L45.

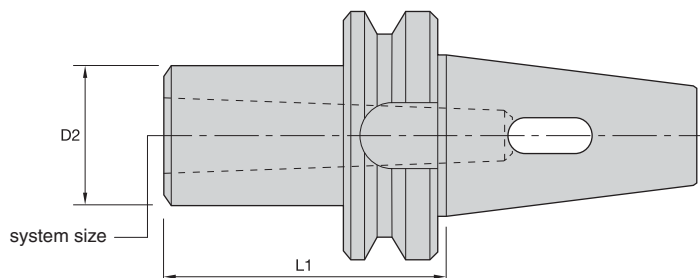


ERICKSON

STRC-BT Form A

order number	catalog number	adapter size	tap size		D1	D2	L1	kg
			mm	in				
1778974	BT50STRC1074M	1	M1 - M14	#0 - 9/16	19	36	74	3,80
1778975	BT50STRC2089M	2	M5 - M24	5/16 - 7/8	31	53	89	4,00

NOTE: Quick-change tap adapters are available and must be ordered separately; see page J76.
For retention knobs, see page L45.

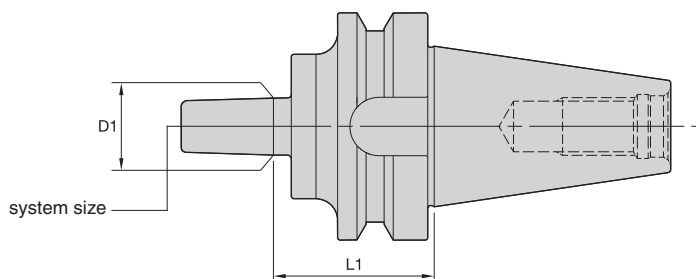


ERICKSON

■ MT-BT Form A

order number	catalog number	system size	D2	L1	kg
1191785	BT50MT5105M	5	70	105	4,28

NOTE: For retention knobs, see page L45.

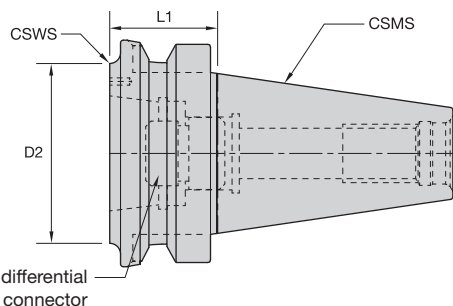


ERICKSON

■ JT-BT Form A

order number	catalog number	system size	D1	L1	kg
1258492	BT50JT33041M	33	15,85	41	3,70

NOTE: For retention knobs, see page L45.



ERICKSON

■ BT to KR JIS B6339 Adapters AD/B • Metric



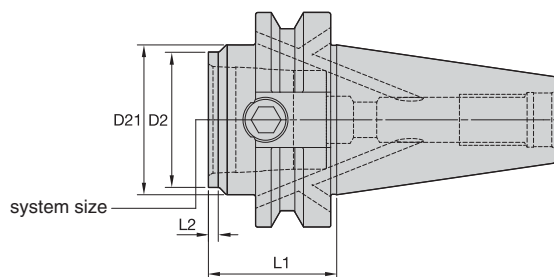
order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	kg	reference head
3554374	BT50BKR32040M	BT50	KR32	50	40	KRDCKR32M	3,90	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
3554375	BT50BKR50040M	BT50	KR50	65	40	KRDCKR50M	3,17	SVS4B,5B,SVU65,SVUBB2
3554376	BT50BKR63060M	BT50	KR63	85	60	KRDCKR63M	4,31	SVS6B,7B,8B
3554377	BT50BKR80060M	BT50	KR80	95	60	KRDCKR80M	4,53	SVU92,120

■ BT to KR JIS B6339 Adapters AD/B • Inch



order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	lbs	reference head
3554374	BT50BKR32040M	BT50	KR32	1.97	1.570	KRDCKR32M	8.60	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
3554375	BT50BKR50040M	BT50	KR50	2.56	1.570	KRDCKR50M	7.00	SVS4B,5B,SVU65,SVUBB2
3554376	BT50BKR63060M	BT50	KR63	3.35	2.360	KRDCKR63M	9.50	SVS6B,7B,8B
3554377	BT50BKR80060M	BT50	KR80	3.74	2.360	KRDCKR80M	9.98	SVU92,120

Form AD					
Form B					
			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



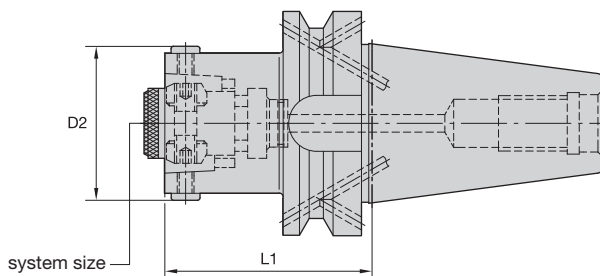
KM-BT Form B/AD



order number	catalog number	system size	D2	D21	L1	L2	KM spare parts package	wrench size actuation screw	Nm	kg
3783950	BT50BKM32040M	KM32	32	—	40	2	KM32PKG3L	5mm	8-11	3,50
3783951	BT50BKM32090M	KM32	32	—	90	52	KM32PKG3S	5mm	8-11	3,74
3783952	BT50BKM40060M	KM40	40	48	60	4	KM40PKG3L	6mm	12-16	3,72
3783953	BT50BKM40100M	KM40	40	—	100	62	KM40PKG3S	6mm	12-16	3,98
3783954	BT50BKM50060M	KM50	50	63	60	4	KM50PKG3L	10mm	27-34	3,80
3783955	BT50BKM50120M	KM50	50	—	120	82	KM50PKG3S	10mm	27-34	4,51
3783956	BT50BKM63060M	KM63	63	70	60	5	KM63PKG3L	12mm	47-54	3,78
3783957	BT50BKM63140M	KM63	63	—	140	102	KM63PKG3S	12mm	47-54	5,50
3783958	BT50BKM80080M	KM80	80	—	80	42	KM80PKG3S	14mm	79-85	4,50

NOTE: Do not overtorque actuation screw; use torque recommendations above.
 Supplied with KM actuation mechanism.
 For retention knobs, see page L45.
 These products only available in the U.S., Canada, and Japan.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

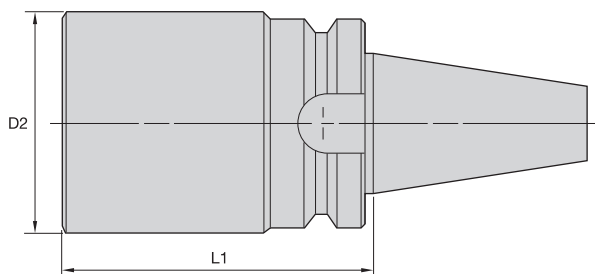
■ HSK-BT Form B/AD

order number	catalog number	system size	D2	L1	wrench size actuation screw	Nm	kg
1519708	BT50BHSK40060M	HSK40	45	60	3mm	8	3,70
1519709	BT50BHSK50065M	HSK50	55	65	4mm	15	3,80
1510763	BT50BHSK63075M	HSK63	70	75	5mm	20	4,00

NOTE: Do not overtorque actuation screw; use torque recommendations above.
Supplied with actuation mechanism and sealing ring.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Machinable front 20–30 RW C.



ERICKSON

■ BB-BT

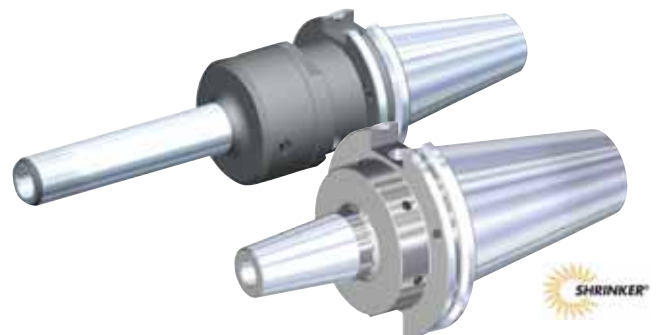
order number	catalog number	D2	L1	kg
1258384	BT50BB104350M	104	350	24,3
1258386	BT50BB134250M	134	250	26,5

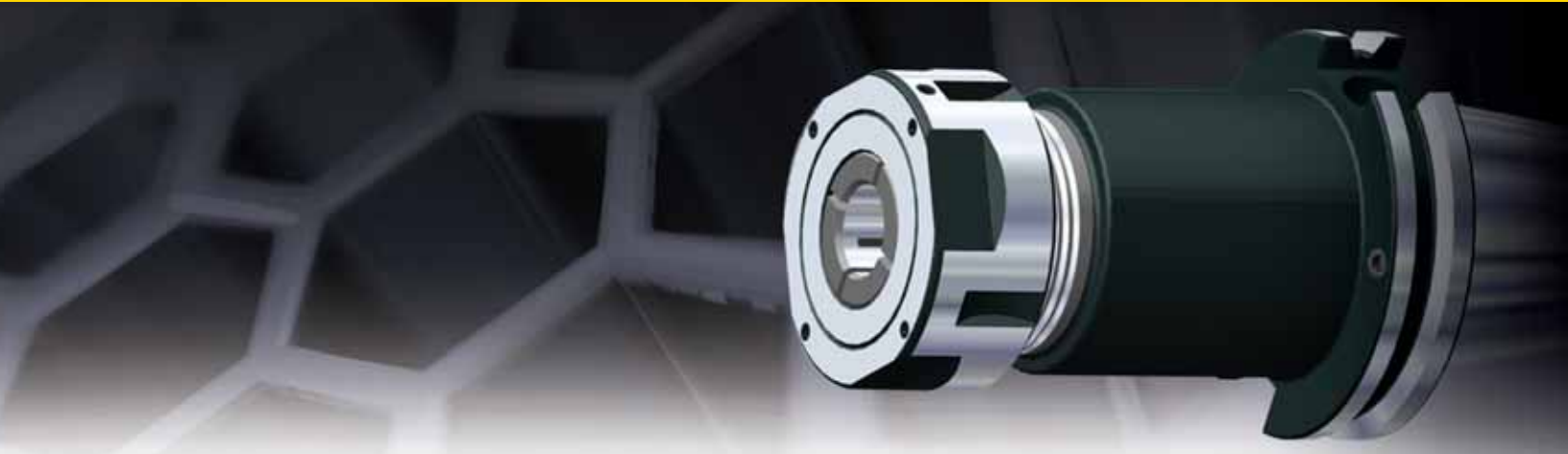
NOTE: For retention knobs, see page L45.



CV Shank Tools

CAT40(CV)	F2-F39
CAT50(CV)	F40-F83





ERICKSON™ CAT V-Flange Shank Tooling System • CV40 Series

Primary Application

ERICKSON V-Flange CAT Taper Tooling is manufactured from premium materials and meets or exceeds the latest ANSI B5.50 and ISO-1947 taper accuracy of AT3 specification standards. The CV40 tools are either pre-balanced to a high specification or balanced-by-design. For high speed applications Kennametal recommends that the complete toolholder assembly (toolholder, retention knobs, collets, hardware, and cutting tools) be balanced as one entity. Exact RPM limits can only be determined by considering machine and spindle configurations in conjunction with tooling design and safety limits factored as a complete system.





Features and Benefits

- ANSI B5.50 7/24 taper.
- Standard 5/8-11 drawbar thread.
- Taper accuracy of AT3 specification or better.
- All tools set to form AD coolant specification.
Many can be converted to form B style.
- Maximum 100 bar (1,500 psi) coolant pressure.

How Do Catalog Numbers Work?

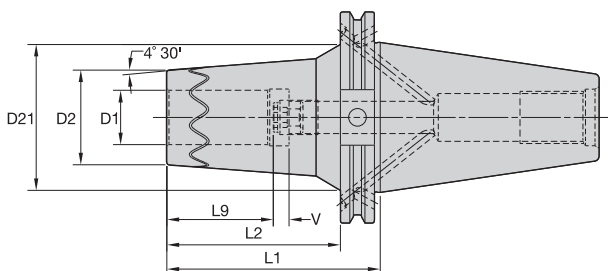
Each character in our catalog number signifies a specific trait of that product. Use the following key columns and corresponding images to easily identify which attributes apply.



CV	40	B	TG	50	M	100
CAT Shank Style	Shank Taper Size	Special Feature (optional)	Toolholder Style	Toolholder Size	Special Feature	Tool Length
ANSI B5.50	40 = 40 50 = 50	B = DIN form B coolant feature, tool shipped to AD specifications (design allows conversion to form B style) Z = Deviates from ANSI — B5.50 standard — no hub in front of V flange (blank) = (no "B" or "Z") — tool built to DIN form A/AD coolant style CH = Coolant form AD — high pressure HPV = High performance and balanceable TD = Tunable			M = Previous 2/3 numbers are metric values (this is an exception where there is a metric bore on an inch shank style)	(Gage line on taper to front of tool) inch xxx = x.xx
				TG = Collet series xx (50), xxx (100) EM = I.D. size: metric — xx = xx, (20); inch — xxx = x.xx, (075) SM = O.D. size: metric — xx = xx, (20); inch — xxx = x.xx, (075)		

BB = Bar blank	MT = Morse taper adapter	SWN = Whistle Notch™ 2° — short — (not to DIN standard)
DA = Double-angle collet chuck	RC = Rapid Change — T&C tapping adapter chuck	TA = Tap chuck adapter
DC = Drill chuck	SA = Slotting cutter adapter	TCRC = Rapid Change — T&C tapping adapter chuck
EM = End mill adapter	SER = DIN 6499 single-angle collet chuck — short with internal locknut	TG = Tremendous Grip single-angle collet chuck
ER = DIN 6499 single-angle collet chuck	SFTT = SAFE-LOCK™ Shrink Fit Thermo Toolholder	TGF = Tremendous Grip single-angle collet chuck — flush face
HC = Hydraulic chuck — Standard Line	SM2C = Shell mill adapter with coolant and small diameter	TT = Shrink Fit thermo toolholder
HCB = Hydraulic chuck — Basic Line	SMC = Shell mill adapter with coolant	TTHT = Shrink Fit thermo toolholder — high torque
HCSL = Hydraulic chuck — Slim Line	SS = Adapter for straight shanks (drills)	WD = Whistle Notch with drive
HCSLT = Hydraulic chuck — Slim Line — Trend	SSF = Adapter for straight shanks with flat (drills)	WNA = Whistle Notch — NAS 5° inch
HCT = Hydraulic chuck — Trend Line	ST = Screw-on adapters	WN = Whistle Notch (2° metric; 5° inch)
HPMC = Bearing milling chuck — high performance	STRC = Rapid Change — solid tapping adapter chuck	
HSK = HSK adapter		
JT = Jacobs taper adapter		
KM = KM™ adapter		

- **SAFE-LOCK™**, innovative and unique non-slip system.
- Suitable for carbide and HSS cutting tools.
- Need ≥ 10 kW shrink unit.



ERICKSON

■ TT SF MM-CV Z FORM B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
5089582	CV40ZBSFTT12M256	12	27	34	65	46	37	10	1,00
5089583	CV40ZBSFTT16M256	16	30	37	65	46	40	10	1,01
5089584	CV40ZBSFTT20M256	20	36	43	65	46	42	10	1,06
5089585	CV40ZBSFTT25M295	25	46	51	75	56	48	10	1,29

Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 16	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance	
1/2 & 5/8		.0000/- .0004
3/4, 1		.0000/- .0005

■ TT SF IN-CV Z Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	lbs
5089586	CV40ZBSFTT050256	1/2	1.04	1.33	2.56	1.81	1.46	.39	2.20
5089587	CV40ZBSFTT062256	5/8	1.16	1.45	2.56	1.81	1.58	.39	2.22
5089588	CV40ZBSFTT075256	3/4	1.40	1.68	2.56	1.81	1.65	.39	2.37
5089589	CV40ZBSFTT100295	1	1.79	2.03	2.95	2.20	1.89	.39	2.82

CV40Z toolholders deviate from ANSI-B5.50 standard. The 1.750" hub in front of the V-flange has been eliminated to achieve short gage lengths.

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

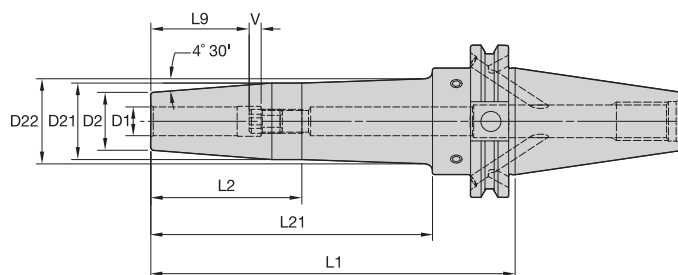
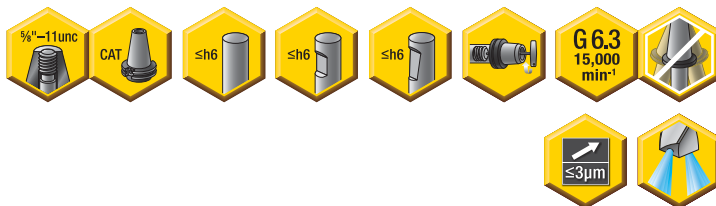
Shrink Fit technical section, see page M78.

Shrink Fit accessories, see pages L12–L13.

HSK coolant unit and wrench are available and must be ordered separately; see page L44.

form AD	✓					
form B						
		40	(2x) SFV40	1,5mm		
		50	(2x) SFV50	1,5mm		

- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide and HSS cutting tools (requirements below).



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
6	h6	0,000/-0,008
8 & 10	h6	0,000/-0,009
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON

■ TT GP HPV MM-CV Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3683482	CV40BHPVTT06M350	6	21	27	—	89	54	—	26	10	TTSS05014M	2,5mm	1,16
3683493	CV40BHPVTT06M600	6	21	27	32	152	50	117	26	10	TTSS05014M	2,5mm	1,48
3683494	CV40BHPVTT08M350	8	21	27	—	89	54	—	26	10	TTSS06014M	3mm	1,15
3683495	CV40BHPVTT08M600	8	21	27	32	152	50	117	26	10	TTSS06014M	3mm	1,48
3683496	CV40BHPVTT10M375	10	24	32	—	95	60	—	31	10	TTSS08014M	4mm	1,24
3683497	CV40BHPVTT10M600	10	24	32	36	152	63	117	31	10	TTSS08014M	4mm	1,63
3615213	CV40BHPVTT12M375	12	24	32	—	95	60	—	36	10	TTSS10014M	5mm	1,22
3615214	CV40BHPVTT12M600	12	24	32	36	152	63	117	36	10	TTSS10014M	5mm	1,57
3615215	CV40BHPVTT14M375	14	27	34	—	95	60	—	36	10	TTSS10014M	5mm	1,27
3615216	CV40BHPVTT14M600	14	27	34	38	152	63	117	36	10	TTSS10014M	5mm	1,66
3615217	CV40BHPVTT16M375	16	27	34	—	95	60	—	39	10	TTSS12014M	6mm	1,24
3615218	CV40BHPVTT16M600	16	27	34	38	152	63	117	39	10	TTSS12014M	6mm	1,64
3615219	CV40BHPVTT18M400	18	34	44	—	102	83	—	39	10	TTSS12014M	6mm	1,48
3615220	CV40BHPVTT18M600	18	33	42	—	152	117	—	39	10	TTSS12014M	6mm	1,95
3615221	CV40BHPVTT20M400	20	34	44	—	102	83	—	41	10	TTSS16014M	8mm	1,44
3615222	CV40BHPVTT20M600	20	33	42	—	152	117	—	41	10	TTSS16014M	8mm	1,89
3615223	CV40BHPVTT25M400	25	44	53	—	102	83	—	47	10	TTSS16014M	8mm	1,71
3615224	CV40BHPVTT25M600	25	44	53	—	152	133	—	47	10	TTSS16014M	8mm	2,52
3615225	CV40BHPVTT32M400	32	44	53	—	102	83	—	51	10	TTSS16014M	8mm	1,55
3615226	CV40BHPVTT32M600	32	44	53	—	152	133	—	51	10	TTSS16014M	8mm	2,36

(continued)

(TT GP HPV continued)

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance
1/4, 5/16 & 3/8	.0000/- .0004
7/16, 1/2, 9/16, 5/8, & 11/16	.0000/- .0004
3/4, 7/8, 1, & 1-1/4	.0000/- .0005

■ TT GP HPV IN-CV Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	lbs
3683474	CV40BHPVTT025350	1/4	.83	1.06	—	3.50	2.13	—	1.02	.39	TTSS05014M	2,5mm	2.55
3683476	CV40BHPVTT025600	1/4	.83	1.06	1.24	6.00	1.97	4.63	1.02	.39	TTSS05014M	2,5mm	3.27
3683477	CV40BHPVTT031350	5/16	.83	1.06	—	3.50	2.13	—	1.02	.39	TTSS06014M	3mm	2.54
3683478	CV40BHPVTT031600	5/16	.83	1.06	1.24	6.00	1.97	4.63	1.02	.39	TTSS06014M	3mm	3.25
3683479	CV40BHPVTT038375	3/8	.95	1.26	—	3.75	2.38	—	1.22	.39	TTSS08014M	4mm	2.73
3683480	CV40BHPVTT038600	3/8	.95	1.26	1.41	6.00	2.48	4.63	1.22	.39	TTSS08014M	4mm	3.59
3683481	CV40BHPVTT044375	7/16	.95	1.26	—	3.75	2.38	—	1.42	.39	TTSS10014M	5mm	2.70
3615175	CV40BHPVTT050375	1/2	.95	1.26	—	3.75	2.38	—	1.42	.39	TTSS10014M	5mm	2.68
3615176	CV40BHPVTT050600	1/2	.95	1.26	1.41	6.00	2.48	4.63	1.42	.39	TTSS10014M	5mm	3.44
3615177	CV40BHPVTT056375	9/16	1.06	1.34	—	3.75	2.38	—	1.42	.39	TTSS10014M	5mm	2.79
3615178	CV40BHPVTT062375	5/8	1.06	1.34	—	3.75	2.38	—	1.54	.39	TTSS12014M	6mm	2.74
3615179	CV40BHPVTT062600	5/8	1.06	1.34	1.48	6.00	2.48	4.63	1.54	.39	TTSS12014M	6mm	3.61
3615180	CV40BHPVTT068400	11/16	1.34	1.75	—	4.00	3.25	—	1.54	.39	TTSS12014M	6mm	3.28
3615182	CV40BHPVTT075600	3/4	1.30	1.65	—	6.00	4.63	—	1.61	.39	TTSS16014M	8mm	4.24
3615181	CV40BHPVTT075400	3/4	1.34	1.75	—	4.00	3.25	—	1.61	.39	TTSS16014M	8mm	3.22
3615184	CV40BHPVTT088600	7/8	1.30	1.65	—	6.00	4.63	—	1.61	.39	TTSS16014M	8mm	4.15
3615183	CV40BHPVTT088400	7/8	1.34	1.75	—	4.00	3.25	—	1.61	.39	TTSS16014M	8mm	3.14
3615185	CV40BHPVTT100400	1	1.73	2.08	—	4.00	3.25	—	1.85	.39	TTSS16014M	8mm	3.76
3615186	CV40BHPVTT100600	1	1.73	2.08	—	6.00	5.25	—	1.85	.39	TTSS16014M	8mm	5.06
3615187	CV40BHPVTT125400	1 1/4	1.73	2.08	—	4.00	3.25	—	2.01	.39	TTSS16014M	8mm	3.43
3615188	CV40BHPVTT125600	1 1/4	1.73	2.08	—	6.00	5.25	—	2.01	.39	TTSS16014M	8mm	4.74

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

Shrink Fit technical section, see page M78.

Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5mm lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.

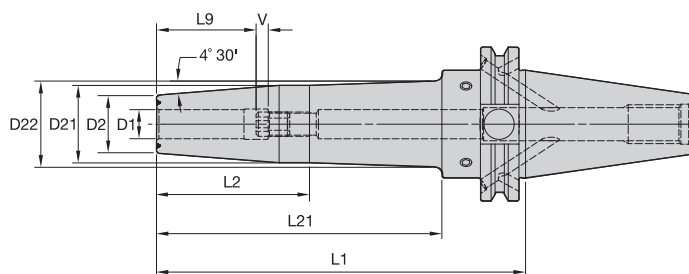
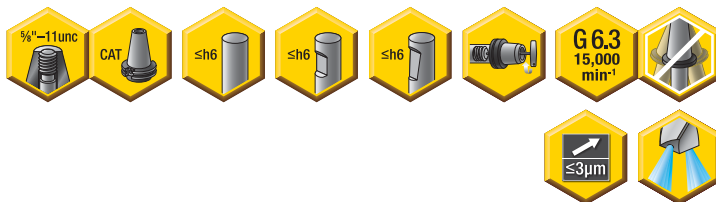
Form AD					
Form B					
		40	(2x) MS2221S	2,5mm	
		50	(2x) MS1296S	3mm	

CAT40 Shank Tools

Shrink Fit Toolholders High Torque (HT)



- 30–50% higher clamping torque compared to GP line.
- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide only, designated by groove in front face (requirements below).
- 10 kW power or greater Shrink Fit device must be used.



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON™

■ TT HT HPV MM-CV Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3618030	CV40BHPVTTH12M375	12	24	32	—	95	60	—	36	10	TTSS10014M	5mm	1,22
3618031	CV40BHPVTTH12M600	12	24	32	36	152	63	117	36	10	TTSS10014M	5mm	1,57
3618032	CV40BHPVTTH14M375	14	27	34	—	95	60	—	36	10	TTSS10014M	5mm	1,27
3618033	CV40BHPVTTH14M600	14	27	34	38	152	63	117	36	10	TTSS10014M	5mm	1,66
3618034	CV40BHPVTTH16M375	16	27	34	—	95	60	—	39	10	TTSS12014M	6mm	1,24
3618035	CV40BHPVTTH16M600	16	27	34	38	152	63	117	39	10	TTSS12014M	6mm	1,64
3618036	CV40BHPVTTH18M400	18	34	44	—	102	83	—	39	10	TTSS12014M	6mm	1,48
3618037	CV40BHPVTTH18M600	18	33	42	—	152	117	—	39	10	TTSS12014M	6mm	1,95
3618038	CV40BHPVTTH20M400	20	34	44	—	102	83	—	41	10	TTSS16014M	8mm	1,44
3618039	CV40BHPVTTH20M600	20	33	42	—	152	117	—	41	10	TTSS16014M	8mm	1,89
3618040	CV40BHPVTTH25M400	25	44	53	—	102	83	—	47	10	TTSS16014M	8mm	1,71
3618041	CV40BHPVTTH25M600	25	44	53	—	152	133	—	47	10	TTSS16014M	8mm	2,52
3618042	CV40BHPVTTH32M400	32	44	53	—	102	83	—	51	10	TTSS16014M	8mm	1,55
3618043	CV40BHPVTTH32M600	32	44	53	—	152	133	—	51	10	TTSS16014M	8mm	2,36

(continued)

(TT HT HPV continued)

Cutting Tool Shank Requirements
inch (industry standard)

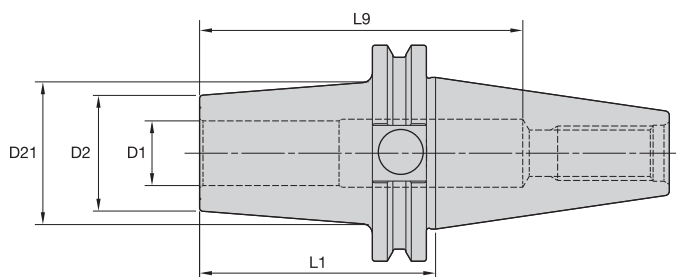
cutting tool shank diameters	tolerance
1/2, 9/16, 5/8, & 11/16	.0000/-.0004
3/4, 7/8, 1, & 1-1/4	.0000/-.0005

■ TT HT HPV IN-CV Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	lbs
3617952	CV40BHPVTTH050375	1/2	.95	1.26	—	3.75	2.38	—	1.42	.39	TTSS10014M	5mm	2.68
3618003	CV40BHPVTTH050600	1/2	.95	1.26	1.41	6.00	2.48	4.63	1.42	.39	TTSS10014M	5mm	3.44
3618004	CV40BHPVTTH056375	9/16	1.06	1.34	—	3.75	2.38	—	1.42	.39	TTSS10014M	5mm	2.79
3618005	CV40BHPVTTH062375	5/8	1.06	1.34	—	3.75	2.38	—	1.54	.39	TTSS12014M	6mm	2.74
3618006	CV40BHPVTTH062600	5/8	1.06	1.34	1.48	6.00	2.48	4.63	1.54	.39	TTSS12014M	6mm	3.61
3618007	CV40BHPVTTH068400	11/16	1.34	1.75	—	4.00	3.25	—	1.54	.39	TTSS12014M	6mm	3.28
3618009	CV40BHPVTTH075600	3/4	1.30	1.65	—	6.00	4.63	—	1.61	.39	TTSS16014M	8mm	4.24
3618008	CV40BHPVTTH075400	3/4	1.34	1.75	—	4.00	3.25	—	1.61	.39	TTSS16014M	8mm	3.22
3618011	CV40BHPVTTH088600	7/8	1.30	1.65	—	6.00	4.63	—	1.61	.39	TTSS16014M	8mm	4.15
3618010	CV40BHPVTTH088400	7/8	1.34	1.75	—	4.00	3.25	—	1.61	.39	TTSS16014M	8mm	3.13
3618012	CV40BHPVTTH100400	1	1.73	2.08	—	4.00	3.25	—	1.85	.39	TTSS16014M	8mm	3.76
3618013	CV40BHPVTTH100600	1	1.73	2.08	—	6.00	5.25	—	1.85	.39	TTSS16014M	8mm	5.06
3618014	CV40BHPVTTH125400	1 1/4	1.73	2.08	—	4.00	3.25	—	2.01	.39	TTSS16014M	8mm	3.43
3618015	CV40BHPVTTH125600	1 1/4	1.73	2.08	—	6.00	5.25	—	2.01	.39	TTSS16014M	8mm	4.74

Form AD					
Form B					
			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



■ TT HT HPV IN-CV Z Form AD

order number	catalog number	D1	D2	D21	L1	L9	lbs
3683514	CV40ZTTH050275	1/2	.95	1.26	2.75	4.26	2.16
3683516	CV40ZTTH075275	3/4	1.34	1.65	2.75	3.74	2.34

CV40Z toolholders deviate from ANSI-B5-50 standard. The 1.750" diameter in front of the V-flange has been eliminated to achieve short gage lengths.

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

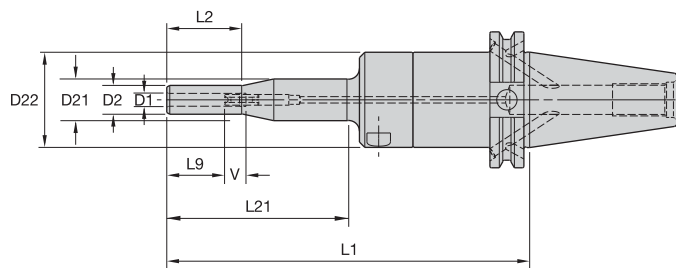
Shrink Fit technical section, see page M78.

Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5mm lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.



ERICKSON

■ HC Slim T MM-CV Form B/AD

order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	kg
3019245	CV40BHCSLT06M669	6	13,5	19,5	44,5	170	35	85	27	10	1,64
3019246	CV40BHCSLT08M669	8	15,5	19,5	44,5	170	35	85	27	10	1,65
3019247	CV40BHCSLT10M669	10	17,5	44,5	—	170	85	151	31	10	1,65

■ Spare Parts

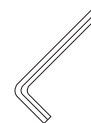


catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
CV40BHCSLT06M669	170.135	5mm	170.002	2,5mm
CV40BHCSLT08M669	170.135	5mm	170.002	2,5mm
CV40BHCSLT10M669	170.135	5mm	170.003	3mm

■ HC Slim T IN-CV Form B/AD

order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	lbs
3019257	CV40BHCSLT025669	.25	.54	.77	44,45	6.69	1.38	85,00	1.06	.39	3.64
3019258	CV40BHCSLT038669	.38	.69	1.75	—	6.69	3.35	150,95	1.22	.39	3.64

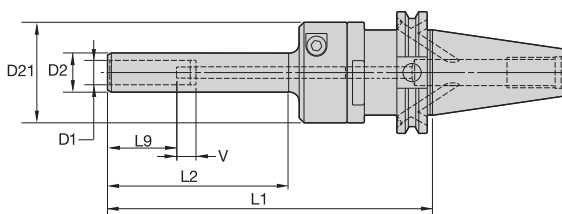
■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
CV40BHCSLT025669	170.135	5mm	170.002	2,5mm
CV40BHCSLT038669	170.135	5mm	170.003	3mm

(continued)

(HC Slim Form B/AD continued)



■ HC Slim MM-CV Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
2495136	CV40BHCSL12M669	12	19,5	44,5	170	95	36	10	1,56
3019248	CV40BHCSL14M669	14	21,5	52,5	170	95	36	10	1,75
3019249	CV40BHCSL16M669	16	23,5	52,5	170	95	39	10	1,78
3019250	CV40BHCSL18M669	18	25,5	52,5	170	95	39	10	1,82
2495141	CV40BHCSL20M669	20	27,5	52,5	170	95	41	10	1,83

■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
CV40BHCSL12M669	170.135	5mm	170.002	2,5mm
CV40BHCSL14M669	170.135	5mm	170.002	2,5mm
CV40BHCSL16M669	170.135	5mm	170.002	2,5mm
CV40BHCSL18M669	170.135	5mm	170.002	2,5mm
CV40BHCSL20M669	170.135	5mm	170.002	2,5mm

■ HC Slim IN-CV Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	lbs
2508153	CV40BHCSL050669	.50	.81	2.07	6.69	3.74	1.42	.39	3.84
3019259	CV40BHCSL062669	.63	.93	2.07	6.69	3.74	1.54	.39	3.92
2508154	CV40BHCSL075669	.75	1.06	2.07	6.69	3.74	1.61	.39	4.08

■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
CV40BHCSL050669	170.135	5mm	170.002	2,5mm
CV40BHCSL062669	170.135	5mm	170.002	2,5mm
CV40BHCSL075669	170.135	5mm	170.002	2,5mm

NOTE: Do not overtorque actuation screw. Use supplied wrench and tighten by hand until stop is felt.

Hydraulic chuck technical section, see page M84.

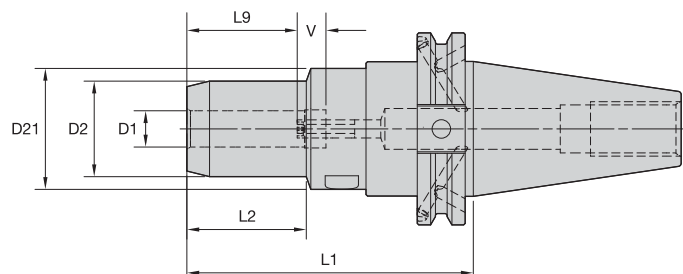
Supplied with stop screw and actuation wrench.

Unable to use SEFAS™ chamfering rings on this design.

Reduction sleeves are available and must be ordered separately; see page J2.

For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

■ HC MM -CV Form B/AD

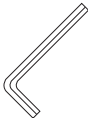


order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw	kg
1605145	CV40BHC06M350	6	25,7	40	88,9	33	27	10	170.135	5mm	170.002	2,5mm	1,24
1605149	CV40BHC08M350	8	27,7	40	88,9	33	27	10	170.135	5mm	170.002	2,5mm	1,25
1605150	CV40BHC10M375	10	29,7	40	95,3	39	31	10	170.135	5mm	170.002	2,5mm	1,30
2079279	CV40BHC12M375	12	31,6	40	95,3	40	36	10	170.135	5mm	170.002	2,5mm	1,32
2079280	CV40BHC14M400	14	33,6	50	101,6	46	41	10	170.135	5mm	170.003	3mm	1,45
2079281	CV40BHC16M400	16	37,6	50	101,6	47	41	10	170.135	5mm	170.003	3mm	1,52
2079282	CV40BHC18M400	18	39,6	50	101,6	47	41	10	170.135	5mm	170.003	3mm	1,54
2079523	CV40BHC20M400	20	41,6	50	101,6	48	41	10	170.135	5mm	170.003	3mm	1,56
1605216	CV40BHC25M462	25	49,9	63	117,5	51	51	10	170.136	6mm	170.004	4mm	2,13
1605217	CV40BHC32M462	32	59,9	63	117,5	59	51	10	170.136	6mm	170.004	4mm	2,31

(continued)

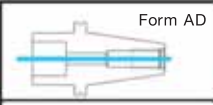
(HC CV Form B/AD continued)

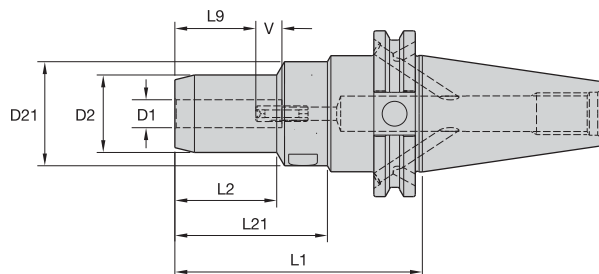
■ HC IN -CV Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw	lbs
1605101	CV40BHC025350	1/4	1.01	1.57	3.50	1.30	1.06	.39	170.135	5mm	170.002	2,5mm	2.7
1605102	CV40BHC038375	3/8	1.17	1.57	3.75	1.54	1.22	.39	170.135	5mm	170.002	2,5mm	2.9
1605103	CV40BHC050375	1/2	1.24	1.57	3.75	1.57	1.42	.39	170.135	5mm	170.002	2,5mm	2.9
1605104	CV40BHC062400	5/8	1.48	1.97	4.00	1.83	1.54	.39	170.135	5mm	170.003	3mm	3.2
1605105	CV40BHC075400	3/4	1.64	1.97	4.00	1.89	1.61	.39	170.135	5mm	170.003	3mm	3.4
1605106	CV40BHC100462	1	1.96	2.48	4.63	2.01	1.81	.39	170.136	6mm	170.004	4mm	4.7
1605107	CV40BHC125462	1 1/4	2.36	2.48	4.63	2.32	1.97	.39	170.136	6mm	170.004	4mm	5.1

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrench must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

					
Form AD		Form B	40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

■ HC Trend MM-CV Form B/AD

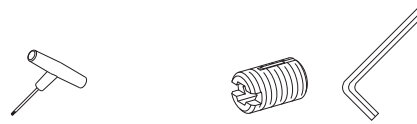


order number	catalog number	D1	D2	D21	L1	L2	L21	L9	V	actuation wrench	wrench size actuation screw	stop screw	stop screw wrench	wrench size stop screw	kg
2979257	CV40BHCT06M350	6	26	40	89	33	53	27	10	170.135	5mm	571.061	170.003	3mm	1,25
2982160	CV40BHCT06M600	6	26	40	152	100	117	27	10	170.135	5mm	571.061	170.003	3mm	1,49
2979258	CV40BHCT08M350	8	28	40	89	33	53	27	10	170.135	5mm	571.061	170.003	3mm	1,27
2982161	CV40BHCT08M600	8	28	40	152	100	117	27	10	170.135	5mm	571.061	170.003	3mm	1,55
2979259	CV40BHCT10M375	10	30	40	95	39	58	31	10	170.135	5mm	571.061	170.003	3mm	1,32
2982162	CV40BHCT10M600	10	30	40	152	100	117	31	10	170.135	5mm	571.061	170.003	3mm	1,62
2979260	CV40BHCT12M375	12	32	40	95	40	60	36	10	170.135	5mm	571.061	170.003	3mm	1,32
2982163	CV40BHCT12M600	12	32	40	152	100	117	36	10	170.135	5mm	571.061	170.003	3mm	1,67
2979261	CV40BHCT14M400	14	34	50	102	46	65	41	10	170.135	5mm	571.063	170.005	5mm	1,47
2982164	CV40BHCT14M600	14	34	50	152	100	116	36	10	170.135	5mm	—	170.005	5mm	1,79
2979262	CV40BHCT16M400	16	38	50	102	47	65	41	10	170.135	5mm	571.063	170.005	5mm	1,54
2982165	CV40BHCT16M600	16	38	50	152	100	116	39	10	170.135	5mm	571.063	170.005	5mm	1,95
2979263	CV40BHCT18M400	18	40	50	102	47	65	41	10	170.135	5mm	571.063	170.005	5mm	1,56
2982166	CV40BHCT18M600	18	40	50	152	100	116	39	10	170.135	5mm	571.063	170.005	5mm	2,02
2979264	CV40BHCT20M400	20	42	50	102	48	65	41	10	170.135	5mm	571.063	170.005	5mm	1,58
2982167	CV40BHCT20M600	20	42	50	152	100	116	41	10	170.135	5mm	571.063	170.005	5mm	2,10
2979265	CV40BHCT25M462	25	50	63	117	51	81	51	10	170.136	6mm	571.063	170.005	5mm	2,15
2979266	CV40BHCT32M462	32	60	63	117	59	81	51	10	170.136	6mm	—	170.005	5mm	2,33

(continued)

(HC Trend CV Form B/AD continued)

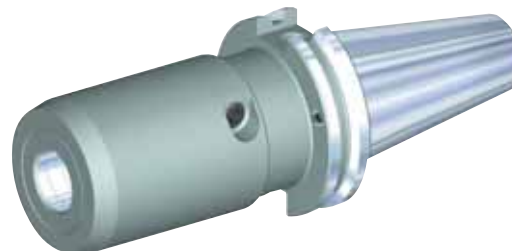
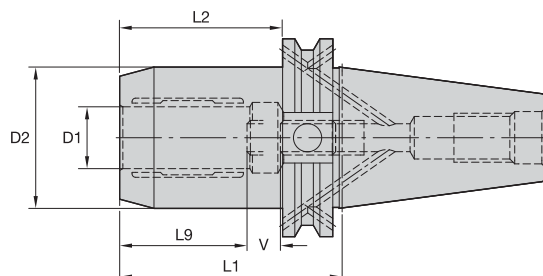
■ HC Trend IN-CV Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw	stop screw wrench	wrench size stop screw	lbs
2979230	CV40BHCT025350	1/4	1.012	1.569	3.500	1.299	1.063	.39	170.135	5mm	571.061	170.003	3mm	2.76
2982155	CV40BHCT025600	1/4	1.012	1.569	6.000	3.937	1.063	.39	170.135	5mm	571.061	170.003	3mm	3.28
2979231	CV40BHCT038375	3/8	1.169	1.569	3.750	1.535	1.221	.39	170.135	5mm	571.061	170.003	3mm	2.91
2982156	CV40BHCT038600	3/8	1.169	1.569	6.000	3.937	1.221	.39	170.135	5mm	571.061	170.003	3mm	3.57
2979232	CV40BHCT050375	1/2	1.244	1.569	3.750	1.575	1.417	.39	170.135	5mm	571.061	170.003	3mm	2.91
2982157	CV40BHCT050600	1/2	1.244	1.569	6.000	3.937	1.417	.39	170.135	5mm	571.061	170.003	3mm	3.68
2979253	CV40BHCT062400	5/8	1.480	1.963	4.000	1.831	1.535	.39	170.135	5mm	571.063	170.005	5mm	3.40
2982158	CV40BHCT062600	5/8	1.479	1.963	6.000	3.937	1.535	.39	170.135	5mm	571.063	170.005	5mm	4.30
2979254	CV40BHCT075400	3/4	1.638	1.963	4.000	1.890	1.614	.39	170.135	5mm	571.063	170.005	5mm	3.53
2982159	CV40BHCT075600	3/4	1.873	1.963	6.000	3.937	1.614	.39	170.135	5mm	571.063	170.005	5mm	4.65
2979255	CV40BHCT100462	1	1.961	2.474	4.625	2.008	1.811	.39	170.136	6mm	571.063	170.005	5mm	4.76
2979256	CV40BHCT125462	1 1/4	2.354	2.474	4.625	2.323	1.969	.39	170.136	6mm	571.063	170.005	5mm	5.18

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrench must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

■ HC Basic MM-CV Form B/AD

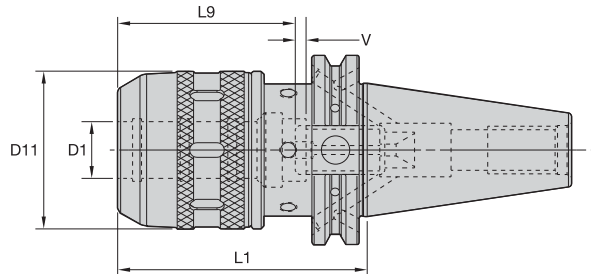
order number	catalog number	D1	D2	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw	kg
2001975	CV40BHCB20M400	20	49,9	102	83	41	10	170.135	5mm	170.005	5mm	1,81

■ HC Basic IN-CV Form B/AD

order number	catalog number	D1	D2	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw	lbs
2001976	CV40BHCB075400	3/4	1.96	4.00	3.25	1.61	.39	170.135	5mm	170.005	5mm	4.01

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
Hydraulic chuck technical section, see page M84.
Supplied with stop screw.
Actuation wrench must be ordered separately.
Reduction sleeves are available and must be ordered separately; see page J2.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

■ HPMC IN-CV Form B/AD

order number	catalog number	D1	D11	L1	L9	V	locknut wrench	stop screw	wrench size stop screw	lbs
3100356	CV40BHPMC075335	3/4	2.09	3.35	4.73	.79	PSW52M	MCSS16040M	2,5mm & 5mm	3.40
3100358	CV40BHPMC075591	3/4	2.09	5.91	1.93	.79	PSW52M	MCSS16040M	2,5mm & 5mm	5.70
3100359	CV40BHPMC100374	1	2.40	3.74	2.17	.79	PSW58M	MCSS16040M	2,5mm & 5mm	4.20
3100360	CV40BHPMC100591	1	2.40	5.91	2.17	.79	PSW58M	MCSS16040M	2,5mm & 5mm	6.45
3100362	CV40BHPMC125472	1 1/4	2.76	4.72	2.28	.79	PSW68M	MCSS16040M	2,5mm & 5mm	5.65
3100361	CV40BHPMC125591	1 1/4	2.76	5.91	2.28	.79	PSW68M	MCSS16040M	2,5mm & 5mm	7.20

NOTE: Milling chuck technical section, see page M88.

Supplied with locknut and stop screw.

Locknut wrench not included.

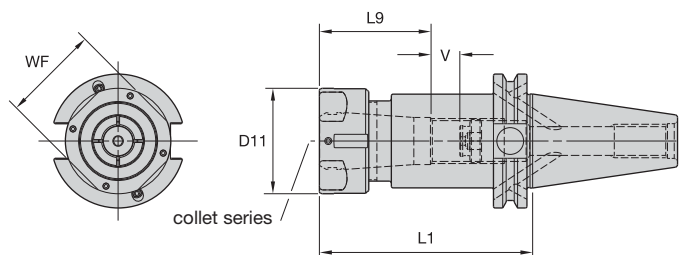
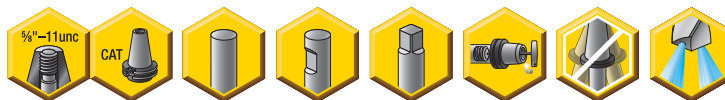
Optional M6~1,0P fine-balancing screw set is available (order number HPMCBALSCREWSET) and must be ordered separately; see page L14.

Reduction sleeves are available and must be ordered separately; see page J6.

For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Tremendous Grip (3:1 advantage).
- Totally flush face, locknut to collet.



TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG50	1,1	13,5	1/32	17/32
TG75	2,6	20,0	3/64	3/4
TG100	2,6	25,5	5/64	1

ERICKSON

■ TG Flush Face-CV Form B/AD

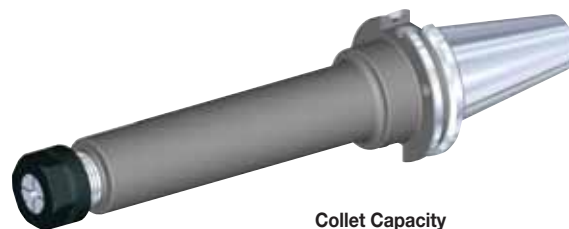
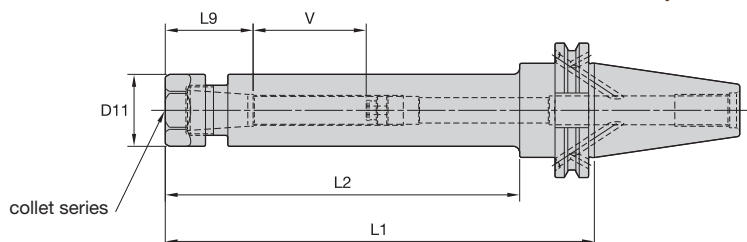
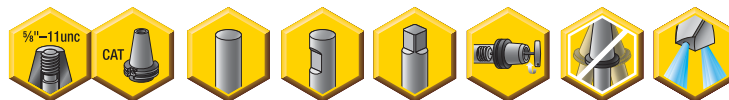


order number	catalog number	collet series	D11	L1	L9	V	locknut	WF	locknut wrench	ft. lbs.	stop screw	wrench size stop screw	lbs
2987290	CV40BTGF050250	TG50	1.50	2.50	1.46	.70	LNATGF050M	34	HSW34M	50	SS056041G	4mm & 5/32	2.37
2987291	CV40BTGF050400	TG50	1.50	4.00	1.46	2.20	LNATGF050M	34	HSW34M	50	SS056041G	4mm & 5/32	2.76
2987292	CV40BTGF050600	TG50	1.50	6.00	1.46	2.48	LNATGF050M	34	HSW34M	50	SS056041G	4mm & 5/32	3.36
2987303	CV40BTGF075250	TG75	1.97	2.50	1.89	.95	LNATGF075M	46	HSW45M	100	SS081041G	4mm & 5/32	2.43
2987304	CV40BTGF075400	TG75	1.97	4.00	1.89	1.30	LNATGF075M	46	HSW45M	100	SS081041G	4mm & 5/32	3.31
2987305	CV40BTGF075600	TG75	1.97	6.00	1.89	3.31	LNATGF075M	46	HSW45M	100	SS081041G	4mm & 5/32	4.41
2987306	CV40BTGF100275	TG100	2.36	2.75	2.44	.55	LNATGF100M	55	HSW58M	150	SS112041G	4mm & 5/32	2.55
2987307	CV40BTGF100400	TG100	2.36	4.00	2.44	.71	LNATGF100M	55	HSW58M	150	SS112041G	4mm & 5/32	3.42
2987308	CV40BTGF100600	TG100	2.36	6.00	2.44	2.68	LNATGF100M	55	HSW58M	150	SS112041G	4mm & 5/32	4.50

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Locknut disk sealing cap is available and must be ordered separately; see pages L34–L35.
 Coolant disks for sealing cap are available and must be ordered separately; see pages L16–L17.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.
 TG standard straight-bore collets, see page J10.
 TG tap collets, see page J10.
 For retention knobs, see page L45.

Form AD	✓	✗	✗	✗	✗
Form B	✗	✓	✓	40	(2x) MS2221S
				50	(2x) MS1296S
					2,5mm
					3mm

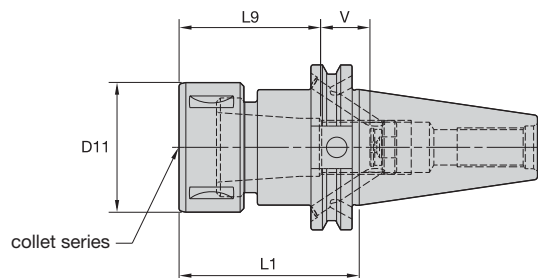
- Tremendous Grip (3:1 advantage).



ERICKSON

■ TG Hex-CV Form B/AD

order number	catalog number	collet series	D11	L1	L2	L9	V	hex locknut	wrench	ft. lbs.	stop screw	wrench size stop screw	lbs
4135683	CV40BTG050300	TG50	1.34	3.00	1.59	1.50	1	LN050M	OEWS30M	50	SS056041G	4mm & 5/32	2.49
4135684	CV40BTG050500	TG50	1.34	5.00	3.59	1.50	2	LN050M	OEWS30M	50	SS056041G	4mm & 5/32	3.16
4135685	CV40BTG050800	TG50	1.34	8.00	6.59	1.50	2	LN050M	OEWS30M	50	SS056041G	4mm & 5/32	4.20
4135686	CV40BTG0501000	TG50	1.34	10.00	8.59	1.50	2	LN050M	OEWS30M	50	SS056041G	4mm & 5/32	4.90



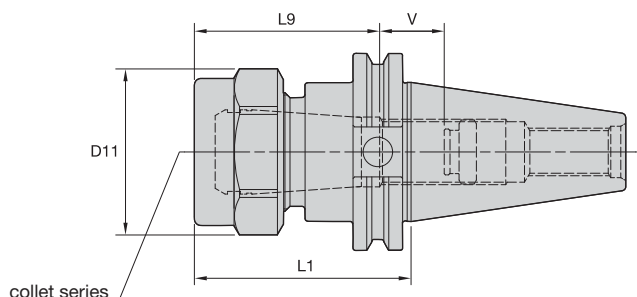
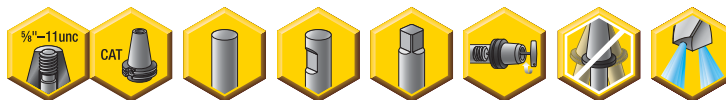
■ TG Round-CV Form B/AD

order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	ft. lbs.	stop screw	wrench size stop screw	lbs
1261621	CV40BTG075275G	TG75	1.97	2.75	1.93	.75	LNA075M	HSW45M	100	SS081041G	4mm & 5/32	2.63
1261622	CV40BTG075600G	TG75	1.97	6.00	1.93	4.01	LNA075M	HSW45M	100	SS081041G	4mm & 5/32	4.50
1261623	CV40BTG100300G	TG100	2.36	3.00	2.64	.67	LNA100M	HSW58M	150	SS094041G	4mm & 5/32	2.91
1261624	CV40BTG100600G	TG100	2.36	6.00	2.64	2.95	LNA100M	HSW58M	150	SS094041G	4mm & 5/32	4.82

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque. Collet chuck technical section, see page M98. Supplied with locknut and stop screw. Locknut wrench must be ordered separately. Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16-L17. Stop screw coolant caps are available and must be ordered separately; see pages L34-L35. Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16. TG standard straight-bore collets, see page J10. TG tap collets, see page J10. For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

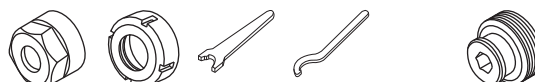
- Tremendous Grip (3:1 advantage).



TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG75	2,6	20,0	3/64	3/4
TG100	2,6	25,5	5/64	1
TG150	11,6	40,0	23/64	1 1/2

ERICKSON™

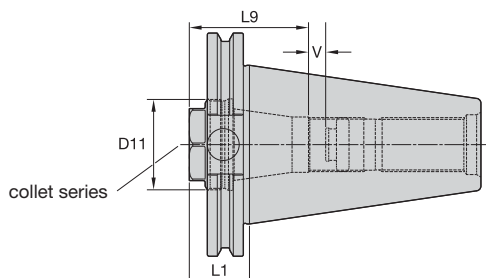
■ TG Hex-CV Form AD



order number	catalog number	collet series	D11	L1	L9	V	locknut	locknut	locknut wrench	locknut wrench	ft. lbs.	stop screw	wrench size stop screw	lbs
1025600	CV40TG075600	TG75	2.09	6.00	2.16	3.84	NPA075	—	OEWS188	—	100	SS081041G	4mm & 5/32	4.40
1025799	CV40TG075275	TG75	2.09	2.75	2.28	1.18	NPA075	—	OEWS188	—	100	SS081041G	4mm & 5/32	2.41
1025771	CV40TG100300	TG100	2.44	3.00	2.95	.51	NPA100	—	OEWS225	—	150	SS112041G	4mm & 5/32	2.77
1025772	CV40TG100600	TG100	2.44	6.00	2.94	3.38	NPA100	—	OEWS225	—	150	SS112041G	4mm & 5/32	5.40
1025773	CV40TG100400	TG100	2.44	4.00	2.95	1.54	NPA100	—	OEWS225	—	150	SS112041G	4mm & 5/32	3.28
1013532	CV40TG150488	TG150	3.50	4.88	3.27	1.23	—	NPA150	—	PSW350	200	SS125050G	4mm & 5/32	5.72

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see page L14.
Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.
TG standard straight-bore collets, see page J10.
TG tap collets, see page J10.
For retention knobs, see page L45.

- Grip (2:1 advantage).

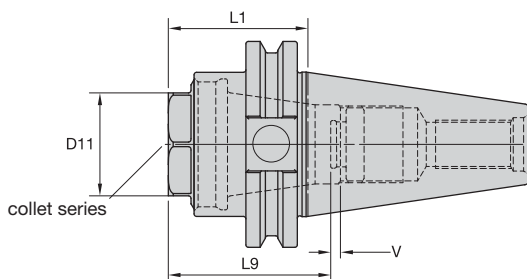


ER collet series	Collet Capacity		Collet Capacity	
	mm	inch	mm	inch
ER32	min 2,0 max 20,0	min .08 max .81		

ERICKSON

■ ER Short-CV Z Form AD

order number	catalog number	collet series	D11	L1	L9	V	locknut	locknut wrench	ft. lbs.	stop screw	wrench size	stop screw	lbs
2978739	CV40ZSER32106	ER32	1.41	1.06	1.97	.20	LNECSER32M	OEW32M	100	SS094041G	4mm & 5/32		1.35



■ ER Short-CV Form AD

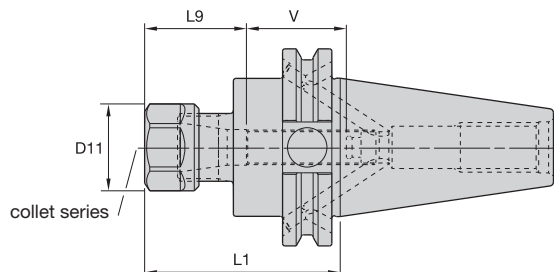
order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	ft. lbs.	stop screw	wrench size	stop screw	lbs
2978740	CV40SER32169	ER32	1.41	1.69	1.97	.43	LNECSER32M	OEW32M	100	SS094041G	4mm & 5/32		1.70



CV40Z toolholders deviate from ANSI-B5-50 standard. The 1.750" diameter in front of the V-flange has been eliminated to achieve short gage lengths.

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
Stop screw coolant caps are available and must be ordered separately; see pages L34-L35.
ER standard straight-bore collets, see page J50.
ER tap collets, see pages J58-J59.
ER TCT tension-only tap collets, see page J60.
For retention knobs, see page L45.

- Grip (2:1 advantage).



ERICKSON™

■ ER Hex-CV Form B/AD

ER collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
ER16	0,5	10,0	.02	.41
ER20	0,5	13,0	.02	.50
ER25	1,0	16,0	.04	.63
ER32	2,0	20,0	.08	.81
ER40	3,0	26,0	.12	1.00

order number	catalog number	collet series	D11	L1	L9	V	lbs
1901019	CV40BER16250	ER16	1.10	2.50	1.26	1.30	2.30
1901046	CV40BER16500	ER16	1.10	5.00	1.26	1.58	2.85
1261618	CV40BER20250	ER20	1.34	2.50	1.42	1.73	2.32
2249531	CV40BER20600	ER20	1.34	6.00	1.42	1.73	3.47

■ Spare Parts

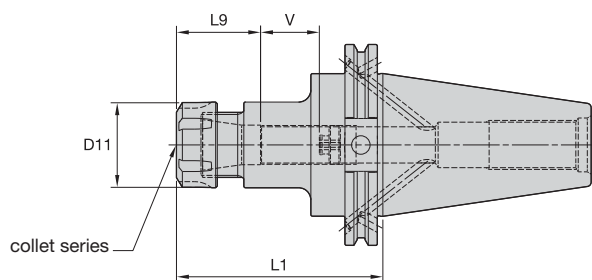


catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
CV40BER16250	LNHSER16M	OEW25M	30	SS044038G	4mm & 5/32
CV40BER16500	LNHSER16M	OEW25M	30	SS044038G	4mm & 5/32
CV40BER20250	LNHSER20M	OEW30M	24	SS056041G	4mm & 5/32
CV40BER20600	LNHSER20M	OEW30M	24	SS056041G	4mm & 5/32

(continued)

Form AD					
Form B					

(ER continued)



■ ER Round-CV Form B/AD

order number	catalog number	collet series	D11	L1	L9	V	lbs
2249532	CV40BER25250	ER25	1.65	2.50	1.57	.75	2.35
2249703	CV40BER25600	ER25	1.65	6.00	1.57	2.37	4.13
1261619	CV40BER32275	ER32	1.97	2.75	1.81	1.65	2.34
1901045	CV40BER32600	ER32	1.97	6.00	1.81	2.13	4.26
2249704	CV40BER40300	ER40	2.48	3.00	2.05	.47	2.78
2249705	CV40BER40600	ER40	2.48	6.00	2.05	1.89	4.44

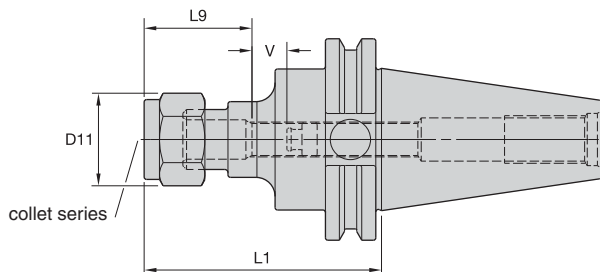
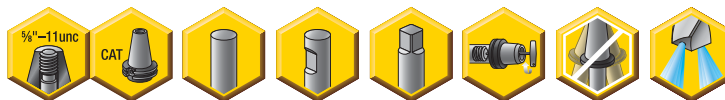
■ Spare Parts

catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
CV40BER25250	LNSER25M	ER25WM	77	SS075041G	4mm & 5/32
CV40BER25600	LNSER25M	ER25WM	77	SS075041G	4mm & 5/32
CV40BER32275	LNSER32M	ER32WM	100	SS094041G	4mm & 5/32
CV40BER32600	LNSER32M	ER32WM	100	SS094041G	4mm & 5/32
CV40BER40300	LNSER40M	ER40WM	130	SS112041G	4mm & 5/32
CV40BER40600	LNSER40M	ER40WM	130	SS112041G	4mm & 5/32

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 ER standard straight-bore collets, see page J50.
 ER tap collets, see pages J58-J59.
 ER TCT tension-only tap collets, see page J60.
 For retention knobs, see page L45.

Form AD	✓	⚠	40	(2x) MS2221S	2,5mm
Form B	⚠	⚠	50	(2x) MS1296S	3mm

- Grip 1:1.



DA collet series	Collet Capacity		Collet Capacity	
	mm	inch	min	max
DA200	0,2	10	1/64	25/64
DA180	2,2	20	1/64	3/4

ERICKSON™

■ DA Hex-CV Form AD

order number	catalog number	collet series	D11	L1	L9	V	lbs
1015515	CV40DA208300	DA200	1.15	3.00	1.62	1.38	2.41
1015305	CV40DA208500	DA200	1.15	5.00	1.62	3.38	3.05
1015304	CV40DA188600	DA180	1.73	6.00	1.94	3.94	3.60
1015596	CV40DA188300	DA180	1.73	3.00	1.94	.81	2.42

■ Spare Parts



catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
CV40DA208500	NPA208	OEWE100	40	SS044038G	4mm & 5/32
CV40DA208300	NPA208	OEWE100	40	SS044038G	4mm & 5/32
CV40DA188600	NPA188	OEWE150	75	SS081041G	4mm & 5/32
CV40DA188300	NPA188	OEWE150	75	SS081041G	4mm & 5/32

NOTE: For retention tighten locknut to the recommended tightening torque.

Collet chuck technical section, see page M98.

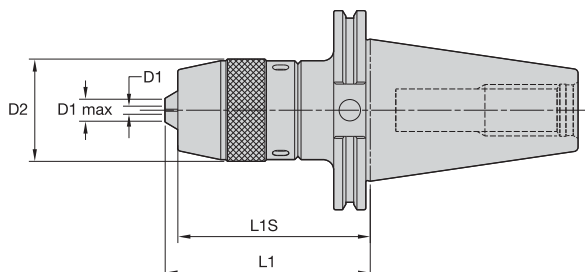
Supplied with locknut and stop screw.

Locknut wrench must be ordered separately.

Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.

DA standard straight-bore collets, see page J62.

DA non-pullout collets, see pages J65–J68.

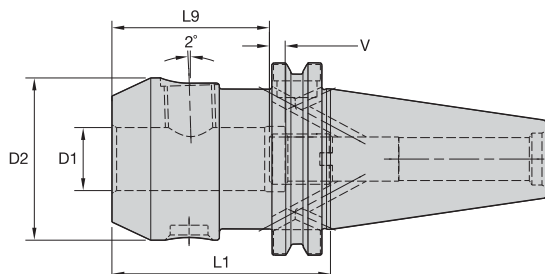


ERICKSON

■ DC-CV Form A

order number	catalog number	D1		D1 max		D2	L1	L1S	wrench	lbs
		mm	in	mm	in					
2262967	CV40DC13M421	1,0	.039	13,0	.512	1.969	4.210	3.726	HSW45M	3.84

NOTE: Tighten to the recommended tightening torque.
 Locking wrench not supplied.
 For retention knobs, see page L45.



ERICKSON

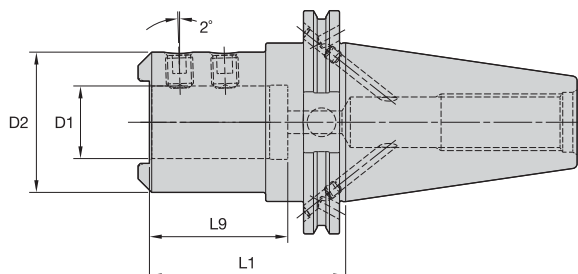
■ WN MM-CV Form B/AD



order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	Nm	stop screw	wrench size stop screw	kg
1549300	CV40BWN06M244	6	25	62	30	10	SS03M012	3mm	7	571.060	2,5mm	1,09
1549315	CV40BWN08M244	8	28	62	26	10	SS03M014	4mm	15	571.067	3mm	1,10
1549317	CV40BWN10M244	10	35	62	35	10	SS03M018	5mm	25	571.068	4mm	1,15
1549320	CV40BWN12M260	12	42	66	40	10	SS03M023	6mm	35	571.074	5mm	1,25
1549326	CV40BWN14M260	14	44	66	40	10	SS03M023	6mm	35	571.074	5mm	1,26
1549328	CV40BWN16M275	16	48	70	43	10	SS03M025	6mm	50	571.075	6mm	1,35
1549329	CV40BWN18M275	18	50	70	43	10	SS03M025	6mm	50	571.075	6mm	1,36
1549342	CV40BWN20M275	20	52	70	45	10	SS03M026	8mm	95	571.076	6mm	1,38
1549330	CV40BWN25M375	25	65	95	50	10	SS03M027	10mm	135	571.077	6mm	2,17
1549341	CV40BWN32M388	32	72	99	54	10	SS03M029	10mm	160	571.076	6mm	2,45

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw and stop screw.
Lock screw and stop screw wrenches not included.
For retention knobs, see page L45.

Form AD					
Form B					
	40	(2x) MS2221S	2,5mm		
	50	(2x) MS1296S	3mm		



ERICKSON

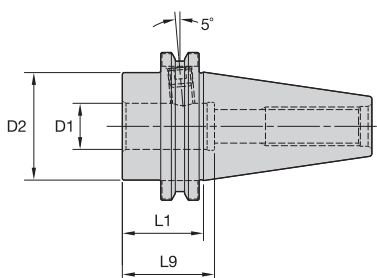
■ WD MM-CV Form B/AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size clamp screw	Nm	kg
1749276	CV40BWD32M343	32	60	87	63	SS03M023	6 mm	35	1,74

NOTE: Do not overtighten clamp screw; use torque recommendations above.
Supplied with clamp screw.
Clamp screw wrenches not included.
For retention knobs, see page L45.

Form AD					
40	(2x) MS2221S	2,5mm			
50	(2x) MS1296S	3mm			



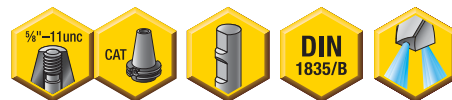
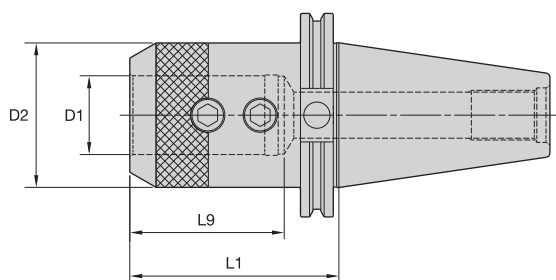
ERICKSON

■ SWN IN-CV Form AD (Tap Chuck Adapter)



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1018054	CV40TA7137	.75	1.75	1.38	1.50	ELS038031PKG	3/16	15	2.20
1017938	CV40TA1137	1.00	1.75	1.38	2.81	ELS038031PKG	3/16	15	1.79

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.
For retention knobs, see page L45.



ERICKSON

■ EM IN-CV Form AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1026404	CV40ZEM012138	1/8	.69	1.38	2.89	S1045PKG	3/32	3	1.79
1026405	CV40EM012450	1/8	.69	4.50	6.01	S1045PKG	3/32	3	2.41
1026406	CV40ZEM018138	3/16	.69	1.38	2.89	S1045PKG	3/32	3	1.79
1025921	CV40EM018250	3/16	.69	2.50	4.01	S1045PKG	3/32	3	2.22
1026407	CV40EM018450	3/16	.69	4.50	6.01	S1045PKG	3/32	3	2.41
1026408	CV40ZEM025138	1/4	.78	1.38	2.89	ELS025025PKG	1/8	5	1.82
1018427	CV40EM025250	1/4	1.00	2.50	4.01	ELS025025PKG	1/8	5	2.35
1026409	CV40EM025450	1/4	.78	4.50	6.01	ELS025025PKG	1/8	5	2.51
1026410	CV40ZEM031138	5/16	1.00	1.38	2.89	ELS031031PKG	5/32	11	1.85
1026411	CV40EM031450	5/16	1.00	4.50	6.01	ELS031031PKG	5/32	11	2.76
1026412	CV40ZEM038138	3/8	1.00	1.38	2.89	ELS038031PKG	3/16	15	1.85
1026338	CV40EM038250	3/8	1.00	2.50	4.01	ELS038031PKG	3/16	15	2.32
1013350	CV40EM038450	3/8	1.00	4.50	6.01	ELS038031PKG	3/16	15	2.69
1013351	CV40EM038650	3/8	1.00	6.50	8.01	ELS038031PKG	3/16	15	3.17
1013352	CV40ZEM044175	7/16	1.25	1.76	3.26	ELS044038PKG	7/32	20	2.00
1013353	CV40EM044450	7/16	1.25	4.50	6.01	ELS044038PKG	7/32	20	3.04
1026380	CV40ZEM050175	1/2	1.75	1.75	3.26	ELS044038PKG	7/32	20	2.27
1025922	CV40EM050262	1/2	1.38	2.62	4.13	ELS044038PKG	7/32	20	2.52
1013374	CV40EM050462	1/2	1.25	4.62	3.07	ELS044038PKG	7/32	20	3.06
1013375	CV40EM050662	1/2	1.25	6.62	8.13	ELS044038PKG	7/32	20	3.83
1026381	CV40ZEM062175	5/8	1.75	1.75	3.56	ELS056050PKG	1/4	40	2.19
1025923	CV40EM062375	5/8	1.50	3.75	3.56	DWG ELS056038	1/4	40	2.96
1013376	CV40EM062575	5/8	1.63	5.75	3.56	ELS056050PKG	1/4	40	4.21
1026382	CV40ZEM075175	3/4	1.75	1.75	2.40	ELS062050PKG	5/16	70	2.09
1025944	CV40EM075375	3/4	1.75	3.75	3.94	ELS062050PKG	5/16	70	3.21
1013377	CV40EM075575	3/4	1.75	5.75	3.94	ELS062050PKG	5/16	70	4.44
1013378	CV40ZEM088175	7/8	1.88	1.75	2.27	ELS062050PKG	5/16	70	2.13
1025945	CV40EM088400	7/8	2.00	4.00	4.19	ELS062050PKG	5/16	70	3.65
1013424	CV40EM088600	7/8	1.88	6.00	4.19	ELS062050PKG	5/16	70	4.86
1026383	CV40ZEM100175	1	1.75	1.75	2.64	DWG ELS075044	3/8	110	1.78
1025946	CV40EM100400	1	2.00	4.00	4.49	ELS075056PKG	3/8	110	3.39
1013425	CV40EM100600	1	2.00	6.00	4.49	ELS075056PKG	3/8	110	5.04
1013426	CV40ZEM125200	1 1/4	2.25	2.00	2.35	DWG ELS075050	3/8	110	2.25
1025947	CV40EM125425	1 1/4	2.50	4.25	2.39	ELS075062PKG	3/8	110	4.96
1013427	CV40EM125625	1 1/4	2.50	6.25	2.39	ELS075062PKG	3/8	110	7.47
1025986	CV40EM150462	1 1/2	2.75	4.63	2.82	ELS075069PKG	3/8	110	5.80
1013428	CV40EM150662	1 1/2	2.75	6.62	2.82	ELS075069PKG	3/8	110	8.76

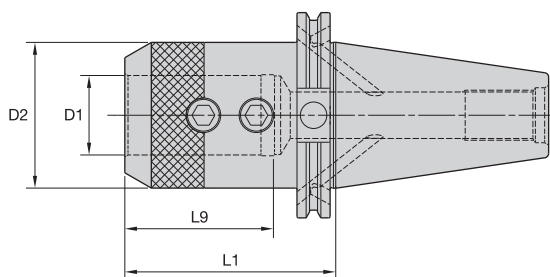
CV40Z toolholders deviate from ANSI-B5-50 standard. The 1.750" diameter in front of the V-flange has been eliminated to achieve short gage lengths.

NOTE: Do not overtighten lock screw; use torque recommendations above.

Supplied with lock screw.

Lock screw wrench not included.

For retention knobs, see page L45.



ERICKSON

■ EM IN-CV Form B/AD

order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1261613	CV40BEM050262	1/2	1.38	2.62	4.13	ELS044038PKG	7/32	20	2.48
1261614	CV40BEM062375	5/8	1.50	3.75	3.56	ELS056050PKG	1/4	40	2.95
1261615	CV40BEM075375	3/4	1.75	3.75	3.94	ELS062050PKG	5/16	70	3.18
1261616	CV40BEM100400	1	2.00	4.00	4.49	ELS075056PKG	3/8	110	3.37
1261617	CV40BEM125425	1 1/4	2.50	4.25	2.39	ELS075062PKG	3/8	110	4.97

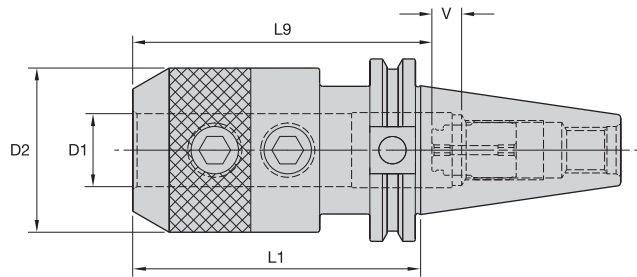
NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw.
 Lock screw wrench not included.
 For retention knobs, see page L45.

CAT40 Shank Tools

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

CAT40 Shank Tools

Straight Shank Adapters • Straight Shank with Flat Adapters



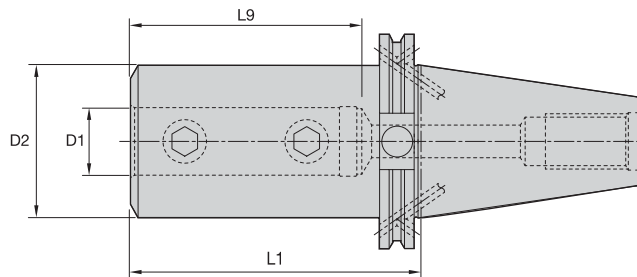
ERICKSON™

■ SS IN-CV Form AD



order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	ft. lbs.	stop screw	wrench size stop screw	lbs
1018426	CV40SS100400	1	2.25	4.00	3.75	.63	ELS075062PKG	3/8	110	CSS081125	1/8	4.06

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screws and stop screw.
Lock screw and stop screw wrench not included.
For retention knobs, see page L45.



ERICKSON™

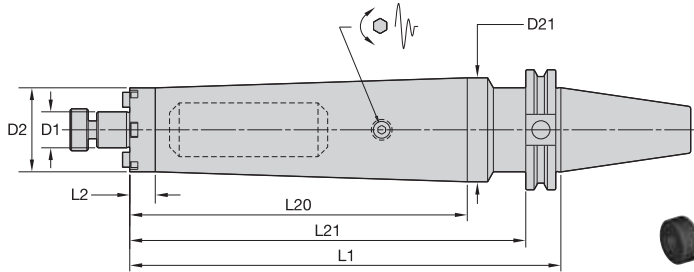
■ SSF IN-CV Form B/AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1749368	CV40BSSF075275	3/4	1.75	2.75	2.25	ELS062050PKG	5/16	70	2.78
1749369	CV40BSSF100450	1	2.00	4.50	3.25	DWG ELS075050	3/8	110	4.12
1749370	CV40BSSF125475	1 1/4	2.50	4.75	3.50	ELS075056PKG	3/8	110	5.44
1749471	CV40BSSF150575	1 1/2	2.75	5.75	4.00	ELS075056PKG	3/8	110	7.01

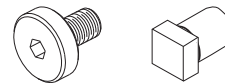
NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.
For retention knobs, see page L45.

Form AD	✓	✗	✗	✗	✗
Form B	✗	✓	✓	✓	✓
	40	(2x) MS2221S	2,5mm		
	50	(2x) MS1296S	3mm		



ERICKSON

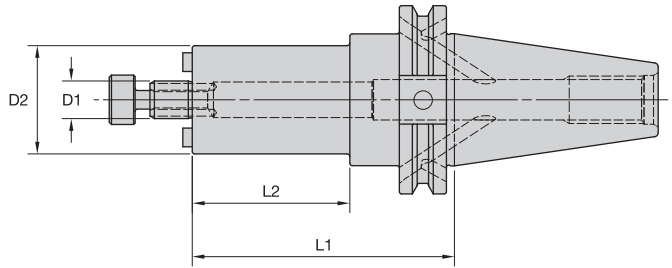
■ SMC TD Lock IN-CV Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L20	L21	lock screw	drive key	wrench size lock screw	lbs
4136187	CV40BTDSMC0750900	3/4	1.75	2.17	9.00	.53	7.03	8.25	KLS07	KDK05	1/4	8.34
4136188	CV40BTDSMC1000900	1	2.19	—	9.00	8.25	—	—	KLS10	KDK06	5/16	9.99

NOTE: Do not overtighten lock screw.
 Supplied with lock screw and drive keys.
 Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.
 Lock screw wrench not included.
 For retention knobs, see page L45.

Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm



ERICKSON™

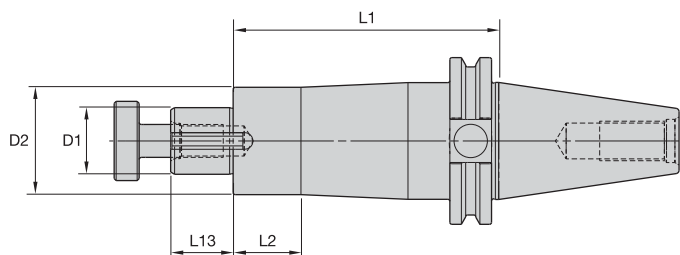
■ SMC Lock IN-CV Form B/AD



order number	catalog number	D1	D2	L1	L2	lock screw	drive key	wrench size lock screw	lbs
3641491	CV40BSM2C050350	1/2	1.20	3.50	2.09	KLS05	KDK04	3/16	2.80
3641490	CV40BSMC050350	1/2	1.44	3.50	2.09	KLS05	KDK04	3/16	3.05
3641514	CV40BSM2C075350	3/4	1.46	3.50	2.09	KLS07	—	1/4	3.12
3641516	CV40BSM2C075600	3/4	1.46	6.00	5.25	KLS07	—	1/4	4.14
3641489	CV40BSMC050138	1/2	1.75	1.38	.63	KLS05	KDK04	3/16	2.18
3641492	CV40BSMC075138	3/4	1.75	1.38	.63	KLS07	KDK05	1/4	2.25
3641513	CV40BSMC075350	3/4	1.75	3.50	2.09	KLS07	KDK05	1/4	3.56
3641515	CV40BSMC075600	3/4	1.75	6.00	5.25	KLS07	KDK05	1/4	5.10
3641518	CV40ZBSM2C100100	1	2.19	1.00	.25	KLS10	KDK06	5/16	2.21
3641520	CV40BSM2C100206	1	2.19	2.06	1.31	KLS10	KDK06	5/16	2.98
3641522	CV40BSM2C100400	1	2.19	4.00	3.25	KLS10	KDK06	5/16	4.30
3641524	CV40BSM2C100600	1	2.19	6.00	5.25	KLS10	KDK06	5/16	5.59
3641517	CV40ZBSMC100100	1	2.75	1.00	.25	KLS10	KDK06	5/16	2.33
3641519	CV40BSMC100206	1	2.75	2.06	1.31	KLS10	KDK06	5/16	3.28
3641521	CV40BSMC100400	1	2.75	4.00	3.25	KLS10	KDK06	5/16	4.70
3641523	CV40BSMC100600	1	2.75	6.00	5.25	KLS10	KDK06	5/16	5.99
3641525	CV40BSMC125212	1 1/4	2.88	2.12	1.37	KLS12	KDK08	5/16	3.79
3641526	CV40BSMC125400	1 1/4	2.88	4.00	3.25	KLS12	KDK08	5/16	5.08
3641527	CV40BSMC150241	1 1/2	3.81	2.41	1.66	KLS15	KDK10	3/8	5.36
3641528	CV40BSMC150400	1 1/2	3.81	4.00	3.25	KLS15	KDK10	3/8	6.85

NOTE: Do not overtighten lock screw.
 Supplied with lock screw and drive keys.
 Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.
 Lock screw wrench not included.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



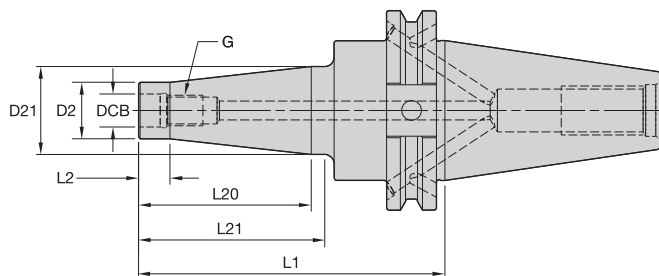
ERICKSON

SA IN-CV Form AD



order number	catalog number	D1	D2	L1	L13	L2	lock screw	wrench size lock screw	drive key	lbs
1261699	CV40SA062400	5/8	1.25	4.00	.78	2.63	KLS07	1/4	DWG SDK062088	3.10
1026215	CV40SA100400	1	1.61	4.00	.94	1.00	KLS10	5/16	DWG SDK100106	3.97
1026216	CV40SA125400	1 1/4	1.86	4.00	1.09	3.25	KLS12	5/16	DWG SDK125119	4.97

NOTE: Do not overtighten lock screw.
 Supplied with lock screw and drive key.
 Lock screw wrench not included.
 For retention knobs, see page L45.



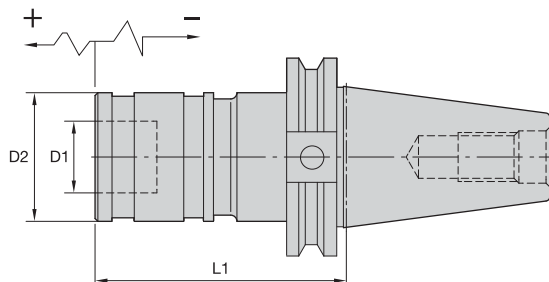
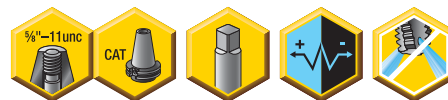
ERICKSON

■ ST-CV Form B/AD

order number	catalog number	DCB	G	D2	D21	L1	L2	L20	L21	kg
4073528	CV40BST06M228	6,5	M6	10	13	58	10	18	19	1,00
4073529	CV40BST06M386	6,5	M6	10	23	98	10	55	59	1,07
4073530	CV40BST08M228	8,5	M8	13	15	58	10	18	19	1,00
4073531	CV40BST08M386	8,5	M8	13	23	98	10	55	59	1,07
4073532	CV40BST10M228	10,5	M10	18	20	58	10	18	19	1,04
4073643	CV40BST10M386	10,5	M10	18	28	98	10	55	59	1,19
4073644	CV40BST12M228	12,5	M12	21	24	58	10	18	19	1,05
4073645	CV40BST12M386	12,5	M12	21	31	98	10	55	59	1,22
4073646	CV40BST16M228	17,0	M16	29	—	58	19	—	—	1,07
4073647	CV40BST16M386	17,0	M16	29	34	98	10	55	59	1,32

NOTE: For retention knobs, see page L45.

Form AD					
Form B					
		40	(2x) MS2221S	2,5mm	
		50	(2x) MS1296S	3mm	



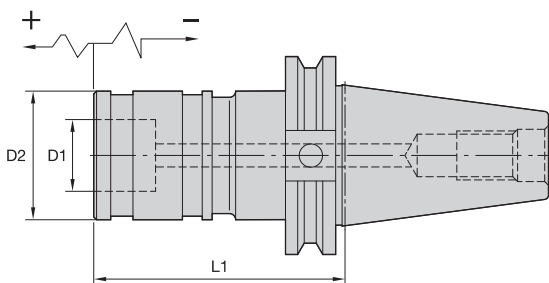
ERICKSON

■ RC-CV Form A

order number	catalog number	adapter size	tap size			D1	D2	L1	tension	compression	kg
			mm	in							
1615978	CV40TCRC1297	1	M1 - M14	#0 - 9/16		19	36	75	15,0	15,0	1,21
1615979	CV40TCRC2393	2	M5 - M24	5/16 - 7/8		31	53	98	25,0	25,0	1,62

NOTE: Quick-change tap adapters are available and must be ordered separately; see page J76.
For retention knobs, see page L45.

CAT40 Shank Tools

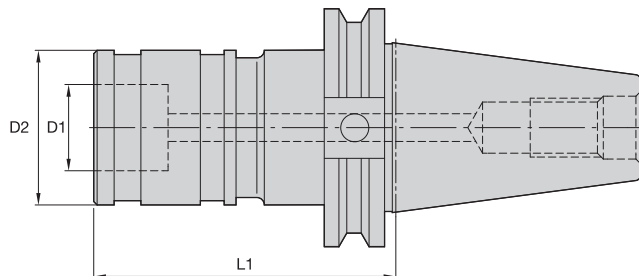


ERICKSON

■ RC Cool-CV Form AD

order number	catalog number	adapter size	tap size			D1	D2	L1	tension	compression	kg
			mm	in							
1615986	CV40CHTCRC1382	1	M1 - M14	#0 - 9/16		19	36	97	15,0	15,0	1,41
1615987	CV40CHTCRC2524	2	M5 - M24	5/16 - 7/8		31	53	133	20,0	20,0	2,40

NOTE: Quick-change tap adapters are available and must be ordered separately; see page J76.
For retention knobs, see page L45.

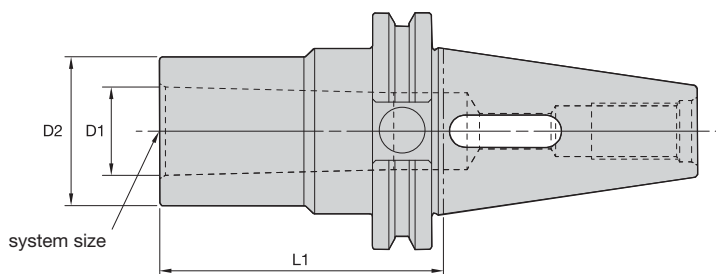


ERICKSON

STRC-CV Form AD

order number	catalog number	adapter size	tap size		D1	D2	L1	lbs
			mm	in				
1615969	CV40CSTRC1290	1	M1 - M14	#0 - 9/16	.75	1.26	2.88	2.60
1615971	CV40CSTRC2350	2	M5 - M24	5/16 - 7/8	1.22	1.97	3.50	3.50

NOTE: Quick-change tap adapters are available and must be ordered separately; see page J76.
For retention knobs, see page L45.

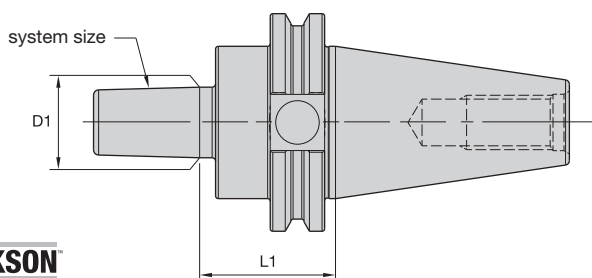


ERICKSON

MT-CV Form A

order number	catalog number	system size	D1	D2	L1	lbs
1025948	CV40MT1175	1	.48	.98	1.75	2.21
1025949	CV40MT2244	2	.70	1.26	2.44	2.30
1025950	CV40MT3300	3	.94	1.57	3.00	2.49
1025987	CV40MT4388	4	1.23	1.89	3.88	2.86

NOTE: For retention knobs, see page L45.



ERICKSON

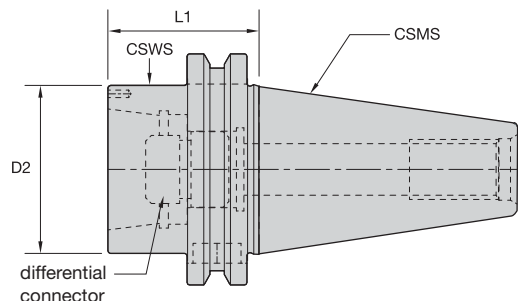
■ JT-CV Form A



order number	catalog number	system size	D1	L1	lbs
1025951	CV40JT2244	2	.56	1.57	2.33
1025953	CV40JT3278	3	.81	1.56	2.45
1025952	CV40JT33256	33	.62	1.56	2.32

NOTE: For retention knobs, see page L45.

- Differential connector included.



■ CV to KR Adapters B/AD • Metric

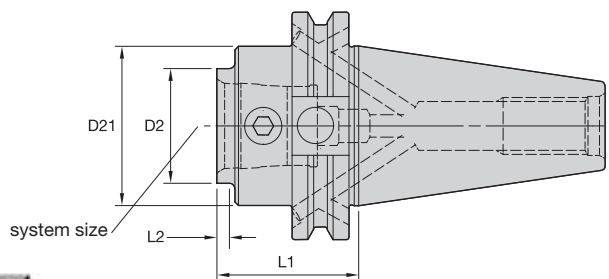
order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	kg	reference head
3554366	CV40BKR32157	CV40	KR32	47	40	KRDCKR32M	1,08	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
3554367	CV40BKR50236	CV40	KR50	65	60	KRDCKR50M	1,23	SVS4B,5B,SVU65,SVUBB2

■ CV to KR Adapters B/AD • Inch

order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	lbs	reference head
3554366	CV40BKR32157	CV40	KR32	1.85	1.581	KRDCKR32M	2.40	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
3554367	CV40BKR50236	CV40	KR50	2.56	2.368	KRDCKR50M	2.70	SVS4B,5B,SVU65,SVUBB2

NOTE: For more information on Romicon boring systems, see the Kennametal Innovations Master Catalog Cutting Tools 2013.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



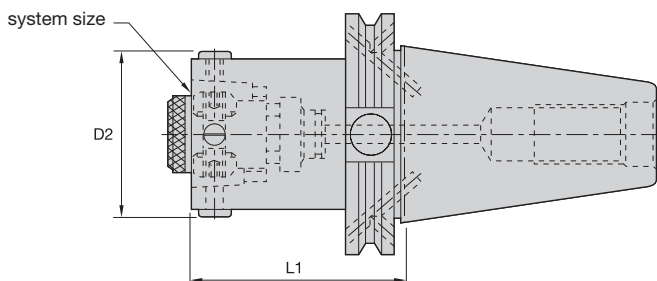
■ KM-CV Form B/AD



order number	catalog number	system size	D2	D21	L1	L2	KM spare parts package	wrench size actuation screw	ft. lbs.	lbs
2992433	CV40BKM32157	KM32	1.26	1.75	1.58	.37	KM32PKG3L	5mm	6	2.15
2992434	CV40BKM32354	KM32	1.26	1.75	3.54	2.14	KM32PKG3S	5mm	6	2.77
2992435	CV40BKM40157	KM40	1.58	1.75	1.58	.18	KM40PKG3L	6mm	9	2.12
2992436	CV40BKM40394	KM40	1.58	1.75	3.94	2.56	KM40PKG3S	6mm	9	3.29
2992437	CV40BKM50354	KM50	1.97	—	3.54	2.79	KM50PKG3S	10mm	20	3.51
2992438	CV40BKM50472	KM50	1.97	—	4.72	3.97	KM50PKG3S	10mm	20	4.23

NOTE: Do not overtorque actuation screw; use torque recommendations above.
Supplied with KM actuation mechanism.
For retention knobs, see page L45.

Form AD					
Form B					
		40	(2x) MS2221S	2,5mm	
		50	(2x) MS1296S	3mm	



ERICKSON

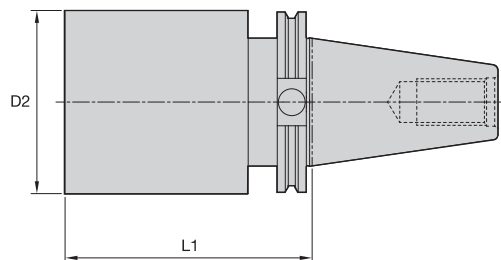
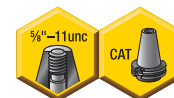
■ HSK-CV Form B/AD

order number	catalog number	system size	D2	L1	wrench size actuation screw	ft. lbs.	lbs
1533057	CV40BHSK63295	HSK63	2.76	2.95	5mm	15	2.65

NOTE: Do not overtorque actuation screw; use torque recommendations above.
Supplied with actuation mechanism and sealing ring.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Machinable front 20–30 HRC.



ERICKSON

■ BB-CV Form A

order number	catalog number	D2	L1	lbs
1020634	CV40BB400120	4.00	12.00	39.89
1020563	CV40BB400600	4.00	6.00	18.55

NOTE: For retention knob, see page L45.



ERICKSON™ CAT V-Flange Shank Tooling System • CV50 Series

Primary Application

ERICKSON V-Flange CAT Taper Tooling is manufactured from premium materials and meets or exceeds the latest ANSI B5.50 and ISO-1947 taper accuracy of AT3 specification standards. The CV50 tools are either pre-balanced to a high specification or balanced-by-design. For high speed applications Kennametal recommends that the complete toolholder assembly (toolholder, retention knobs, collets, hardware, and cutting tools) be balanced as one entity. Exact RPM limits can only be determined by considering machine and spindle configurations in conjunction with tooling design and safety limits factored as a complete system.



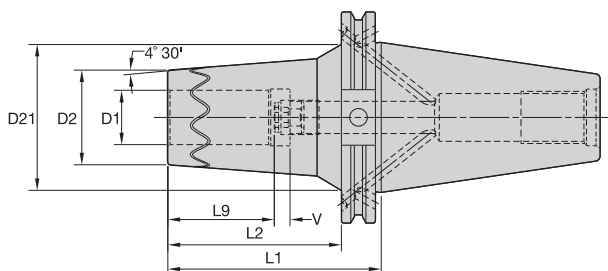


SAFE-LOCK[™]
by HAIMER

Features and Benefits

- ANSI B5.50 7/24 taper.
- Standard 1-8 drawbar thread.
- Taper accuracy of AT3 specification or better.
- All tools set to form AD coolant specification.
Many can be converted to form B style.
- Maximum 100 bar (1,500 psi) coolant pressure.

- **SAFE-LOCK™**, innovative and unique non-slip system.
- Suitable for carbide and HSS cutting tools.
- Need ≥ 10 kW shrink unit.



ERICKSON™

■ TT SF MM-CV Z FORM B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
5089650	CV50ZBSFTT12M315	12	27	55	80	61	37	10	2,95
5089651	CV50ZBSFTT14M315	14	33	43	80	61	37	10	3,08
5089652	CV50ZBSFTT16M315	16	33	43	80	61	37	10	3,04
5089653	CV50ZBSFTT18M315	18	45	54	80	61	40	10	3,39
5089654	CV50ZBSFTT20M315	20	45	54	80	61	42	10	3,35
5089655	CV50ZBSFTT25M394	25	44	68	100	81	48	10	3,63

Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance
1/2 & 5/8	.0000/- .0004
3/4, 7/8, 1	.0000/- .0005

■ TT SF IN-CV Z FORM B/AD

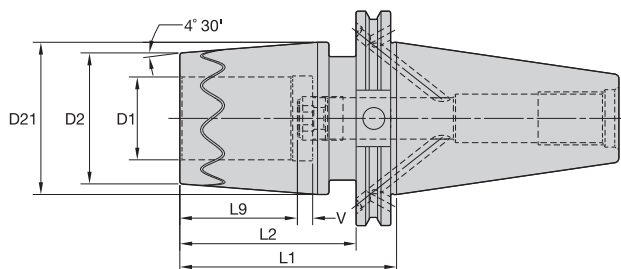
order number	catalog number	D1	D2	D21	L1	L2	L9	V	lbs
5089656	CV50ZBSFTT050315	1/2	1.06	2.17	3.15	2.40	1.46	.39	6.49
5089657	CV50ZBSFTT062315	5/8	1.31	1.69	3.15	2.40	1.46	.39	6.71
5089658	CV50ZBSFTT075315	3/4	1.76	2.14	3.15	2.40	1.65	.39	7.41
5089659	CV50ZBSFTT100394	1	1.73	2.68	3.94	3.19	1.89	.39	7.33

CV50Z toolholders deviate from ANSI-B5.50 standard. The 1.750" hub in front of the V-flange has been eliminated to achieve short gage lengths.

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder. Shrink Fit technical section, see page M78. Shrink Fit accessories, see pages L12–L13. HSK coolant unit and wrench are available and must be ordered separately; see page L44.

form AD					
form B					
			40	(2x) SFV40	1,5mm
			50	(2x) SFV50	1,5mm

- **SAFE-LOCK™**, innovative and unique non-slip system.
- Ultra short and heavy-duty design.
- Suitable for carbide and HSS cutting tools.
- Need ≥ 20 kW shrink unit.



ERICKSON

■ TT SF HD MM-CV Z FORM B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
5089660	CV50ZBSFHDTT25M354	25	63	71	90	71	48	10	4,29
5089661	CV50ZBSFHDTT32M354	32	70	78	90	71	51	10	4,44
5089662	CV50ZBSFHDTT40M394	40	82	90	100	81	78	10	5,07
5089663	CV50ZBSFHDTT50M551	50	82	94	140	121	78	10	6,77

Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
25	h6	0,000/-0,013
32, 40, & 50	h6	0,000/-0,016

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance
1, 1-1/4, 1-1/2, & 2	.0000/- .0005

■ TT SF HD IN-CV Z FORM B/AD

order number	catalog number	D1	D2	D21	L1	L9	V	lbs
5089664	CV50ZBSFHDTT100354	1	2.48	2.81	3.54	1.89	.39	9.44
5089665	CV50ZBSFHDTT125354	1 1/4	2.76	3.07	3.54	2.01	.39	9.81
5089666	CV50ZBSFHDTT150394	1 1/2	3.23	3.54	3.94	3.07	.39	11.35
5089667	CV50ZBSFHDTT200551	2	3.23	3.70	5.51	3.07	.39	14.84

CV50Z toolholders deviate from ANSI-B5.50 standard. The 2.750" hub in front of the V-flange has been eliminated to achieve short gage lengths.

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

Shrink Fit technical section, see page M78.

Shrink Fit accessories, see pages L12–L13.

HSK coolant unit and wrench are available and must be ordered separately; see page L44.

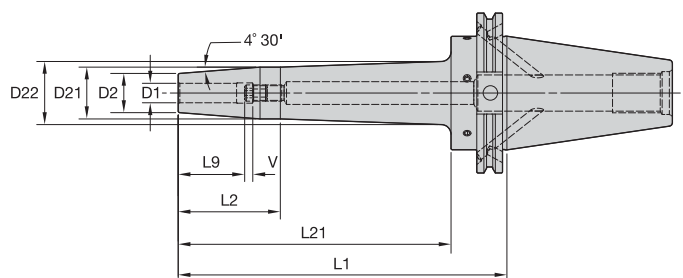
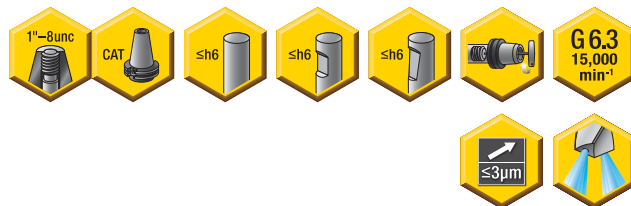
form AD				
form B			40	(2x) SFV40
			50	(2x) SFV50
				1,5mm
				1,5mm

CAT50 Shank Tools

Shrink Fit Toolholders General Purpose (GP)



- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide and HSS cutting tools (requirements below).



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
6	h6	0,000/-0,008
8 & 10	h6	0,000/-0,009
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON™

■ TT GP HPV MM-CV Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3683508	CV50BHPVTT06M350	6	21	27	—	89	54	—	26	10	TTSS05014M	2,5mm	3,13
3683509	CV50BHPVTT06M800	6	21	27	35	203	50	168	26	10	TTSS05014M	2,5mm	3,74
3683510	CV50BHPVTT08M350	8	21	27	—	89	54	—	26	10	TTSS06014M	3mm	3,12
3683511	CV50BHPVTT08M800	8	21	27	35	203	50	168	26	10	TTSS06014M	3mm	3,73
3683512	CV50BHPVTT10M375	10	24	32	—	95	60	—	31	10	TTSS08014M	4mm	3,21
3683513	CV50BHPVTT10M800	10	24	32	39	203	63	168	31	10	TTSS08014M	4mm	3,98
3615227	CV50BHPVTT12M375	12	24	32	—	95	60	—	36	10	TTSS10014M	5mm	3,17
3615228	CV50BHPVTT12M800	12	24	32	39	203	63	168	36	10	TTSS10014M	5mm	3,88
3615229	CV50BHPVTT14M375	14	27	34	—	95	60	—	36	10	TTSS10014M	5mm	3,22
3615230	CV50BHPVTT14M800	14	27	34	41	203	63	168	36	10	TTSS10014M	5mm	3,98
3615231	CV50BHPVTT16M375	16	27	34	—	95	60	—	39	10	TTSS12014M	6mm	3,19
3615232	CV50BHPVTT16M800	16	27	34	41	203	63	168	39	10	TTSS12014M	6mm	3,96
3615233	CV50BHPVTT18M400	18	33	42	—	102	67	—	39	10	TTSS12014M	6mm	3,40
3615234	CV50BHPVTT18M800	18	33	42	49	203	70	168	39	10	TTSS12014M	6mm	4,52
3615235	CV50BHPVTT20M400	20	33	42	—	102	67	—	41	10	TTSS16014M	8mm	3,36
3615236	CV50BHPVTT20M800	20	33	42	49	203	70	168	41	10	TTSS16014M	8mm	4,44
3615237	CV50BHPVTT25M400	25	44	53	—	102	67	—	47	10	TTSS16014M	8mm	3,67
3615238	CV50BHPVTT25M800	25	44	53	60	203	70	168	47	10	TTSS16014M	8mm	5,44
3615239	CV50BHPVTT32M400	32	44	53	—	102	67	—	51	10	TTSS16014M	8mm	3,51
3615240	CV50BHPVTT32M800	32	44	53	60	203	70	168	51	10	TTSS16014M	8mm	5,28

(continued)

(TT GP HPV continued)

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance
1/4, 5/16, & 3/8	.0000/- .0004
7/16, 1/2, 9/16, 5/8, & 11/16	.0000/- .0004
3/4, 7/8, 1, 1-1/4, 1-1/2, & 2	.0000/- .0005

■ TT GP HPV IN-CV Form B/AD



order number	catalog number	D1	D2	D21	L1	D22	L2	L9	L21	V	stop screw	wrench size stop screw	lbs
3683498	CV50BHPVTT025350	1/4	.83	1.06	3.50	—	2.13	1.02	—	.39	TTSS05014M	2,5mm	6.89
3683499	CV50BHPVTT025800	1/4	.83	1.06	8.00	1.38	1.97	1.02	6.63	.39	TTSS05014M	2,5mm	8.25
3683500	CV50BHPVTT031350	5/16	.83	1.06	3.50	—	2.13	1.02	—	.39	TTSS06014M	3mm	6.88
3683501	CV50BHPVTT031800	5/16	.83	1.06	8.00	1.38	1.97	1.02	6.63	.39	TTSS06014M	3mm	8.23
3683502	CV50BHPVTT038375	3/8	.95	1.26	3.75	—	2.38	1.22	—	.39	TTSS08014M	4mm	7.07
3683503	CV50BHPVTT038800	3/8	.95	1.26	8.00	1.55	2.48	1.22	6.63	.39	TTSS08014M	4mm	8.77
3683504	CV50BHPVTT044375	7/16	.95	1.26	3.75	—	2.38	1.42	—	.39	TTSS10014M	5mm	7.04
3683505	CV50BHPVTT044800	7/16	.95	1.26	8.00	1.55	2.48	1.42	6.63	.39	TTSS10014M	5mm	8.75
3615189	CV50BHPVTT050375	1/2	.95	1.26	3.75	—	2.38	1.42	—	.39	TTSS10014M	5mm	6.95
3615190	CV50BHPVTT050800	1/2	.95	1.26	8.00	1.55	2.48	1.42	6.63	.39	TTSS10014M	5mm	8.52
3615191	CV50BHPVTT056375	9/16	1.06	1.34	3.75	—	2.38	1.42	—	.39	TTSS10014M	5mm	7.06
3615192	CV50BHPVTT062375	5/8	1.06	1.34	3.75	—	2.38	1.54	—	.39	TTSS12014M	6mm	7.01
3615193	CV50BHPVTT062800	5/8	1.06	1.34	8.00	1.62	2.48	1.54	6.63	.39	TTSS12014M	6mm	8.72
3615194	CV50BHPVTT068400	11/16	1.30	1.65	4.00	—	2.63	1.54	—	.39	TTSS12014M	6mm	7.48
3615195	CV50BHPVTT075400	3/4	1.30	1.65	4.00	—	2.63	1.61	—	.39	TTSS16014M	8mm	7.41
3615196	CV50BHPVTT075800	3/4	1.30	1.65	8.00	1.92	2.76	1.61	6.63	.39	TTSS16014M	8mm	9.80
3615197	CV50BHPVTT088400	7/8	1.30	1.65	4.00	—	2.63	1.61	—	.39	TTSS16014M	8mm	7.32
3615198	CV50BHPVTT088800	7/8	1.30	1.65	8.00	1.92	2.76	1.61	6.63	.39	TTSS16014M	8mm	9.71
3615199	CV50BHPVTT100400	1	1.73	2.08	4.00	—	2.63	1.85	—	.39	TTSS16014M	8mm	8.05
3615200	CV50BHPVTT100800	1	1.73	2.08	8.00	2.35	2.76	1.85	6.63	.39	TTSS16014M	8mm	11.97
3615201	CV50BHPVTT125400	1 1/4	1.73	2.08	4.00	—	2.63	2.01	—	.39	TTSS16014M	8mm	7.74
3615202	CV50BHPVTT125800	1 1/4	1.73	2.08	8.00	2.35	2.76	2.01	6.63	.39	TTSS16014M	8mm	11.65
3683506	CV50BHPVTT150450	1 1/2	2.36	2.75	4.50	—	3.75	2.01	—	.39	TTSS20014M	10mm	9.81
3683507	CV50BHPVTT200450	2	2.72	3.11	4.50	—	3.75	2.20	—	.39	TTSS20014M	10mm	10.07

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

Shrink fit technical section, see page M78.

Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5 lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.

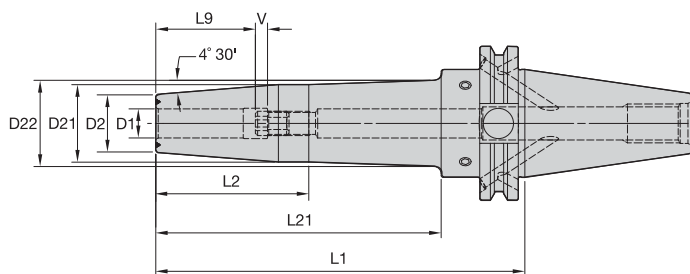
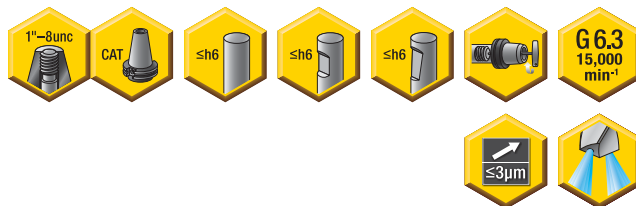
Form AD						
Form B				40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm

CAT50 Shank Tools

Shrink Fit Toolholders High Torque (HT)



- 30–50% higher clamping torque compared to GP line.
- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide only, designated by groove in front face (requirements below).
- 10 kW power or greater Shrink Fit device must be used.



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16 & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON

■ TT HT HPV MM-CV Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3618044	CV50BHPVTTH12M375	12	24	32	—	95	60	—	36	10	TTSS10014M	5mm	3,17
3618045	CV50BHPVTTH12M800	12	24	32	39	203	63	168	36	10	TTSS10014M	5mm	3,88
3618046	CV50BHPVTTH14M375	14	27	34	—	95	60	—	36	10	TTSS10014M	5mm	3,21
3618047	CV50BHPVTTH14M800	14	27	34	41	203	63	168	36	10	TTSS10014M	5mm	3,98
3618048	CV50BHPVTTH16M375	16	27	34	—	95	60	—	39	10	TTSS12014M	6mm	3,19
3618049	CV50BHPVTTH16M800	16	27	34	41	203	63	168	39	10	TTSS12014M	6mm	3,96
3618050	CV50BHPVTTH18M400	18	33	42	—	102	67	—	39	10	TTSS12014M	6mm	3,40
3618051	CV50BHPVTTH18M800	18	33	42	49	203	70	168	39	10	TTSS12014M	6mm	4,52
3618052	CV50BHPVTTH20M400	20	33	42	—	102	67	—	41	10	TTSS16014M	8mm	3,36
3618053	CV50BHPVTTH20M800	20	33	42	49	203	70	168	41	10	TTSS16014M	8mm	4,44
3618054	CV50BHPVTTH25M400	25	44	53	—	102	67	—	47	10	TTSS16014M	8mm	3,67
3618055	CV50BHPVTTH25M800	25	44	53	60	203	70	168	47	10	TTSS16014M	8mm	5,44
3618056	CV50BHPVTTH32M400	32	44	53	—	102	67	—	51	10	TTSS16014M	8mm	3,51
3618057	CV50BHPVTTH32M800	32	44	53	60	203	70	168	51	10	TTSS16014M	8mm	5,28

(continued)

(TT HT HPV continued)

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance
1/2, 9/16, 5/8 & 11/16	.0000/- .0004
3/4, 7/8, 1 & 1-1/4	.0000/- .0005

■ TT HT HPV IN-CV Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L9	L21	V	stop screw	wrench size stop screw	lbs
3618016	CV50BHPVTTH050375	1/2	.95	1.26	—	3.75	2.38	1.42	—	.39	TTSS10014M	5mm	6.95
3618017	CV50BHPVTTH050800	1/2	.95	1.26	1.55	8.00	2.48	1.42	6.63	.39	TTSS10014M	5mm	8.52
3618018	CV50BHPVTTH056375	9/16	1.06	1.34	—	3.75	2.38	1.42	—	.39	TTSS10014M	5mm	7.06
3618019	CV50BHPVTTH062375	5/8	1.06	1.34	—	3.75	2.38	1.54	—	.39	TTSS12014M	6mm	7.01
3618020	CV50BHPVTTH062800	5/8	1.06	1.34	1.62	8.00	2.48	1.54	6.63	.39	TTSS12014M	6mm	8.72
3618021	CV50BHPVTTH068400	11/16	1.30	1.65	—	4.00	2.63	1.54	—	.39	TTSS12014M	6mm	7.48
3618022	CV50BHPVTTH075400	3/4	1.30	1.65	—	4.00	2.63	1.61	—	.39	TTSS16014M	8mm	7.41
3618023	CV50BHPVTTH075800	3/4	1.30	1.65	1.92	8.00	2.76	1.61	6.63	.39	TTSS16014M	8mm	9.80
3618024	CV50BHPVTTH088400	7/8	1.30	1.65	—	4.00	2.63	1.61	—	.39	TTSS16014M	8mm	7.32
3618025	CV50BHPVTTH088800	7/8	1.30	1.65	1.92	8.00	2.76	1.61	6.63	.39	TTSS16014M	8mm	9.72
3618026	CV50BHPVTTH100400	1	1.73	2.08	—	4.00	2.63	1.85	—	.39	TTSS16014M	8mm	8.05
3618027	CV50BHPVTTH100800	1	1.73	2.08	2.35	8.00	2.76	1.85	6.63	.39	TTSS16014M	8mm	11.97
3618028	CV50BHPVTTH125400	1 1/4	1.73	2.08	—	4.00	2.63	2.01	—	.39	TTSS16014M	8mm	7.74
3618029	CV50BHPVTTH125800	1 1/4	1.73	2.08	2.35	8.00	2.76	2.01	6.63	.39	TTSS16014M	8mm	11.65

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

Shrink Fit technical section, see page M78.

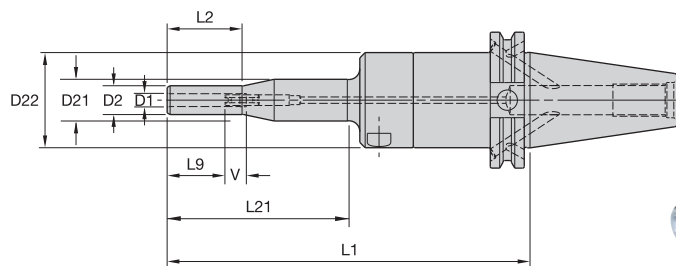
Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5 lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.

Form AD						
Form B						
		40	(2x) MS2221S	2,5mm		
		50	(2x) MS1296S	3mm		



ERICKSON

■ HC Slim T MM-CV Form B/AD

order number	catalog number	D1	D2	D21	D22	L1	L2	L9	L21	V	kg
3019251	CV50BHCSLT06M787	6	13,5	19,5	44	200	35	27	85	10	4,17
3019252	CV50BHCSLT08M787	8	15,5	19,5	44	200	35	27	85	10	4,18
3019253	CV50BHCSLT10M787	10	17,5	44,5	70	200	85	31	141	10	4,17

■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
CV50BHCSLT06M787	170.135	5mm	170.002	2,5mm
CV50BHCSLT08M787	170.135	5mm	170.002	2,5mm
CV50BHCSLT10M787	170.135	5mm	170.003	3mm

■ HC Slim T IN-CV Form B/AD

order number	catalog number	D1	D2	D21	D22	L1	L2	L9	V	lbs
3019260	CV50BHCSLT025787	.25	.54	.77	1.75	7.87	1.38	1.06	.39	9.22
3019261	CV50BHCSLT038787	.38	.69	1.75	2.75	7.87	3.35	1.22	.39	9.19

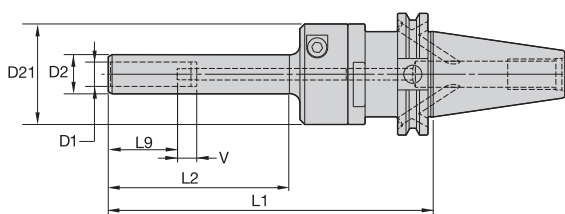
■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
CV50BHCSLT025787	170.135	5mm	170.002	2,5mm
CV50BHCSLT038787	170.135	5mm	170.003	3mm

(continued)

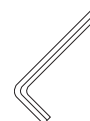
(HC Slim continued)



■ HC Slim MM-CV Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
2508155	CV50BHCSL12M787	12	19,5	44,5	200	95	36	10	3,91
3019254	CV50BHCSL14M787	14	21,5	52,5	200	95	36	10	4,25
3019255	CV50BHCSL16M787	16	23,5	52,5	200	95	39	10	4,27
3019256	CV50BHCSL18M787	18	25,5	52,5	200	95	39	10	4,31
2508156	CV50BHCSL20M787	20	27,5	52,5	200	95	41	10	4,32

■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
CV50BHCSL12M787	170.135	5mm	170.002	2,5mm
CV50BHCSL14M787	170.135	5mm	170.002	2,5mm
CV50BHCSL16M787	170.135	5mm	170.002	2,5mm
CV50BHCSL18M787	170.135	5mm	170.002	2,5mm
CV50BHCSL20M787	170.135	5mm	170.002	2,5mm

■ HC Slim IN-CV Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	lbs
2508157	CV50BHCSL050787	.50	.81	2.07	7.87	3.74	1.42	.39	9.28
3019262	CV50BHCSL062787	.63	.93	2.07	7.87	3.74	1.54	.39	9.41
2508158	CV50BHCSL075787	.75	1.06	2.07	7.87	3.74	1.61	.39	9.52

■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
CV50BHCSL050787	170.135	5mm	170.002	2,5mm
CV50BHCSL062787	170.135	5mm	170.002	2,5mm
CV50BHCSL075787	170.135	5mm	170.002	2,5mm

NOTE: Do not overtorque actuation screw. Use supplied wrench and tighten by hand until stop is felt.

Hydraulic chuck technical section, see page M84.

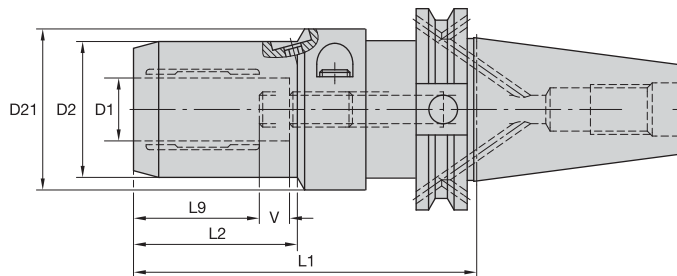
Supplied with stop screw and actuation wrench.

Unable to use SEFAS™ chamfering rings on this design.

Reduction sleeves are available and must be ordered separately; see page J2.

For retention knobs, see page L45.

Form AD					
40	(2x) MS2221S	2,5mm			
50	(2x) MS1296S	3mm			



ERICKSON

■ HC MM-CV Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw	kg
2079529	CV50BHC06M350	6	25,7	63	89	33	27	10	170.135	5mm	170.002	2,5mm	3,44
2079530	CV50BHC08M350	8	27,7	63	89	33	27	10	170.135	5mm	170.002	2,5mm	3,46
2079531	CV50BHC10M375	10	29,7	63	95	37	31	10	170.135	5mm	170.002	2,5mm	3,54
2079532	CV50BHC12M375	12	31,6	63	95	40	36	10	170.135	5mm	170.002	2,5mm	3,52
2079563	CV50BHC14M400	14	33,6	63	102	46	41	10	170.135	5mm	170.003	3mm	3,56
2079564	CV50BHC16M400	16	37,6	63	102	47	41	10	170.135	5mm	170.003	3mm	3,62
2079565	CV50BHC18M400	18	39,6	63	102	47	41	10	170.135	5mm	170.003	3mm	3,64
2079566	CV50BHC20M400	20	41,6	63	102	48	41	10	170.135	5mm	170.003	3mm	3,67
1605226	CV50BHC25M462	25	49,9	63	117	51	51	10	170.136	6mm	170.004	4mm	4,10
1605227	CV50BHC32M462	32	59,9	63	117	59	51	10	170.136	6mm	170.004	4mm	4,29

■ HC IN-CV Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw	lbs
2079524	CV50BHC025350	1/4	1.01	2.48	3.50	1.30	1.06	.39	170.135	5mm	170.002	2,5mm	7.59
2079525	CV50BHC038375	3/8	1.17	2.48	3.75	1.46	1.22	.39	170.135	5mm	170.002	2,5mm	7.83
2079526	CV50BHC050375	1/2	1.24	2.48	3.75	1.57	1.42	.39	170.135	5mm	170.002	2,5mm	7.74
2079527	CV50BHC062400	5/8	1.48	2.48	4.00	1.83	1.54	.39	170.135	5mm	170.003	3mm	8.00
2079528	CV50BHC075400	3/4	1.64	2.48	4.00	1.89	1.61	.39	170.135	5mm	170.003	3mm	8.11
1605143	CV50BHC100462	1	1.96	2.48	4.63	2.01	1.81	.39	170.136	6mm	170.004	4mm	9.06
1605144	CV50BHC125462	1 1/4	2.36	2.48	4.63	2.32	1.97	.39	170.136	6mm	170.004	4mm	9.50

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrench must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

Form AD					
Form B					
		40	(2x) MS2221S	2,5mm	
		50	(2x) MS1296S	3mm	



KM4XTM

The Next Generation Spindle Interface for Heavy-Duty Machining!

KM4X is designed to take on your most aggressive machining jobs. This next generation KMTM spindle interface should be your first choice for heavy-duty machining applications. It's especially suited for large structural components, like titanium aerospace components.

We engineered these rotating and static tool adaptors to handle 3x more bending capacity than similar competitive models.

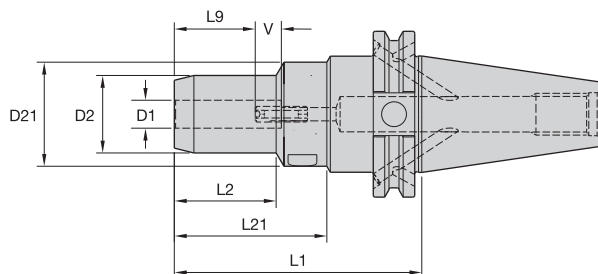
What does this mean for you?

- Enables full use of machine and cutting tools for the highest productivity.
- Higher metal removal rates.
- Can retrofit to existing machines to boost throughput without buying new equipment .
- Ideal for aerospace and transportation industry machining jobs.

Experience the advantages at your Authorized Kennametal Distributor or at www.kennametal.com.

www.kennametal.com





ERICKSON

■ HC Trend MM-CV Form B/AD



order number	catalog number	D1	D2	D21	L1	L2	L21	L9	V	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw	kg
2977690	CV50BHCT06M350	6	25,7	63	89	33	53	27	10	170.135	6mm	170.003	3mm	3,48
2452778	CV50BHCT06M600	6	25,7	63	152	100	117	27	10	170.135	5mm	170.003	3mm	3,68
2977691	CV50BHCT08M350	8	27,7	63	89	33	53	27	10	170.135	5mm	170.003	3mm	3,55
2452779	CV50BHCT08M600	8	27,7	63	152	100	117	27	10	170.135	5mm	170.003	3mm	3,73
2977692	CV50BHCT10M375	10	29,7	63	95	37	59	31	10	170.135	5mm	170.003	3mm	3,58
2452780	CV50BHCT10M600	10	29,7	63	152	100	117	31	10	170.135	5mm	170.003	3mm	3,80
2977693	CV50BHCT12M375	12	31,6	63	95	40	59	36	10	170.135	5mm	170.003	3mm	3,56
2452781	CV50BHCT12M600	12	31,6	63	152	100	117	36	10	170.135	5mm	170.005	5mm	3,85
2977694	CV50BHCT14M400	14	33,6	63	102	46	66	41	10	170.135	5mm	170.005	5mm	3,60
2452782	CV50BHCT14M600	14	33,6	63	152	100	117	36	10	170.135	5mm	170.005	5mm	3,92
2977695	CV50BHCT16M400	16	37,6	63	102	47	66	41	10	170.135	5mm	170.005	5mm	3,67
2453233	CV50BHCT16M600	16	37,6	63	152	100	117	39	10	170.135	5mm	170.005	5mm	4,08
2977696	CV50BHCT18M400	18	39,6	63	102	47	66	41	10	170.135	5mm	170.005	5mm	3,70
2453234	CV50BHCT18M600	18	39,6	63	152	100	117	39	10	170.135	5mm	170.005	5mm	4,15
2977697	CV50BHCT20M400	20	41,6	63	102	48	66	41	10	170.135	5mm	170.005	5mm	3,71
2453235	CV50BHCT20M600	20	41,6	63	152	100	117	41	10	170.135	5mm	170.005	5mm	4,23
2977698	CV50BHCT25M462	25	49,9	63	117	51	81	51	10	170.136	6mm	170.005	5mm	4,15
2977699	CV50BHCT32M462	32	59,9	63	117	59	81	51	10	170.136	6mm	170.005	5mm	4,33

(continued)

(HC Trend continued)

■ HC Trend IN-CV Form B/AD

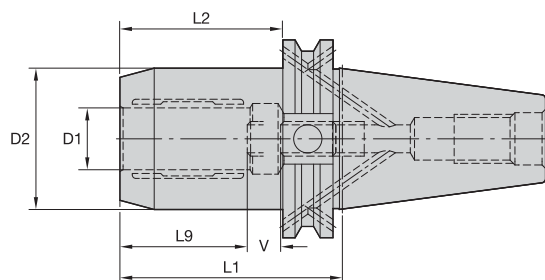


order number	catalog number	D1	D2	D21	L1	L2	L21	L9	V	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw	lbs
2977683	CV50BHCT025350	1/4	1.01	2.47	3.50	1.30	2.08	1.06	.39	170.135	5mm	170.003	3mm	7.67
2452210	CV50BHCT025600	1/4	1.01	2.47	6.00	3.94	4.59	1.06	.39	170.135	5mm	170.003	3mm	8.10
2977684	CV50BHCT038375	3/8	1.17	2.47	3.75	1.46	2.33	1.22	.39	170.135	5mm	170.003	3mm	7.89
2452774	CV50BHCT038600	3/8	1.17	2.47	6.00	3.94	4.59	1.22	.39	170.135	5mm	170.003	3mm	8.36
2977685	CV50BHCT050375	1/2	1.24	2.47	3.75	1.57	2.33	1.42	.39	170.135	5mm	170.003	3mm	7.83
2452775	CV50BHCT050600	1/2	1.24	2.47	6.00	3.94	4.59	1.42	.39	170.135	5mm	170.005	5mm	8.47
2977686	CV50BHCT062400	5/8	1.48	2.47	4.00	1.83	2.58	1.54	.39	170.135	5mm	170.005	5mm	8.09
2452776	CV50BHCT062600	5/8	1.48	2.47	6.00	3.94	4.59	1.54	.39	170.135	5mm	170.005	5mm	8.98
2977687	CV50BHCT075400	3/4	1.64	2.47	4.00	1.89	2.58	1.61	.39	170.135	5mm	170.005	5mm	8.20
2452777	CV50BHCT075600	3/4	1.64	2.47	6.00	3.94	4.59	1.61	.39	170.135	5mm	170.005	5mm	9.33
2977688	CV50BHCT100462	1	1.96	2.47	4.63	2.01	3.21	1.81	.39	170.136	6mm	170.005	5mm	9.17
2977689	CV50BHCT125462	1 1/4	2.35	2.47	4.63	2.32	3.21	1.97	.39	170.136	6mm	170.005	5mm	9.57

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrench must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

CAT50 Shank Tools

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

■ HC Basic MM-CV Form B/AD

order number	catalog number	D1	D2	L1	L2	L9	V	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw	kg
2001977	CV50BHC20M400	20	62,9	102	65	41	10	170.135	5mm	170.005	5mm	4,38

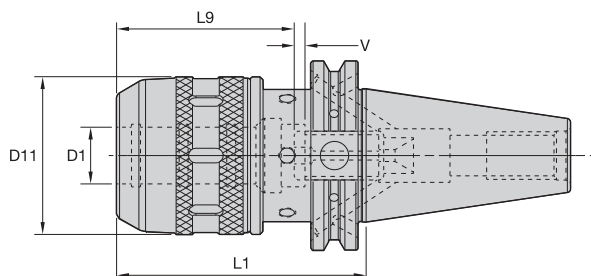
■ HC Basic IN-CV Form B/AD

order number	catalog number	D1	D2	L1	L2	L9	V	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw	lbs
2001978	CV50BHC075400	3/4	2.47	4.00	2.56	1.61	.39	170.135	5mm	170.005	5mm	9.68

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
Hydraulic chuck technical section, see page M84.
Supplied with stop screw.
Actuation wrench must be ordered separately.
Reduction sleeves are available and must be ordered separately; see page J2.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Heavy- and fine-milling capabilities.
- Balancable — fine tune with optional M6 set screws.



ERICKSON

■ HPMC IN-CV Form B/AD

order number	catalog number	D1	D11	L1	L9	V	locknut wrench	stop screw	wrench size stop screw	lbs
3100403	CV50BHPMC075354	3/4	2.09	3.54	1.93	.79	PSW52M	MCSS16040M	2,5mm & 5mm	8.10
3100404	CV50BHPMC075650	3/4	2.09	6.50	1.93	.79	PSW52M	MCSS16040M	2,5mm & 5mm	10.50
3100405	CV50BHPMC100354	1	2.40	3.54	2.17	.79	PSW58M	MCSS16040M	2,5mm & 5mm	8.50
3100406	CV50BHPMC100531	1	2.40	5.32	2.17	.79	PSW58M	MCSS16040M	2,5mm & 5mm	10.50
3100407	CV50BHPMC100650	1	2.40	6.50	2.17	.79	PSW58M	MCSS16040M	2,5mm & 5mm	11.85
3100408	CV50BHPMC125354	1 1/4	2.76	3.54	2.28	.79	PSW68M	MCSS16040M	2,5mm & 5mm	9.00
3100409	CV50BHPMC125531	1 1/4	2.91	5.32	2.95	.79	PSW68M	MCSS16040M	2,5mm & 5mm	11.70
3100410	CV50BHPMC125650	1 1/4	2.91	6.50	2.95	.79	PSW68M	MCSS16040M	2,5mm & 5mm	13.50

NOTE: Milling chuck technical section, see page M88.

Supplied with locknut and stop screw.

Locknut wrench not included.

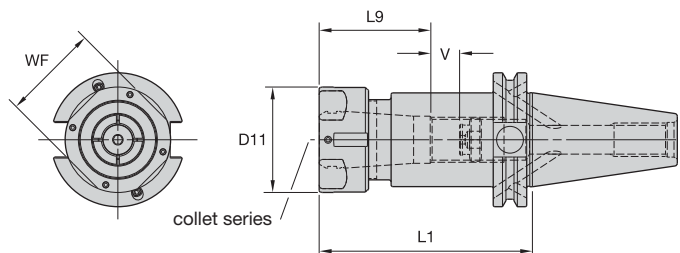
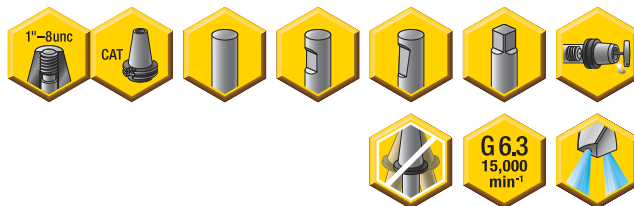
Optional M6~1,0P fine-balancing screw set is available (order number HPMCBALSCREWSET) and must be ordered separately; see page L14.

Reduction sleeves are available and must be ordered separately; see page J6.

For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Tremendous Grip (3:1 advantage).
- Totally flush face, locknut to collet.
- Locknut uses either open end wrench or spanner wrench.
- Locknut disk sealing cap available for through coolant to prevent collet contamination.



TG collet series	Collet Capacity			
	mm	inch	min	max
TG50	1,1	13,5	1/32	17/32
TG75	2,6	20,0	3/64	3/4
TG100	2,6	25,5	5/64	1

ERICKSON™

■ TG Flush-CV Form B/AD



order number	catalog number	collet series	D11	L1	L9	V	WF	locknut	wrench	ft. lbs.	stop screw	wrench size	stop screw	lbs.
2993251	CV50BTGF075275	TG75	1.97	2.75	1.89	1	2	LNATGF075M	HSW45M	100	SS081041G	4mm & 5/32		7.21
2993247	CV50BTGF050275	TG50	1.50	2.75	1.46	2	1	LNATGF050M	HSW34M	50	SS056041G	4mm & 5/32		7.06
2993255	CV50BTGF100275	TG100	2.36	2.75	2.44	1	2	LNATGF100M	HSW58M	150	SS112041G	4mm & 5/32		7.13
2993248	CV50BTGF050400	TG50	1.50	4.00	1.46	2	1	LNATGF050M	HSW34M	50	SS056041G	4mm & 5/32		7.38
2993256	CV50BTGF100400	TG100	2.36	4.00	2.44	1	2	LNATGF100M	HSW58M	150	SS112041G	4mm & 5/32		8.28
2993252	CV50BTGF075400	TG75	1.97	4.00	1.89	2	2	LNATGF075M	HSW45M	100	SS081041G	4mm & 5/32		8.15
2993253	CV50BTGF075600	TG75	1.97	6.00	1.89	2	2	LNATGF075M	HSW45M	100	SS081041G	4mm & 5/32		9.52
2993249	CV50BTGF050600	TG50	1.50	6.00	1.46	2	1	LNATGF050M	HSW34M	50	SS056041G	4mm & 5/32		7.75
2993257	CV50BTGF100600	TG100	2.36	6.00	2.44	3	2	LNATGF100M	HSW58M	150	SS112041G	4mm & 5/32		10.39
2993250	CV50BTGF050800	TG50	1.50	8.00	1.46	2	1	LNATGF050M	HSW34M	50	SS056041G	4mm & 5/32		8.48
2993258	CV50BTGF100800	TG100	2.36	8.00	2.44	3	2	LNATGF100M	HSW58M	150	SS112041G	4mm & 5/32		12.53
2993254	CV50BTGF075800	TG75	1.97	8.00	1.89	2	2	LNATGF075M	HSW45M	100	SS081041G	4mm & 5/32		11.02

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Disk sealing cap and coolant disks are available and must be ordered separately; see pages L16–L17.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.
 TG standard straight-bore collets, see page J10.
 TG tap collets, see page J10.
 For retention knobs, see page L45.

Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm

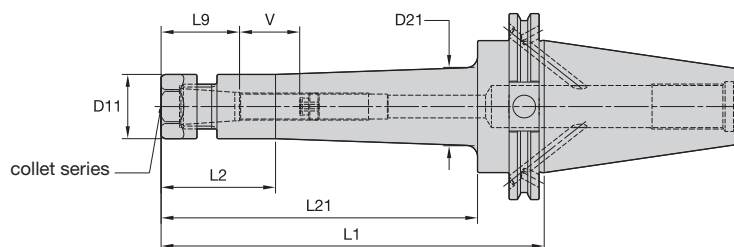


KMTM The ISO 26622 **QUICK CHANGE** Standard

KMTM Quick-Change Tooling — the ISO 26622 Standard.

- Our unique three-surface taper contact design makes this the most rigid and accurate modular quick-change tooling system available.
- It's highly versatile, too: can be fully and easily employed on your lathe, machining center, multi-spindle, or mill-turn machine — significantly reducing your tool-change and part setup downtime!

- Tremendous Grip (3:1 advantage).



TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG50	1,3	13,5	1/32	17/32

ERICKSON

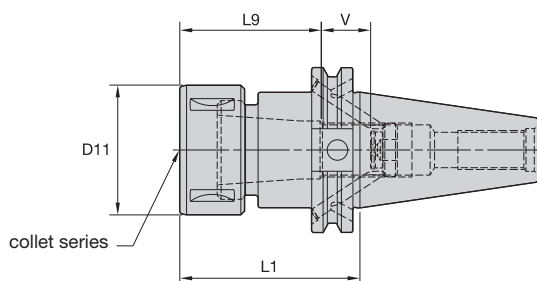
■ TG Hex-CV Form B/AD



order number	catalog number	collet series	D11	D21	L1	L2	L21	L9	V	locknut	wrench	ft. lbs.	stop screw	wrench size stop screw	lbs
4135687	CV50BTG050300	TG50	1.34	—	3.00	1.59	—	1.50	1.81	LN050M	OEW30M	50	SS056041G	4mm & 5/32	7.06
4135688	CV50BTG050500	TG50	1.34	—	5.00	3.59	—	1.50	2.44	LN050M	OEW30M	50	SS056041G	4mm & 5/32	7.58
4135689	CV50BTG050800	TG50	1.34	1.63	8.00	2.00	6.59	1.50	2.44	LN050M	OEW30M	50	SS056041G	4mm & 5/32	8.93
4135690	CV50BTG0501000	TG50	1.34	1.70	10.00	3.00	8.59	1.50	2.44	LN050M	OEW30M	50	SS056041G	4mm & 5/32	9.85
4135691	CV50BTG0501200	TG50	1.34	1.81	12.00	3.50	10.59	1.50	2.44	LN050M	OEW30M	50	SS056041G	4mm & 5/32	10.97

(continued)

(TG Form B/AD continued)



TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG75	2,6	20,0	3/64	3/4
TG100	2,6	25,5	5/64	1

■ TG Round-CV Form B/AD

order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	ft. lbs.	stop screw	wrench size stop screw	lbs
1261786	CV50BTG075300G	TG75	1.97	3.00	1.93	1.46	LNA075M	HSW45M	100	SS081041G	4mm & 5/32	7.34
1261787	CV50BTG075600G	TG75	1.97	6.00	1.93	4.45	LNA075M	HSW45M	100	SS081041G	4mm & 5/32	9.56
1261788	CV50BTG100300G	TG100	2.36	3.00	2.56	.98	LNA100M	HSW58M	150	SS112041G	4mm & 5/32	7.32
1261789	CV50BTG100750G	TG100	2.36	7.50	2.56	5.12	LNA100M	HSW58M	150	SS112041G	4mm & 5/32	11.80

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool,

then tighten to the recommended tightening torque.

Collet chuck technical section, see page M98.

Supplied with locknut and stop screw.

Locknut wrench must be ordered separately.

Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.

Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.

Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.

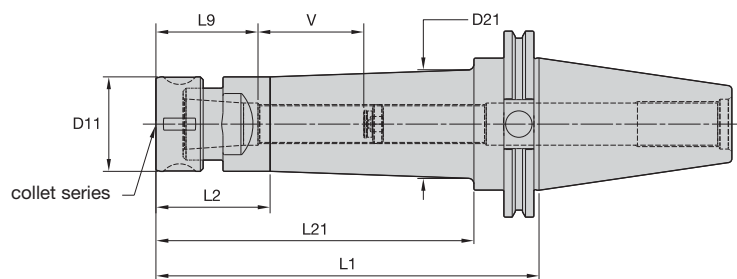
TG standard straight-bore collets, see page J10.

TG tap collets, see page J10.

For retention knobs, see page L45.

Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm

- Tremendous Grip (3:1 advantage).



TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG75	2,6	20,0	3/64	3/4
TG100	2,6	25,5	5/64	1

ERICKSON™

■ TG Round-CV Form AD



order number	catalog number	collet series	D11	D21	L1	L2	L21	L9	V	locknut	wrench	ft. lbs.	stop screw	wrench size	stop screw	lbs
1025603	CV50TG075279G	TG75	1.97	—	2.79	1.42	—	1.93	1.38	LNA075M	HSW45M	100.0000	SS081041G	4mm & 5/32		7.30
1025635	CV50TG075579G	TG75	1.97	2.15	5.79	1.82	4.38	1.93	4.37	LNA075M	HSW45M	100.0000	SS081041G	4mm & 5/32		9.70
1025914	CV50TG075800G	TG75	1.97	2.27	8.00	2.38	6.63	2.09	4.45	LNA075M	HSW45M	100.0000	SS081041G	4mm & 5/32		11.45
1025915	CV50TG0751000G	TG75	1.97	2.40	10.00	2.38	8.63	2.09	4.45	LNA075M	HSW45M	100.0000	SS081041G	4mm & 5/32		13.61
1025916	CV50TG0751200G	TG75	1.97	2.54	12.00	2.40	10.63	1.93	4.57	LNA075M	HSW45M	100.0000	SS081041G	4mm & 5/32		16.50
2636767	CV50TG100276G	TG100	2.36	—	2.76	1.47	—	2.76	1.85	LNA100M	HSW58M	150.0000	SS112041G	4mm & 5/32		7.07
2636768	CV50TG100326G	TG100	2.36	—	3.26	1.69	—	2.76	2.36	LNA100M	HSW58M	150.0000	SS112041G	4mm & 5/32		7.61
2636769	CV50TG100526G	TG100	2.36	—	5.26	3.89	—	2.76	4.33	LNA100M	HSW58M	150.0000	SS112041G	4mm & 5/32		9.50
2636770	CV50TG100726G	TG100	2.36	—	7.26	5.89	—	2.76	5.15	LNA100M	HSW58M	150.0000	SS112041G	4mm & 5/32		11.56

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.

Collet chuck technical section, see page M98.

Supplied with locknut and stop screw.

Locknut wrench must be ordered separately.

Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.

Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.

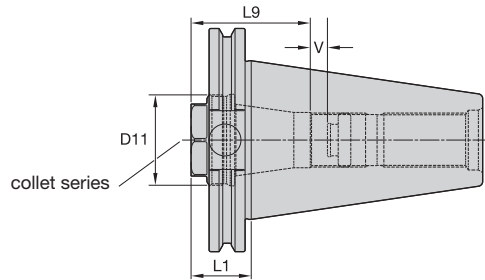
Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.

TG standard straight-bore collets, see page J10.

TG tap collets, see page J10.

For retention knobs, see page L45.

- Grip (2:1 advantage).

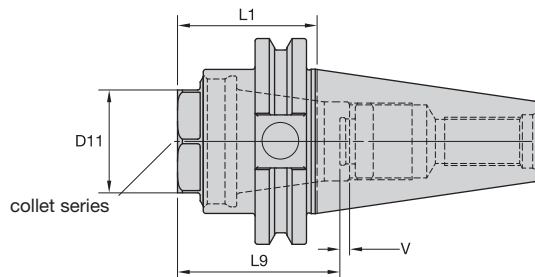


ERICKSON

■ ER Short-CV Z Form AD

order number	catalog number	collet series	D11	L1	L9	V	Collet Capacity				
							mm		inch		
2978741	CV50ZSER32106	ER32	1.41	1.06	1.97	.67	min	max	min	max	
2978763	CV50ZSER40106	ER40	1.81	1.06	2.24	.43	min	max	min	max	

CV50 toolholders deviate from ANSI B5.50 standard. The 2.750" diameter in front of the V-flange has been eliminated to achieve short gage lengths.



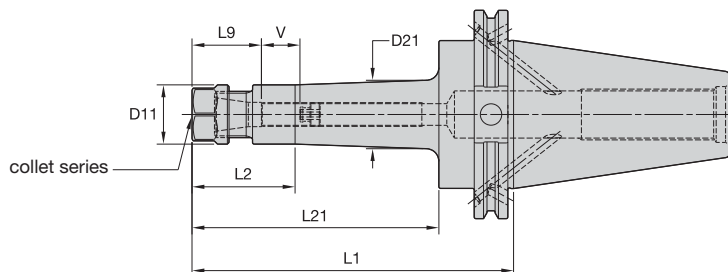
ER collet series	mm		inch	
	min	max	min	max
ER32	2,0	20,0	.08	.81
ER40	3,0	26,0	.12	1.00

■ ER Short-CV Form AD

order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	ft. lbs.	stop screw	wrench size stop screw	lbs
2978742	CV50SER32169	ER32	1.41	1.69	1.97	1.06	LNEC32M	OE32M	100	SS094041G	4mm & 5/32	6.27
2978764	CV50SER40169	ER40	1.81	1.69	2.24	.83	LNEC40M	OE40M	130	SS112041G	4mm & 5/32	5.86

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 ER standard straight-bore collets, see page J50.
 ER tap collets, see pages J58–J59.
 ER TCT tension-only tap collets, see page J60.
 For retention knobs, see page L45.

- Grip (2:1 advantage).



ER collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
ER16	0,5	10,0	.02	.41
ER20	0,5	13,0	.02	.50
ER25	1,0	16,0	.04	.63
ER32	2,0	20,0	.08	.81
ER40	3,0	26,0	.12	1.00

ERICKSON™

■ ER Hex-CV Form B/AD

order number	catalog number	collet series	D11	D21	L1	L2	L21	L9	V	lbs
2249706	CV50BER16250	ER16	1.10	—	2.50	1.13	—	1.26	1.69	6.83
2249707	CV50BER16400	ER16	1.10	—	4.00	2.63	—	1.26	1.50	6.97
2249708	CV50BER16600	ER16	1.10	1.29	6.00	1.92	4.59	1.26	1.50	7.55
2249709	CV50BER20250	ER20	1.34	—	2.50	1.13	—	1.42	1.73	6.84
1261782	CV50BER20400	ER20	1.34	—	4.00	2.63	—	1.42	1.73	7.19
2249710	CV50BER20600	ER20	1.34	—	6.00	4.63	—	1.42	1.73	7.77

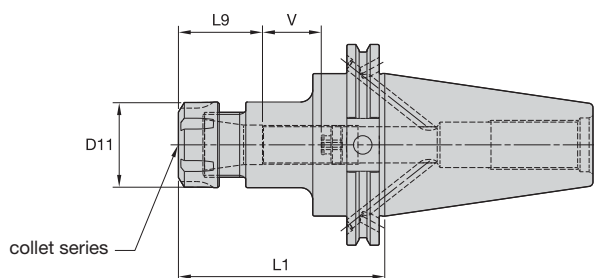
■ Spare Parts



catalog number	locknut	wrench	counterbore collet torque (ft. lbs.)	straight collet torque (ft. lbs.)	stop screw	wrench size stop screw
CV50BER16250	LNHSER16M	OEWS25M	30	42	SS044038G	4mm & 5/32
CV50BER16400	LNHSER16M	OEWS25M	30	42	SS044038G	4mm & 5/32
CV50BER16600	LNHSER16M	OEWS25M	30	42	SS044038G	4mm & 5/32
CV50BER20250	LNHSER20M	OEWS30M	24	59	SS056041G	4mm & 5/32
CV50BER20400	LNHSER20M	OEWS30M	24	59	SS056041G	4mm & 5/32
CV50BER20600	LNHSER20M	OEWS30M	24	59	SS056041G	4mm & 5/32

(continued)

(ER Form B/AD continued)



■ ER Round-CV Form B/AD

order number	catalog number	collet series	D11	L1	L9	V	lbs
2249711	CV50BER25250	ER25	1.65	2.50	1.57	1	6.85
2249712	CV50BER25400	ER25	1.65	4.00	1.57	2	7.61
2249713	CV50BER25600	ER25	1.65	6.00	1.57	2	8.44
2249714	CV50BER32275	ER32	1.97	2.75	1.81	1	6.91
1261783	CV50BER32400	ER32	1.97	4.00	1.81	1	7.78
2249715	CV50BER32600	ER32	1.97	6.00	1.81	1	9.19
2249716	CV50BER40300	ER40	2.48	3.00	2.05	1	7.21
2249717	CV50BER40600	ER40	2.48	6.00	2.05	4	10.58

■ Spare Parts

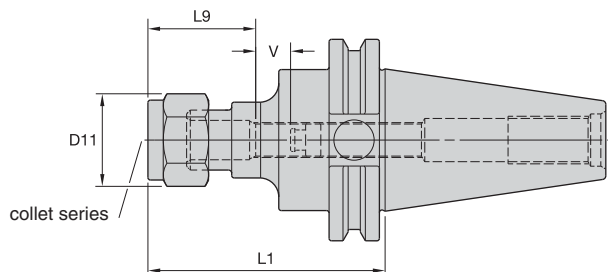


catalog number	locknut	wrench	counterbore collet torque (ft. lbs.)	stop screw	wrench size stop screw
CV50BER25250	LNSER25M	ER25WM	77	SS075041G	4mm & 5/32
CV50BER25400	LNSER25M	ER25WM	77	SS075041G	4mm & 5/32
CV50BER25600	LNSER25M	ER25WM	77	SS075041G	4mm & 5/32
CV50BER32275	LNSER32M	ER32WM	100	SS094041G	4mm & 5/32
CV50BER32400	LNSER32M	ER32WM	100	SS094041G	4mm & 5/32
CV50BER32600	LNSER32M	ER32WM	100	SS094041G	4mm & 5/32
CV50BER40300	LNSER40M	ER40WM	130	SS112041G	4mm & 5/32
CV50BER40600	LNSER40M	ER40WM	130	SS112041G	4mm & 5/32

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 ER standard straight-bore collets, see page J50.
 ER tap collets, see pages J58-J59.
 ER TCT tension-only tap collets, see page J60.
 For retention knobs, see page L45.

Form AD						
Form B						
			40	(2x) MS2221S	2,5mm	
			50	(2x) MS1296S	3mm	

- Grip 1:1.



ERICKSON

■ DA Hex-CV Form AD

DA collet series	Collet Capacity			
	mm	inch	min	max
DA180	2,2	20	1/64	3/4

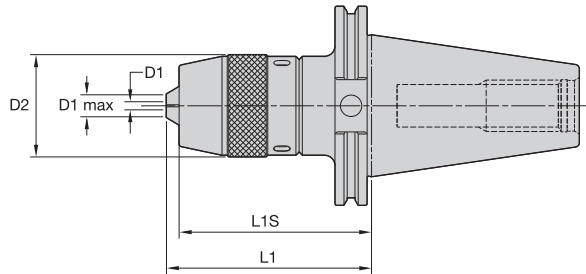
order number	catalog number	collet series	D11	L1	L9	V	lbs
1015307	CV50DA188600	DA180	1.73	6	1.93	4.65	8.21
1015306	CV50DA188300	DA180	1.73	3	1.93	2.36	7.03

■ Spare Parts



catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
CV50DA188300	NPA188	OEW150	75	SS081041G	4mm & 5/32
CV50DA188600	NPA188	OEW150	75	SS081041G	4mm & 5/32

NOTE: Tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.
 For retention knobs, see page L45.

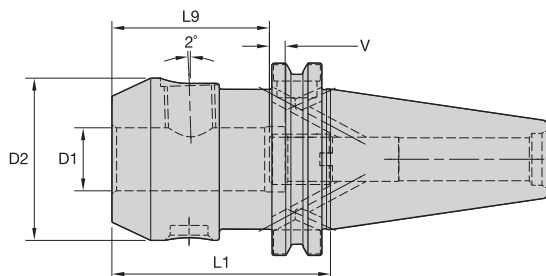


ERICKSON

■ DC-CV Form A

order number	catalog number	D1		D1 max		D2	L1	L1S	locknut wrench	lbs
		mm	in	mm	in					
2262968	CV50DC13M421	1,0	.039	13,0	.512	1.97	4.21	3.72	HSW45M	7.85

NOTE: Locknut wrench is supplied.
For retention knobs, see page L45.



ERICKSON

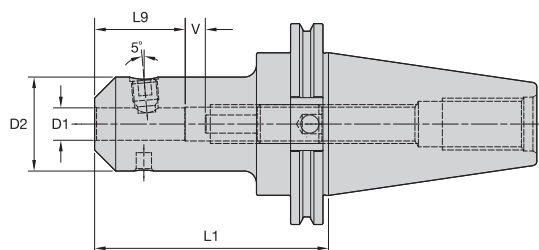
■ WN MM-CV Form B/AD

order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	Nm	stop screw	wrench size stop screw	kg
1549343	CV50BWN06M244	6	25	62	30	10	SS03M012	3mm	7	571.060	2,5mm	3,14
1549344	CV50BWN08M244	8	28	62	30	10	SS03M014	4mm	15	571.067	3mm	3,10
1549378	CV50BWN10M244	10	35	62	35	10	SS03M018	5mm	25	571.068	4mm	3,21
1549345	CV50BWN12M264	12	42	67	40	10	SS03M023	6mm	35	571.074	5mm	3,32
1549346	CV50BWN14M264	14	44	67	40	10	SS03M023	6mm	35	571.074	5mm	3,30
1549352	CV50BWN16M275	16	48	70	43	10	SS03M025	6mm	50	571.075	6mm	3,41
1549353	CV50BWN18M275	18	50	70	43	10	SS03M025	6mm	50	571.075	6mm	3,43
1549362	CV50BWN20M275	20	52	70	45	10	SS03M026	8mm	95	571.076	6mm	3,43
1804514	CV50BWN20M600	20	52	152	45	10	SS03M026	8mm	95	571.076	6mm	4,67
1549354	CV50BWN25M375	25	65	95	50	10	SS03M027	10mm	135	571.077	6mm	4,23
1804515	CV50BWN25M600	25	65	152	50	10	SS03M027	10mm	135	571.077	6mm	5,52
1549355	CV50BWN32M388	32	72	99	54	10	SS03M029	10mm	160	571.076	6mm	4,51
1804516	CV50BWN32M600	32	72	152	54	10	SS03M029	10mm	160	571.076	6mm	6,06

NOTE: Do not overtighten clamp screw; use torque recommendations above.
Supplied with clamp screw and stop screw.
Clamp screw or stop screw wrenches not included.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- 5° NAS 987 Whistle Notch cutting toolholders.
- No through-the-toolholder coolant capability (Form A only), unless stop screw is removed.
- Axial adjustment with constant 3/8" drive throughout complete range of adapters.

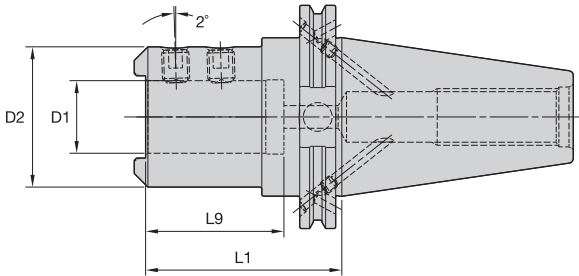

ERICKSON

■ WN NAS-CV Form AD • Inch



order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size clamp screw	ft. lbs.	wrench size stop screw	lbs
3594645	CV50WNA038282	3/8	1.38	2.82	1.19	.38	—	3/16	15	3/8	7.33
3594646	CV50WNA038469	3/8	1.38	4.69	1.19	.38	—	3/16	15	3/8	7.94
3594647	CV50WNA038669	3/8	1.38	6.69	1.19	.38	—	3/16	15	3/8	8.59
3594648	CV50WNA050273	1/2	1.63	2.73	1.40	.38	—	3/16	15	3/8	7.45
3594649	CV50WNA050460	1/2	1.63	4.60	1.40	.38	—	3/16	15	3/8	8.37
3594650	CV50WNA050660	1/2	1.63	6.60	1.40	.38	—	3/16	15	3/8	9.36
3594651	CV50WNA062266	5/8	1.81	2.66	1.52	.38	—	1/4	60	3/8	7.55
3594652	CV50WNA062453	5/8	1.81	4.53	1.52	.38	—	1/4	60	3/8	8.75
3594653	CV50WNA062653	5/8	1.81	6.53	1.52	.38	—	1/4	60	3/8	10.02
3594654	CV50WNA075263	3/4	2.00	2.63	1.54	.38	—	1/4	60	3/8	7.60
3594655	CV50WNA075450	3/4	2.00	4.50	1.65	.38	—	1/4	60	3/8	9.14
3594656	CV50WNA075650	3/4	2.00	6.50	1.65	.38	—	1/4	60	3/8	10.73
3594657	CV50WNA088263	7/8	2.25	2.63	1.53	.38	—	1/4	60	3/8	7.78
3594658	CV50WNA088450	7/8	2.25	4.50	1.64	.38	—	1/4	60	3/8	9.74
3594659	CV50WNA088650	7/8	2.25	6.50	1.64	.38	—	1/4	60	3/8	11.88
3594660	CV50WNA100300	1	2.63	3.00	1.90	.38	S-1820	3/8	110	3/8	8.57
3594661	CV50WNA100450	1	2.63	4.50	1.90	.38	S-1820	3/8	110	3/8	10.75
3594662	CV50WNA100650	1	2.63	6.50	1.90	.38	S-1820	3/8	110	3/8	13.68
3594663	CV50WNA125300	1 1/4	2.88	3.00	1.90	.38	S-1820	3/8	110	3/8	8.80
3594664	CV50WNA125450	1 1/4	2.88	4.50	1.90	.38	S-1820	3/8	110	3/8	11.44
3594665	CV50WNA125650	1 1/4	2.88	6.50	1.90	.38	S-1820	3/8	110	3/8	14.98
3594666	CV50WNA150400	1 1/2	3.13	4.00	1.90	.38	S-1820	3/8	110	3/8	10.95
3594667	CV50WNA200535	2	4.00	5.35	3.01	.38	S-1820	3/8	110	3/8	16.44
3594668	CV50WNA200735	2	4.00	7.35	3.01	.38	S-1820	3/8	110	3/8	23.42
3594669	CV50WNA250535	2 1/2	5.00	5.35	3.01	.38	—	3/8	110	3/8	22.44
3594670	CV50WNA250735	2 1/2	5.00	7.35	3.01	.38	—	3/8	110	3/8	26.77
3594671	CV50ZWNA200375	2	3.75	3.75	3.01	.38	S-1820	3/8	110	3/8	11.48

NOTE: Do not overtighten clamp screw; use torque recommendations above.
 Supplied with clamp screw and stop screw (3/4"-10 RH x 2.25lg).
 Clamp screw or stop screw wrenches not included.
 For retention knobs, see page L45.



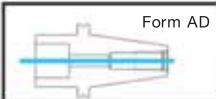
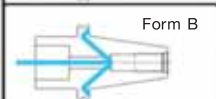
ERICKSON™

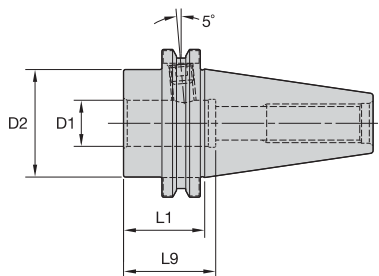
■ **WD MM-CV Form B/AD**



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	Nm	kg
1749279	CV50BWD32M343	32	63	87	61	SS03M023	6mm	35	3,84
1749283	CV50BWD40M343	40	70	87	71	SS03M023	6mm	35	3,88
1749284	CV50BWD50M343	50	80	87	69	SS03M023	6mm	35	4,04

NOTE: Do not overtighten clamp screw; use torque recommendations above.
Supplied with clamp screw.
Lock screw wrenches not included.
For retention knobs, see page L45.

 Form AD					
 Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



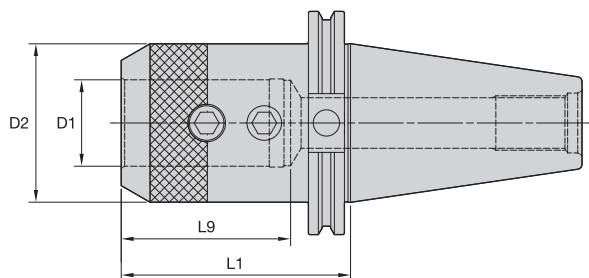
ERICKSON

■ SWN IN-CV Form AD (Tap Chuck Adapter)



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1064539	CV50TA1137	1.00	2.75	1.38	3.63	ELS062050PKG	5/16	70	6.53
1017996	CV50TA15200	1.50	2.75	2.00	3.80	ELS050050PKG	1/4	60	6.38

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw.
 Lock screw wrench not included.
 For retention knobs, see page L45.



ERICKSON

EM IN-CV Form AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	lbs	ft. lbs.
1013379	CV50EM018250	3/16	.69	2.50	4.69	S1045PKG	3/32	6.55	3
1013408	CV50EM018450	3/16	.69	4.50	6.69	S1045PKG	3/32	6.84	3
1013409	CV50EM018650	3/16	.69	6.50	8.69	S1045PKG	3/32	7.05	3
1013380	CV50EM025250	1/4	.78	2.50	4.69	ELS025025PKG	1/8	6.55	5
1013410	CV50EM025450	1/4	.78	4.50	6.69	ELS025025PKG	1/8	7.17	5
1013411	CV50EM025650	1/4	.78	6.50	7.68	ELS025025PKG	1/8	7.19	5
1013381	CV50EM031250	5/16	1.00	2.50	4.69	ELS031031PKG	5/32	6.61	11
1013412	CV50EM031450	5/16	1.00	4.50	6.69	ELS031031PKG	5/32	7.15	11
1013413	CV50EM031650	5/16	1.00	6.50	8.69	ELS031031PKG	5/32	7.60	11
1026020	CV50EM038250	3/8	1.00	2.50	4.69	ELS038031PKG	3/16	6.63	15
1026286	CV50EM038450	3/8	1.00	4.50	6.69	ELS038031PKG	3/16	7.07	15
1026093	CV50EM038650	3/8	1.00	6.50	8.69	ELS038031PKG	3/16	7.45	15
1013382	CV50EM038850	3/8	1.00	8.50	10.70	ELS038031PKG	3/16	8.27	15
1013383	CV50EM044250	7/16	1.25	2.50	4.69	ELS044038PKG	7/32	6.78	20
1026021	CV50EM050262	1/2	1.38	2.62	4.81	ELS044038PKG	7/32	6.82	20
1026114	CV50EM050462	1/2	1.38	4.62	6.81	ELS044038PKG	7/32	7.52	20
1026115	CV50EM050662	1/2	1.38	6.62	8.81	ELS044038PKG	7/32	8.21	20
1013404	CV50EM050850	1/2	1.25	8.50	10.69	ELS044038PKG	7/32	9.03	20
1026022	CV50EM062375	5/8	1.63	3.75	5.94	ELS056050PKG	1/4	7.53	40
1026116	CV50EM062575	5/8	1.63	5.75	7.94	ELS056050PKG	1/4	8.63	40
1026117	CV50EM062775	5/8	1.63	7.75	9.94	ELS056050PKG	1/4	9.48	40
1026250	CV50EM075375	3/4	1.75	3.75	5.94	ELS062050PKG	5/16	7.65	70
1026118	CV50EM075575	3/4	1.75	5.75	7.94	ELS062050PKG	5/16	8.67	70
1026119	CV50EM075775	3/4	1.75	7.75	7.91	ELS062050PKG	5/16	9.81	70
1013405	CV50EM0751000	3/4	1.75	10.00	12.19	ELS062050PKG	5/16	12.25	70
1026023	CV50EM088375	7/8	2.00	3.75	4.19	ELS062050PKG	5/16	7.65	70
1026120	CV50EM088575	7/8	2.00	5.75	4.19	ELS062050PKG	5/16	9.44	70
1026121	CV50EM088775	7/8	2.00	7.75	4.19	ELS062050PKG	5/16	10.85	70
1026044	CV50EM100400	1	2.00	4.00	4.49	ELS075056PKG	3/8	7.94	110
1026287	CV50EM100600	1	2.00	6.00	4.49	ELS075056PKG	3/8	9.39	110

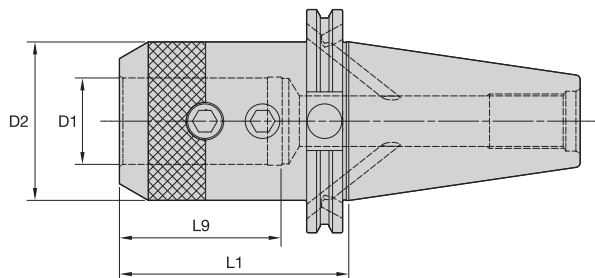
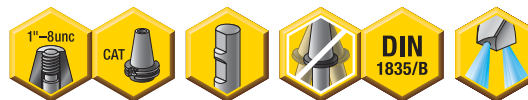
(continued)

(EM IN-CV Form AD continued)



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	lbs	ft. lbs.
1026122	CV50EM100800	1	2.00	8.00	4.49	ELS075056PKG	3/8	10.82	110
1013406	CV50EM1001000	1	2.00	10.00	4.49	ELS075056PKG	3/8	13.37	110
1026045	CV50EM125400	1 1/4	2.50	4.00	2.39	ELS075062PKG	3/8	8.98	110
1026123	CV50EM125600	1 1/4	2.50	6.00	2.39	ELS075062PKG	3/8	11.42	110
1026288	CV50EM125800	1 1/4	2.50	8.00	2.39	ELS075062PKG	3/8	13.85	110
1013407	CV50EM1251000	1 1/4	2.50	10.00	2.39	ELS075062PKG	3/8	16.28	110
1026284	CV50EM150400	1 1/2	2.75	4.00	2.82	ELS075069PKG	3/8	9.19	110
1026289	CV50EM150600	1 1/2	2.75	6.00	2.82	ELS075069PKG	3/8	12.21	110
1026144	CV50EM150800	1 1/2	2.75	8.00	2.82	ELS075069PKG	3/8	15.25	110
1026046	CV50EM200562	2	3.75	5.62	3.38	ELS100088PKG	1/2	15.96	150
1026145	CV50EM200762	2	3.75	7.62	3.38	ELS100088PKG	1/2	19.01	150
1026290	CV50EM200962	2	3.75	9.62	3.38	ELS100088PKG	1/2	22.08	150

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw.
 Lock screw wrench not included.
 For retention knobs, see page L45.



ERICKSON

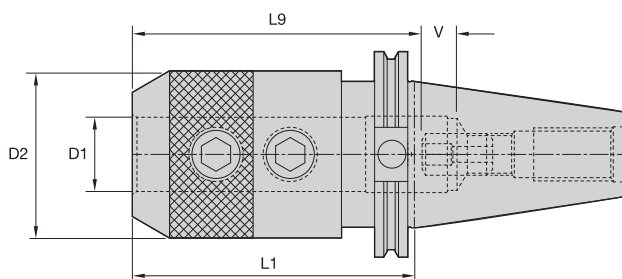
■ EM IN-CV Form B/AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	lbs	ft. lbs.
1261776	CV50BEM050462	1/2	1.38	4.62	6.81	ELS044038PKG	7/32	7.53	20
1261777	CV50BEM062375	5/8	1.62	3.75	5.94	ELS056050PKG	1/4	7.48	40
1261778	CV50BEM075375	3/4	1.75	3.75	5.94	ELS062050PKG	5/16	7.62	70
1261779	CV50BEM100400	1	2.00	4.00	4.49	ELS075056PKG	3/8	7.90	110
1261780	CV50BEM125400	1 1/4	2.50	4.00	2.39	ELS075062PKG	3/8	8.94	110
1261781	CV50BEM150400	1 1/2	2.75	4.00	2.82	ELS075069PKG	3/8	9.17	110

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.
For retention knobs, see page L45.

Form AD					
Form B					
	40	(2x) MS2221S	2,5mm		
	50	(2x) MS1296S	3mm		



ERICKSON

■ SS-CV Form AD • Inch

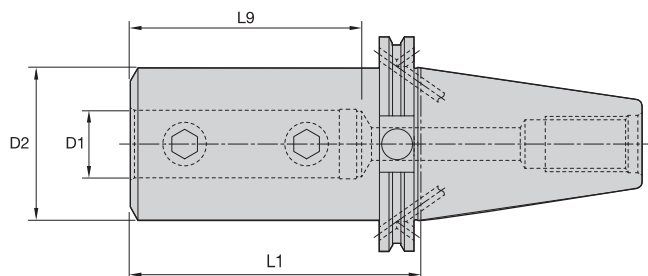
order number	catalog number	D1	D2	L1	L9	V	lbs
1018311	CV50SS100400	1	2.25	4.00	3.75	.63	8.74
1018312	CV50SS100600	1	2.25	6.00	3.75	.63	10.66
1018313	CV50SS100800	1	2.25	8.00	3.75	.63	12.57
1018357	CV50SS150400	1 1/2	2.75	4.00	3.25	1.25	8.83
1018358	CV50SS150600	1 1/2	2.75	6.00	3.25	1.25	11.85
1018359	CV50SS150800	1 1/2	2.75	8.00	3.25	1.25	14.87
1018354	CV50SS125400	1 1/4	2.50	4.00	3.25	1.25	8.80
1018355	CV50SS125600	1 1/4	2.50	6.00	3.25	1.25	11.24
1018356	CV50SS125800	1 1/4	2.50	8.00	3.25	1.25	13.67
1018360	CV50SS175400	1 3/4	3.13	4.00	2.75	1.25	9.51
1018361	CV50SS200562	2	3.69	5.62	3.25	1.25	14.99
1018362	CV50SS200762	2	3.69	7.62	3.25	1.25	20.70
1018425	CV50SS250800	2 1/2	4.00	8.00	4.25	1.25	21.50
1018424	CV50SS225650	2 1/4	4.00	6.50	3.75	1.25	18.64

■ Spare Parts



catalog number	lock screw	wrench size clamp screw	ft. lbs.	stop screw	wrench size stop screw
CV50SS100400	ELS075062PKG	3/8	110	CSS081125	1/8
CV50SS100600	ELS075062PKG	3/8	110	CSS081125	1/8
CV50SS125400	ELS075062PKG	3/8	110	CSS112175PKG	3/16
CV50SS125600	ELS075062PKG	3/8	110	CSS112175PKG	3/16
CV50SS150400	ELS075062PKG	3/8	110	CSS112175PKG	3/16
CV50SS150600	ELS075062PKG	3/8	110	CSS112175PKG	3/16
CV50SS175400	ELS075069PKG	3/8	110	CSS112175PKG	3/16
CV50SS200562	ELS100088PKG	1/2	150	CSS112175PKG	3/16
CV50SS250800	ELS100062	1/2	150	CSS112175PKG	3/16

NOTE: Do not overtighten clamp screw; use torque recommendations above.
 Supplied with clamp screws and stop screw.
 Clamp screw or stop screw wrench not included.
 For retention knobs, see page L45.



ERICKSON

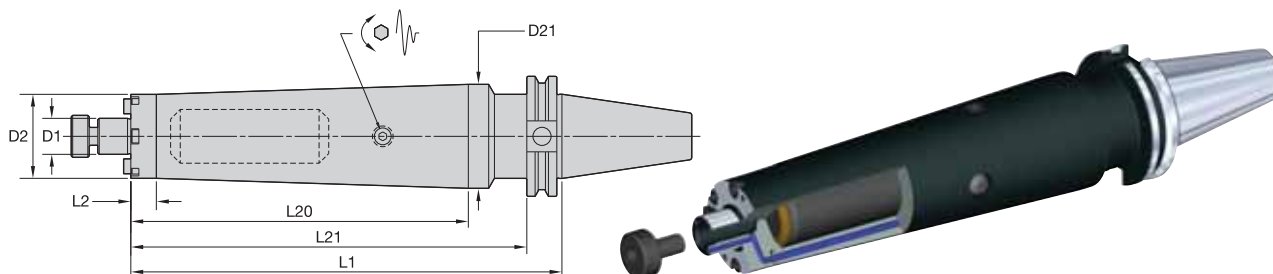
■ SSF IN-CV Form B/AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1749472	CV50BSSF075275	3/4	1.75	2.75	2.25	ELS062050PKG	5/16	70	7.21
1749473	CV50BSSF100400	1	2.00	4.00	3.25	DWG ELS075050	3/8	110	8.05
1749474	CV50BSSF125400	1 1/4	2.50	4.00	3.50	ELS075056PKG	3/8	110	8.86
1749475	CV50BSSF150450	1 1/2	2.75	4.50	4.00	ELS075056PKG	3/8	110	9.67
1749209	CV50BSSF200550	2	3.75	5.50	4.25	ELS100088PKG	1/2	150	15.23

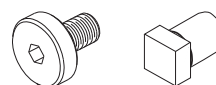
NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

■ SMC TD Lock IN-CV Form A



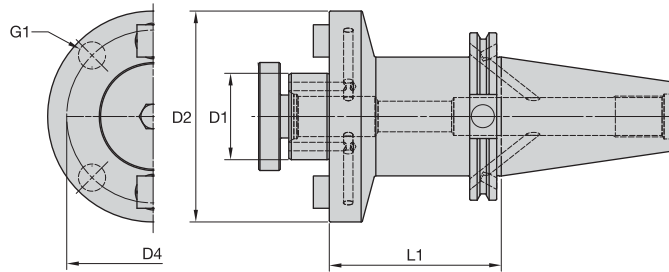
order number	catalog number	D1	D2	D21	L1	L2	L20	L21	lock screw	drive key	wrench size lock screw	lbs
4136189	CV50BTDSMC0751050	3/4	1.75	2.75	10.50	.53	9.09	9.75	KLS07	KDK05	1/4	16.53
4136190	CV50BTDSMC1001250	1	2.75	—	12.50	11.75	—	—	KLS10	KDK06	5/16	24.62
4136191	CV50BTDSMC1251300	1 1/4	2.88	—	13.00	12.25	—	—	KLS12	KDK08	5/16	31.97

NOTE: Do not overtighten lock screw.
 Supplied with lock screw and drive keys.
 Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.
 Lock screw wrench not included.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

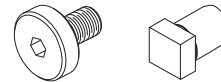
CAT50 Shank Tools

Shell Mill Adapters with Through Coolant



ERICKSON

■ SMC Lock IN-CV Form B/AD



order number	catalog number	D1	D2	D4	G1	L1	lock screw	drive key	wrench size retention screw	lbs
3640130	CV50BSM2C050150	1/2	1.20	—	—	1.50	KLS05	KDK04	3/16	6.80
3640132	CV50BSM2C050350	1/2	1.20	—	—	3.50	KLS05	KDK04	3/16	7.10
3640194	CV50BSM2C050550	1/2	1.20	—	—	5.50	KLS05	KDK04	3/16	7.64
3640129	CV50BSMC050150	1/2	1.44	—	—	1.50	KLS05	KDK04	3/16	6.81
3640131	CV50BSMC050350	1/2	1.44	—	—	3.50	KLS05	KDK04	3/16	7.39
3640193	CV50BSMC050550	1/2	1.44	—	—	5.50	KLS05	KDK04	3/16	8.21
3640196	CV50BSM2C075150	3/4	1.46	—	—	1.50	KLS07	—	1/4	6.80
3640198	CV50BSM2C075350	3/4	1.46	—	—	3.50	KLS07	—	1/4	7.41
3640200	CV50BSM2C075550	3/4	1.46	—	—	5.50	KLS07	—	1/4	8.17
3640195	CV50BSMC075150	3/4	1.75	—	—	1.50	KLS07	KDK05	1/4	6.94
3640197	CV50BSMC075350	3/4	1.75	—	—	3.50	KLS07	KDK05	1/4	7.85
3640199	CV50BSMC075550	3/4	1.75	—	—	5.50	KLS07	KDK05	1/4	9.04
3640201	CV50BSMC075700	3/4	1.75	—	—	7.00	KLS07	KDK05	1/4	10.51
3640202	CV50BSMC075900	3/4	1.75	—	—	9.00	KLS07	KDK05	1/4	12.39
3640204	CV50BSM2C100200	1	2.19	—	—	2.00	KLS10	KDK06	5/16	7.26
3640206	CV50BSM2C100400	1	2.19	—	—	4.00	KLS10	KDK06	5/16	9.12
3640208	CV50BSM2C100600	1	2.19	—	—	6.00	KLS10	KDK06	5/16	10.98
3640203	CV50BSMC100200	1	2.75	—	—	2.00	KLS10	KDK06	5/16	7.63
3640205	CV50BSMC100400	1	2.75	—	—	4.00	KLS10	KDK06	5/16	10.72
3640207	CV50BSMC100600	1	2.75	—	—	6.00	KLS10	KDK06	5/16	13.81
3640209	CV50BSMC100800	1	2.75	—	—	8.00	KLS10	KDK06	5/16	16.89
3640210	CV50BSMC1001000	1	2.75	—	—	10.00	KLS10	KDK06	5/16	19.98
3640211	CV50BSMC125150	1 1/4	2.75	—	—	1.50	KLS12	KDK08	5/16	7.10
3640212	CV50BSMC125350	1 1/4	2.88	—	—	3.50	KLS12	KDK08	5/16	10.24
3640213	CV50BSMC125550	1 1/4	2.88	—	—	5.50	KLS12	KDK08	5/16	13.27
3640214	CV50BSMC125700	1 1/4	2.88	—	—	7.00	KLS12	KDK08	5/16	15.22
3640215	CV50BSMC125900	1 1/4	2.88	—	—	9.00	KLS12	KDK08	5/16	18.57
3640216	CV50BSMC150240	1 1/2	3.81	—	—	2.40	KLS15	KDK10	3/8	9.88
3640217	CV50BSMC150400	1 1/2	3.81	—	—	4.00	KLS15	KDK10	3/8	12.53
3640218	CV50BSMC150600	1 1/2	3.81	—	—	6.00	KLS15	KDK10	3/8	15.72
3640219	CV50BSMC150800	1 1/2	3.81	—	—	8.00	KLS15	KDK10	3/8	18.90
3640220	CV50BSMC200240	2	4.88	4.00	5/8-11 UNC	2.40	KLS20	KDK12	9/16	11.95

(continued)

(SMC Lock IN-CV Form B/AD continued)

order number	catalog number	D1	D2	D4	G1	L1	lock screw	drive key	wrench size retention screw	lbs
3640221	CV50BSMC200400	2	4.88	4.00	5/8-11 UNC	4.00	KLS20	KDK12	9/16	14.94
3640222	CV50BSMC200600	2	4.88	4.00	5/8-11 UNC	6.00	KLS20	KDK12	9/16	18.18
3640223	CV50BSMC200800	2	4.88	4.00	5/8-11 UNC	8.00	KLS20	KDK12	9/16	21.43
3640224	CV50BSMC250240	2 1/2	4.88	4.00	5/8-11 UNC	2.40	—	KDK16	—	12.87
3640225	CV50BSMC250400	2 1/2	4.88	4.00	5/8-11 UNC	4.00	—	KDK16	—	15.80

NOTE: Do not overtighten lock screw.

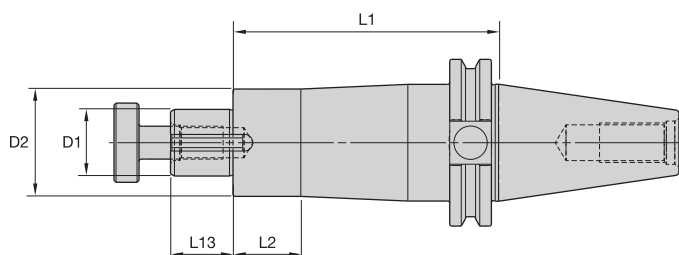
Supplied with lock screw and drive keys.

Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.

Lock screw wrench not included.

For retention knob, see page L45.

Form AD						
Form B				40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm



CAT50 Shank Tools

ERICKSON

SA IN-CV Form A

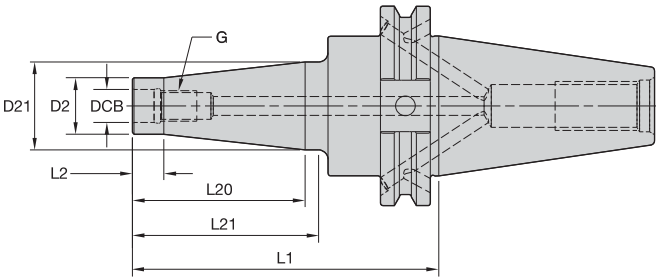
order number	catalog number	D1	D2	L1	L2	L13	lock screw	wrench size lock screw	drive key	lbs
1261878	CV50SA062400	5/8	1.25	4.00	2.63	.78	KLS07	1/4	DWG SDK062088	7.96
1026217	CV50SA100400	1	1.56	4.00	2.63	.94	KLS10	5/16	DWG SDK100106	8.59
2461123	CV50SA100600	1	1.56	6.00	.87	.94	KLS10	5/16	DWG SDK100106	11.60
2461124	CV50SA125400	1 1/4	1.88	4.00	2.63	1.09	KLS12	5/16	DWG SDK125119	9.56
1026218	CV50SA125600	1 1/4	1.88	6.00	1.06	1.09	KLS12	5/16	DWG SDK125119	12.60
2461125	CV50SA150400	1 1/2	2.00	4.00	2.63	1.70	KLS15	3/8	DWG SDK150175	10.35
1026223	CV50SA150600	1 1/2	2.00	6.00	1.06	1.70	KLS15	3/8	DWG SDK150175	13.44
1026244	CV50SA200600	2	2.75	6.00	5.25	1.70	KLS20	9/16	SDK200169	16.67

NOTE: Do not overtighten lock screw.

Supplied with lock screw and drive key.

Lock screw wrench not included.

For retention knobs, see page L45.

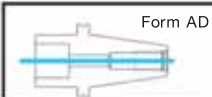
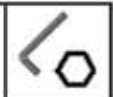
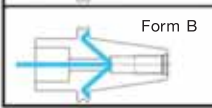
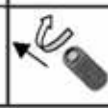


ERICKSON

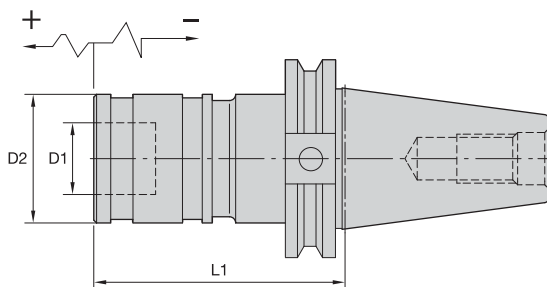
■ ST-CV Form B/AD

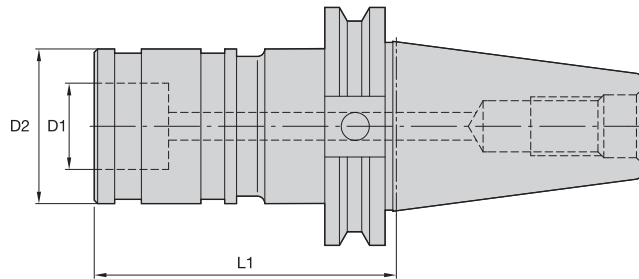
order number	catalog number	DCB	G	D2	D21	L1	L2	L20	L21	lbs
4073648	CV50BST12M343	.5	M12	.83	.94	3.43	.39	1.77	1.83	7.06
4073649	CV50BST12M539	.5	M12	.83	1.22	5.39	.39	3.54	3.75	7.62
4073650	CV50BST12M736	.5	M12	.83	1.54	7.36	.39	5.71	5.72	8.51
4073651	CV50BST16M343	.7	M16	1.14	1.34	3.43	.39	1.77	1.79	7.35
4073652	CV50BST16M539	.7	M16	1.14	1.54	5.39	.39	3.54	3.75	8.23
4073653	CV50BST16M739	.7	M16	1.14	1.54	7.36	.39	5.51	5.72	8.98
4073654	CV50BST16M933	.7	M16	1.14	1.93	9.33	.39	7.48	7.69	10.81

NOTE: For retention knobs, see page L45.

					
			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Rapid Change style.



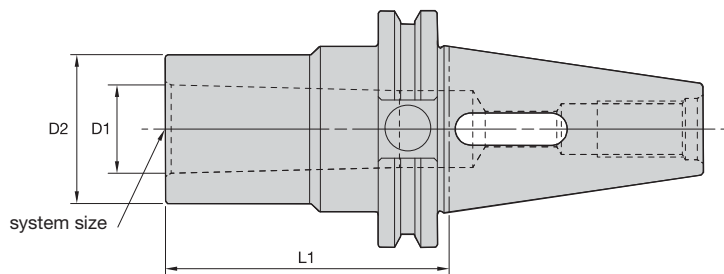


ERICKSON

STRC-CV Form AD

order number	catalog number	adapter size	tap size		D1	D2	L1	lbs
			mm	in				
1615973	CV50CSTRC1290	1	M1 - M14	#0 - 9/16	.75	1.26	3	7.20
1615974	CV50CSTRC2350	2	M5 - M24	5/16 - 7/8	1.22	1.97	4	8.00
1615976	CV50CSTRC3481	3	M14 - M27	13/16 - 1 3/8	1.89	2.81	5	10.60

NOTE: Quick-change tap adapters are available and must be ordered separately; see page J76.
For retention knobs, see page L45.

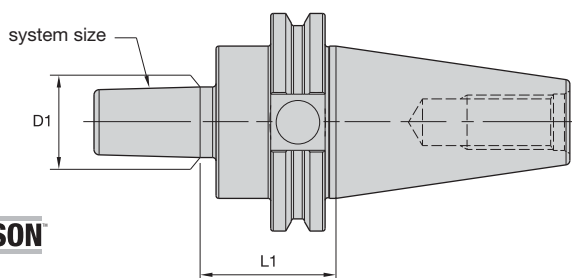


ERICKSON

MT-CV Form A

order number	catalog number	system size	D1	D2	L1	lbs
1026049	CV50MT1150	1	.47	2.75	1.50	6.77
1026050	CV50MT2200	2	.70	2.75	2.00	7.43
1026051	CV50MT3250	3	.94	1.57	2.50	6.73
1026052	CV50MT4338	4	1.23	1.89	3.38	6.90
1026091	CV50MT5375	5	1.75	2.75	3.75	7.55

NOTE: For retention knobs, see page L45.



ERICKSON

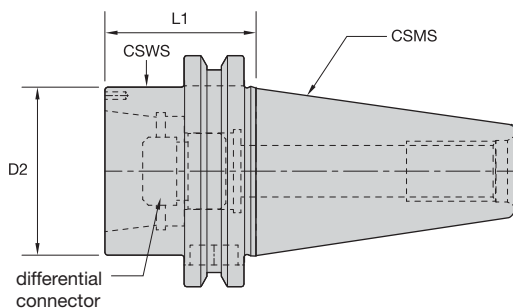
■ JT-CV Form A

order number	catalog number	system size	D1	L1	lbs
1026379	CV50JT3268	3	.81	1.46	6.97

NOTE: For retention knobs, see page L45.



• Differential connector included.



CAT50 Shank Tools

■ CV to KR Adapters B/AD • Metric

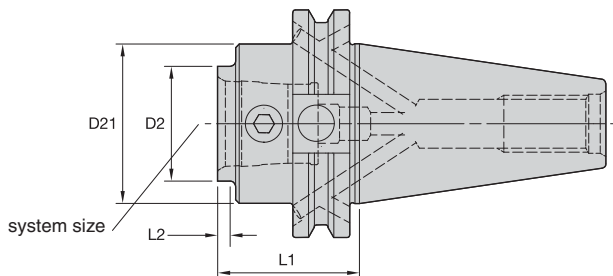
order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	kg	reference head
3554368	CV50BKR32157	CV50	KR32	50	40	KRDCKR32M	3,25	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
3554369	CV50BKR50157	CV50	KR50	65	40	KRDCKR50M	3,05	SVS4B,5B,SVU65,SVUBB2
3554370	CV50BKR63236	CV50	KR63	85	60	KRDCKR63M	3,50	SVS6B,7B,8B
3554371	CV50BKR80275	CV50	KR80	95	70	KRDCKR80M	4,28	SVU92,120

■ CV to KR Adapters B/AD • Inch

order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	lbs	reference head
3554368	CV50BKR32157	CV50	KR32	1.97	1.571	KRDCKR32M	7.20	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
3554369	CV50BKR50157	CV50	KR50	2.56	1.571	KRDCKR50M	6.70	SVS4B,5B,SVU65,SVUBB2
3554370	CV50BKR63236	CV50	KR63	3.35	2.358	KRDCKR63M	7.70	SVS6B,7B,8B
3554371	CV50BKR80275	CV50	KR80	3.74	2.752	KRDCKR80M	9.40	SVU92,120

NOTE: For more information on Romicon boring systems, see the Kennametal Innovations Master Catalog Cutting Tools 2013.

Form AD						
Form B				40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm



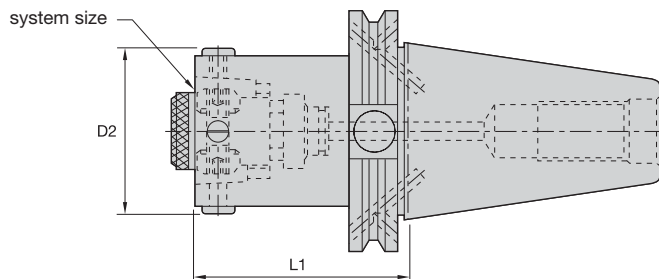
■ KM-CV Form B/AD



order number	catalog number	system size	D2	D21	L1	L2	KM spare parts package	wrench size actuation screw	ft. lbs.	lbs
2992484	CV50BKM32157	KM32	1.26	2.75	1.58	.12	KM32PKG3L	5mm	6	6.60
2992485	CV50BKM32354	KM32	1.26	2.75	3.54	1.89	KM32PKG3S	5mm	6	7.10
2992486	CV50BKM40157	KM40	1.57	2.75	1.58	.12	KM40PKG3L	6mm	9	6.61
2992487	CV50BKM40394	KM40	1.57	2.75	3.94	2.28	KM40PKG3S	6mm	9	7.63
2992488	CV50BKM50236	KM50	1.97	2.75	2.36	.16	KM50PKG3L	10mm	20	7.59
2992489	CV50BKM50472	KM50	1.97	2.75	4.72	3.07	KM50PKG3S	10mm	20	8.83
2992490	CV50BKM50630	KM50	1.97	2.75	6.30	4.65	KM50PKG3S	10mm	20	9.95
2992491	CV50BKM63236	KM63	2.48	2.75	2.36	.20	KM63PKG3L	12mm	35	7.39
2992492	CV50BKM63551	KM63	2.48	2.75	5.51	4.06	KM63PKG3S	12mm	35	11.04
2992493	CV50BKM63709	KM63	2.48	2.75	7.09	5.63	KM63PKG3S	12mm	35	13.12
2992494	CV50BKM80319	KM80	3.15	—	3.19	—	KM80PKG3S	14mm	58	9.04

NOTE: These products only available in the U.S., Canada, and Japan.
Do not overtorque actuation screw; use torque recommendations above.
Supplied with KM actuation mechanism.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

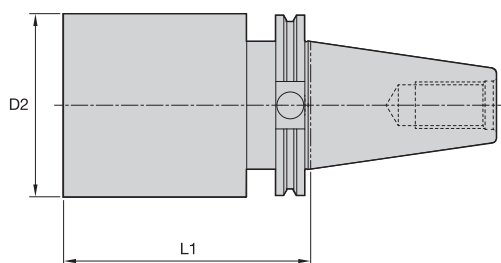
■ HSK-CV Form B/AD

order number	catalog number	system size	D2	L1	wrench size actuation screw	ft. lbs.	lbs
1533058	CV50BHSK50197	HSK50	2.17	1.97	4mm	11	6.39
1533059	CV50BHSK63236	HSK63	2.76	2.36	5mm	15	6.83

NOTE: Do not overtorque actuation screw; use torque recommendations above.
Supplied with actuation mechanism and sealing ring.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Machinable front 20–30 HRC.



ERICKSON

■ BB-CV Form A

order number	catalog number	D2	L1	lbs
1065951	CV50BB400120	4.00	12.00	44.56
1020558	CV50BB400600	4.00	6.00	23.23
1020560	CV50BB600120	6.00	12.00	91.40
1020559	CV50BB600600	6.00	6.00	43.50

NOTE: For retention knobs, see page L45.



DV Shank Tools

DV40	.G2-G41
DV50	.G42-G77



ERICKSON™ DV V-Flange Shank Tooling System • DV40 Series

Primary Application

ERICKSON V-Flange DV Taper Tooling is manufactured from premium materials and meets or exceeds the latest DIN 69871 specification and ISO-1947 taper accuracy of AT3 specification standards. The DV40 tools are either pre-balanced to a high specification or balanced-by-design. For high speed applications Kennametal recommends that the complete toolholder assembly (toolholder, retention knobs, collets, hardware, and cutting tools) be balanced as one entity. Exact RPM limits can only be determined by considering machine and spindle configurations in conjunction with tooling design and safety limits factored as a complete system.



DV DIN 69871 Form B/AD Shank

NOTE: Inherent out-of-balance conditions due to notch and unequal depth of drive slots.



Features and Benefits

- DIN 69871 7/24 taper.
- Standard M16 metric drawbar thread.
- Taper accuracy of AT3 specification or better.
- All tools set to form AD coolant specification. Many can be converted to form B style.
- Maximum 100 bar (1,500 psi) coolant pressure.

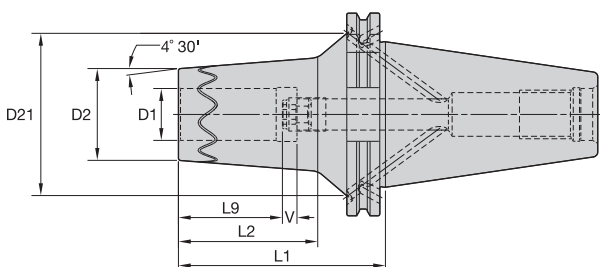
How Do Catalog Numbers Work?

Each character in our catalog number signifies a specific trait of that product. Use the following key columns and corresponding images to easily identify which attributes apply.



DV	40	B	TG	50	100	M
Shank Style	Shank Taper Size	Special Feature (optional)	Toolholder Style	Toolholder Size	Tool Length	Identification Values
DIN 69871	40 = 40 50 = 50	B = DIN form B coolant feature, tool shipped to AD specifications (design allows conversion to form B style) (blank) = (no “B” or “Z”) — tool built to DIN form A/AD coolant style CH = Coolant form AD — high pressure HPV = High performance and balanceable TD = Tunable			(Taper gage line to front of tool) metric xxx = xxx inch xxx = x.xx	
BB = Bar blank DA = Double-angle collet chuck DC = Drill chuck EM = End mill adapter ER = DIN 6499 single-angle collet chuck HC = Hydraulic chuck — Standard Line HCB = Hydraulic chuck — Basic Line HCSL = Hydraulic chuck — Slim Line HCSLT = Hydraulic chuck — Slim Line — Trend HCT = Hydraulic chuck — Trend Line HPMC = Bearing milling chuck — high performance HSK = HSK adapter JT = Jacobs taper adapter KM = KM™ adapter MT = Morse taper adapter RC = Rapid Change — T&C tapping adapter chuck SA = Slotting cutter adapter SER = DIN 6499 single-angle collet chuck — short with internal locknut SFTT = SAFE-LOCK™ Shrink Fit Thermo Toolholder			SM2C = Shell mill adapter with coolant and small diameter SMC = Shell mill adapter with coolant SS = Adapter for straight shanks (drills) SSF = Adapter for straight shanks with flat (drills) ST = Screw-on adapters STRC = Rapid Change — solid tapping adapter chuck SWN = Whistle Notch™ 2° — short — (not to DIN standard) TA = Tap chuck adapter TCRC = Rapid Change — T&C tapping adapter chuck TG = Tremendous Grip single-angle collet chuck TGF = Tremendous Grip single-angle collet chuck — flush face TT = Shrink Fit thermo toolholder TTHT = Shrink Fit thermo toolholder — high torque WD = Whistle Notch with drive WN = Whistle Notch (2° metric; 5° inch)			M = Tool built to metric values and has metric retention thread
				TG = Collet series xx (50), xxx (100) EM = I.D. size: metric — xx = xx, (20); inch — xxx = x.xx, (075) SM = O.D. size: metric — xx = xx, (20); inch — xxx = x.xx, (075)		

- **SAFE-LOCK™**, innovative and unique non-slip system.
- Suitable for carbide and HSS cutting tools.
- Need ≥ 10 kW shrink unit.



ERICKSON

■ TT SF HPV MM-DV FORM B/AD

**Cutting Tool Shank Requirements
metric (ISO standard)**

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

DV40 Shank Tools

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
5129969	DV40BSFTT12065M	12	27	34	65	46	37	10	1,00
5129970	DV40BSFTT14065M	14	30	37	65	46	37	10	1,04
5090239	DV40BSFTT16065M	16	30	37	65	46	40	10	1,01
5090260	DV40BSFTT18065M	18	36	43	65	46	40	10	1,10
5090261	DV40BSFTT20065M	20	36	43	65	46	42	10	1,07
5090262	DV40BSFTT25075M	25	46	52	75	56	48	10	1,35
5090263	DV40BSFTT32080M	32	46	53	80	61	48	10	1,27

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.
Shrink Fit technical section, see page M78.
Shrink Fit accessories, see pages L12–L13.
HSK coolant unit and wrench are available and must be ordered separately; see page L44.

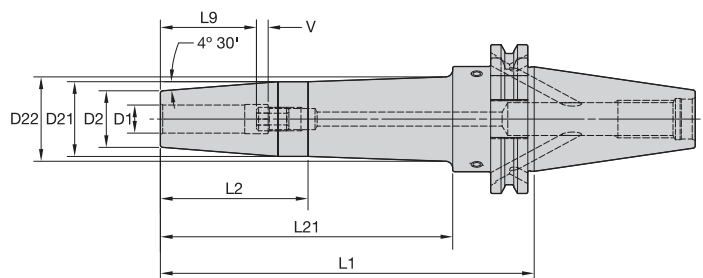
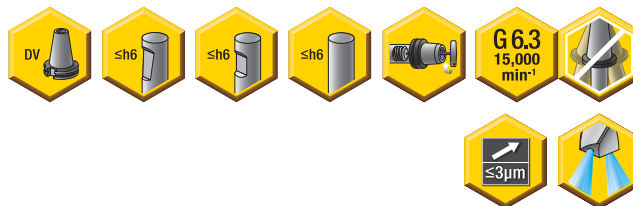
form AD		form B			
			40	(2x) SFV40	1,5mm
			50	(2x) SFV50	1,5mm

DV40 Shank Tools

Shrink Fit Toolholders General Purpose (GP)



- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide and HSS cutting tools (requirements below).



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
6	h6	0,000/-0,008
8 & 10	h6	0,000/-0,009
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON

■ TT GP HPV MM-DV Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3790097	DV40BHPVTT06080M	6	21	27	—	80	61	—	26	10	TTSS05014M	2,5mm	0,99
3790098	DV40BHPVTT06120M	6	21	27	—	120	85	—	26	10	TTSS05014M	2,5mm	1,28
3790099	DV40BHPVTT06160M	6	21	27	32	160	50	125	26	10	TTSS05014M	2,5mm	1,52
3790100	DV40BHPVTT08080M	8	21	27	—	80	61	—	26	10	TTSS06014M	3mm	0,99
3790101	DV40BHPVTT08120M	8	21	27	—	120	85	—	26	10	TTSS06014M	3mm	1,28
3790102	DV40BHPVTT08160M	8	21	27	32	160	50	125	26	10	TTSS06014M	3mm	1,52
3790203	DV40BHPVTT10080M	10	24	32	—	80	61	—	31	10	TTSS08014M	4mm	1,05
3790204	DV40BHPVTT10120M	10	24	32	—	120	85	—	31	10	TTSS08014M	4mm	1,38
3790205	DV40BHPVTT10160M	10	24	32	36	160	63	125	31	10	TTSS08014M	4mm	1,68
3617617	DV40BHPVTT12080M	12	24	32	—	80	61	—	36	10	TTSS10014M	5mm	1,03
3617642	DV40BHPVTT12120M	12	24	32	—	120	85	—	36	10	TTSS10014M	5mm	1,37
3617643	DV40BHPVTT12160M	12	24	32	36	160	63	125	36	10	TTSS10014M	5mm	1,66
3617644	DV40BHPVTT14080M	14	27	34	—	80	61	—	36	10	TTSS10014M	5mm	1,08
3617645	DV40BHPVTT14120M	14	27	34	—	120	85	—	36	10	TTSS10014M	5mm	1,43

(continued)

(TT GP HPV continued)



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3617646	DV40BHPVTT14160M	14	27	34	38	160	63	125	36	10	TTSS10014M	5mm	1,76
3617647	DV40BHPVTT16080M	16	27	34	—	80	61	—	39	10	TTSS12014M	6mm	1,05
3617648	DV40BHPVTT16120M	16	27	34	—	120	85	—	39	10	TTSS12014M	6mm	1,40
3617649	DV40BHPVTT16160M	16	27	34	38	160	63	125	39	10	TTSS12014M	6mm	1,73
3617650	DV40BHPVTT18080M	18	33	41	—	80	61	—	39	10	TTSS12014M	6mm	1,19
3617651	DV40BHPVTT18120M	18	33	42	—	120	85	—	39	10	TTSS12014M	6mm	1,63
3617652	DV40BHPVTT18160M	18	33	42	—	160	125	—	39	10	TTSS12014M	6mm	2,05
3617653	DV40BHPVTT20080M	20	33	41	—	80	61	—	41	10	TTSS16014M	8mm	1,16
3617654	DV40BHPVTT20120M	20	33	42	—	120	85	—	41	10	TTSS16014M	8mm	1,59
3617655	DV40BHPVTT20160M	20	33	42	—	160	125	—	41	10	TTSS16014M	8mm	2,00
3617656	DV40BHPVTT25100M	25	44	53	—	100	81	—	47	10	TTSS16014M	8mm	1,65
3617657	DV40BHPVTT25160M	25	44	53	—	160	141	—	47	10	TTSS16014M	8mm	2,65
3617658	DV40BHPVTT32100M	32	44	53	—	100	81	—	51	10	TTSS16014M	8mm	1,49
3617659	DV40BHPVTT32160M	32	44	53	—	160	141	—	51	10	TTSS16014M	8mm	2,48

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

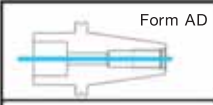
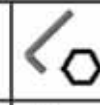
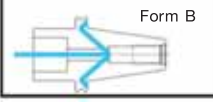
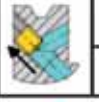
Shrink Fit technical section, see page M78.

Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5mm lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.

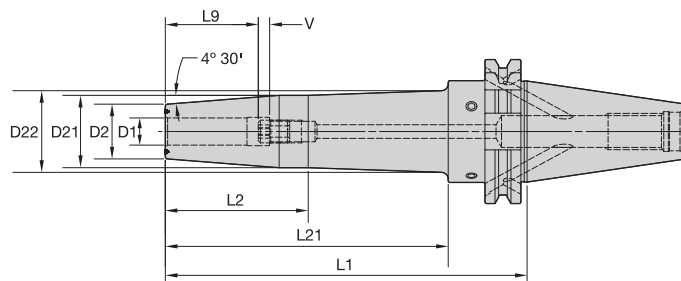
Form AD						
Form B				40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm

DV40 Shank Tools

Shrink Fit Toolholders High Torque (HT)



- 30–50% higher clamping torque compared to GP line.
- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide only, designated by groove in front face (requirements below).
- 10 kW power or greater Shrink Fit device must be used.



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON

■ TT HT HPV MM-DV Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3617591	DV40BHPVTTHT12080M	12	24	32	—	80	61	—	36	10	TTSS10014M	5mm	1,03
3617592	DV40BHPVTTHT12120M	12	24	32	—	120	85	—	36	10	TTSS10014M	5mm	1,37
3617605	DV40BHPVTTHT12160M	12	24	32	36	160	63	125	36	10	TTSS10014M	5mm	1,66
3617606	DV40BHPVTTHT14080M	14	27	34	—	80	61	—	36	10	TTSS10014M	5mm	1,08
3617607	DV40BHPVTTHT14120M	14	27	34	—	120	85	—	36	10	TTSS10014M	5mm	1,43
3617608	DV40BHPVTTHT14160M	14	27	34	38	160	63	125	36	10	TTSS10014M	5mm	1,76
3617609	DV40BHPVTTHT16080M	16	27	34	—	80	61	—	39	10	TTSS12014M	6mm	1,05
3617610	DV40BHPVTTHT16120M	16	27	34	—	120	85	—	39	10	TTSS12014M	6mm	1,40
3617611	DV40BHPVTTHT16160M	16	27	34	38	160	63	125	39	10	TTSS12014M	6mm	1,73
3617612	DV40BHPVTTHT18080M	18	33	41	—	80	61	—	39	10	TTSS12014M	6mm	1,19
3617613	DV40BHPVTTHT18120M	18	33	42	—	120	85	—	39	10	TTSS12014M	6mm	1,63
3617614	DV40BHPVTTHT18160M	18	33	42	—	160	125	—	39	10	TTSS12014M	6mm	2,05
3617615	DV40BHPVTTHT20080M	20	33	41	—	80	61	—	41	10	TTSS16014M	8mm	1,16
3617616	DV40BHPVTTHT20120M	20	33	42	—	120	85	—	41	10	TTSS16014M	8mm	1,59

(continued)

(TT HT HPV continued)



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3617618	DV40BHPVTTH20160M	20	33	42	—	160	125	—	41	10	TTSS16014M	8mm	2,00
3617619	DV40BHPVTTH25100M	25	44	53	—	100	81	—	47	10	TTSS16014M	8mm	1,65
3617620	DV40BHPVTTH25160M	25	44	53	—	160	141	—	47	10	TTSS16014M	8mm	2,65
3617621	DV40BHPVTTH32100M	32	44	53	—	100	81	—	51	10	TTSS16014M	8mm	1,49
3617622	DV40BHPVTTH32160M	32	44	53	—	160	141	—	51	10	TTSS16014M	8mm	2,48

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

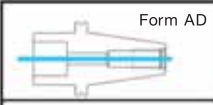
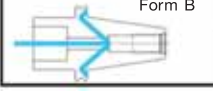
Shrink Fit technical section, see page M78.

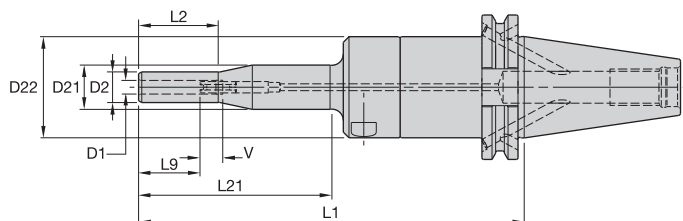
Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5mm lg fine-balancing screw set (10 pieces) is available. Order number is MS1276PKG and must be ordered separately.

For retention knobs, see page L45.

Form AD						
Form B				40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm



ERICKSON

■ HC Slim-T MM-DV Form B/AD

**Cutting Tool Shank Requirements
metric (ISO standard)**

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20	h6	0,000/-0,013

order number	catalog number	D1	D2	D21	D22	L1	L2	L9	L21	V	kg
3019233	DV40BHCSLT06170M	6	13,5	19,5	44,5	170	35	27	85	10	1,64
3019234	DV40BHCSLT08170M	8	15,5	19,5	44,5	170	35	27	85	10	1,65
3019235	DV40BHCSLT10170M	10	17,5	44,5	—	170	85	31	151	10	1,64

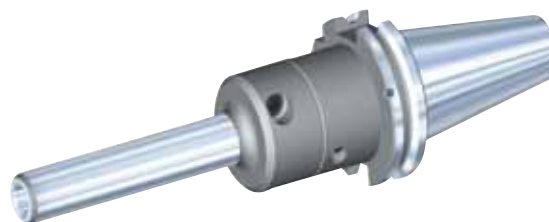
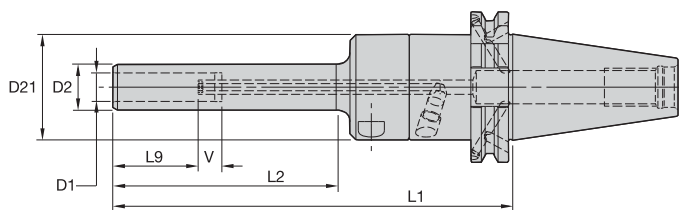
■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw
DV40BHCSLT06170M	170.135	5mm	170.002	2,5mm
DV40BHCSLT08170M	170.135	5mm	170.002	2,5mm
DV40BHCSLT10170M	170.135	5mm	170.003	3mm

(continued)

(Slim Line continued)



■ HC Slim MM-DV Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
2634535	DV40BHCSL12170M	12	19,5	44,5	170	95	36	10	1,55
2634536	DV40BHCSL14170M	14	21,5	52,5	170	95	36	10	1,78
2634537	DV40BHCSL16170M	16	23,5	52,5	170	95	39	10	1,80
2634538	DV40BHCSL18170M	18	25,5	52,5	170	95	39	10	1,85
2634539	DV40BHCSL20170M	20	27,5	52,5	170	95	41	10	1,89

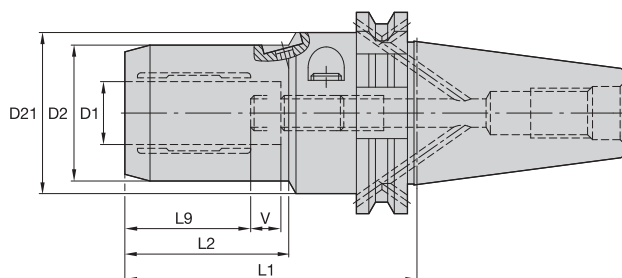
■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw
DV40BHCSL12170M	170.135	5mm	170.002	2,5mm
DV40BHCSL14170M	170.135	5mm	170.002	2,5mm
DV40BHCSL16170M	170.135	5mm	170.002	2,5mm
DV40BHCSL18170M	170.135	5mm	170.002	2,5mm
DV40BHCSL20170M	170.135	5mm	170.002	2,5mm

NOTE: Do not overtorque actuation screw. Use supplied wrench and tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw and actuation wrench.
 Unable to use SEFAS™ chamfering rings on this design.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



**Cutting Tool Shank Requirements
metric (ISO standard)**

cutting tool shank diameter	tolerance	
6	h6	0,000/-0,008
8 & 10	h6	0,000/-0,009
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

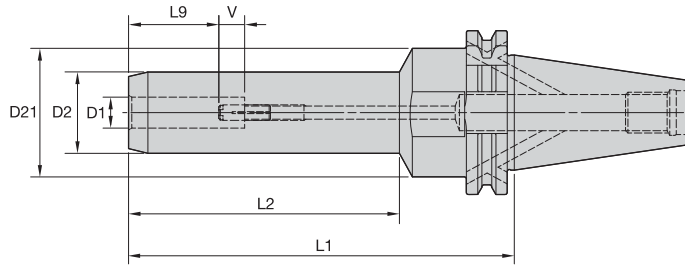
ERICKSON

■ **HC MM-DV Form B/AD**

order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw	kg
1245443	DV40BHC06072M	6	25,7	50	72	33	30	10	170.135	5mm	170.002	2,5mm	1,12
1245444	DV40BHC08072M	8	27,7	50	72	34	30	10	170.135	5mm	170.002	2,5mm	1,13
1245445	DV40BHC10077M	10	29,7	50	77	39	35	10	170.135	5mm	170.002	2,5mm	1,17
1237451	DV40BHC12077M	12	31,6	50	77	40	35	10	170.135	5mm	170.002	2,5mm	1,18
1245446	DV40BHC14082M	14	33,6	50	82	46	40	10	170.135	5mm	170.003	3mm	1,22
1237452	DV40BHC16082M	16	37,6	50	82	47	40	10	170.135	5mm	170.003	3mm	1,28
1245447	DV40BHC18082M	18	39,6	50	82	47	40	10	170.135	5mm	170.003	3mm	1,31
1191013	DV40BHC20082M	20	41,6	50	82	48	40	10	170.135	5mm	170.003	3mm	1,33
1245448	DV40BHC25117M	25	49,8	63	117	51	51	10	170.136	6mm	170.004	4mm	2,16
1245449	DV40BHC32117M	32	59,8	63	117	59	51	10	170.136	6mm	170.004	4mm	2,34

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
Hydraulic chuck technical section, see page M84.
Supplied with stop screw.
Actuation wrench must be ordered separately.
Reduction sleeves are available and must be ordered separately; see page J2.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
6	h6	0,000/-0,008
8 & 10	h6	0,000/-0,009
12, 14, 16, & 18	h6	0,000/-0,011
20	h6	0,000/-0,013

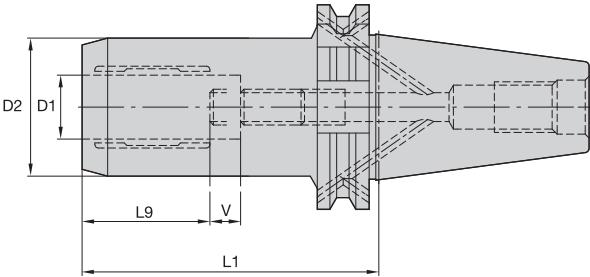
ERICKSON

■ HC Trend In-DV Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw	kg
1809973	DV40BHCT06150M	6	26	50	150	105	30	10	170.135	5mm	170.003	3mm	1,50
1809974	DV40BHCT08150M	8	28	50	150	105	30	10	170.135	5mm	170.003	3mm	1,56
1809975	DV40BHCT10150M	10	30	50	150	105	35	10	170.135	5mm	170.003	3mm	1,63
1809976	DV40BHCT12150M	12	32	50	150	105	35	10	170.135	5mm	170.003	3mm	1,69
1809977	DV40BHCT14150M	14	34	50	150	105	40	10	170.135	5mm	170.005	5mm	1,73
1809978	DV40BHCT16150M	16	38	50	150	105	40	10	170.135	5mm	170.005	5mm	1,90
1809979	DV40BHCT18150M	18	40	50	150	105	40	10	170.135	5mm	170.005	5mm	1,98
1809980	DV40BHCT20150M	20	42	50	150	105	40	10	170.135	5mm	170.005	5mm	2,07

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
Hydraulic chuck technical section, see page M84.
Supplied with stop screw.
Actuation wrench must be ordered separately.
Reduction sleeves are available and must be ordered separately; see page J2.
For retention knobs, see page L45.

Form AD	✓				
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



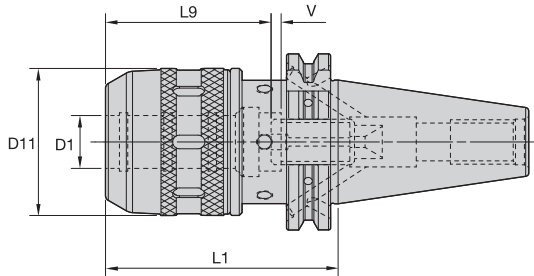
ERICKSON

■ HC Basic MM-DV Form B/AD

order number	catalog number	D1	D2	L1	L9	V	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw	kg
1599399	DV40BHCB20082M	20	49,9	82	41	10	170.135	5mm	—	5mm	1,57

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrench must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

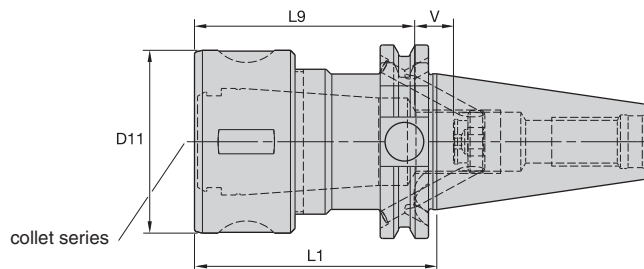
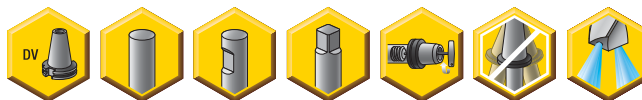
■ HPMC MM-DV Form B/AD

order number	catalog number	D1	D11	L1	L9	V	locknut wrench	stop screw	wrench size stop screw	kg
3523084	DV40BHPMC20085M	20	53	85	44	20	PSW52M	MCSS16040M	2,5mm & 5mm	1,54
3523085	DV40BHPMC20150M	20	53	150	49	20	PSW52M	MCSS16040M	2,5mm & 5mm	2,59
3523086	DV40BHPMC25095M	25	61	95	55	20	PSW58M	MCSS16040M	2,5mm & 5mm	1,91
3523087	DV40BHPMC25150M	25	61	150	55	20	PSW58M	MCSS16040M	2,5mm & 5mm	2,93
3523088	DV40BHPMC32120M	32	70	120	58	20	PSW68M	MCSS16040M	2,5mm & 5mm	2,56
3523089	DV40BHPMC32150M	32	70	150	58	20	PSW68M	MCSS16040M	2,5mm & 5mm	3,27

NOTE: Milling chuck technical section, see page M88.
 Supplied with locknut and stop screw.
 Locknut wrench not included.
 Optional M6~1,0P fine-balancing screw set is available (order number HPMCBALSCREWSET) and must be ordered separately; see page L14.
 Reduction sleeves are available and must be ordered separately; see page J6.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Tremendous Grip (3:1 advantage).



TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG100	2,6	25,5	5/64	1

ERICKSON™

■ TG Round-DV Form B/AD



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size stop screw	kg
1237204	DV40BTG100080M	DV40	60	80	70	8	LNA100M	HSW58M	203	SS081041G	4mm & 5/32	1,38

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool,

then tighten to the recommended tightening torque.

Collet chuck technical section, see page M98.

Supplied with locknut and stop screw.

Locknut wrench must be ordered separately.

Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.

Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.

Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.

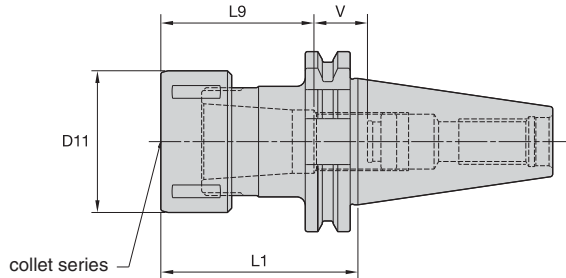
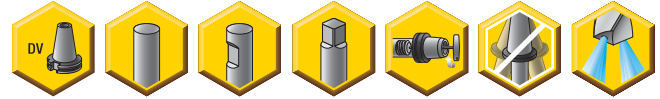
TG standard straight-bore collets, see page J10.

TG tap collets, see page J10.

For retention knobs, see page L45.

Form AD					
Form B					
			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Tremendous Grip (3:1 advantage).



TG collet series	Collet Capacity			
	mm	inch	min	max
TG75	2,6	20,0	3/64	3/4
TG100	2,6	25,5	5/64	1
TG150	11,6	40,0	23/64	1 1/2

ERICKSON

■ TG Round-DV Form AD



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size stop screw	kg
1191962	DV40TG075070M	TG75	50	70	54	14	LNA075M	HSW45M	136	SS081041G	4mm & 5/32	1,14
1156385	DV40TG100080M	TG100	60	80	70	23	LNA100M	HSW58M	203	SS112041G	4mm & 5/32	1,30
1263986	DV40TG100100M	TG100	60	100	70	43	LNA100M	HSW58M	203	SS112041G	4mm & 5/32	1,49
1191963	DV40TG100150M	TG100	60	150	70	70	LNA100M	HSW58M	203	SS112041G	4mm & 5/32	1,99
1191964	DV40TG150125M	TG150	85	125	86	52	LNA150M	HSW80M	271	SS112041G	4mm & 5/32	2,57

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.

Collet chuck technical section, see page M98.

Supplied with locknut and stop screw.

Locknut wrench must be ordered separately.

Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.

Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.

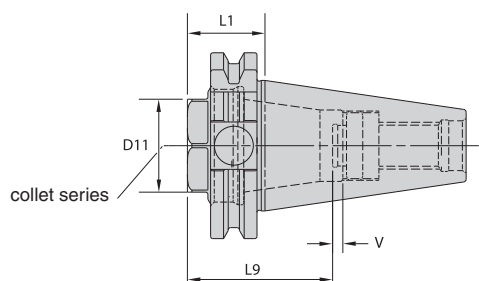
Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.

TG standard straight-bore collets, see page J10.

TG tap collets, see page J10.

For retention knobs, see page L45.

- Grip (2:1 advantage).



ER collet series	Collet Capacity		mm		inch	
	min	max	min	max	min	max
ER32	2,0	20,0	.08	.81		

ERICKSON™

■ ER Short-DV Form AD

order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size stop screw	kg
3479819	DV40SER32027M	ER32	36	27	50	5	LNECSER32M	OEW32M	136	SS094041G	4mm & 5/32	0,60

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
ER standard straight-bore collets, see page J50.
ER tap collets, see pages J58–J59.
ER TCT tension-only tap collets, see page J60.
For retention knobs, see page L45.

The image shows several components of the Romicron Boring System. On the left is a small, silver-colored tool holder. In the center is a larger, silver-colored tool holder with a black dial on top. To the right of the center is another silver-colored tool holder with a black dial and a black tool bit inserted into it. Below these three are five smaller, silver-colored tool holders, each with a black tool bit inserted. The components are arranged on a yellow rectangular surface, which is set against a background of a black and white checkered pattern.

RomicronTM Boring System

Fast

Adjustments can be made in less than 5 seconds, while still holding 0,002mm (.0001") on the diameter!

Accurate

Each click of the dial is 0,001mm (.000040") on the radius and can be done in less than 5 seconds.

This high-performance boring system will give you:

- More uptime.
- Less scrap.
- Longer tool life.
- CPKs greater than 1.33.
- Less stress during adjustments.

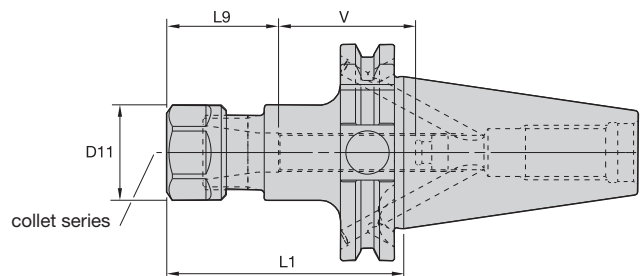
NOTE: For Romicron boring systems, see the Kennametal Innovations Master Catalog Cutting Tools 2013.

Experience the advantages at your Authorized Kennametal Distributor or at www.kennametal.com.

www.kennametal.com



- Grip (2:1 advantage).



ERICKSON™

■ ER Hex-DV Form B/AD

ER collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
ER16	0,5	10,0	.02	.41
ER25	1,0	16,0	.04	.63
ER32	2,0	20,0	.08	.81
ER40	3,0	26,0	.12	1.00

order number	catalog number	collet series	D11	L1	L9	V	kg
1770957	DV40BER16070M	ER16	28	70	32	48	0,96
1770958	DV40BER16120M	ER16	28	120	32	48	1,14

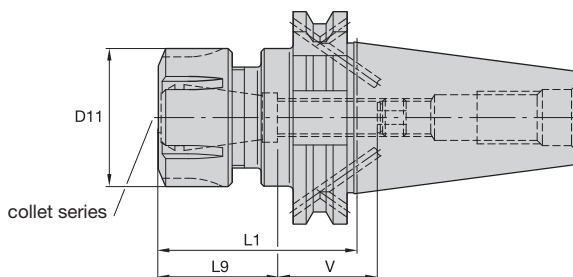
■ Spare Parts



catalog number	locknut	wrench	counterbore collet torque (Nm)	straight collet torque (Nm)	stop screw	wrench size stop screw
DV40BER16070M	LNHSER16M	OE25M	40	56	SS044038G	4mm & 5/32
DV40BER16120M	LNHSER16M	OE25M	40	56	SS044038G	4mm & 5/32

(continued)

(ER continued)



■ ER Round-DV Form B/AD

order number	catalog number	collet series	D11	L1	L9	V	kg
1263807	DV40BER25065M	ER25	42	65	40	35	1,04
1263808	DV40BER25120M	ER25	42	120	40	60	1,51
1263809	DV40BER32070M	ER32	50	70	46	33	1,08
1263810	DV40BER32120M	ER32	50	120	46	54	1,55
1263811	DV40BER40080M	ER40	63	80	52	34	1,22
1263812	DV40BER40120M	ER40	63	120	52	48	1,57

■ Spare Parts



catalog number	locknut	wrench	Nm	stop screw	wrench size stop screw
DV40BER25065M	LNSER25M	ER25WM	104	SS075041G	4mm & 5/32
DV40BER25120M	LNSER25M	ER25WM	104	SS075041G	4mm & 5/32
DV40BER32070M	LNSER32M	ER32WM	136	SS094041G	4mm & 5/32
DV40BER32120M	LNSER32M	ER32WM	136	SS094041G	4mm & 5/32
DV40BER40080M	LNSER40M	ER40WM	176	SS112041G	4mm & 5/32
DV40BER40120M	LNSER40M	ER40WM	176	SS112041G	4mm & 5/32

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 ER standard straight-bore collets, see page J50.
 ER tap collets, see pages J58–J59.
 ER TCT tension-only tap collets, see page J60.
 For retention knobs, see page L45.

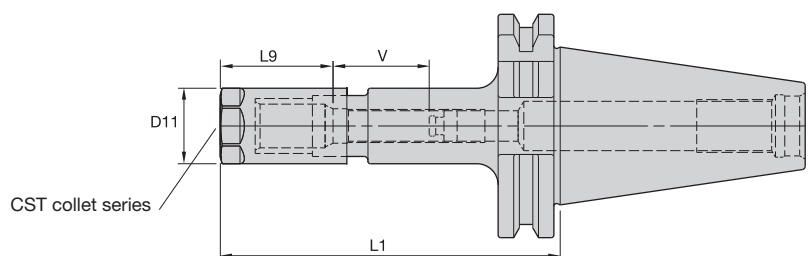
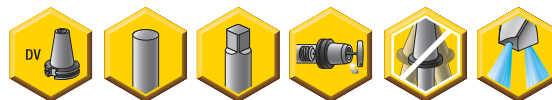
Form AD					
Form B					
		40	(2x) MS2221S	2,5mm	
		50	(2x) MS1296S	3mm	

DV40 Shank Tools

DA 04 Series Double-Angle Collet Chucks



- Grip 1:1.
- Balanced-by-design.
- Through-the-toolholder coolant capability — form AD.



ERICKSON™

■ DA Style 04-DV Form AD • Hex Locknut • Metric

DA 08 collet series	Collet Capacity			
	mm		inch	
DA200	min	max	min	max
	0,2	10	1/64	25/64

order number	catalog number	CST collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size stop screw	Nm	kg
1156381	DV40DA204100M	DA200	21	100	38	30	LNA204M	OEW19M	54	SS038031G	2mm & 5/64	54	1,10
1191927	DV40DA204150M	DA200	21	150	38	30	LNA204M	OEW19M	54	SS038031G	2mm & 5/64	54	1,06

NOTE: Tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.
 For retention knobs, see page L45.

High-Performance Solid Carbide End Mills

In High-Performance Cutting (HPC), slow microcreeping can cause the cutting tool to be pulled out of the chuck, **turning high-quality workpieces to scrap.**

Be on the Safe Side with SAFE-LOCK™ in High-Performance Cutting (HPC)



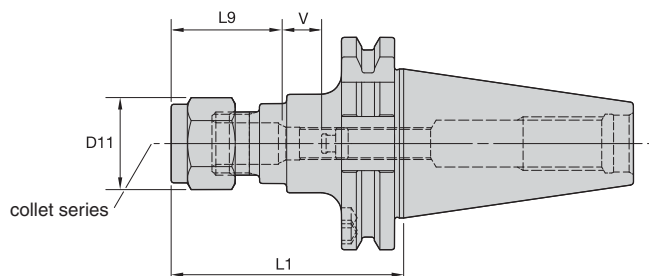
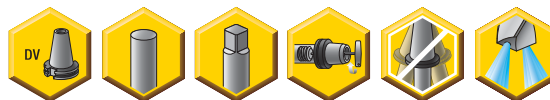
Benefits

- Highly accurate clamping due to positive connection.
- No loss of accuracy.
- No pull out or spinning of the tool.
- No damage to the workpiece or machine.
- Groove on tool shank is directed so the tool will be pulled into the chuck (depending on direction of rotation).

*To learn more, **scan here.***
For instructions on how to scan, please see page xxxiii.



- Grip 1:1.



DA collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
DA200	0,2	10	1/64	25/64
DA100	1,8	14	1/64	9/16
DA180	2,2	20	1/64	3/4

ERICKSON™

■ DA Hex-DV Form AD

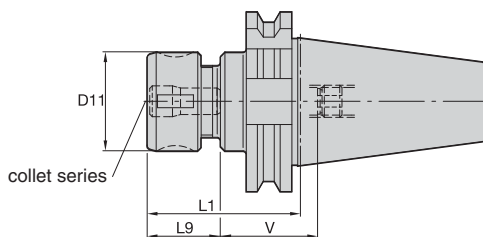
order number	catalog number	collet series	D11	L1	L9	V	lbs
1156382	DV40DA208070M	DA200	1.08	2.76	1.50	1.26	2.11
1191924	DV40DA108070M	DA100	1.44	2.76	1.77	1.58	2.19

■ Spare Parts

catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
DV40DA208070M	LNA208M	OEW24M	44	SS038031G	2mm & 5/64
DV40DA108070M	LNA108M	OEW32M	55	SS056041G	4mm & 5/32

(continued)

(DA continued)



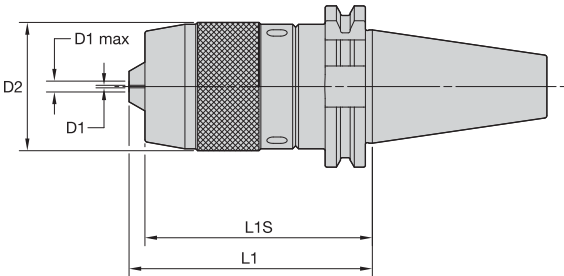
■ DA Round-DV Form AD

order number	catalog number	collet series	D11	L1	L9	V	lbs
1156380	DV40DA188070M	DA180	1.69	2.76	1.96	.67	2.65
1191925	DV40DA188100M	DA180	1.69	3.94	1.96	1.86	3.09
1191926	DV40DA188150M	DA180	1.69	5.91	1.96	1.86	3.97

■ Spare Parts

catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
DV40DA188070M	LNA188M	HSW45M	100	SS081041G	4mm & 5/32
DV40DA188100M	LNA188M	HSW45M	100	SS081041G	4mm & 5/32
DV40DA188150M	LNA188M	HSW45M	100	SS081041G	4mm & 5/32

NOTE: For retention, tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.



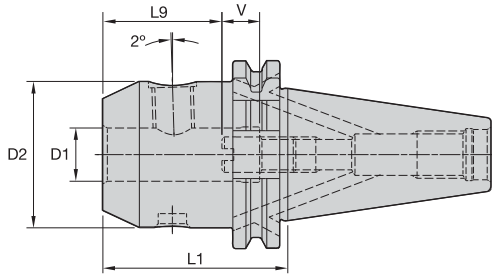
ERICKSON™

■ DC-DV Form A

order number	catalog number	D1		D1 max		D2	L1	L1S	 locknut wrench	ft. lbs.	lbs
		mm	in	mm	in						
3583505	DV40DC13090M	1,0	.039	13,0	.512	50,5	102,3	90	PSW45M	40	3.48

NOTE: Tighten to the recommended tightening torque.
Locking wrench not supplied.
For retention knobs, see page L45.

DV40 Shank Tools



ERICKSON

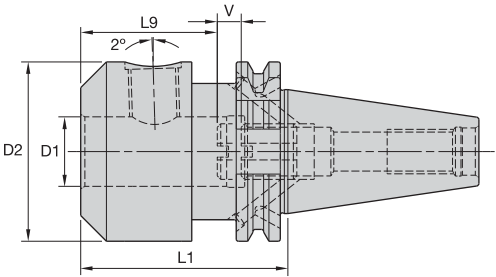
■ WN MM-DV Form B/AD



order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	Nm	stop screw	wrench size stop screw	kg
1135194	DV40BWN06050M	6	25	50	30	10	SS03M012	3mm	7	571.060	2,5mm	0,89
1135203	DV40BWN08050M	8	28	50	30	10	SS03M014	4mm	15	571.067	3mm	0,92
1135210	DV40BWN10050M	10	35	50	35	10	SS03M018	5mm	25	571.068	4mm	0,98
1135219	DV40BWN12050M	12	42	50	40	10	SS03M023	6mm	35	571.074	5mm	1,05
1135227	DV40BWN14050M	14	44	50	40	10	SS03M023	6mm	35	571.074	5mm	1,07
1135245	DV40BWN16063M	16	48	63	43	10	SS03M025	6mm	50	571.075	6mm	1,27
1135255	DV40BWN18063M	18	50	63	43	10	SS03M025	6mm	50	571.075	6mm	1,31
1135265	DV40BWN20063M	20	52	63	45	10	SS03M026	8mm	95	571.076	6mm	1,29
1135273	DV40BWN25100M	25	65	100	50	10	SS03M027	10mm	135	571.076	6mm	2,26
1135282	DV40BWN32100M	32	72	100	54	10	SS03M029	10mm	160	571.076	6mm	2,48

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw and stop screw.
 Lock screw or stop screw wrenches not included.
 For retention knobs, see page L45.

Form AD					
Form B					
	40	(2x) MS2221S	2,5mm		
	50	(2x) MS1296S	3mm		



ERICKSON™

■ SWN MM-DV Form B/AD

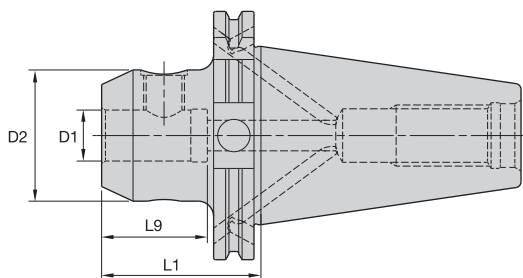


order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	Nm	stop screw	wrench size stop screw	kg
1134537	DV40BSWN25075M	25	65	75	44	15	SS03M027	10mm	135	571.066	10mm	1,71
1134538	DV40BSWN32075M	32	72	75	46	17	SS03M029	10mm	160	571.066	10mm	1,80

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrenches not included.
For retention knobs, see page L45.

DV40 Shank Tools

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

■ EM MM-DV Form B/AD

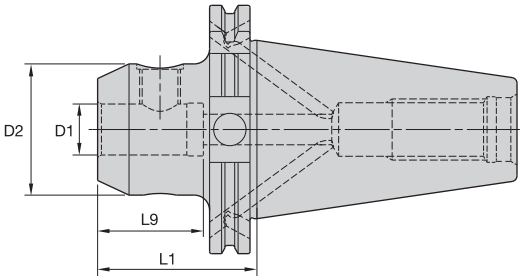


order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	Nm	kg
1263781	DV40BEM06050M	6	25	50	40	SS03M012	3mm	7	0,88
1263784	DV40BEM08050M	8	28	50	40	SS03M014	4mm	15	0,93
1263787	DV40BEM10050M	10	35	50	45	SS03M018	5mm	25	0,96
1263790	DV40BEM12050M	12	42	50	50	SS03M023	6mm	35	1,03
1886608	DV40BEM14050M	14	44	50	50	SS03M023	6mm	35	1,06
1263796	DV40BEM16063M	16	48	63	53	SS03M025	6mm	50	1,25
1263799	DV40BEM20063M	20	50	63	55	SS03M026	8mm	95	1,25
1156378	DV40BEM25100M	25	65	100	60	SS03M027	10mm	135	2,27
1237816	DV40BEM32100M	32	72	100	65	SS03M029	10mm	160	2,48

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw.
 Lock screw wrench not included.
 For retention knobs, see page L45.

DV40 Shank Tools

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

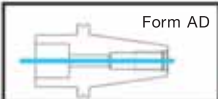
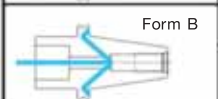


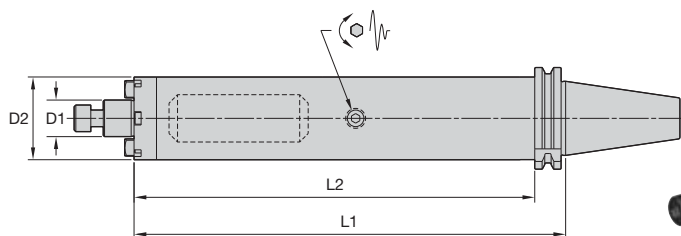
SEM MM-DV Form B/AD

order number	catalog number	D1	D2	L1	L9
1263821	DV40BSEM25045M	25	44,45	45	60
1263822	DV40BSEM32070M	32	65,50	70	—

NOTE: Do not overtighten clamp screw.
Supplied with clamp screw.
Clamp screw wrench not included.
For retention knobs, see page L45.

DV40 Shank Tools

 Form AD					
 Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

■ SMC TD Cap MM-DV Form B/AD

order number	catalog number	D1	D2	L1	L2	lock screw	drive key	wrench size lock screw	kg
4135132	DV40BTDSMC22260M	22	49	260	13,5	MS1234	KDK22M	8mm	4,30

■ SMC TD Lock MM-DV Form B/AD

order number	catalog number	D1	D2	L1	L2	lock screw	drive key	wrench size lock screw	kg
4135483	DV40BTDSMC27260M	27	61	260	241,0	KLSS27M	—	10mm	5,88

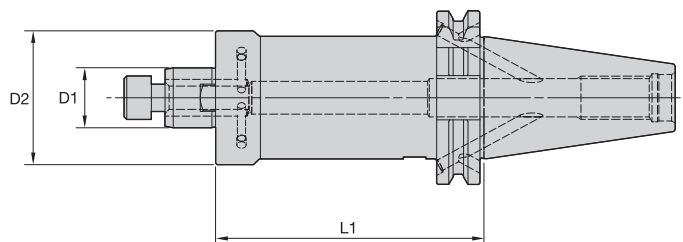
NOTE: Do not overtighten lock screw.
Supplied with lock screw and drive keys.
Lock screw wrench not included.
For retention knobs, see page L45.

DV40 Shank Tools

Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm

DV40 Shank Tools

Shell Mill Adapters with Through Coolant



ERICKSON

■ SMC Cap MM-DV Form B/AD

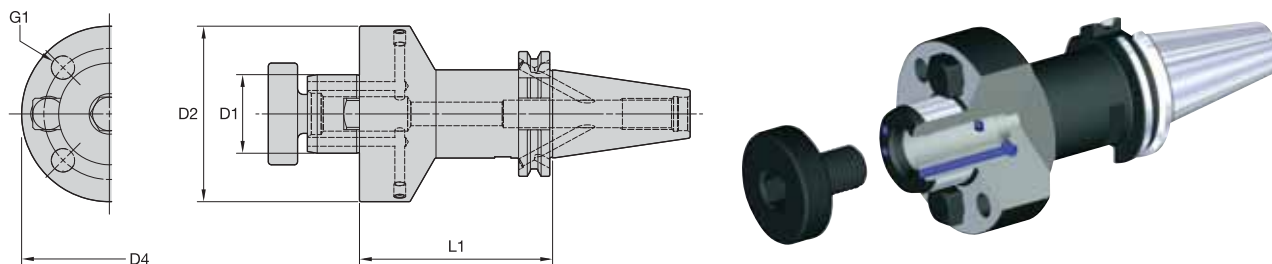


order number	catalog number	D1	D2	L1	lock screw	drive key	wrench size lock screw	kg
3767816	DV40BSM2C16035M	16	38	35	MS1294	KDK16M	6mm	0,94
3767818	DV40BSM2C16100M	16	38	100	MS1294	KDK16M	6mm	1,46
3767815	DV40BSMC16035M	16	44	35	MS1294	KDK16M	6mm	0,98
3767817	DV40BSMC16100M	16	44	100	MS1294	KDK16M	6mm	1,70
3767820	DV40BSM2C22035M	22	42	35	MS1234	—	8mm	1,00
3767822	DV40BSM2C22100M	22	42	100	MS1234	—	8mm	1,65
3767819	DV40BSMC22035M	22	49	35	MS1234	KDK22M	8mm	1,06
3767821	DV40BSMC22100M	22	49	100	MS1234	KDK22M	8mm	1,81

(continued)

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

(SMC continued)

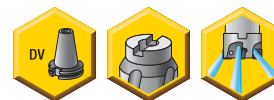
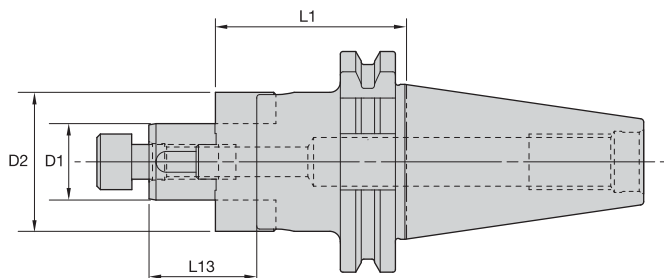


■ SMC Lock MM-DV Form B/AD

order number	catalog number	D1	D2	L1	G1	D4	lock screw	drive key	wrench size lock screw	kg
3767833	DV40BSMC27035M	27	50,0	35	—	—	KLSS27M	KDK27M	10mm	1,14
3767834	DV40BSMC27100M	27	60,0	100	—	—	KLSS27M	KDK27M	10mm	2,05
3767835	DV40BSMC32050M	32	78,0	50	—	—	KLSS32M	KDK32M	14mm	1,77
3767836	DV40BSMC32100M	32	78,0	100	—	—	KLSS32M	KDK32M	14mm	2,54
3767837	DV40BSMC40050M	40	89,3	50	M12 X 1.75	67	KLSS40M	KDK40M	17mm	2,01
3767838	DV40BSMC40100M	40	89,3	100	M12 X 1.75	67	KLSS40M	KDK40M	17mm	3,23

NOTE: Do not overtighten lock screw.
Supplied with lock screw and drive keys.
Lock screw wrench not included.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

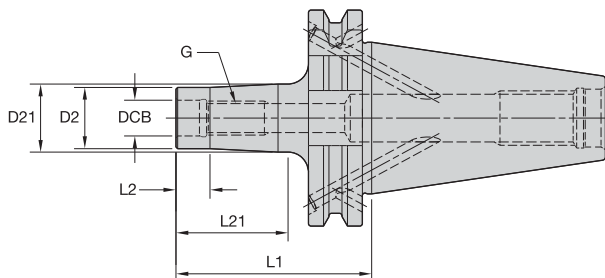
■ CS MM-DV Form AD • Cap Screw Design

order number	catalog number	D1	D2	L1	L13	lock screw	wrench size lock screw	combi driver ring	combi drive key	kg
1263828	DV40CS16055M	16	32	55	27	MS1294	6mm	CDR16M	CDK16M	1,02
1191920	DV40CS16100M	16	32	100	27	MS1294	6mm	CDR16M	CDK16M	1,25
1236436	DV40CS22055M	22	40	55	31	MS1234	8mm	CDR22M	CDK22M	1,18
1191921	DV40CS22100M	22	40	100	31	MS1234	8mm	CDR22M	CDK22M	1,56

■ CS MM-DV Form AD • Lock Screw Design

order number	catalog number	D1	D2	L1	L13	lock screw	wrench	combi driver ring	combi drive key	kg
1156379	DV40CS27055M	27	48	55	33	KLS27MPKG	SMW27M	CDR27M	CDK27M	1,36
1263832	DV40CS27100M	27	48	100	33	KLS27MPKG	SMW27M	CDR27M	CDK27M	1,94
1263833	DV40CS27150M	27	48	150	33	KLS27MPKG	SMW27M	CDR27M	CDK27M	2,59
1191922	DV40CS32060M	32	58	60	38	KLS32M	SMW32M	CDR32M	CDK32M	1,65
1263835	DV40CS32100M	32	58	100	38	KLS32M	SMW32M	CDR32M	CDK32M	2,43
1191923	DV40CS40060M	40	70	60	41	KLS40M	SMW40M	CDR40M	CDK40M	2,06

NOTE: Do not overtighten lock screw.
Supplied with lock screw, drive ring, and drive keys.
Lock screw wrench not included.
For retention knobs, see page L45.



ERICKSON

■ ST-DV Form B/AD

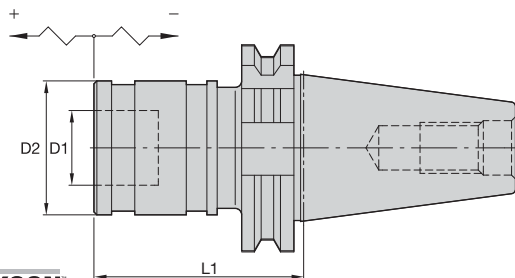
order number	catalog number	DCB	G	D2	D21	L1	L2	L21	kg
4066108	DV40BST06038M	6,5	M6	10	—	38	13	—	0,82
4066109	DV40BST06058M	6,5	M6	10	13	58	10	33	0,80
4066110	DV40BST06078M	6,5	M6	10	20	78	10	53	0,85
4066111	DV40BST06098M	6,5	M6	10	23	98	10	73	0,90
4066112	DV40BST08038M	8,5	M8	13	—	38	13	—	0,82
4066123	DV40BST08058M	8,5	M8	13	15	58	10	33	0,81
4066124	DV40BST08078M	8,5	M8	13	23	78	10	53	0,88
4066125	DV40BST08098M	8,5	M8	13	23	98	10	73	0,91
4066126	DV40BST10038M	10,5	M10	18	—	38	13	—	0,83
4066127	DV40BST10058M	10,5	M10	18	20	58	10	33	0,87
4066128	DV40BST10078M	10,5	M10	18	25	78	10	53	0,91
4066129	DV40BST10098M	10,5	M10	18	28	98	10	73	0,99
4066130	DV40BST12038M	12,5	M12	21	—	38	13	—	0,83
4066131	DV40BST12058M	12,5	M12	21	24	58	10	33	0,88
4066132	DV40BST12078M	12,5	M12	21	24	78	10	53	0,91
4066133	DV40BST12098M	12,5	M12	21	31	98	10	73	1,05
4066134	DV40BST12118M	12,5	M12	21	31	118	10	93	1,12
4066135	DV40BST16038M	17,0	M16	29	—	38	13	—	0,86
4066136	DV40BST16058M	17,0	M16	29	—	58	33	—	0,95
4066137	DV40BST16078M	17,0	M16	29	34	78	10	53	1,09
4066138	DV40BST16098M	17,0	M16	29	34	98	10	73	1,20
4066139	DV40BST16118M	17,0	M16	29	39	118	10	93	1,42

NOTE: For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

DV40 Shank Tools

Tap Chucks RC Tension and Compression • Solid



ERICKSON

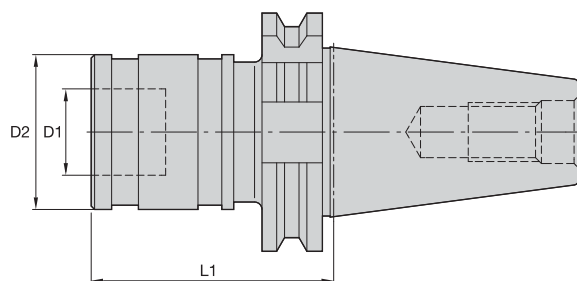
RC-DV Form A



order number	catalog number	adapter size	tap size		D1	D2	L1	tension	compression	kg
			mm	in						
1777397	DV40RC1060M	1	M1 - M14	#0 - 9/16	19	36	60	7,5	7,5	1,80
1777380	DV40RC2098M	2	M5 - M24	5/16 - 7/8	31	53	98	12,5	12,5	2,00
1777381	DV40RC3150M	3	M14 - M27	13/16 - 1 3/8	48	78	150	20,0	20,0	2,70

NOTE: Quick-change tap adapters are available and must be ordered separately; see page J76.
For retention knobs, see page L45.

DV40 Shank Tools



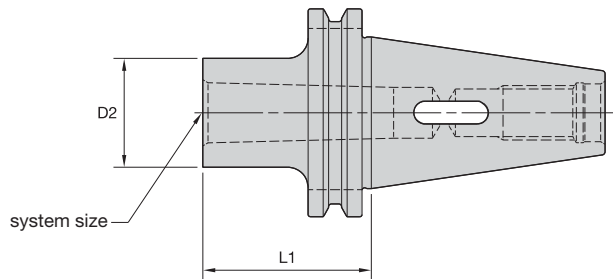
ERICKSON

STRC-DV Form A



order number	catalog number	adapter size	tap size		D1	D2	L1	kg
			mm	in				
1777541	DV40STRC1074M	1	M1 - M14	#0 - 9/16	19	36	74	1,20
1778012	DV40STRC2089M	2	M5 - M24	5/16 - 7/8	31	53	89	1,50

NOTE: Quick-change tap adapters are available and must be ordered separately; see page J76.
For retention knobs, see page L45.



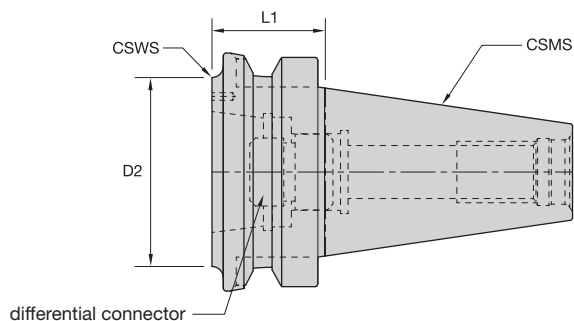
ERICKSON

■ MT-DV Form A

order number	catalog number	system size	D2	L1	kg
1191946	DV40MT1050M	1	25	50	1,03
1156384	DV40MT2050M	2	32	50	1,01
1191947	DV40MT3070M	3	40	70	1,03
1191948	DV40MT4095M	4	48	95	1,25

NOTE: For retention knobs; see page L45.

- Differential connector included.



■ DV to KR DIN 69871 AD/B • Metric



order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	kg	reference head
1539005	DV40BKR32041M	DV40	KR32	44	41	KRDCKR32M	1,00	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
1263816	DV40BKR50060M	DV40	KR50	65	60	KRDCKR50M	1,40	SVS4B,5B,SVU65,SVUBB2

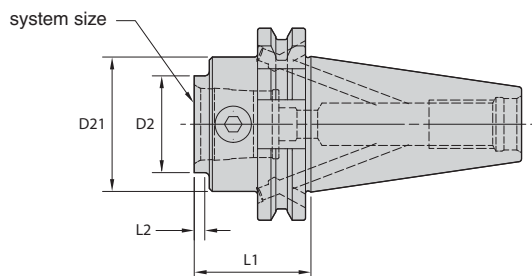
■ DV to KR DIN 69871 AD/B • Inch



order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	lbs	reference head
1539005	DV40BKR32041M	DV40	KR32	1.75	1.614	KRDCKR32M	2.20	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
1263816	DV40BKR50060M	DV40	KR50	2.56	2.362	KRDCKR50M	3.08	SVS4B,5B,SVU65,SVUBB2

NOTE: For Romicon boring systems, see the Kennametal Innovations Master Catalog Cutting Tools 2013.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



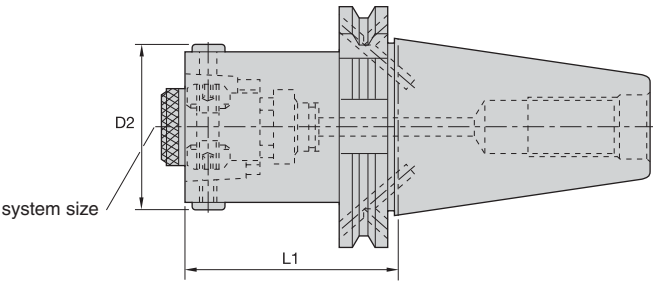
■ KM-DV Form B/AD



order number	catalog number	system size	D2	D21	L1	L2	KM spare parts package	wrench size actuation screw	Nm	kg
1974735	DV40BKM32040M	KM32	32	44,5	40	5	KM32PKG3L	5mm	8-11	0,97
1974736	DV40BKM32090M	KM32	32	44,5	90	55	KM32PKG3S	5mm	8-11	1,23
1974737	DV40BKM40040M	KM40	40	44,5	40	5	KM40PKG3L	6mm	12-16	0,95
1974738	DV40BKM40100M	KM40	40	44,5	100	65	KM40PKG3S	6mm	12-16	1,47
1974739	DV40BKM50060M	KM50	50	—	60	41	KM50PKG3S	10mm	27-34	1,22
1974740	DV40BKM50120M	KM50	50	—	120	101	KM50PKG3S	10mm	27-34	2,07

NOTE: Do not overtorque actuation screw; use torque recommendations above.
 Supplied with KM actuation mechanism.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



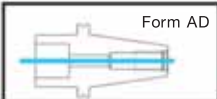
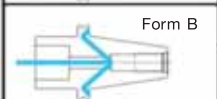
ERICKSON

■ HSK-DV Form B/AD

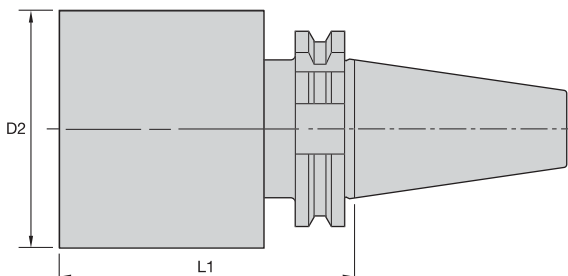
order number	catalog number	system size	D2	L1	wrench size actuation screw	Nm	kg
1519665	DV40BHSK40060M	HSK40	45	60	3mm	8	1,00
1519668	DV40BHSK50065M	HSK50	55	65	4mm	15	1,00
1320683	DV40BHSK63075M	HSK63	70	75	5mm	20	1,20

NOTE: Do not overtorque actuation screw; use torque recommendations above.
 Supplied with actuation mechanism and sealing ring.
 For retention knobs, see page L45.

DV40 Shank Tools

 Form AD					
 Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Machinable front 20–30 HRC.

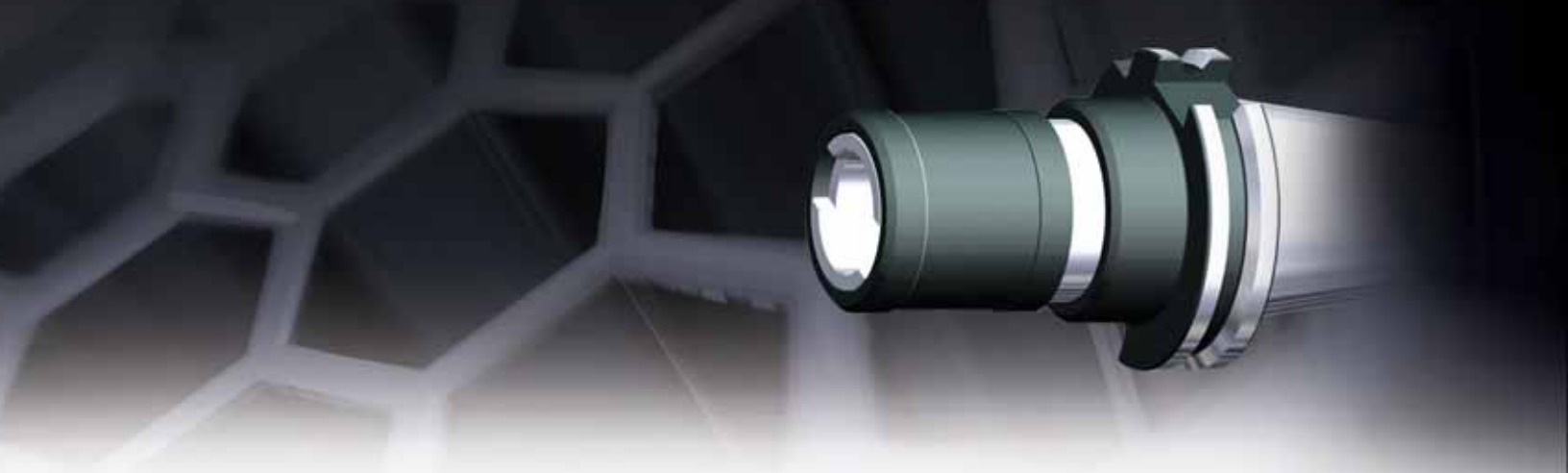


ERICKSON

■ BB-DV Form A

order number	catalog number	D2	L1	kg
1263773	DV40BB063280M	63	280	7,00
1263774	DV40BB082280M	82	280	11,15
1263775	DV40BB104200M	104	200	11,99

NOTE: For retention knobs, see page L45.



ERICKSON™ DV V-Flange Shank Tooling System • DV50 Series

Primary Application

ERICKSON V-Flange DV Taper Tooling is manufactured from premium materials and meets or exceeds the latest DIN 69871 specification and ISO-1947 taper accuracy of AT3 specification standards. The DV50 tools are either pre-balanced to a high specification or balanced-by-design. For high speed applications Kennametal recommends that the complete toolholder assembly (toolholder, retention knobs, collets, hardware, and cutting tools) be balanced as one entity. Exact RPM limits can only be determined by considering machine and spindle configurations in conjunction with tooling design and safety limits factored as a complete system.



DV DIN 69871 Form B/AD Shank

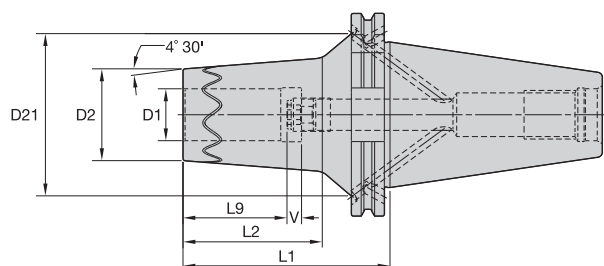
NOTE: Inherent out-of-balance conditions due to notch and unequal depth of drive slots.



Features and Benefits

- DIN 69871 7/24 taper.
- Standard M24 metric drawbar thread.
- Taper accuracy of AT3 specification or better.
- All tools set to form AD coolant specification. Many can be converted to form B style.
- Maximum 100 bar (1,500 psi) coolant pressure.

- **SAFE-LOCK™**, innovative and unique non-slip system.
- Suitable for carbide and HSS cutting tools.
- Need ≥ 10 kW shrink unit.



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013

ERICKSON™

■ TT SF HPV MM-DV FORM B/AD

order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
5090271	DV50BSFTT12080M	12	27	55	80	61	37	10	2,97
5090272	DV50BSFTT14080M	14	33	43	80	61	37	10	3,10
5090273	DV50BSFTT16080M	16	33	43	80	61	40	10	3,06
5090274	DV50BSFTT18080M	18	45	54	80	61	40	10	3,41
5090275	DV50BSFTT20080M	20	45	54	80	61	42	10	3,37
5090276	DV50BSFTT25100M	25	44	78	100	81	48	10	3,72

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.
Shrink Fit technical section, see page M78.
Shrink Fit accessories, see pages L12–L13.
HSK coolant unit and wrench are available and must be ordered separately; see page L44.

form AD		form B			
			40	(2x) SFV40	1,5mm
			50	(2x) SFV50	1,5mm

Looking for a product that's not shown in this catalog?
Check the Kennametal website!



Tooling Systems

Online product catalog available 24/7

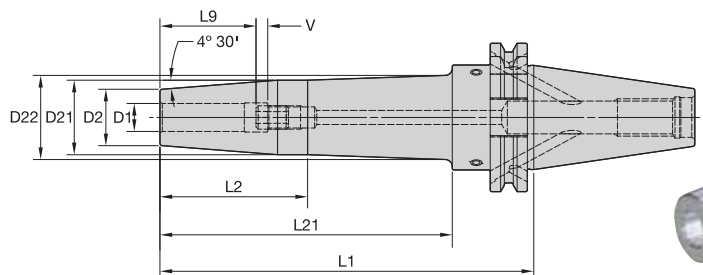
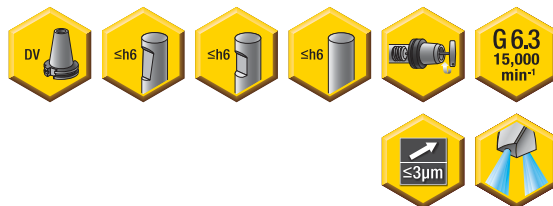
Visit <http://www.kennametal.com/toolingsystems/> to browse our electronic catalog any time you're looking for Kennametal's best tooling solutions. It's fast, free, and always available. The online e-catalog is updated weekly with products and solutions for milling, turning, holmaking, and tooling systems applications.

DV50 Shank Tools

Shrink Fit Toolholders General Purpose (GP)



- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide and HSS cutting tools (requirements below).



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
6	h6	0,000/-0,008
8 & 10	h6	0,000/-0,009
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016



ERICKSON

■ TT GP HPV MM-DV Form B/AD

order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3790206	DV50BHPVTT06080M	6	21	27	—	80	61	—	26	10	TTSS05014M	2,5mm	2,72
3790207	DV50BHPVTT06120M	6	21	27	—	120	85	—	26	10	TTSS05014M	2,5mm	3,30
3790208	DV50BHPVTT06160M	6	21	27	32	160	50	125	26	10	TTSS05014M	2,5mm	3,54
3790209	DV50BHPVTT08080M	8	21	27	—	80	61	—	26	10	TTSS06014M	3mm	2,71
3790210	DV50BHPVTT08120M	8	21	27	—	120	85	—	26	10	TTSS06014M	3mm	3,29
3790211	DV50BHPVTT08160M	8	21	27	32	160	50	125	26	10	TTSS06014M	3mm	3,53
3790212	DV50BHPVTT10080M	10	24	32	—	80	61	—	31	10	TTSS08014M	4mm	2,78
3790213	DV50BHPVTT10120M	10	24	32	—	120	85	—	31	10	TTSS08014M	4mm	3,40
3790214	DV50BHPVTT10160M	10	24	32	36	160	63	125	31	10	TTSS08014M	4mm	3,70
3617660	DV50BHPVTT12080M	12	24	32	—	80	61	—	36	10	TTSS10014M	5mm	2,76
3617661	DV50BHPVTT12120M	12	24	32	—	120	85	—	36	10	TTSS10014M	5mm	3,38
3617662	DV50BHPVTT12160M	12	24	32	36	160	63	125	36	10	TTSS10014M	5mm	3,68
3617663	DV50BHPVTT14080M	14	27	34	—	80	61	—	36	10	TTSS10014M	5mm	2,81
3617664	DV50BHPVTT14120M	14	27	34	—	120	85	—	36	10	TTSS10014M	5mm	3,45

(continued)

(TT GP HPV MM-DV Form B/AD continued)



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3617665	DV50BHPVTT14160M	14	27	34	39	160	57	125	36	10	TTSS10014M	5mm	3,79
3617666	DV50BHPVTT16080M	16	27	34	—	80	61	—	39	10	TTSS12014M	6mm	2,80
3617667	DV50BHPVTT16120M	16	27	34	—	120	85	—	39	10	TTSS12014M	6mm	3,42
3617668	DV50BHPVTT16160M	16	27	34	39	160	57	125	39	10	TTSS12014M	6mm	3,76
3617669	DV50BHPVTT18080M	18	33	41	—	80	61	—	39	10	TTSS12014M	6mm	2,93
3617670	DV50BHPVTT18120M	18	33	42	—	120	85	—	39	10	TTSS12014M	6mm	3,65
3617671	DV50BHPVTT18160M	18	33	42	46	160	69	125	39	10	TTSS12014M	6mm	4,13
3617672	DV50BHPVTT20080M	20	33	41	—	80	61	—	41	10	TTSS16014M	8mm	2,90
3617673	DV50BHPVTT20120M	20	33	42	—	120	85	—	41	10	TTSS16014M	8mm	3,61
3617674	DV50BHPVTT20160M	20	33	42	46	160	69	125	41	10	TTSS16014M	8mm	4,08
3617675	DV50BHPVTT25100M	25	44	53	—	100	81	—	47	10	TTSS16014M	8mm	3,48
3617676	DV50BHPVTT25160M	25	44	53	—	160	120	—	47	10	TTSS16014M	8mm	4,74
3617677	DV50BHPVTT32100M	32	44	53	—	100	81	—	51	10	TTSS16014M	8mm	3,32
3617678	DV50BHPVTT32160M	32	44	53	—	160	120	—	51	10	TTSS16014M	8mm	4,58

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

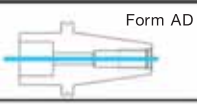
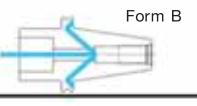
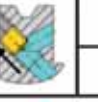
Shrink fit technical section, see page M78.

Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5 lg fine-balancing screw set (10 pieces) is available. Order number is MS127PKG and must be ordered separately.

For retention knobs, see page L45.

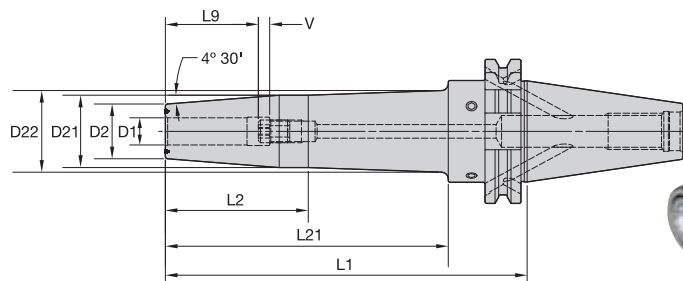
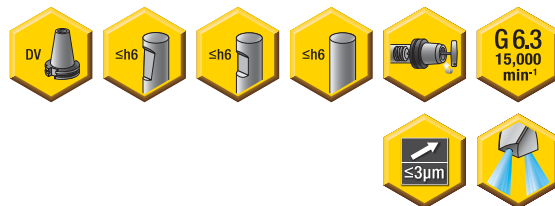
Form AD						
Form B				40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm

DV50 Shank Tools

Shrink Fit Toolholders High Torque (HT)



- 30–50% higher clamping torque compared to GP line.
- Balanceable — fine tune with optional M6 set screws.
- Suitable for carbide only, designated by groove in front face (requirements below).
- 10 kW power or greater Shrink Fit device must be used.



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
12, 14, 16, & 18	h6	0,000/-0,011
20 & 25	h6	0,000/-0,013
32	h6	0,000/-0,016

ERICKSON

■ TT HT HPV MM-DV Form B/AD



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3617623	DV50BHPVTTHT12080M	12	24	32	—	80	61	—	36	10	TTSS10014M	5mm	2,76
3617624	DV50BHPVTTHT12120M	12	24	32	—	120	85	—	36	10	TTSS10014M	5mm	3,38
3617625	DV50BHPVTTHT12160M	12	24	32	36	160	63	125	36	10	TTSS10014M	5mm	3,68
3617626	DV50BHPVTTHT14080M	14	27	34	—	80	61	—	36	10	TTSS10014M	5mm	2,81
3617627	DV50BHPVTTHT14120M	14	27	34	—	120	85	—	36	10	TTSS10014M	5mm	3,45
3617628	DV50BHPVTTHT14160M	14	27	34	39	160	57	125	36	10	TTSS10014M	5mm	3,79
3617629	DV50BHPVTTHT16080M	16	27	34	—	80	61	—	39	10	TTSS12014M	6mm	2,80
3617630	DV50BHPVTTHT16120M	16	27	34	—	120	85	—	39	10	TTSS12014M	6mm	3,42
3617631	DV50BHPVTTHT16160M	16	27	34	39	160	57	125	39	10	TTSS12014M	6mm	3,76
3617632	DV50BHPVTTHT18080M	18	33	41	—	80	61	—	39	10	TTSS12014M	6mm	2,93
3617633	DV50BHPVTTHT18120M	18	33	42	—	120	85	—	39	10	TTSS12014M	6mm	3,65
3617634	DV50BHPVTTHT18160M	18	33	42	46	160	69	125	39	10	TTSS12014M	6mm	4,13

(continued)

(TT HT HPV MM-DV Form B/AD continued)



order number	catalog number	D1	D2	D21	D22	L1	L2	L21	L9	V	stop screw	wrench size stop screw	kg
3617635	DV50BHPVTTH20080M	20	33	41	—	80	61	—	41	10	TTSS16014M	8mm	2,90
3617636	DV50BHPVTTH20120M	20	33	42	—	120	85	—	41	10	TTSS16014M	8mm	3,61
3617637	DV50BHPVTTH20160M	20	33	42	46	160	69	125	41	10	TTSS16014M	8mm	4,08
3617638	DV50BHPVTTH25100M	25	44	53	—	100	81	—	47	10	TTSS16014M	8mm	3,48
3617639	DV50BHPVTTH25160M	25	44	53	—	160	125	—	47	10	TTSS16014M	8mm	4,74
3617640	DV50BHPVTTH32100M	32	44	53	—	100	81	—	51	10	TTSS16014M	8mm	3,32
3617641	DV50BHPVTTH32160M	32	44	53	—	160	125	—	51	10	TTSS16014M	8mm	4,58

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

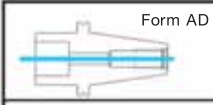
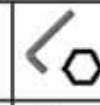
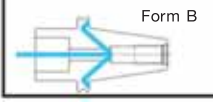
Shrink Fit technical section, see page M78.

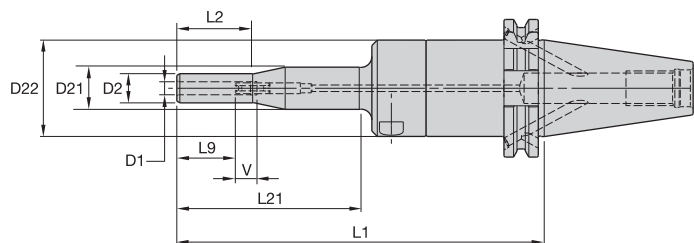
Supplied with stop screw.

Adjusting stop screw gage, see page M81.

Optional M6~1.0P x 5 lg fine-balancing screw set (10 pieces) is available. Order number is M51276PKG and must be ordered separately.

For retention knobs, see page L45.

Form AD						
Form B				40	(2x) MS2221S	2,5mm
				50	(2x) MS1296S	3mm

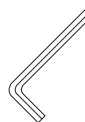


ERICKSON

■ HC Slim T MM-DV Form B/AD

order number	catalog number	D1	D2	D21	D22	L1	L2	L9	L21	V	kg
3019239	DV50BHCSLT06200M	6	13,5	19,5	44	200	35	27	85	10	3,81
3019240	DV50BHCSLT08200M	8	15,5	19,5	44	200	35	27	85	10	3,82
3019241	DV50BHCSLT10200M	10	17,5	44,5	—	200	85	31	181	10	3,81

■ Spare Parts

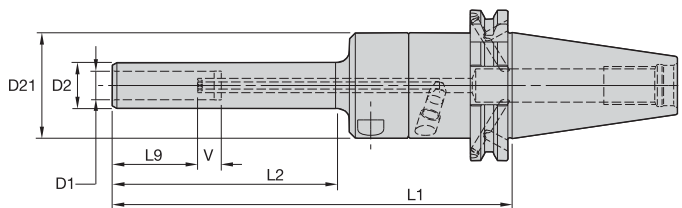


catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
DV50BHCSLT06200M	170.135	5mm	170.002	2,5mm
DV50BHCSLT08200M	170.135	5mm	170.002	2,5mm
DV50BHCSLT10200M	170.135	5mm	170.003	3mm

(continued)

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

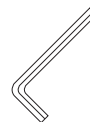
(HC Slim continued)



■ HC Slim MM-DV Form B/AD

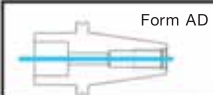
order number	catalog number	D1	D2	D21	L1	L2	L9	V	kg
2634420	DV50BHCSL12200M	12	19,5	44,5	200	95	36	10	3,57
2634421	DV50BHCSL14200M	14	21,5	52,5	200	95	36	10	3,99
2634422	DV50BHCSL16200M	16	23,5	52,5	200	95	39	10	4,01
2634533	DV50BHCSL18200M	18	25,5	52,5	200	95	39	10	4,05
2634534	DV50BHCSL20200M	20	27,5	52,5	200	95	41	10	4,09

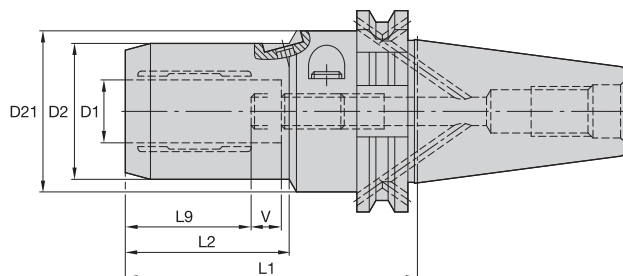
■ Spare Parts



catalog number	actuation wrench	wrench size actuation screw	length-adjustment wrench	wrench size stop screw
DV50BHCSL12200M	170.135	5mm	170.002	2,5mm
DV50BHCSL14200M	170.135	5mm	170.002	2,5mm
DV50BHCSL16200M	170.135	5mm	170.002	2,5mm
DV50BHCSL18200M	170.135	5mm	170.002	2,5mm
DV50BHCSL20200M	170.135	5mm	170.002	2,5mm

NOTE: Do not overtorque actuation screw. Use supplied wrench and tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw and actuation wrench.
 Unable to use SEFAS™ chamfering rings on this design.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

Form AD					
					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

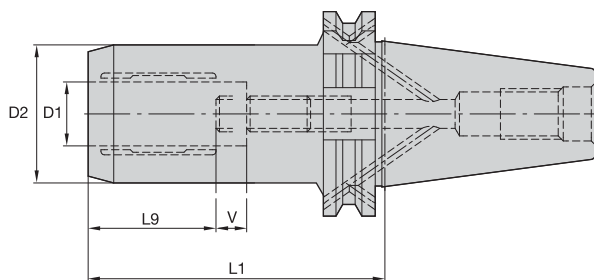
■ HC MM-DV Form B/AD

DV50 Shank Tools

order number	catalog number	D1	D2	D21	L1	L2	L9	V	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw	kg
1245450	DV50BHC06072M	6	25,7	50	72	33	30	10	170.135	5mm	170.002	2,5mm	2,87
1245451	DV50BHC08072M	8	27,7	50	72	34	30	10	170.135	5mm	170.002	2,5mm	2,90
1191014	DV50BHC10077M	10	29,7	50	77	39	35	10	170.135	5mm	170.002	2,5mm	2,92
1191015	DV50BHC12077M	12	31,6	50	77	40	35	10	170.135	5mm	170.002	2,5mm	2,93
1245452	DV50BHC14082M	14	33,6	50	82	46	40	10	170.135	5mm	170.003	3mm	2,96
1245453	DV50BHC16082M	16	37,6	50	82	47	40	10	170.135	5mm	170.003	3mm	3,02
1245454	DV50BHC18082M	18	39,6	50	82	47	40	10	170.135	5mm	170.003	3mm	3,04
1191016	DV50BHC20082M	20	41,6	50	82	48	40	10	170.135	5mm	170.003	3mm	3,06
1245455	DV50BHC25117M	25	49,8	63	117	51	51	10	170.136	6mm	170.004	4mm	4,03
1197514	DV50BHC32117M	32	59,8	63	117	59	51	10	170.136	6mm	170.004	4mm	4,21

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
Hydraulic chuck technical section, see page M84.
Supplied with stop screw.
Actuation wrench must be ordered separately.
Reduction sleeves are available and must be ordered separately; see page J2.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

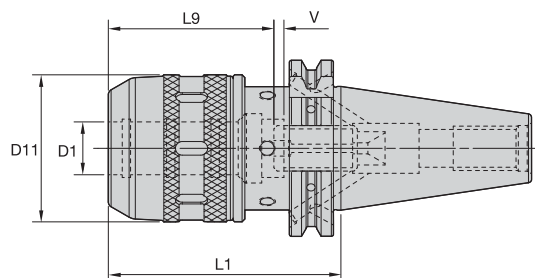
■ HC Basic MM-DV Form B/AD

order number	catalog number	D1	D2	L1	L9	V	actuation wrench	wrench size actuation screw	stop screw wrench	wrench size stop screw	kg
1599686	DV50BHCB20082M	20	49,9	82	41	10	170.135	5mm	170.005	5mm	3,30

NOTE: Do not overtorque actuation screw. Tighten by hand until stop is felt.
 Hydraulic chuck technical section, see page M84.
 Supplied with stop screw.
 Actuation wrench must be ordered separately.
 Reduction sleeves are available and must be ordered separately; see page J2.
 For retention knobs, see page L45.

DV50 Shank Tools

Form AD					
					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

■ HPMC MM-DV Form B/AD

order number	catalog number	D1	D11	L1	L9	V	locknut wrench	stop screw	wrench size stop screw	kg
3523090	DV50BHPMC20090M	20	53	90	49	20	PSW52M	MCSS16040M	2.5 mm & 5 mm	3,67
3523091	DV50BHPMC20165M	20	53	165	49	20	PSW52M	MCSS16040M	2.5 mm & 5 mm	4,76
3523092	DV50BHPMC25090M	25	61	90	55	20	PSW58M	MCSS16040M	2.5 mm & 5 mm	3,86
3523093	DV50BHPMC25165M	25	61	165	55	20	PSW58M	MCSS16040M	2.5 mm & 5 mm	5,37
3523094	DV50BHPMC32090M	32	70	90	58	20	PSW68M	MCSS16040M	2.5 mm & 5 mm	4,08
3523095	DV50BHPMC32165M	32	74	165	75	20	PSW68M	MCSS16040M	2.5 mm & 5 mm	6,12

NOTE: Milling chuck technical section, see page M88.

Supplied with locknut and stop screw.

Locknut wrench not included.

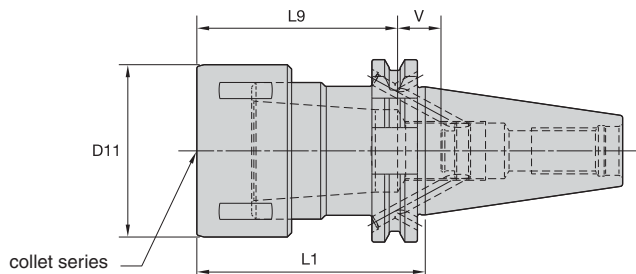
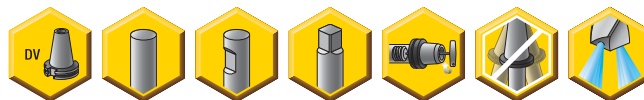
Optional M6~1,0P fine-balancing screw set is available (order number HPMCBALSCREWSET) and must be ordered separately; see page L14.

Reduction sleeves are available and must be ordered separately; see page J6.

For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Tremendous Grip (3:1 advantage).



ERICKSON

■ TG Round-DV Form B/AD

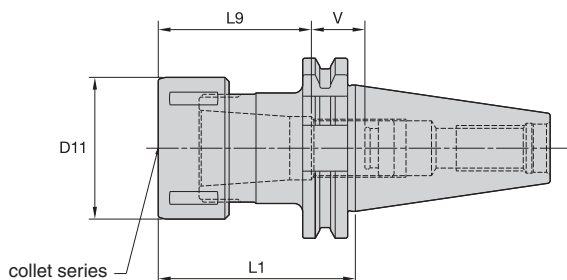
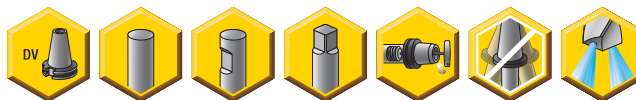


order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	stop screw	Collet Capacity		kg
										mm	inch	
1125523	DV50BTG100085M	TG100	60	85	70	18	LNA100M	HSW58M	SS112041G	min 2,6	max 25,5	3,00
1264147	DV50BTG100150M	TG100	60	150	70	80	LNA100M	HSW58M	SS112041G	min 5/64	max 1	4,50

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.
 TG standard straight-bore collets, see page J10.
 TG tap collets, see page J10.
 For retention knobs, see page L45.

Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm

- Tremendous Grip (3:1 advantage).



TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG100	2,6	25,5	5/64	1
TG150	11,6	40,0	23/64	1 1/2

ERICKSON

■ TG Round-DV Form AD



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	stop screw	wrench size stop screw	kg
1156402	DV50TG100085M	TG100	60	85	70	38	LNA100M	HSW58M	SS112041G	4mm & 5/32	3,36
1156403	DV50TG100150M	TG100	60	150	70	80	LNA100M	HSW58M	SS112041G	4mm & 5/32	4,54
1264353	DV50TG100200M	TG100	60	200	70	80	LNA100M	HSW58M	SS112041G	4mm & 5/32	5,51
1252592	DV50TG150090M	TG150	85	90	83	27	LNA150M	HSW80M	SS162062G	4mm & 5/32	3,73
1228270	DV50TG150150M	TG150	85	150	83	67	LNA150M	HSW80M	SS162062G	4mm & 5/32	4,94

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.

Collet chuck technical section, see page M98.

Supplied with locknut and stop screw.

Locknut wrench must be ordered separately.

Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.

Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.

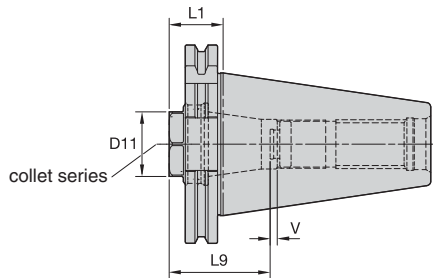
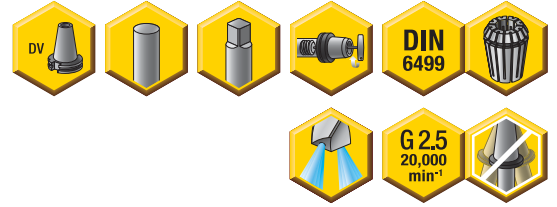
Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.

TG standard straight-bore collets, see page J10.

TG tap collets, see page J10.

For retention knobs, see page L45.

- Grip (2:1 advantage).



ERICKSON

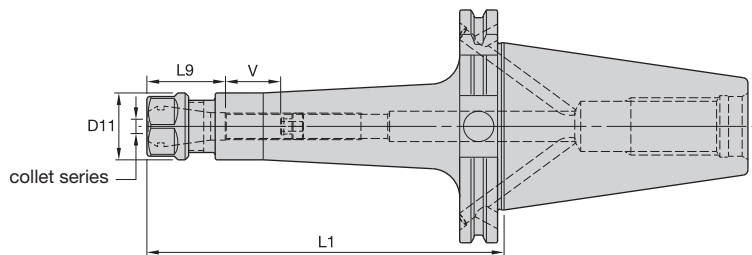
■ ER Short-DV Form AD

ER collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
ER32	2,0	20,0	.08	.81
ER40	3,0	26,0	.12	1.00

order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size stop screw	kg
3479820	DV50SER32027M	ER32	36	27	50	17	LNECSER32M	OEW32M	136	SS094041G	4mm & 5/32	2,41
3479821	DV50SER40027M	ER40	46	27	57	11	LNECSER40M	OEW168	176	SS112041G	4mm & 5/32	2,24

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 ER standard straight-bore collets, see page J50.
 ER tap collets, see pages J58–J59.
 ER TCT tension-only tap collets, see page J60.
 For retention knobs, see page L45.

- Grip (2:1 advantage).



ER collet series	Collet Capacity		mm		inch	
	min	max	min	max	min	max
ER16	0,5	10,0	.02	.41		
ER25	1,0	16,0	.04	.63		
ER32	2,0	20,0	.08	.81		
ER40	3,0	26,0	.12	1.00		

ERICKSON™

■ ER Hex-DV Form B/AD

order number	catalog number	collet series	D11	L1	L9	V	kg
1748235	DV50BER16100M	ER16	28	100	32	48	2,81
1972537	DV50BER16150M	ER16	28	150	32	48	3,13

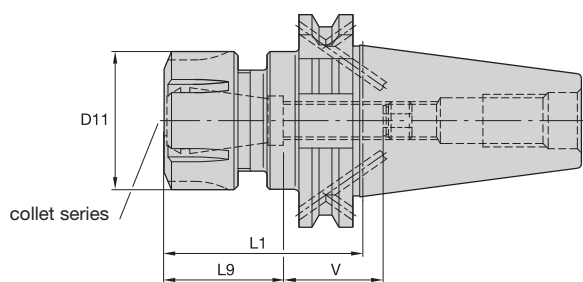
■ Spare Parts

catalog number	locknut	wrench	counterbore collet torque (Nm)	straight collet torque (Nm)	stop screw	wrench size stop screw
DV50BER16100M	LNHSER16M	OEW25M	40	56	SS044038G	4mm & 5/32
DV50BER16150M	LNHSER16M	OEW25M	40	56	SS044038G	4mm & 5/32

(continued)

Form AD					
Form B					
		40	(2x) MS2221S	2,5mm	
		50	(2x) MS1296S	3mm	

(ER DV Form B/AD continued)



ER Round-DV Form B/AD

order number	catalog number	collet series	D11	L1	L9	V	kg
1264126	DV50BER25070M	ER25	42	70	40	50	2,87
1264127	DV50BER25150M	ER25	42	150	40	60	3,53
1264128	DV50BER32070M	ER32	50	70	46	54	2,91
1264129	DV50BER32150M	ER32	50	150	46	54	3,89
1264130	DV50BER40080M	ER40	63	80	52	48	3,25
1264132	DV50BER40150M	ER40	63	150	52	48	4,66

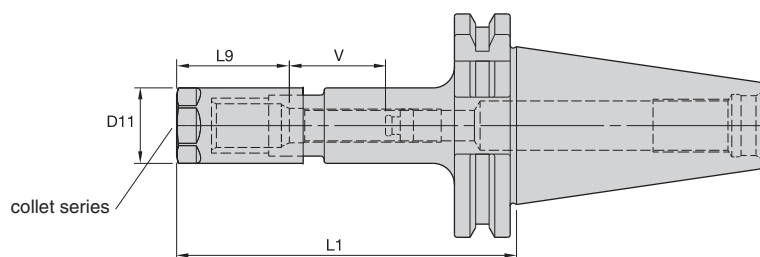
Spare Parts



catalog number	locknut	wrench	counterbore collet torque (Nm)	stop screw	wrench size stop screw
DV50BER25070M	LNSER25M	ER25WM	104	SS075041G	4mm & 5/32
DV50BER25150M	LNSER25M	ER25WM	104	SS075041G	4mm & 5/32
DV50BER32070M	LNSER32M	ER32WM	136	SS094041G	4mm & 5/32
DV50BER32150M	LNSER32M	ER32WM	136	SS094041G	4mm & 5/32
DV50BER40080M	LNSER40M	ER40WM	176	SS112041G	4mm & 5/32
DV50BER40150M	LNSER40M	ER40WM	176	SS112041G	4mm & 5/32

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
ER standard straight-bore collets, see page J50.
ER tap collets, see pages J58–J59.
ER TCT tension-only tap collets, see page J60.
For retention knobs, see page L45.

Form AD					
					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



DA 08 collet series	Collet Capacity		Collet Capacity	
	mm	inch	mm	inch
DA200	min 0,2	max 10	min 1/64	max 25/64

ERICKSON

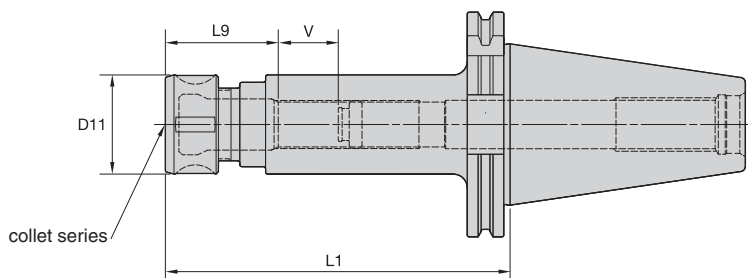
DA 04 Hex-DV Form AD



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	Nm	stop screw	wrench size stop screw	kg
1264197	DV50DA204100M	DA200	21,46	100	38	32	LNA204M	OEW19M	54	SS038031G	2mm & 5/64	3,00
1264198	DV50DA204150M	DA200	21,46	150	38	32	LNA204M	OEW19M	54	SS038031G	2mm & 5/64	3,20

NOTE: Tighten locknut to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
DA standard straight-bore collets, see page J62.
DA non-pullout collets, see pages J65–L68.
For retention knobs, see page L45.

- Grip 1:1.



DA collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
DA180	2,2	20	1/64	3/4

ERICKSON

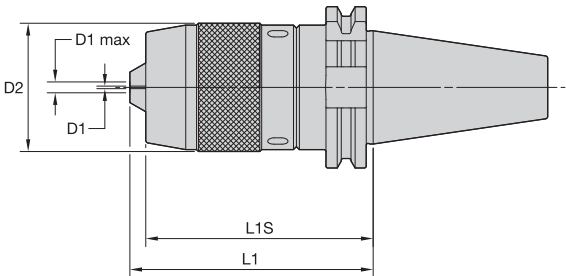
■ DA 08 Round-DV Form AD

order number	catalog number	collet series	D11	L1	L9	V
1179333	DV50DA188070M	DA180	43	70	50	49
1156389	DV50DA188150M	DA180	43	150	50	50
1136821	DV50DA188200M	DA180	43	200	50	50

■ Spare Parts

catalog number	locknut	locknut wrench	Nm	stop screw	wrench size stop screw
DV50DA188070M	LNA188M	HSW45M	136	SS081041G	4mm & 5/32
DV50DA188150M	LNA188M	HSW45M	136	SS081041G	4mm & 5/32
DV50DA188200M	LNA188M	HSW45M	136	SS081041G	4mm & 5/32

NOTE: For retention, tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.
 For retention knobs, see page L45.



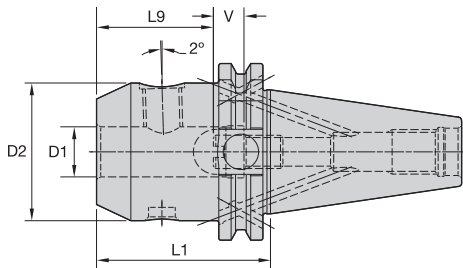
ERICKSON™

■ DC-DV Form A



order number	catalog number	D1		D1 max		D2	L1	L1S	locknut wrench	Nm	kg
		mm	in	mm	in						
3583506	DV50DC13090M	1,0	.039	13,0	.512	50,5	102,3	90	PSW45M	55	3,50

NOTE: Tighten to the recommended tightening torque.
Locking wrench not supplied.
For retention knobs, see page L45.



ERICKSON

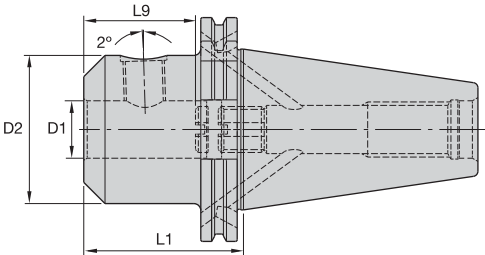
■ WN MM-DV Form B/AD



order number	catalog number	D1	D2	L1	L9	V	lock screw	wrench size lock screw	Nm	stop screw	wrench size stop screw	kg
1136755	DV50BWN06063M	6	25	63	30	10	SS03M012	3 mm	7	571.060	2,5mm	2,67
1136774	DV50BWN08063M	8	28	63	30	10	SS03M014	4 mm	15	571.067	3mm	2,71
1136783	DV50BWN10063M	10	35	63	35	10	SS03M018	5 mm	25	571.068	4mm	2,83
1191334	DV50BWN12063M	12	42	63	40	10	SS03M023	6 mm	35	571.074	5mm	2,95
1136800	DV50BWN14063M	14	44	63	40	10	SS03M023	6 mm	35	571.074	5mm	2,98
1136806	DV50BWN16063M	16	48	63	43	10	SS03M025	6 mm	50	571.075	6mm	3,05
1136814	DV50BWN18063M	18	50	63	43	10	SS03M025	6 mm	50	571.075	6mm	3,11
1136823	DV50BWN20063M	20	52	63	45	10	SS03M026	8 mm	95	571.076	6mm	3,12
1136842	DV50BWN25080M	25	65	80	50	10	SS03M027	10 mm	135	571.076	6mm	3,82
1136851	DV50BWN32100M	32	72	100	54	10	SS03M029	10 mm	160	571.076	6mm	4,59

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw and stop screw.
 Lock screw or stop screw wrenches not included.
 For retention knobs, see page L45.

Form AD	✓	✗	40	(2x) MS2221S	2,5mm
Form B	✗	✓	50	(2x) MS1296S	3mm



ERICKSON

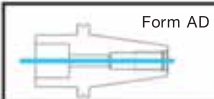
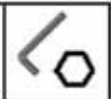
■ SWN IN-DV Form B/AD

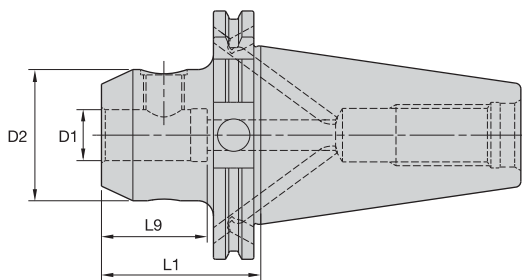


order number	catalog number	D1	D2	L1	L9	lock screw	Nm	wrench size lock screw	kg
1134539	DV50BSWN25070M	25	65	70	44	SS03M027	135	10mm	3,59
1134540	DV50BSWN32070M	32	70	70	46	SS03M029	160	10mm	3,69

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrenches not included.
For retention knobs, see page L45.

DV50 Shank Tools

 Form AD					
 Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



ERICKSON

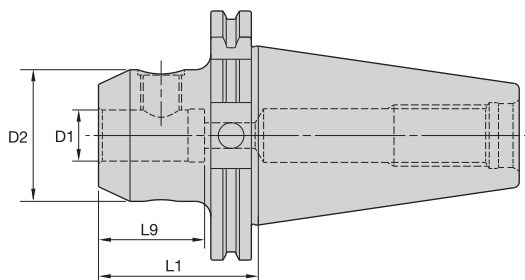
■ EM MM-DV Form B/AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	Nm	kg
1264102	DV50BEM16063M	16	48	63	53	SS03M025	6mm	50	3,00
1264107	DV50BEM20063M	20	52	63	55	SS03M026	8mm	95	3,06
1156387	DV50BEM25080M	25	65	80	60	SS03M027	10mm	135	3,72
1156388	DV50BEM32100M	32	72	100	65	SS03M029	10mm	160	4,48
1264122	DV50BEM40110M	40	90	110	75	SS03M032	10mm	160	5,76
1264125	DV50BEM50120M	50	100	120	85	SS03M030	12mm	250	6,63

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw.
 Lock screw wrench not included.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



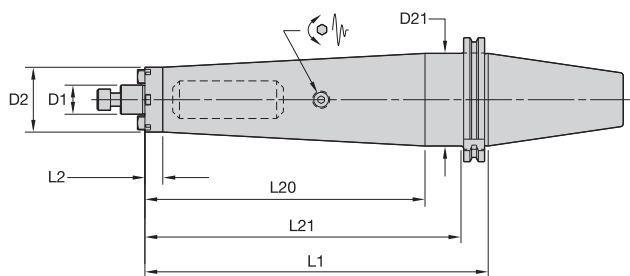
ERICKSON

■ EM MM-DV Form AD



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	Nm	kg
1264207	DV50EM06063M	6	25	63	40	SS03M012	3mm	7	2,67
1264208	DV50EM06150M	6	25	150	40	SS03M012	3mm	7	2,96
1264210	DV50EM08063M	8	28	63	40	SS03M014	4mm	15	2,71
1264212	DV50EM08150M	8	28	150	40	SS03M014	4mm	15	3,05
1264214	DV50EM10063M	10	35	63	45	SS03M018	5mm	25	2,84
1264216	DV50EM10150M	10	35	150	45	SS03M018	5mm	25	3,39
1191975	DV50EM12063M	12	42	63	50	SS03M023	6mm	35	3,02
1264219	DV50EM12150M	12	42	150	50	SS03M023	6mm	35	3,77
1189666	DV50EM16150M	16	48	150	53	SS03M025	6mm	50	4,13
1152193	DV50EM20150M	20	52	150	55	SS03M026	8mm	95	4,44

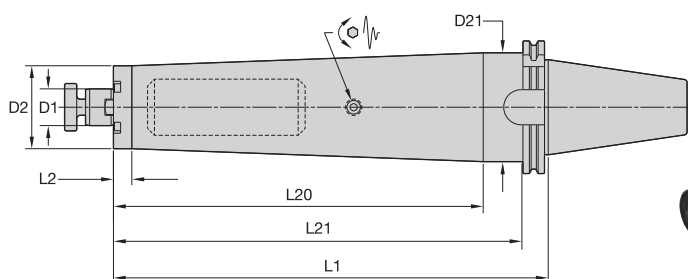
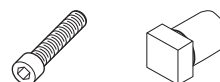
NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.
For retention knobs, see page L45.



ERICKSON

■ SMC TD Cap MM-DV Form B/AD

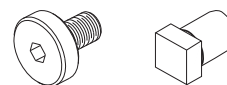
order number	catalog number	D1	D2	D21	L1	L2	L20	L21	lock screw	drive key	wrench size lock screw	kg
4135484	DV50BTDSMC22260M	22	49	70	260	13,5	211,8	241	MS1234	KDK22M	8mm	7,83



DV50 Shank Tools

■ SMC TD Lock MM-DV Form B/AD

order number	catalog number	D1	D2	D21	L1	L2	L20	L21	lock screw	drive key	wrench size lock screw	kg
4135485	DV50BTDSMC27320M	27	61	80	320	13,5	271,8	301	KLSS27M	—	10mm	11,63
4135486	DV50BTDSMC32330M	32	78	—	330	311,0	—	—	KLSS32M	KDK32M	14mm	15,91

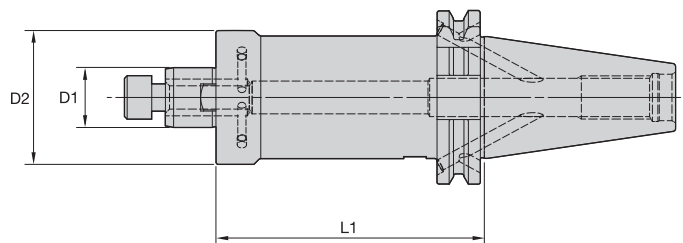


NOTE: Do not overtighten lock screw.
Supplied with lock screw and drive keys.
Lock screw wrench not included.
For retention knobs, see page L45.

Form AD	✓				
Form B	✗				
		40	(2x) MS2221S	2,5mm	
		50	(2x) MS1296S	3mm	

DV50 Shank Tools

Shell Mill Adapters with Through Coolant



ERICKSON

■ SMC Cap MM-DV Form B/AD

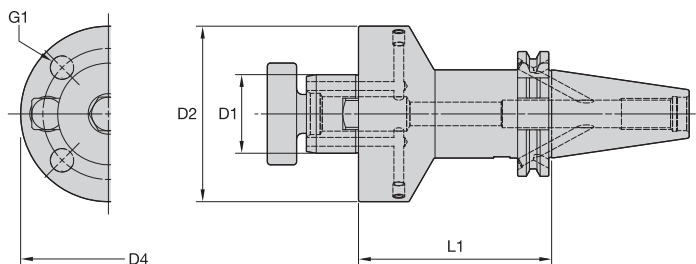


order number	catalog number	D1	D2	L1	lock screw	drive key	wrench size lock screw	kg
3767840	DV50BSM2C16035M	16	38	35	MS1294	KDK16M	6mm	2,73
3767842	DV50BSM2C16100M	16	38	100	MS1294	KDK16M	6mm	3,17
3767839	DV50BSMC16035M	16	44	35	MS1294	KDK16M	6mm	2,76
3767841	DV50BSMC16100M	16	44	100	MS1294	KDK16M	6mm	3,39
3767844	DV50BSM2C22035M	22	42	35	MS1234	—	8mm	2,76
3767846	DV50BSM2C22100M	22	42	100	MS1234	—	8mm	3,31
3767848	DV50BSM2C22150M	22	42	150	MS1234	—	8mm	3,75
3767843	DV50BSMC22035M	22	49	35	MS1234	KDK22M	8mm	2,82
3767845	DV50BSMC22100M	22	49	100	MS1234	KDK22M	8mm	3,63
3767847	DV50BSMC22150M	22	49	150	MS1234	KDK22M	8mm	4,26

(continued)

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

(SMC continued)



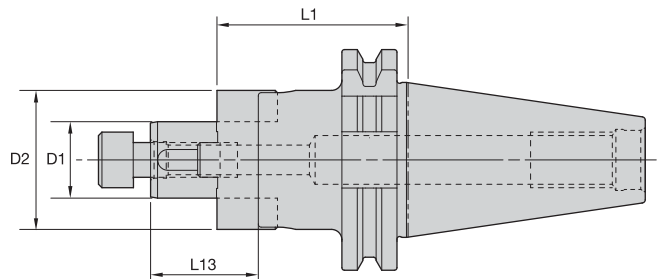
■ SMC Lock MM-DV Form B/AD



order number	catalog number	D1	D2	L1	G1	D4	lock screw	drive key	wrench size lock screw	kg
3767849	DV50BSMC27035M	27	60,0	35	—	—	KLSS27M	KDK27M	10mm	2,98
3767850	DV50BSMC27100M	27	60,0	100	—	—	KLSS27M	KDK27M	10mm	4,26
3767851	DV50BSMC27150M	27	60,0	150	—	—	KLSS27M	KDK27M	10mm	5,24
3767852	DV50BSMC32035M	32	78,0	35	—	—	KLSS32M	KDK32M	14mm	3,31
3767853	DV50BSMC32100M	32	78,0	100	—	—	KLSS32M	KDK32M	14mm	5,17
3767854	DV50BSMC32150M	32	78,0	150	—	—	KLSS32M	KDK32M	14mm	6,58
3767855	DV50BSMC40050M	40	89,3	50	M12 X 1.75	66,7	KLSS40M	KDK40M	17mm	4,18
3767856	DV50BSMC40100M	40	89,3	100	M12 X 1.75	66,7	KLSS40M	KDK40M	17mm	5,76
3767857	DV50BSMC40150M	40	89,3	150	M12 X 1.75	66,7	KLSS40M	KDK40M	17mm	7,12
3767858	DV50BSMC60070M	60	129,0	70	M16 X 2.0	101,6	—	KDK60M	—	6,24

NOTE: Do not overtighten lock screw; use torque recommendations above.
 Supplied with lock screw and drive keys.
 Lock screw wrench not included.
 For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

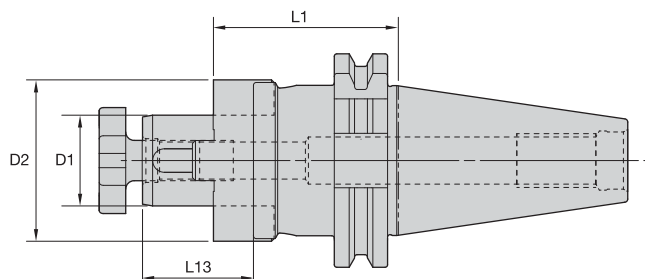


ERICKSON

■ CS-DV Form AD • Cap Screw Design



order number	catalog number	D1	D2	L1	L13	lock screw	wrench size retention screw	combi driver ring	combi drive key	kg
1264174	DV50CS16055M	16	32	55	27	MS1294	6mm	CDR16M	CDK16M	2,78
1191972	DV50CS22055M	22	40	55	31	MS1234	8mm	CDR22M	CDK22M	2,93
1264181	DV50CS22100M	22	40	100	31	MS1234	8mm	CDR22M	CDK22M	3,36
1236218	DV50CS22150M	22	40	150	31	MS1234	8mm	CDR22M	CDK22M	3,83

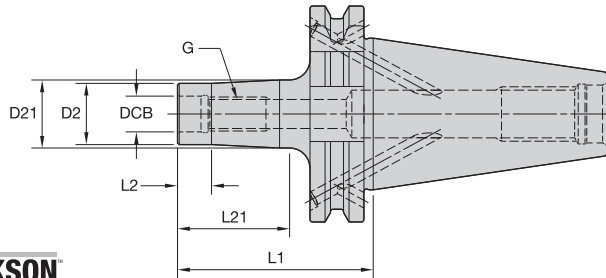


■ CS-DV Form AD • Lock Screw Design



order number	catalog number	D1	D2	L1	L13	lock screw	lock screw wrench	combi driver ring	combi drive key	kg
1191973	DV50CS27055M	27	48	55	33	KLS27MPKG	SMW27M	CDR27M	CDK27M	3,11
1264185	DV50CS27100M	27	48	100	33	KLS27MPKG	SMW27M	CDR27M	CDK27M	3,75
1264186	DV50CS27150M	27	48	150	33	KLS27MPKG	SMW27M	CDR27M	CDK27M	4,27
1191974	DV50CS32055M	32	58	55	38	KLS32M	SMW32M	CDR32M	CDK32M	3,41
1264188	DV50CS32100M	32	58	100	38	KLS32M	SMW32M	CDR32M	CDK32M	4,29
1264189	DV50CS32150M	32	58	150	38	KLS32M	SMW32M	CDR32M	CDK32M	5,18
1232559	DV50CS40100M	40	70	100	41	KLS40M	SMW40M	CDR40M	CDK40M	5,17
1264192	DV50CS40150M	40	70	150	41	KLS40M	SMW40M	CDR40M	CDK40M	6,57
1264194	DV50CS50075M	50	90	75	46	KLS50M	SMW50M	CDR50M	CDK50M	7,20
1264195	DV50CS50150M	50	90	150	46	KLS50M	SMW50M	CDR50M	CDK50M	7,84

NOTE: Do not overtighten lock screw.
Supplied with lock screw, drive ring, and drive keys.
Lock screw wrench not included.
For retention knobs, see page L45.



ERICKSON



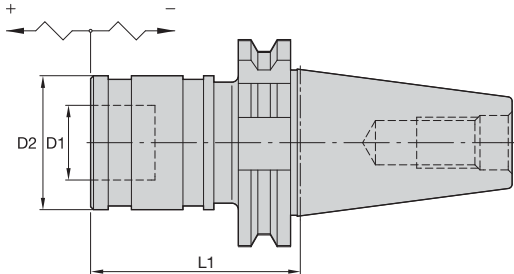
■ ST-DV Form B/AD

order number	catalog number	DCB	G	D2	D21	L1	L2	L21	kg
4067827	DV50BST12087M	12,5	M12	21	24	87	10	62	2,77
4067828	DV50BST12137M	12,5	M12	21	31	137	10	112	3,05
4067829	DV50BST12187M	12,5	M12	21	39	187	10	162	3,50
4067830	DV50BST16087M	17,0	M16	29	34	87	10	62	2,96
4067831	DV50BST16137M	17,0	M16	29	39	137	10	112	3,38
4067832	DV50BST16187M	17,0	M16	29	39	187	10	162	3,71
4067863	DV50BST16237M	17,0	M16	29	49	237	10	212	4,62

NOTE: For retention knobs, see page L45.
For technical information, see page M96–M97.

DV50 Shank Tools

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

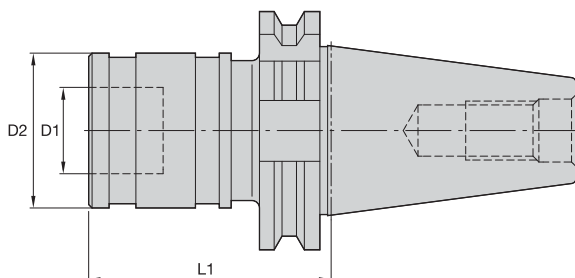


ERICKSON

■ RC-DV Form A

order number	catalog number	adapter size	tap size		D1	D2	L1	tension	compression	kg
			mm	in						
1777453	DV50RC1075M	1	M1 - M14	#0 - 9/16	19	36	75	7,5	7,5	2,90
1777455	DV50RC2084M	2	M5 - M24	5/16 - 7/8	31	53	85	12,5	12,5	3,70
1777540	DV50RC3139M	3	M14 - M27	13/16 - 1 3/8	48	78	139	20,0	20,0	4,50

NOTE: Quick-change tap adapters are available and must be ordered separately; see page M76.
 For retention knobs, see page L45.



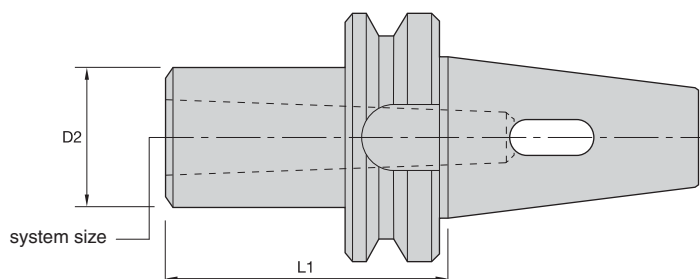
ERICKSON

■ STRC-DV Form AD

order number	catalog number	adapter size	tap size		D1	D2	L1	kg
			mm	in				
1778243	DV50STRC1074M	1	M1 - M14	#0 - 9/16	19	36	74	3,60
1778244	DV50STRC2089M	2	M5 - M24	5/16 - 7/8	31	53	89	3,80

NOTE: Quick-change tap adapters are available and must be ordered separately; see page M76.
For retention knobs, see page L45.

DV50 Shank Tools



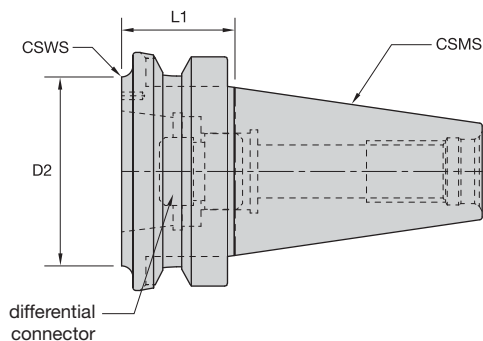
ERICKSON

■ MT-DV Form A

order number	catalog number	system size	D2	L1	kg
1191989	DV50MT5105M	5	69,9	105	3,75

NOTE: For retention knobs; see page L45.

- Differential connector included.



■ DV to KR DIN 69871 AD/B • Metric



order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	kg	reference head
1528328	DV50BKR32041M	DV50	KR32	50	41	KRDCKR32M	2,80	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
1191971	DV50BKR50040M	DV50	KR50	65	40	KRDCKR50M	2,80	SVS4B,5B,SVU65,SVUBB2
1264135	DV50BKR63060M	DV50	KR63	85	60	KRDCKR63M	3,30	SVS6B,7B,8B
1264136	DV50BKR80070M	DV50	KR80	95	70	KRDCKR80M	4,10	SVU92,120

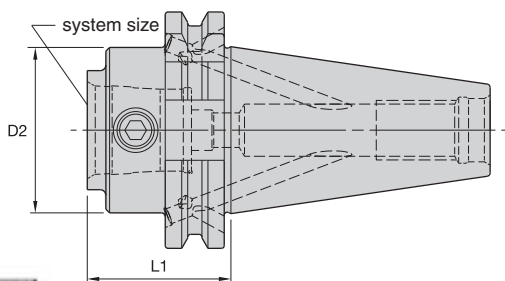
■ DV to KR DIN 69871 AD/B • Inch



order number	catalog number	CSMS system size	CSWS system size	D2	L1	differential connector	lbs	reference head
1528328	DV50BKR32041M	DV50	KR32	1.96	1.614	KRDCKR32M	6.16	SVS00B,0B,1B,2B,3B,SVUBB1,BB2
1191971	DV50BKR50040M	DV50	KR50	2.56	1.575	KRDCKR50M	6.16	SVS4B,5B,SVU65,SVUBB2
1264135	DV50BKR63060M	DV50	KR63	3.34	2.362	KRDCKR63M	7.26	SVS6B,7B,8B
1264136	DV50BKR80070M	DV50	KR80	3.73	2.756	KRDCKR80M	9.02	SVU92,120

NOTE: For Romicon boring systems, see the Kennametal Innovations Master Catalog Cutting Tools 2013.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



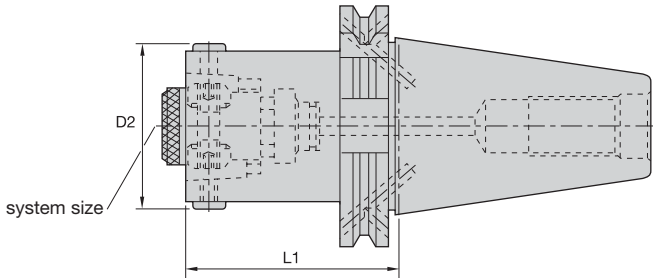
■ KM-DV Form B/AD



order number	catalog number	system size	D2	L1	KM spare parts package	wrench size actuation screw	Nm	kg
1974741	DV50BKM32040M	KM32	32	40,0	KM32PKG3S	5mm	8-11	2,64
1974742	DV50BKM32090M	KM32	32	90,0	KM32PKG3S	5mm	8-11	2,91
1974813	DV50BKM40040M	KM40	40	40,0	KM40PKG3L	6mm	12-16	3,00
1974814	DV50BKM40100M	KM40	40	100,0	KM40PKG3S	6mm	12-16	3,18
1974815	DV50BKM50060M	KM50	50	60,0	KM50PKG3S	10mm	27-34	2,99
1974816	DV50BKM50120M	KM50	50	120,0	KM50PKG3S	10mm	27-34	3,79
1974817	DV50BKM63060M	KM63	63	60,0	KM63PKG3S	12mm	47-54	3,18
1974818	DV50BKM63140M	KM63	63	140,0	KM63PKG3S	12mm	47-54	4,95
1974819	DV50BKM80080M	KM80	80	80,0	KM80PKG3S	14mm	79-85	4,23

NOTE: Do not overtorque actuation screw; use torque recommendations above.
Supplied with KM actuation mechanism.
For retention knobs, see page L45.

Form AD					
Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm



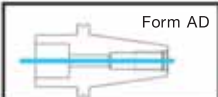
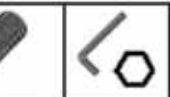
ERICKSON™

■ **HSK-DV Form B/AD**

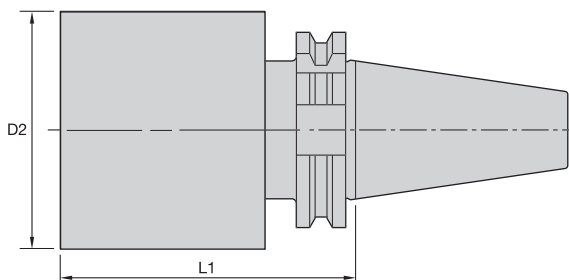
order number	catalog number	system size	D2	L1	wrench size actuation screw	Nm	kg
1519669	DV50BHSK32055M	HSK32	37	55	3mm	6	2,70
1519670	DV50BHSK40060M	HSK40	45	60	3mm	8	2,80
1124343	DV50BHSK50065M	HSK50	55	65	4mm	15	2,90
1126202	DV50BHSK63075M	HSK63	70	75	5mm	20	3,10

NOTE: Do not overtorque actuation screw; use torque recommendations above.
 Supplied with actuation mechanism and sealing ring.
 For retention knobs, see page L45.

DV50 Shank Tools

 Form AD					
 Form B			40	(2x) MS2221S	2,5mm
			50	(2x) MS1296S	3mm

- Machinable front 20–30 RW C.



ERICKSON

■ BB-DV Form A

order number	catalog number	D2	L1	kg
1264076	DV50BB104350M	104	350	24,08
1123987	DV50BB134250M	134	250	26,86

NOTE: For retention knobs, see page L45.



QC and R8 Shank Tools

QC30 Shank Tools	.H2-H9
QC40 Shank Tools	.H10-H17
QC50 Shank Tools	.H18-H22
R8 Shank Tools	.H24-H27



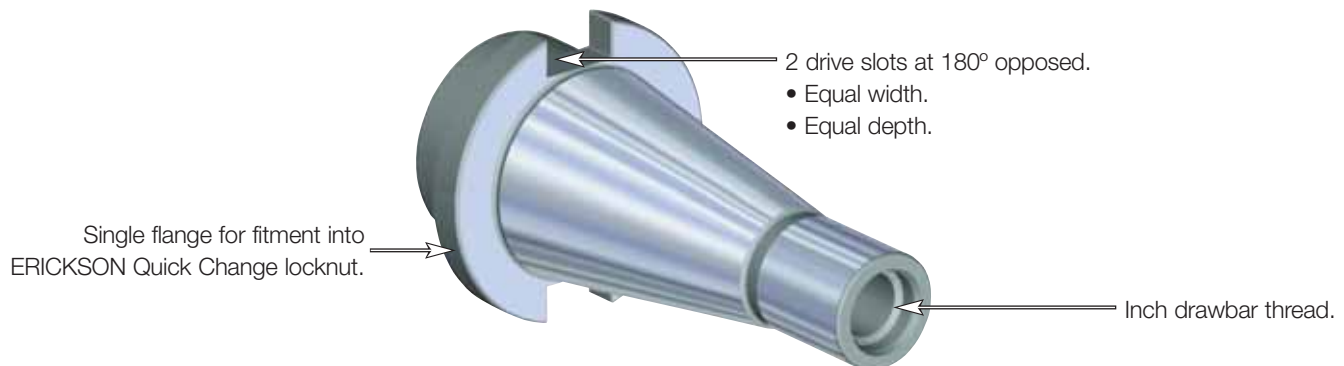
ERICKSON™ Quick Change Flange Shank Tooling System • QC30 Series

Primary Application

With an ERICKSON QC locknut retrofitted to manual-loading milling machine spindles, the ERICKSON Quick Change Flange QC Taper Tooling can be used as a quick-change system. The QC30 tools are manufactured from premium materials and meet or exceed the latest ISO-1947 taper accuracy. QC tools are balanced-by-design and will perform effectively at lower RPMs. For high speed applications Kennametal recommends that the complete toolholder assembly (toolholder, collets, hardware, and cutting tools) be balanced as one entity. Exact RPM limits can only be determined by considering machine and spindle configurations in conjunction with tooling design and safety limits factored as a complete system.

Features and Benefits

- 7/24 taper, interchangeable with NMTB and DIN2080 shank tooling.
- Hub at the tail end of taper cone houses the machine's drawbar bolt, standard 1/2" – 13 UNC – 2B thread.
- Flange faces are precision ground to accommodate ERICKSON QC locknuts.
- Taper accuracy of AT4 specification or better.
- Maximum 100 bar (1,500 psi) coolant pressure.



QC Quick Change (NMTB)

How Do Catalog Numbers Work?

Each character in our catalog number signifies a specific trait of that product. Use the following key columns and corresponding images to easily identify which attributes apply.



QC

Shank
Style

30

Shank
Taper
Size

30 = 30

40 = 40

50 = 50

TG

Toolholder
Style

DA = Double-angle collet chuck
EM = End mill adapter
MS = Morse taper adapter
SA = Slotting cutter adapter
SM = Shell mill adapter
TA = Tap chuck adapter
TG = Tremendous Grip single-angle collet chuck

50

Toolholder
Size

100

Tool
Length

(Taper gage
line to from
of tool)

inch
xxx = x.xx

M

Tool
Length

TG =
Collet series xx (50), xxx (100)

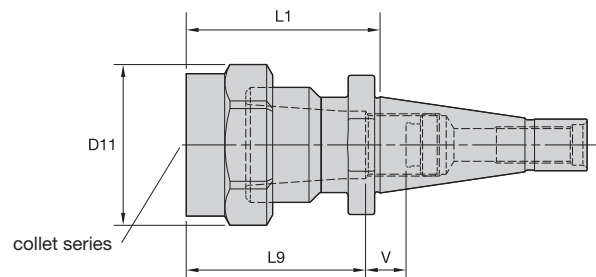
EM =
I.D. size: metric — xx = xx, (20);
inch — xxx = x.xx, (075)

SM =
O.D. size: metric — xx = xx, (20);
inch — xxx = x.xx, (075)

M = Tool built to metric
values and has metric
retention thread

(blank) = Tool built to inch
values and has inch
retention thread

- Tremendous Grip (3:1 advantage).



ERICKSON

■ TG Hex-QC IN

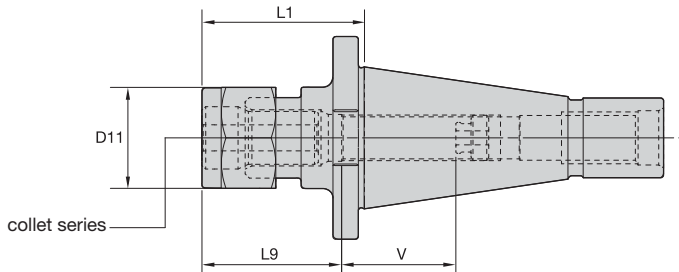
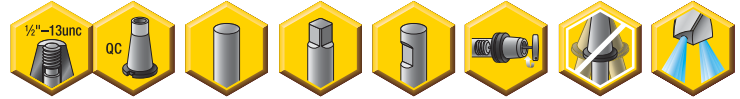
TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG75	2,6	20,0	3/64	3/4
TG100	2,6	25,5	5/64	1



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	ft. lbs.	stop screw	wrench size stop screw	lbs
1025640	QC30TG075253	TG75	1.81	2.53	2.31	.37	NPA075	OEW188	100	SS081041G	4mm & 5/32	1.26
1025641	QC30TG100394	TG100	2.44	3.94	2.91	.83	NPA100	OEW225	150	SS081041G	4mm & 5/32	2.57

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.
Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.
TG standard straight-bore collets, see page J10.
TG tap collets, see page J10.
For retention knobs, see page L45.

- Grip 1:1.



ERICKSON

■ DA Hex-QC IN

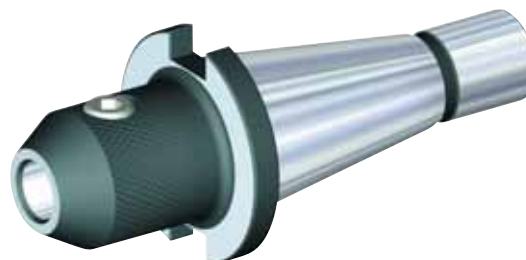
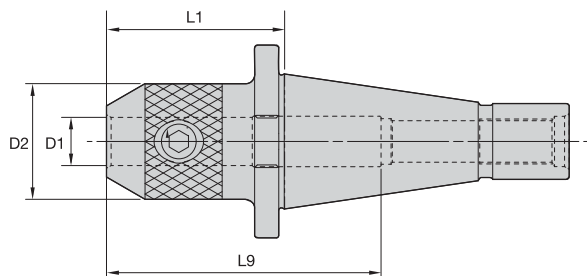
order number	catalog number	collet series	D11	L1	L9	V	lbs
1015552	QC30DA308162	DA300	.77	1.62	1.34	1.38	.73
1015546	QC30DA208181	DA200	1.15	1.81	1.42	1.49	.82
1015595	QC30DA188206	DA180	1.73	2.06	1.93	.47	.90
1015544	QC30DA108200	DA100	1.44	2.00	1.65	1.10	.90

■ Spare Parts



catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
QC30DA308162	LNA308M	—	20	SS031031G	2mm & 5/64
QC30DA208181	NPA208	OEWE100	40	SS044038G	2mm & 5/64
QC30DA188206	NPA188	OEWE150	75	SS081041G	4mm & 5/32
QC30DA108200	LNA108M	OEWE32M	55	SS056041G	4mm & 5/32

NOTE: Tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.
 For retention knobs, see page L45.



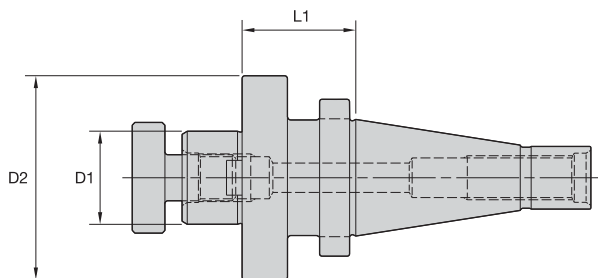
ERICKSON™

■ EM IN-QC IN



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1018668	QC30EM018175	3/16	.69	1.75	3.40	S1045PKG	3/32	3	.73
1018669	QC30EM038175	3/8	1.00	1.75	3.40	ELS038031PKG	3/16	15	.84
1018671	QC30EM062175	5/8	1.44	1.75	2.14	DWG ELS056038	1/4	40	.96
1018242	QC30EM025175	1/4	1.00	1.75	3.40	ELS025025PKG	1/8	5	.86
1018670	QC30EM050175	1/2	1.25	1.75	3.07	ELS044038PKG	7/32	20	.90
1018672	QC30EM075213	3/4	1.75	2.13	2.27	ELS062050PKG	5/16	70	1.28
1018714	QC30EM100269	1	2.00	2.69	2.51	ELS075056PKG	3/8	110	1.73
1018715	QC30EM125363	1 1/4	2.50	3.63	2.51	ELS075062PKG	3/8	110	3.65

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.
For retention knobs, see page L45.



ERICKSON

■ SM IN-QC IN



order number	catalog number	D1	D2	L1	lock screw	drive key	wrench size retention screw	lbs
1018716	QC30SM050125	1/2	1.44	1.25	KLS05	KDK04	3/16	1
1018717	QC30SM075131	3/4	1.75	1.31	KLS07	KDK05	1/4	1
1018718	QC30SM100131	1	2.19	1.31	KLS10	KDK06	5/16	2
1018719	QC30SM125144	1 1/4	2.88	1.44	KLS12	KDK08	5/16	2
1018720	QC30SM150156	1 1/2	3.81	1.56	KLS15	KDK10	3/8	4

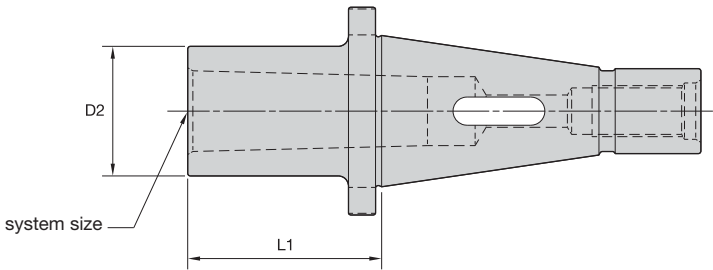
NOTE: Do not overtighten lock screw.

Supplied with lock screw and drive keys.

Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.

Lock screw wrench not included.

For retention knobs, see page L45.

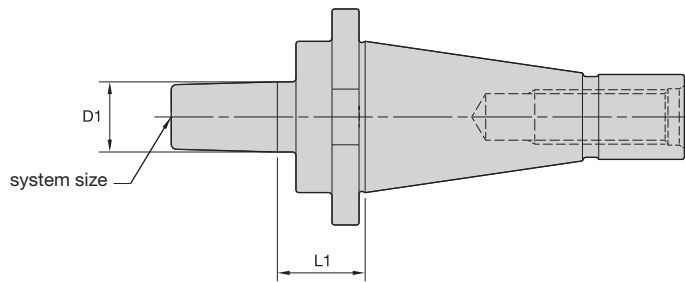


ERICKSON™

■ MT-QC IN

order number	catalog number	system size	D2	L1	kg
1018721	QC30MT1100	1	25	25,40	0,31
1018722	QC30MT2212	2	32	53,85	0,44
1018723	QC30MT3281	3	40	71,37	0,54

NOTE: For retention knobs, see page L45.



ERICKSON

■ JT-QC IN

order number	catalog number	system size	D1	L1	lbs
1018774	QC30JT1159	1	.38	.93	.80
1018775	QC30JT2181	2	.56	.94	.84
1018776	QC30JT3219	3	.81	.97	.95
1018779	QC30JT33197	33	.62	.97	.86
1018777	QC30JT4262	4	1.12	.96	1.25
1018778	QC30JT6197	6	.68	.97	.89

NOTE: For retention knobs, see page L45.

QC30 Shank Tools

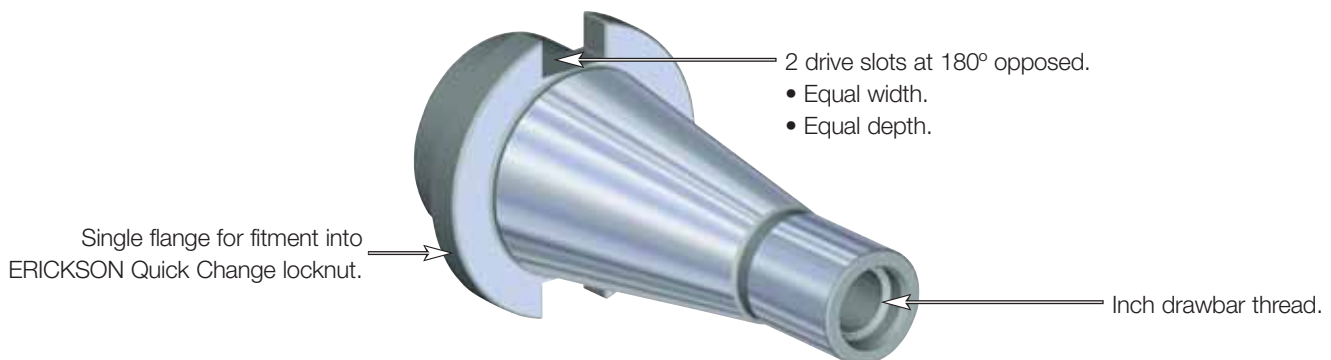
ERICKSON™ Quick Change Flange Shank Tooling System • QC40 Series

Primary Application

With an ERICKSON QC locknut retrofitted to manual-loading milling machine spindles, the ERICKSON Quick Change Flange QC Taper Tooling can be used as a quick-change system. The QC40 tools are manufactured from premium materials and meet or exceed the latest ISO-1947 taper accuracy. QC tools are balanced-by-design and will perform effectively at lower RPMs. For high speed applications Kennametal recommends that the complete toolholder assembly (toolholder, collets, hardware, and cutting tools) be balanced as one entity. Exact RPM limits can only be determined by considering machine and spindle configurations in conjunction with tooling design and safety limits factored as a complete system.

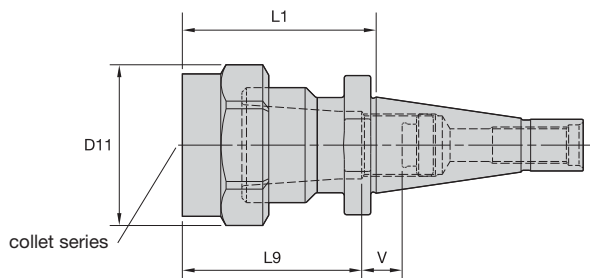
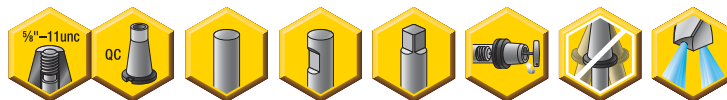
Features and Benefits

- 7/24 taper, interchangeable with NMTB and DIN2080 shank tooling.
- Hub at the tail end of taper cone houses the machine's drawbar bolt, standard 5/8" – 11 UNC – 2B thread.
- Flange faces are precision ground to accommodate ERICKSON QC locknuts.
- Taper accuracy of AT4 specification or better.
- Maximum 100 bar (1,500 psi) coolant pressure.



QC Quick Change (NMTB)

- Tremendous Grip (3:1 advantage).



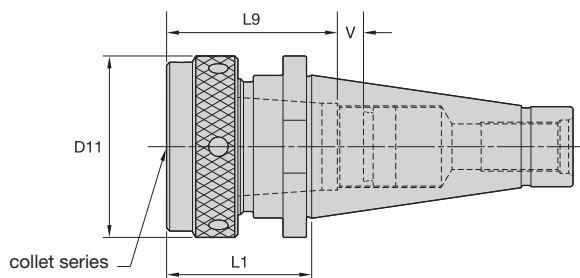
TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG75	2,6	20,0	3/64	3/4
TG100	2,6	25,5	5/64	1
TG150	11,6	40,0	23/64	1-1/2

ERICKSON

■ TG Hex-QC IN



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	stop screw	wrench size stop screw	lbs
1025642	QC40TG075211	TG75	2.09	2.11	2.31	1.04	NPA075	OEW188	SS081041G	4mm & 5/32	2.07
1025643	QC40TG100255	TG100	2.50	2.55	2.72	.41	NPA100	OEW225	SS112041G	4mm & 5/32	2.56



■ TG Round-QC IN



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	stop screw	wrench size stop screw	lbs
1013525	QC40TG150450	TG150	3.48	4.50	3.22	1.24	NPA150	PSW350	SS125050G	4mm & 5/32	5.75

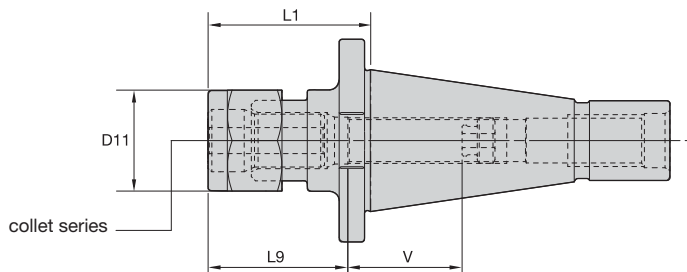
NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.
 TG standard straight-bore collets, see page J10.
 TG tap collets, see page J10.
 For retention knobs, see page L45.

QC40 Shank Tools

DA 08 Series Double-Angle Collet Chucks



- Grip 1:1.



ERICKSON™

■ DA Hex-QC IN

DA collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
DA300	0,2	6	1/64	1/4
DA200	0,2	10	1/64	25/64
DA100	1,8	14	1/64	9/16
DA180	2,2	20	1/64	3/4

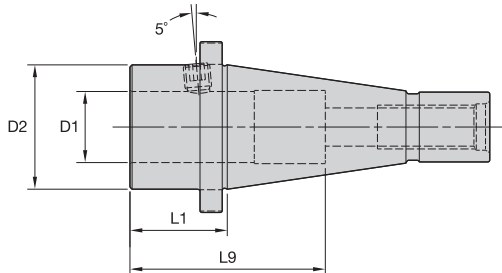
order number	catalog number	collet series	D11	L1	L9	V	lbs
1015413	QC40DA308163	DA300	.77	1.63	1.30	1.30	1.69
1015412	QC40DA208181	DA200	1.15	1.81	1.46	2.04	1.79
1015410	QC40DA108200	DA100	1.44	2.00	1.65	2.05	1.87
1015411	QC40DA188206	DA180	1.73	2.06	1.93	1.73	1.82

■ Spare Parts

catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
QC40DA308163	LNA308M	—	20.00	SS031031G	2mm & 5/64
QC40DA208181	NPA208	OE100	40.00	SS044038G	4mm & 5/32
QC40DA108200	LNA108M	OE132M	55.00	SS056041G	4mm & 5/32
QC40DA188206	NPA188	OE150	75.00	SS081041G	4mm & 5/32

NOTE: For retention, tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.
 For retention knobs, see page L45.

- Through-the-toolholder coolant capability — form AD.
- 1" — 8 UNC drawbar thread.
- Suitable for Whistle Notch straight-shank-style tap chucks.

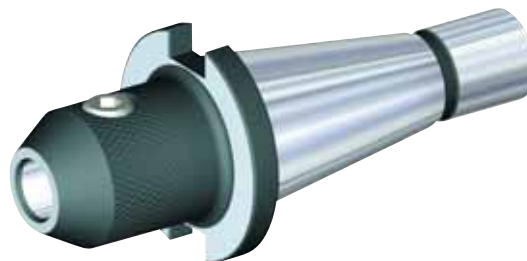
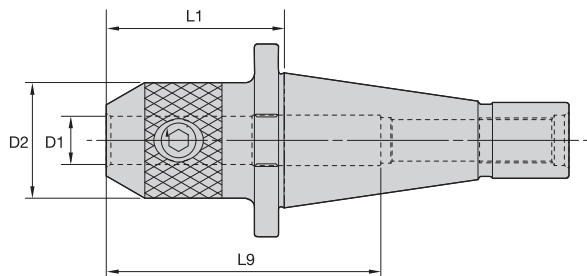
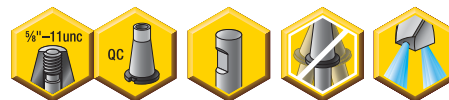


ERICKSON

■ SWN IN-QC IN

order number	catalog number	D1	D2	L1	L9	wrench size lock screw	ft. lbs.	lbs
1017943	QC40TA1137	1.00	1.75	1.38	2.75	3/16	15	1.68

NOTE: Do not overtighten clamp screw; use torque recommendations above.
 Supplied with clamp screw.
 Clamp screw wrench not included.
 For retention knobs, see page L45.



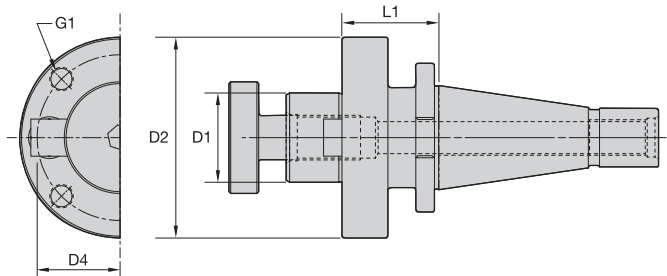
ERICKSON

■ EM IN-QC IN



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1018781	QC40EM018231	.19	.69	2.31	4.84	S1045PKG	3/32	3	1.74
1018667	QC40EM025138	.25	1.00	1.38	3.91	ELS025025PKG	1/8	5	1.73
1018782	QC40EM038231	.38	1.00	2.31	4.84	ELS038031PKG	3/16	15	1.86
1018783	QC40EM050231	.50	1.25	2.31	4.84	ELS044038PKG	7/32	20	2.02
1018844	QC40EM062231	.63	1.50	2.31	3.56	ELS056050PKG	1/4	40	2.18
1018845	QC40EM075231	.75	1.75	2.31	3.94	ELS062050PKG	5/16	70	2.46
1018846	QC40EM088294	.88	2.00	2.94	4.19	ELS062050PKG	5/16	70	2.80
1018847	QC40EM100338	1.00	2.00	3.38	4.49	ELS075056PKG	3/8	110	3.00
1018848	QC40EM125369	1.25	2.50	3.69	2.39	ELS075062PKG	3/8	110	4.63
1019099	QC40EM150395	1.50	2.75	3.95	2.82	ELS075062PKG	3/8	110	5.29

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.
For retention knobs, see page L45.



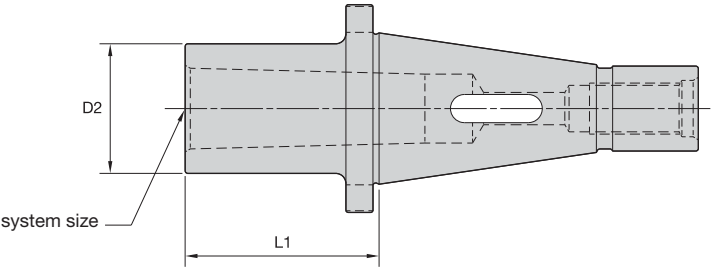
ERICKSON

■ SM IN-QC IN



order number	catalog number	D1	D2	D4	G1	L1	lock screw	drive key	wrench size lock screw	lbs
1018849	QC40SM050088	1/2	1.44	—	—	.88	KLS05	KDK04	3/16	1.90
1018850	QC40SM075088	3/4	1.75	—	—	.88	KLS07	KDK05	1/4	2.02
1018851	QC40SM100131	1	2.19	—	—	1.31	KLS10	KDK06	5/16	2.57
1018852	QC40SM125150	1 1/4	2.88	—	—	1.50	KLS12	KDK08	5/16	3.47
1018853	QC40SM150163	1 1/2	3.38	—	—	1.63	KLS15	KDK10	3/8	4.58
1018904	QC40SM200163	2	4.88	4.00	5/8-11 UNC	1.63	KLS20	KDK12	9/16	6.85

NOTE: Do not overtighten lock screw.
 Supplied with lock screw and drive keys.
 Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.
 Lock screw wrench not included.
 For retention knob, see page L45.

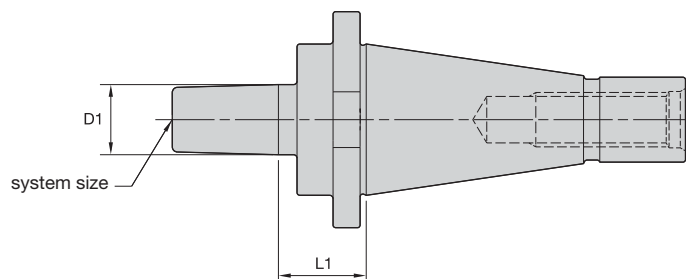


ERICKSON™

■ MT-QC IN

order number	catalog number	system size	D2	L1	lbs
1018905	QC40MT1094	1	1.00	.94	1.64
1018906	QC40MT2206	2	1.25	2.06	1.93
1018907	QC40MT3225	3	1.50	2.25	1.95
1018908	QC40MT4306	4	1.88	3.06	2.33
1019097	QC40MT5700	5	2.38	7.00	5.57

NOTE: For retention knobs, see page L45.



ERICKSON

■ JT-QC IN

order number	catalog number	system size	D1	L1	lbs
1018909	QC40JT2188	2	.56	1.01	2.02
1018910	QC40JT3225	3	.81	1.03	2.11
1018913	QC40JT33194	33	.62	.94	2.00
1018911	QC40JT4269	4	1.12	1.03	2.44
1018912	QC40JT6194	6	.68	.94	2.02

NOTE: For retention knobs, see page L45.

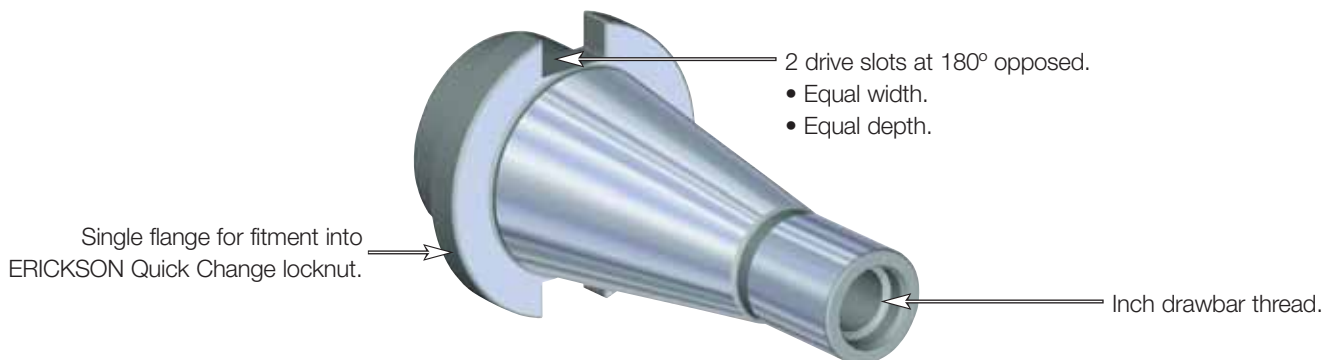
ERICKSON™ Quick Change Flange Shank Tooling System • QC50 Series

Primary Application

With an ERICKSON QC locknut retrofitted to manual-loading milling machine spindles, the ERICKSON Quick Change Flange QC Taper Tooling can be used as a quick-change system. The QC50 tools are manufactured from premium materials and meet or exceed the latest ISO-1947 taper accuracy. QC tools are balanced-by-design and will perform effectively at lower RPMs. For high speed applications Kennametal recommends that the complete toolholder assembly (toolholder, collets, hardware, and cutting tools) be balanced as one entity. Exact RPM limits can only be determined by considering machine and spindle configurations in conjunction with tooling design and safety limits factored as a complete system.

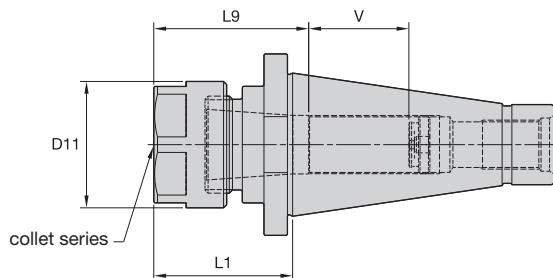
Features and Benefits

- 7/24 taper, interchangeable with NMTB and DIN2080 shank tooling.
- Hub at the tail end of taper cone houses the machine's drawbar bolt, standard 1" – 8 UNC – 2B thread.
- Flange faces are precision ground to accommodate ERICKSON QC locknuts.
- Taper accuracy of AT4 specification or better.
- Maximum 100 bar (1,500 psi) coolant pressure.



QC Quick Change (NMTB)

- Tremendous Grip (3:1 advantage).



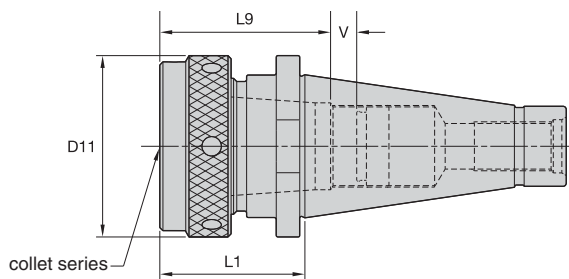
TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG100	2,6	25,5	5/64	1
TG150	11,6	40,0	23/64	1-1/2

ERICKSON

■ TG Hex-QC IN



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	stop screw	wrench size stop screw	ft. lbs.	lbs
1025798	QC50TG100272	TG100	2.44	2.72	2.76	2.28	NPA100	OE225	SS112041G	4mm & 5/32	150	6.45

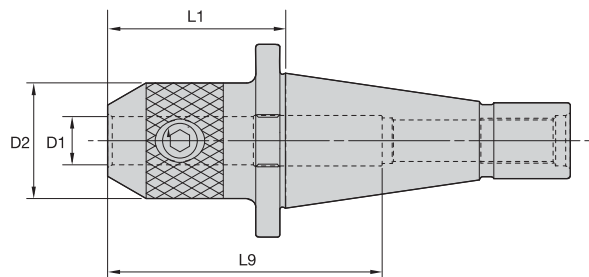


■ TG Round-QC IN



order number	catalog number	collet series	D11	L1	L9	V	locknut	wrench	stop screw	wrench size stop screw	ft. lbs.	lbs
1013526	QC50TG150284	TG150	3.50	2.84	3.15	1.26	NPA150	PSW350	SS162062G	4mm & 5/32	200	7.14

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16-L17.
 Stop screw coolant caps are available and must be ordered separately; see pages L34-L35.
 Balanceable/interchangeable locknuts are available and must be ordered separately; see page L16.
 TG standard straight-bore collets, see page J10.
 TG tap collets, see page J10.
 For retention knobs, see page L45.



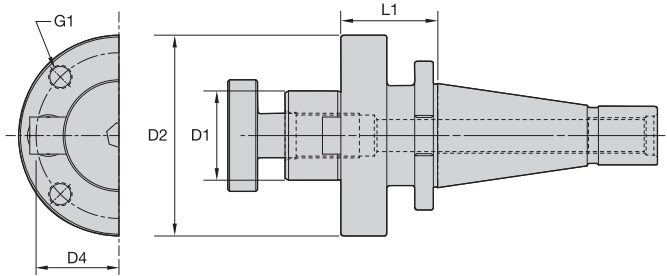
ERICKSON

■ EM IN-QC IN



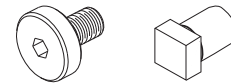
order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1019096	QC50EM038275	3/8	1.00	2.75	5.96	ELS038031PKG	3/16	15	5.81
1018979	QC50EM050275	1/2	1.38	2.75	5.96	ELS044038PKG	7/32	20	6.07
1019101	QC50EM062275	5/8	1.63	2.75	5.96	ELS056050PKG	1/4	40	6.18
1019100	QC50EM075275	3/4	1.75	2.75	5.96	ELS062050PKG	5/16	70	6.30
1018980	QC50EM088200	7/8	2.00	2.00	4.19	ELS062050PKG	5/16	70	6.05
1018981	QC50EM100306	1	2.00	3.06	4.49	ELS075056PKG	3/8	110	6.58
1019102	QC50EM125306	1-1/4	2.50	3.06	2.39	ELS075062PKG	3/8	110	7.57
1019145	QC50EM150350	1-1/2	2.75	3.50	2.82	ELS075069PKG	3/8	110	8.42
1018982	QC50EM200475	2	3.75	4.75	3.38	ELS100088PKG	1/2	150	13.67

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.
For retention knobs, see page L45.



ERICKSON

■ SM IN-QC IN



order number	catalog number	D1	D2	D4	G1	L1	lock screw	drive key	wrench size retention screw	lbs
1925520	QC50SM050125	1/2	1.44	—	—	1.25	KLS05	KDK04	3/16	5.71
1018983	QC50SM075125	3/4	1.75	—	—	1.25	KLS07	KDK05	1/4	5.78
1019273	QC50SM075600	3/4	1.75	—	—	6.00	KLS07	KDK05	1/4	9.40
1019024	QC50SM100188	1	2.19	—	—	1.88	KLS10	KDK06	5/16	7.28
1019334	QC50SM100600	1	2.19	—	—	6.00	KLS10	KDK06	5/16	11.57
1019335	QC50SM100800	1	2.19	—	—	8.00	KLS10	KDK06	5/16	14.36
1019336	QC50SM125600	1-1/4	2.75	—	—	6.00	KLS12	KDK08	5/16	14.45
1019337	QC50SM1251000	1-1/4	2.75	—	—	10.00	KLS12	KDK08	5/16	20.66
1019025	QC50SM125188	1-1/4	2.88	—	—	1.88	KLS12	KDK08	5/16	14.78
1019146	QC50SM150188	1-1/2	3.38	—	—	1.88	KLS15	KDK10	3/8	8.99
1019095	QC50SM200188	2	4.88	4.00	5/8-11 UNC	1.88	KLS20	KDK12	9/16	11.04
1019026	QC50SM250200	2-1/2	4.88	4.00	5/8-11 UNC	2.00	—	KDK16	1/2	11.94

NOTE: Do not overtighten lock screw; use torque recommendations above.

Supplied with lock screw and drive keys.

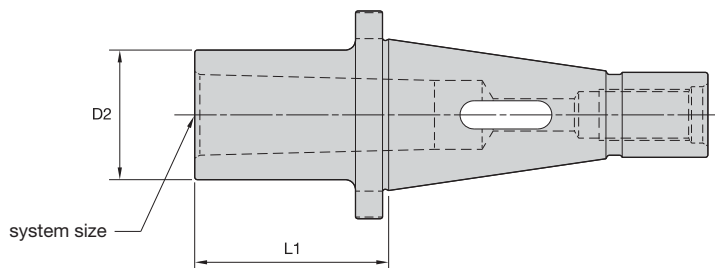
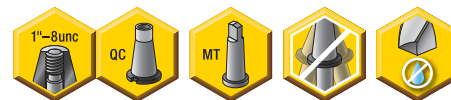
Interchangeable coolant-style lock screws are available and must be ordered separately; see page L38.

Lock screw wrench not included.

For retention knob, see page L45.

QC50 Shank Tools

Morse Taper Adapters • Slotting Cutter Adapters



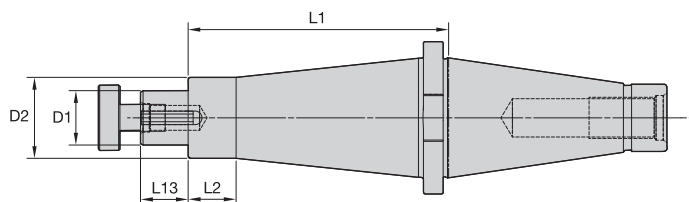
ERICKSON™

■ MT-QC IN

order number	catalog number	system size	D2	L1	lbs
1019027	QC50MT2188	2	1.25	1.88	5.61
1019028	QC50MT3238	3	1.62	2.38	5.67
1019029	QC50MT4325	4	2.00	3.25	6.44
1019030	QC50MT5462	5	2.75	4.62	8.74

NOTE: For retention knobs, see page L45.

QC50 Shank Tools



ERICKSON™

■ SA IN-QC IN

order number	catalog number	D1	D2	L1	L2	L13	lock screw	wrench size lock screw	drive key	lbs
1026342	QC50SA125600	1-1/4	1.86	6	1.10	1.09	KLS12	5/16	DWG SDK125119	12.27
1026343	QC50SA150600	1-1/2	2.11	6	1.25	1.70	KLS15	3/8	DWG SDK150175	13.49
1026222	QC50SA200600	2	2.75	6	5.41	1.70	KLS20	9/16	SDK200169	16.72



NOTE: Do not overtighten lock screw.
Supplied with lock screw and drive key.
Lock screw wrench not included.
For retention knobs, see page L45.



KSRM™

Multitpurpose Milling Cutters

Specially developed for machining titanium and stainless steel. KSRM platform enables you to pocket, profile, ramp, and plunge with up to 1mm (.039") fz with consistent performance, providing outstanding metal removal rates with the lowest cutting forces in roughing applications.

- Anti-rotation feature with eight indexes.
- High positive topography with strong cutting edges.
- High clearance on the cutters and inserts.
- Wide cutter offering with internal coolant.
- Ground and PSTS inserts.
- Provides more stability and reliability.
- Lower cutting forces generated.
- Cutters can run with higher feed rates and better ramping capacities.
- Take advantage of through-spindle coolant to use the latest holders offered.
- Cover extensive workpiece materials.
- Superior productivity and better insert utilization/cost per edge.
- Long tool life and better metal removal rate.
- Able to convert all milling applications.
- Improve tool life and chip evacuation.
- Superior overall performance.

Experience the advantages at your Authorized Kennametal Distributor or at www.kennametal.com.

www.kennametal.com



Shank Tooling System • R8 Shank Tooling

Primary Application

R8 Shank Toolholders are designed with a locking groove that aligns into a locking mechanism when inserted into the spindle. A milling machine drawbar bolt pulls the tool into the spindle for a secure connection.

Features and Benefits

- All non-critical surfaces are black oxide.
- Design enables coolant as a standard feature.
- Clean components prior to assembly.
- To avoid destroying the toolholder, never overtighten toolholders or neglect surface damage.



How Do Catalog Numbers Work?

Each character in our catalog number signifies a specific trait of that product. Use the following key columns and corresponding images to easily identify which attributes apply.



R8

Shank
Style

DA

Toolholder
Style

DA = Double-angle collet
chuck
EM = End mill adapter
SM = Shell mill adapter

188

Toolholder
Size

181

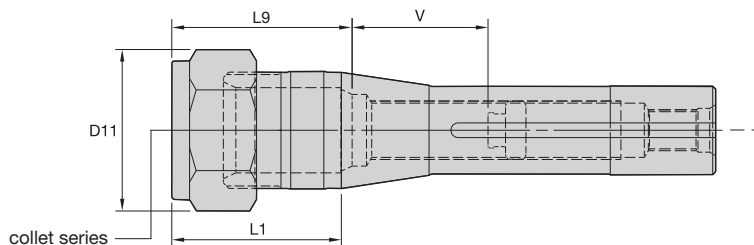
Tool
Length

(Tool gage line
to front of tool)

inch
xxx = x.xx

DA =
Collet series xxx (188)
EM =
I.D. size: metric — xx = xx, (20);
inch — xxx = x.xx, (075)
SM =
O.D. size: metric — xx = xx, (20);
inch — xxx = x.xx, (075)

- Grip 1:1.



ERICKSON™

DA 08 Hex-R8

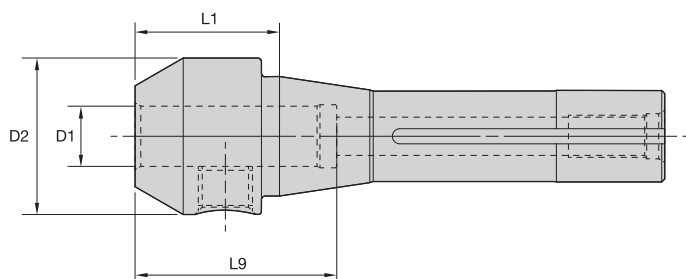
DA collet series	Collet Capacity		Collet Capacity	
	mm	inch	mm	inch
DA180	min 2,2	max 20	min 1/64	max 3/4

order number	catalog number	collet series	D11	L1	L9	V	lbs
1015548	R8DA188181	DA180	1.73	1.81	2.29	2.36	1.01

Spare Parts

catalog number	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
R8DA188181	NPA188	OE150	75	SS062041G	4mm & 5/32

NOTE: For retention, tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.



ERICKSON

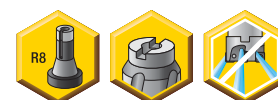
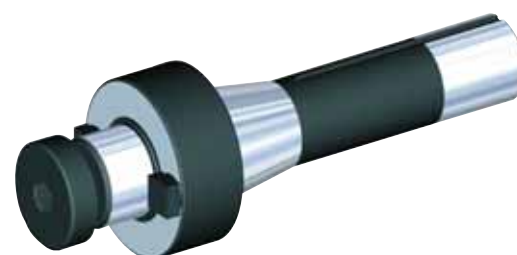
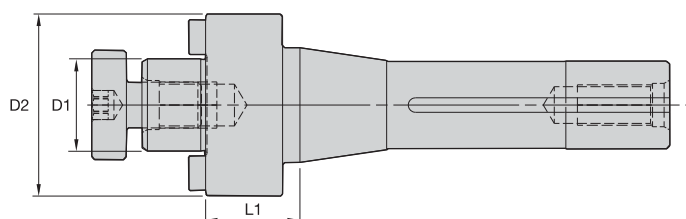
■ EM IN-R8



order number	catalog number	D1	D2	L1	L9	lock screw	wrench size lock screw	ft. lbs.	lbs
1286048	R8EM018112	3/16	.69	1.13	1.01	S1045PKG	3/32	5	.86
1286049	R8EM038100	3/8	1.00	1.00	1.73	ELS038031PKG	3/16	15	.90
1286050	R8EM050112	1/2	1.24	1.13	1.73	ELS044038PKG	7/32	20	.95
1286051	R8EM062150	5/8	1.63	1.50	2.09	ELS056050PKG	1/4	40	1.29
1229174	R8EM075262	3/4	1.75	2.63	2.22	ELS062050PKG	5/16	70	2.04
1286052	R8EM088306	7/8	2.00	3.06	2.22	ELS062050PKG	5/16	70	2.80
1286053	R8EM100306	1	2.00	3.06	2.46	ELS075056PKG	3/8	110	2.64
1286054	R8EM125306	1-1/4	2.50	3.06	2.51	ELS075056PKG	3/8	110	3.72

NOTE: Do not overtighten lock screw; use torque recommendations above.
Supplied with lock screw.
Lock screw wrench not included.

R8 Shank Tools



ERICKSON

■ SM Lock IN-R8



order number	catalog number	D1	D2	L1	lock screw	drive key	wrench size lock screw	lbs
1286058	R8SM050102	1/2	1.28	1.02	KLS05	KDK04	3/16	1.23
1286059	R8SM075102	3/4	1.63	1.02	KLS07	KDK05	1/4	1.50
1286060	R8SM100102	1	1.97	1.02	KLS10	KDK06	5/16	1.85
1286061	R8SM125102	1-1/4	2.50	1.02	KLS12	KDK08	5/16	2.51

NOTE: Do not overtighten lock screw.
Supplied with lock screw and drive keys.
Lock screw wrench not included.



Straight Shanks

Shrink Fit Toolholders	I4–I5
TG Single-Angle Collet Chucks	I6–I7
Standard	I6
Tension and Compression	I7
ER Single-Angle Collet Chucks	I8–I11
Standard	I8–I11
DA Double-Angle Collet Chucks	I12–I22
01 Series Standard	I12–I13
04 Series Standard	I14–I15
08 Series Standard	I16–I17
Tap Chucks	I18–I20
Floating Holders	I21–I22
Screw-On Adapters for Modular Milling Cutters	I23–I26
Slotting Cutter Adapters	I27



Shank Tooling System • Straight Shank Tools

Primary Application

Straight Shank Toolholders are ideal for extending tool length to reach difficult-to-machine areas. These toolholders are intended for use in combination with other toolholder and adapter systems.

Features and Benefits

- All non-critical surfaces are black oxide.
- Design enables coolant as a standard feature on most designs.
- Clean components prior to assembly.
- To avoid destroying the toolholder, never over tighten toolholders or neglect surface damage.



How Do Catalog Numbers Work?

Each character in our catalog number signifies a specific trait of that product. Use the following key columns and corresponding images to easily identify which attributes apply.

ERICKSON



SS120TG50100M

SS

Shank
Style

120

Shank Taper
Size

120 = 12mm
125 = 12,5mm
160 = 16mm
190 = 19mm
200 = 20mm
250 = 25mm
038 = 3/8"
050 = 1/2"
062 = 5/8"
075 = 3/4"
100 = 1"
125 = 1-1/4"
150 = 1-1/2"
175 = 1-3/4"
200 = 2"

TG

Toolholder
Style

DA = Double-angle collet chuck
DP = Double pin, floating holder
ER = DIN 6499 single-angle collet chuck
FC = Fully floating holder
SA = Slotting cutter adapter
STL = DAL — tapping adapter, solid
TCJ = DAJ — tapping adapter, tension and compression
TCK = DAK — tapping adapter, tension and compression
TCL = DAL — tapping adapter, tension and compression
TCTG = TG — tapping adapter, tension and compression
TG = Tremendous Grip single-angle collet chuck
TOJ = DAJ — tapping adapter, tension only
TOK = DAK — tapping adapter, tension only
TOL = DAL — tapping adapter, tension only
TT = Shrink Fit thermo toolholder

50

Toolholder
Size

100

Tool
Length

(Flange face to
front of tool)

metric
xxx = xxx
inch
xxx = x.xx

M

Identification
Value

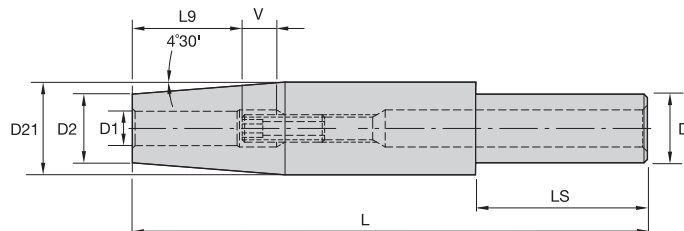
M = Tool built to metric values
(blank) = Tool built to inch values

TG =
Collet series xx (50), xxx (100)

EM =
I.D. size: metric — xx = xx, (20);
inch — xxx = x.xx, (075)

SM =
O.D. size: metric — xx = xx, (20);
inch — xxx = x.xx, (075)

- Suitable for carbide and HSS cutting tools (requirements below).
- Slim design for extending adapters, collet chucks, and toolholders.
- 10mm (3/8") axial adjustment.



Cutting Tool Shank Requirements
metric (ISO standard)

cutting tool shank diameter	tolerance	
3	h4	0,000/-0,003
4	h4	0,000/-0,004
5	h5	0,000/-0,005
6	h6	0,000/-0,008
8 & 10	h6	0,000/-0,009
12	h6	0,000/-0,011

ERICKSON

■ TT GP MM-SS MM



order number	catalog number	D	D1	D2	D21	L	LS	L9	V	stop screw	wrench size stop screw	kg
2264458	SS160TT03110M	16	3	9	15	110	50	15	10	TTSS05014M	2,5mm	0,11
2456194	SS160TT04110M	16	4	9	15	110	50	15	10	TTSS05014M	2,5mm	0,12
1801299	SS200TT04150M	20	4	9	15	150	60	15	10	TTSS05014M	2,5mm	0,22
1801300	SS200TT05150M	20	5	9	15	150	60	15	10	TTSS06014M	3mm	0,22
1801301	SS200TT06150M	20	6	15	—	150	118	26	10	TTSS05014M	2,5mm	0,30
1801302	SS200TT08150M	20	8	15	—	150	118	26	10	TTSS06014M	3mm	0,30
1801413	SS200TT10150M	20	10	20	27	150	50	31	10	TTSS08014M	4mm	0,46
1801414	SS200TT12150M	20	12	20	27	150	50	36	10	TTSS10014M	5mm	0,44

(continued)

(TT GP continued)

Cutting Tool Shank Requirements
inch (industry standard)

cutting tool shank diameters	tolerance
1/8 & 3/16	.0000/- .0003
1/4, 5/16, & 3/8	.0000/- .0004
7/16, 1/2, 9/16, & 5/8	.0000/- .0004

■ TT GP IN-SS IN



order number	catalog number	D	D1	D2	D21	L	LS	L9	V	stop screw	wrench size stop screw	lbs
1794109	SS050TT012600	1/2	1/8	.35	.50	6.00	5.07	.61	.39	TTSS05014M	2,5mm	.26
1794110	SS050TT018600	1/2	3/16	.35	.50	6.00	5.07	.61	.39	TTSS06014M	3mm	.25
1794111	SS075TT025600	3/4	1/4	.59	.75	6.00	4.98	1.02	.39	TTSS05014M	2,5mm	.62
1794112	SS075TT031600	3/4	5/16	.59	.75	6.00	4.98	1.02	.39	TTSS06014M	3mm	.61
1794233	SS075TT038600	3/4	3/8	.79	1.06	6.00	1.50	1.22	.39	TTSS08014M	4mm	1.07
1794234	SS075TT044600	3/4	7/16	.79	1.06	6.00	1.50	1.42	.39	TTSS10014M	4mm	1.05
1794235	SS075TT050600	3/4	1/2	.79	1.06	6.00	1.50	1.42	.39	TTSS10014M	5mm	1.02
1794236	SS100TT056700	1	9/16	.95	1.26	7.00	1.75	1.42	.39	TTSS10014M	4mm	1.72
1794237	SS100TT062700	1	5/8	.95	1.26	7.00	1.75	1.54	.39	TTSS12014M	6mm	1.68

Straight shank toolholders are a great complement to the Shrink Fit program. Use caution to not overheat the Slim Line design. Overheating can cause warping or permanent damage. The life cycle of the toolholders will be drastically reduced if the activating heat is not controlled. The Slim Line design permits only a limited number of heat shrinks. Testing has shown more than 300 heat shrinks can be performed with the straight shank extensions when the activation heat is controlled to less than 426 °C (800 °F).

NOTE: Do not overheat. Overheating will destroy the accuracy and functionality of the toolholder.

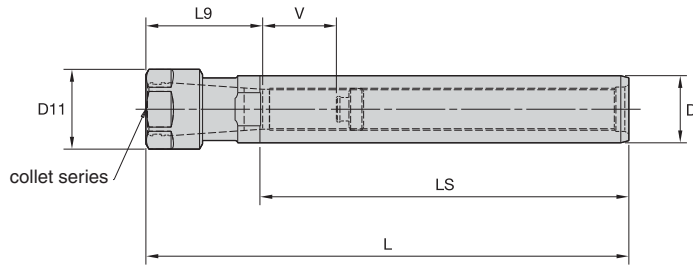
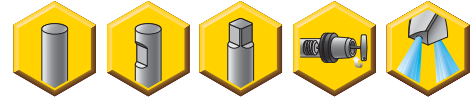
Shrink Fit technical section, see page M78.

Supplied with stop screw.

Adjusting stop screw gage, see page M81.

For Shrink Fit machine and accessories, see pages L12-L13.

- Tremendous Grip (3:1 advantage).



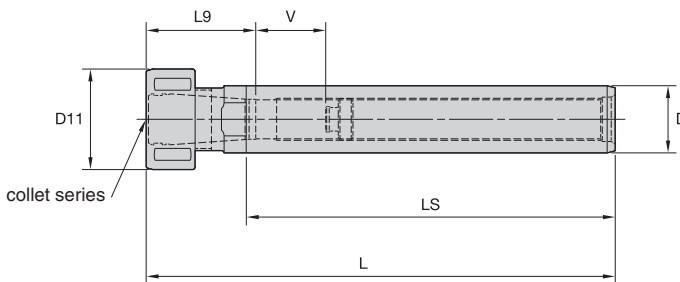
TG collet series	Collet Capacity		mm		inch	
	min	max	min	max	min	max
TG50	1,1	13,5	1/32	17/32		
TG75	2,6	20,0	3/64	3/4		
TG100	2,6	25,5	5/64	1		

ERICKSON™

■ TG Hex-SS IN



order number	catalog number	collet series	D	D11	L	L9	LS	V	locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw	lbs
1082537	SS100TG050719	TG50	1	1.19	7.19	1.77	5.49	4.73	NPA050	OEW106	75	SS062041G	4mm & 5/32	1.03
1025794	SS125TG075850	TG75	1 1/4	2.09	8.50	2.06	6.00	3.56	NPA075	OEW188	100	SS081041G	4mm & 5/32	2.28
1025797	SS150TG075775	TG75	1 1/2	2.09	7.75	2.06	6.00	5.00	NPA075	OEW188	100	SS081041G	4mm & 5/32	2.97
2636807	SS125TG100925	TG100	1 1/4	2.44	9.25	2.88	6.00	3.63	NPA100	OEW225	150	SS081041G	4mm & 5/32	3.27
1025638	SS150TG100925	TG100	1 1/2	2.44	9.25	2.63	6.00	5.93	NPA100	OEW225	150	SS112041G	4mm & 5/32	3.52
1025796	SS175TG100819	TG100	1 3/4	2.44	8.19	2.63	6.02	4.87	NPA100	OEW225	150	SS112041G	4mm & 5/32	4.15
1025795	SS200TG100819	TG100	2	2.44	8.19	2.76	6.00	4.74	NPA100	OEW225	150	SS112041G	4mm & 5/32	5.38



■ TG Round-SS IN



order number	catalog number	collet series	D	D11	L	L2	L9	V	locknut	wrench	ft. lbs.	stop screw	wrench size stop screw	lbs
1025637	SS100TG050698G	TG50	1	1.50	6.98	1.49	1.77	4.53	LNA050M	HSW34M	50	SS062041G	4mm & 5/32	1.15

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.

Collet chuck technical section, see page M98.

Supplied with locknut and stop screw.

Locknut wrench must be ordered separately.

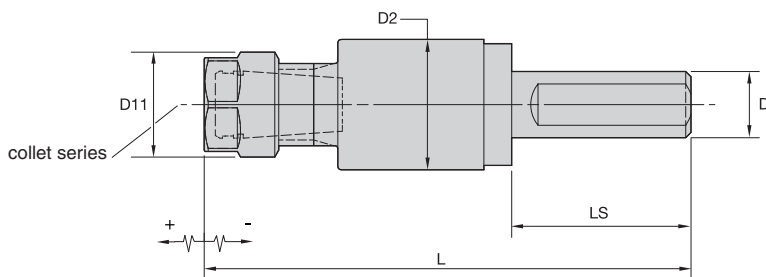
Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16–L17.

Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.

TG standard straight-bore collets, see page J10.

TG tap collets, see page J10.

- Tremendous Grip (3:1 advantage).
- Anti-friction drive.
- Compact design.
- Adjustment hard start.



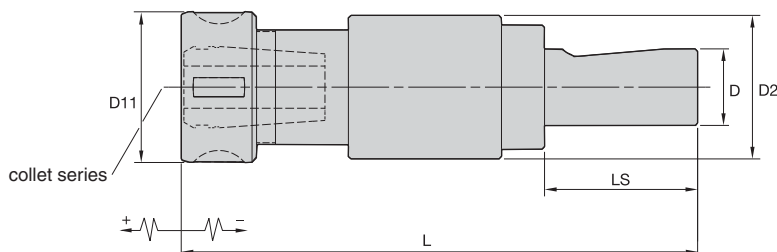
TG collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
TG50	1,1	13,5	1/32	17/32
TG75	2,6	20,0	3/64	3/4
TG100	2,6	25,5	5/64	1

ERICKSON

■ TG Hex Tap T&C-SS IN



order number	catalog number	collet series	D	D11	D2	L	LS	tension	compression	hex assembly	OEW	ft. lbs.	lbs
1288221	SS075CTG050	TG50	3/4	1.22	1.48	5.48	2.00	.25	.30	NPA050	OEW106	75	.68



■ TG Round Tap T&C-SS IN



order number	catalog number	collet series	D	D11	D2	L	LS	tension	compression	locknut	wrench	ft. lbs.	lbs
1288256	SS100TCTG075	TG75	1	1.97	1.88	6.79	2.20	.40	.43	LNA075M	HSW45M	100	1.50
1017625	SS150TCTG100756	TG100	1 1/2	2.36	2.50	7.56	2.68	.50	.13	LNA100M	HSW58M	150	2.12

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.

Collet chuck technical section, see page M98.

Supplied with locknut.

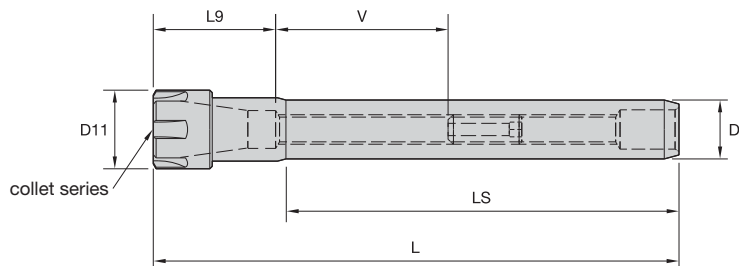
Locknut wrench must be ordered separately.

Interchangeable locknuts, coolant-style locknuts, and coolant disks are available and must be ordered separately; see pages L16-L17.

TG standard straight-bore collets, see page J10.

TG tap collets, see page J10.

- Grip (2:1 advantage).



ERICKSON™

■ ER Slim-SS MM

ER collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
ER11	0,5	7,0	.02	.28
ER16	0,5	10,0	.02	.41
ER20	0,5	13,0	.02	.50
ER25	1,0	16,0	.04	.63
ER32	1,0	20,0	.04	.79

order number	catalog number	collet series	D	D11	L	LS	L9	V	kg
1288261	SS120ER11107M	ER11	12	16	107	80	24	56	0,08
1288285	SS160ER11132M	ER11	16	16	132	100	24	56	0,16
1125015	SS200ER16182M	ER16	20	22	182	140	32	68	0,32
1288321	SS250ER20190M	ER20	25	28	190	150	36	64	0,55

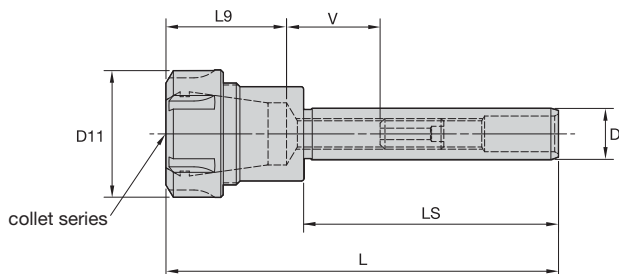
■ Spare Parts



catalog number	locknut	locknut wrench	counterbore collet torque (Nm)	straight collet torque (Nm)	stop screw	wrench size stop screw
SS120ER11107M	LER11M	ER11WEM	12	16	CSS0615M	3mm
SS200ER16182M	LER16M	ER16WEM	24	24	CSS1020M	5mm
SS250ER20190M	LER20M	ER20WEM	28	28	CSS1225M	6mm

(continued)

(ER SS MM continued)



■ ER Round-SS MM

order number	catalog number	collet series	D	D11	L	LS	L9	V	kg
1288303	SS200ER25146M	ER25	20	42	146	100	42	58	0,38
1288304	SS200ER32154M	ER32	20	50	154	100	49	51	0,51

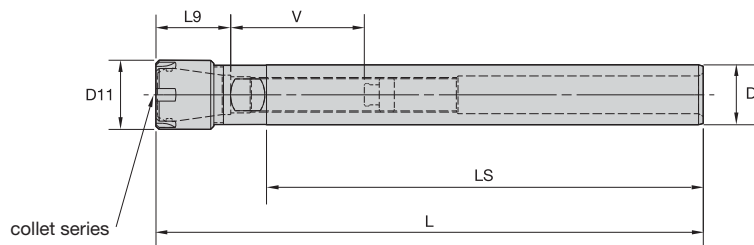
■ Spare Parts



catalog number	locknut	locknut wrench	Nm	stop screw	wrench size stop screw
SS200ER25146M	LNSER25M	ER25WM	104	CSS1225M	6mm
SS200ER32154M	LNSER32M	ER32WM	136	CSS1225M	6mm

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
ER standard straight-bore collets, see page J50.
ER tap collets, see pages J58–J59.
ER TCT tension-only tap collets, see page J60.

- Grip (2:1 advantage).



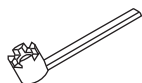
ERICKSON™

■ ER Slim-SS IN

ER collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
ER8	0,5	0,5	.02	.20
ER11	0,5	7,0	.02	.28
ER16	0,5	10,0	.02	.41
ER20	0,5	13,0	.02	.50
ER25	1,0	16,0	.04	.63

order number	catalog number	collet series	D	D11	L	LS	L9	V	lbs
1021460	SS038ER08500	ER8	3/8	.47	5.00	4.15	.71	1.42	.10
1021462	SS050ER11700	ER11	1/2	.63	7.00	5.96	.95	3.23	.26
1021494	SS075ER16700	ER16	3/4	.87	7.00	5.47	1.30	2.24	.56

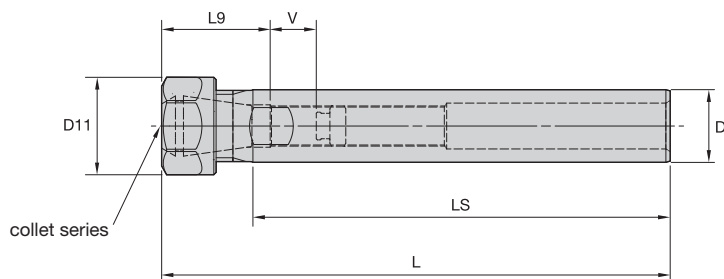
■ Spare Parts



catalog number	locknut	wrench	Nm	stop screw	wrench size stop screw
SS038ER08500	LER08M	ER08WEM	4.8	SS025031PKG	—
SS050ER11700	LER11M	ER11WEM	12.0	SS031031G	2mm & 5/64
SS075ER16700	LER16M	ER16WEM	24.0	SS044038G	4mm & 5/32

(continued)

(ER SS IN continued)



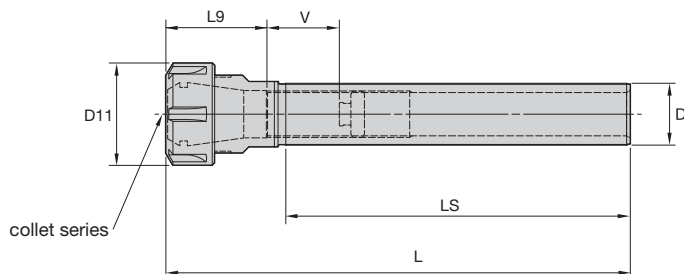
ER Hex-SS IN

order number	catalog number	collet series	D	D11	L	LS	L9	V	lbs
1021496	SS100ER20700	ER20	1.00	1.34	7.00	5.70	1.30	2.20	1.07

Spare Parts



catalog number	locknut	wrench	counterbore collet torque (ft. lbs.)	straight collet torque (ft. lbs.)	stop screw	wrench size stop screw
SS100ER20700	LNHSE20M	OEW30M	24	59	SS056041G	4mm & 5/32



ER Round-SS IN

order number	catalog number	collet series	D	D11	L	LS	L9	V	lbs
1021498	SS100ER25750	ER25	1.00	1.65	7.50	5.69	1.58	1.97	1.13

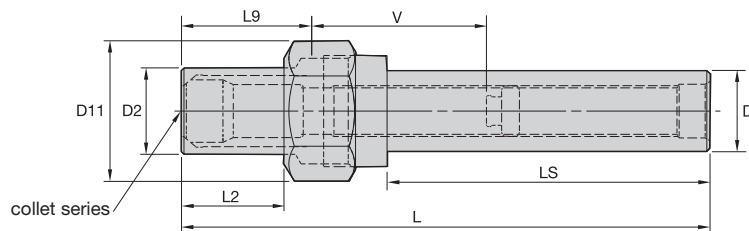
Spare Parts



catalog number	locknut	wrench	ft. lbs.	stop screw	wrench size stop screw
SS100ER25750	LNSER25M	ER25WM	77	SS075041G	4mm & 5/32

NOTE: Collet must be loaded into locknut first. Before loading into the chuck body, insert the cutting tool, then tighten to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut and stop screw.
Locknut wrench must be ordered separately.
ER standard straight-bore collets, see page J50.
ER tap collets, see pages J58-J59.
ER TCT tension-only tap collets, see page J60.

- Grip 1:1.



ERICKSON

■ DA 01-SS IN

DA collet series	Collet Capacity			
	mm		inch	
DA300	min	max	min	max
DA300	0,2	6	1/64	1/4
DA200	0,2	10	1/64	25/64
DA100	1,8	14	1/64	9/16
DA180	2,2	20	1/64	3/4

order number	catalog number	collet series	D	D2	D11	L	L2	LS	L9	V	lbs
1015309	SS050DA301544	DA300	1/2	.50	.87	5.44	.62	3.98	1.25	2.9370	.23
1015312	SS062DA301319	DA300	5/8	.50	.87	3.19	.62	1.73	1.21	1.4800	.21
1015313	SS062DA301544	DA300	5/8	.50	.87	5.44	.62	3.98	1.25	2.9410	.36
1015736	SS062DA201325	DA200	5/8	.81	1.44	3.25	.91	1.26	1.30	1.4600	.45
1015522	SS062DA201600	DA200	5/8	.81	1.44	6.00	.91	4.01	1.42	2.7559	.60
1015483	SS075DA301344	DA300	3/4	.50	.86	3.44	.61	—	1.22	1.7300	.30
1015695	SS075DA301544	DA300	3/4	.50	.86	5.44	—	3.96	1.26	3.5400	.51
1015669	SS075DA201600	DA200	3/4	.81	1.44	6.00	.91	4.01	1.11	3.0120	.71
1015601	SS075DA101650	DA100	3/4	1.06	1.73	6.50	—	3.96	1.57	4.1800	.98
1015666	SS100DA301544	DA300	1	.50	.86	5.44	.62	3.96	1.22	3.0300	.89
1015340	SS100DA201600	DA200	1	.81	1.44	6.00	.88	4.01	1.50	2.5980	1.10
1015520	SS100DA101650	DA100	1	1.06	1.73	6.50	1.26	3.96	1.69	4.0200	1.24
1015625	SS100DA181638	DA180	1	1.32	2.02	6.38	—	3.96	1.69	4.0160	1.33
1015375	SS125DA181838	DA180	1 1/4	1.32	2.02	8.38	2.42	5.96	1.73	3.9800	2.12
1015378	SS150DA201600	DA200	1 1/2	.81	1.44	6.00	—	4.01	1.50	2.6300	2.21
1015597	SS150DA181838	DA180	1 1/2	1.32	2.02	8.38	—	5.96	1.50	4.2100	3.03
1015764	SS200DA201800	DA200	2	.81	1.44	8.00	.91	6.01	1.50	2.6378	5.45
1015765	SS200DA101850	DA100	2	1.06	1.73	8.50	1.26	5.97	1.70	4.0160	5.46
1015631	SS200DA181838	DA180	2	1.32	2.02	8.38	.99	5.98	1.88	5.9060	5.41

(continued)

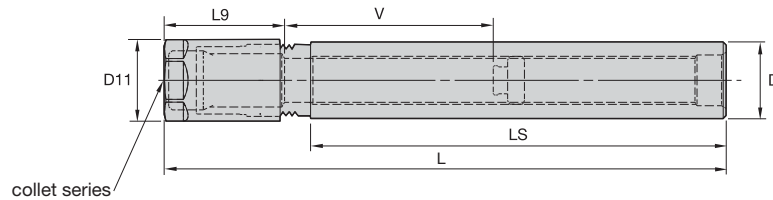
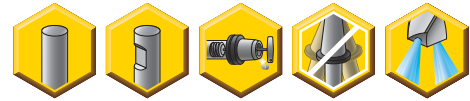
(DA 01-SS IN continued)

Spare Parts

						
catalog number	nose piece	hex locknut	locknut wrench	ft. lbs.	stop screw	wrench size stop screw
SS050DA301544	NP301	LN301	OEW075	20	SS031031G	2mm & 5/64
SS062DA301319	NP301	LN301	OEW075	20	SS031031G	2mm & 5/64
SS062DA301544	NP301	LN301	OEW075	20	SS031031G	2mm & 5/64
SS062DA201325	NP201	LN201	OEW125	40	SS038031G	2mm & 5/64
SS062DA201600	NP201	LN201	OEW125	40	SS038031G	2mm & 5/64
SS075DA301344	NP301	LN301	OEW075	20	SS031031G	2mm & 5/64
SS075DA301544	NP301	LN301	OEW075	20	SS031031G	2mm & 5/64
SS075DA201600	NP201	LN201	OEW125	40	SS044038G	4mm & 5/32
SS075DA101650	NP101	LN101	OEW150	45	SS050038G	4mm & 5/32
SS100DA301544	NP301	LN301	OEW075	20	SS031031G	2mm & 5/64
SS100DA201600	NP201	LN201	OEW125	40	SS044038G	4mm & 5/32
SS100DA101650	NP101	LN101	OEW150	45	SS062041G	4mm & 5/32
SS100DA181638	NP181	LN181	OEW175	75	SS075041G	4mm & 5/32
SS125DA181838	NP181	LN181	OEW150	75	SS081041G	4mm & 5/32
SS150DA201600	NP201	LN201	OEW125	40	SS044038G	4mm & 5/32
SS150DA181838	NP181	LN181	OEW175	75	SS081041G	4mm & 5/32
SS200DA201800	NP201	LN201	OEW125	40	SS044038G	4mm & 5/32
SS200DA101850	NP101	LN101	OEW150	45	SS062041G	4mm & 5/32
SS200DA181838	NP181	LN181	OEW175	75	SS081041G	4mm & 5/32

NOTE: Tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.

- Grip 1:1.
- Small outside diameter clearance is ideal for machining centers, close center-distance, and fixture problems.



ERICKSON

DA collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
DA000	0,65	4	—	—
DA300	0,2	6	1/64	1/4
DA200	0,2	10	1/64	25/64
DA100	1,8	14	1/64	9/16
DA180	2,2	20	1/64	3/4

■ DA 04-SS MM

order number	catalog number	collet series	D	D11	L	LS	L9	V	kg
1015043	SS080DA000132M	DA000	8,0	10,1	132	100	—	—	0,05
1015037	SS125DA304109M	DA300	12,5	14,2	109	72	33	63	0,07
1015038	SS125DA304173M	DA300	12,5	14,2	173	136	34	126	0,11
1015034	SS190DA204117M	DA200	19,1	21,5	117	74	37	65	0,19
1015013	SS190DA204181M	DA200	19,1	21,5	181	138	42	124	0,29
1015035	SS200DA204117M	DA200	20,0	21,5	117	74	38	65	0,21
1015036	SS200DA204181M	DA200	20,0	21,5	181	138	37	128	0,32
1015011	SS250DA104122M	DA100	25,0	27,0	122	73	46	61	0,29
1015012	SS250DA104186M	DA100	25,0	27,0	186	137	46	124	0,45

■ Spare Parts



catalog number	locknut	locknut wrench	Nm	stop screw	wrench size stop screw
SS080DA000132M	LN000M	OEW9M	41	—	—
SS125DA304109M	LNA304M	OEW13M	27	SS031031G	2mm & 5/64
SS125DA304173M	LNA304M	OEW13M	27	SS031031G	2mm & 5/64
SS190DA204117M	LNA204M	OEW19M	54	SS044038G	4mm & 5/32
SS190DA204181M	LNA204M	OEW19M	54	SS044038G	4mm & 5/32
SS200DA204117M	LNA204M	OEW19M	54	SS044038G	4mm & 5/32
SS200DA204181M	LNA204M	OEW19M	54	SS044038G	4mm & 5/32
SS250DA104122M	LNA104M	OEW24M	61	SS062041G	4mm & 5/32
SS250DA104186M	LNA104M	OEW24M	61	SS062041G	4mm & 5/32

(continued)

(DA 04-SS continued)

■ DA 04-SS IN

order number	catalog number	collet series	D	D11	L	LS	L9	V	lbs
1015308	SS050DA304438	DA300	1/2	.56	4.38	2.93	1.34	2.60	.17
1015311	SS050DA304681	DA300	1/2	.56	6.81	5.36	1.27	2.98	.24
1015334	SS075DA204469	DA200	3/4	.84	4.69	3.00	1.50	2.63	.42
1015337	SS075DA204712	DA200	3/4	.84	7.13	5.44	1.50	3.27	.62
1015338	SS100DA104488	DA100	1	1.06	4.88	2.95	1.69	2.56	.66
1015342	SS100DA104731	DA100	1	1.06	7.31	5.38	1.73	4.96	1.02
1015517	SS125DA184738	DA180	1 1/4	1.44	7.38	5.38	1.89	4.76	1.61
1015594	SS125DA184988	DA180	1 1/4	1.44	9.88	7.86	1.89	7.20	2.15
1015737	SS150DA404104	DA400	1 1/2	1.87	10.40	7.96	2.20	7.25	2.80
1015545	SS150DA404791	DA400	1 1/2	1.88	7.91	5.18	2.19	4.81	2.22

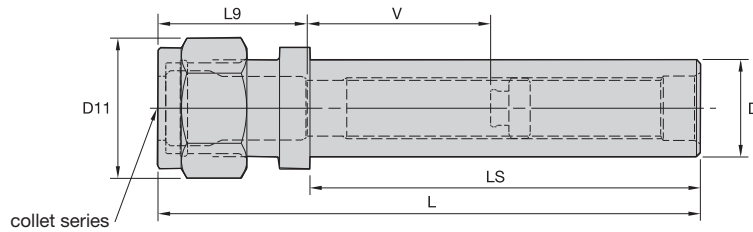
■ Spare Parts



catalog number	locknut	wrench	ft. lbs.	stop screw	wrench size stop screw
SS050DA304438	LNA304M	OEW050	20	SS031031G	2mm & 5/64
SS050DA304681	LNA304M	OEW050	20	SS031031G	2mm & 5/64
SS075DA204469	LNA204M	OEW075	40	SS044038G	4mm & 5/32
SS075DA204712	LNA204M	OEW075	40	SS044038G	4mm & 5/32
SS100DA104488	LNA104M	OEW094	45	SS062041G	4mm & 5/32
SS100DA104731	LNA104M	OEW094	45	SS062041G	4mm & 5/32
SS125DA184738	LNA184M	OEW119	60	SS081041G	4mm & 5/32
SS125DA184988	LNA184M	OEW119	60	SS081041G	4mm & 5/32
SS150DA404104	LNA404M	OEW168	64	SS112041G	4mm & 5/32
SS150DA404791	LNA404M	OEW168	64	SS112041G	4mm & 5/32

NOTE: Tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.

- Grip 1:1.
- Heavy-duty design.



DA collet series	Collet Capacity			
	mm		inch	
	min	max	min	max
DA300	0,2	6	1/64	1/4
DA200	0,2	10	1/64	25/64
DA100	1,8	14	1/64	9/16
DA180	2,2	20	1/64	3/4

■ DA 08-SS-IN

order number	catalog number	collet series	D	D11	L	LS	L9	V	lbs
1015310	SS050DA308516	DA300	1/2	.79	5.16	3.98	1.34	2.91	.22
1015519	SS062DA308516	DA300	5/8	.77	5.16	3.98	1.38	2.80	.35
1015694	SS062DA208569	DA200	5/8	1.15	5.69	4.00	1.38	2.87	.44
1015336	SS075DA308516	DA300	3/4	.79	5.16	4.24	1.97	2.62	.50
1015335	SS075DA208531	DA200	3/4	1.15	5.31	3.96	1.45	2.68	.52
1015518	SS075DA108588	DA100	3/4	1.44	5.88	4.00	1.73	3.62	.67
1015696	SS100DA308516	DA300	1	.77	5.16	3.98	1.38	2.76	.88
1015734	SS100DA208431	DA200	1	1.15	4.31	2.96	1.50	2.24	.73
1015341	SS100DA208531	DA200	1	1.15	5.31	3.95	1.46	2.68	.91
1015698	SS100DA108556	DA100	1	1.44	5.56	3.99	1.75	3.21	.90
1015339	SS100DA188638	DA180	1	1.73	6.38	4.00	1.97	3.82	1.04
1015703	SS125DA208531	DA200	1-1/4	1.15	5.31	3.96	1.50	2.59	1.40
1015343	SS125DA108556	DA100	1-1/4	1.44	5.56	3.99	1.77	3.19	1.40
1015374	SS125DA108756	DA100	1-1/4	1.44	7.56	5.99	1.77	3.94	1.92
1015376	SS125DA188762	DA180	1-1/4	1.73	7.63	5.91	1.93	5.04	1.76
1015379	SS150DA208531	DA200	1-1/2	1.15	5.31	3.96	1.50	3.22	2.02
1015629	SS150DA208731	DA200	1-1/2	1.15	7.31	5.96	1.46	2.67	2.91
1015380	SS150DA108756	DA100	1-1/2	1.44	7.56	5.99	1.77	3.94	2.83
1015381	SS150DA188762	DA180	1-1/2	1.73	7.63	5.91	1.93	5.08	2.64
1015404	SS175DA188762	DA180	1-3/4	1.73	7.63	5.91	1.93	5.08	3.70
1015405	SS200DA188762	DA180	2	1.73	7.63	5.91	1.89	5.22	4.92

(continued)

(DA 08-SS IN continued)

Spare Parts

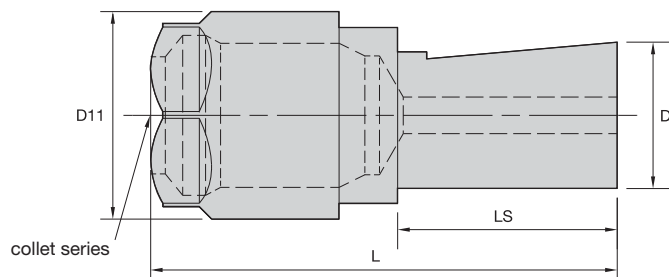




catalog number	locknut	wrench	ft. lbs.	stop screw	wrench size stop screw
SS050DA308516	LNA308M	OEW068	20	SS031031G	2mm & 5/64
SS062DA308516	LNA308M	OEW068	20	SS031031G	2mm & 5/64
SS062DA208569	NPA208	OEW100	40	SS038031G	2mm & 5/64
SS075DA308516	LNA308M	OEW068	20	SS031031G	2mm & 5/64
SS075DA208531	NPA208	OEW100	40	SS044038G	4mm & 5/32
SS075DA108588	LNA108M	OEW125	55	SS050038G	4mm & 5/32
SS100DA308516	LNA308M	OEW068	20	SS031031G	2mm & 5/64
SS100DA208431	NPA208	OEW100	40	SS044038G	4mm & 5/32
SS100DA208531	NPA208	OEW100	40	SS044038G	4mm & 5/32
SS100DA108556	LNA108M	OEW125	55	SS062041G	4mm & 5/32
SS100DA188638	NPA188	OEW150	75	SS075041G	4mm & 5/32
SS125DA208531	NPA208	OEW100	40	SS044038G	4mm & 5/32
SS125DA108556	LNA108M	OEW125	55	SS062041G	4mm & 5/32
SS125DA108756	LNA108M	OEW125	55	SS062041G	4mm & 5/32
SS125DA188762	NPA188	OEW150	75	SS081041G	4mm & 5/32
SS150DA208531	NPA208	OEW100	40	SS044038G	4mm & 5/32
SS150DA208731	NPA208	OEW100	40	SS044038G	4mm & 5/32
SS150DA108756	LNA108M	OEW125	55	SS062041G	4mm & 5/32
SS150DA188762	NPA188	OEW150	75	SS081041G	4mm & 5/32
SS175DA188762	NPA188	OEW150	75	SS081041G	4mm & 5/32
SS200DA188762	NPA188	OEW150	75	SS081041G	4mm & 5/32

NOTE: For retention tighten locknut to the recommended tightening torque.
 Collet chuck technical section, see page M98.
 Supplied with locknut and stop screw.
 Locknut wrench must be ordered separately.
 Stop screw coolant caps are available and must be ordered separately; see pages L34–L35.
 DA standard straight-bore collets, see page J62.
 DA non-pullout collets, see pages J65–J68.

- Grip 1:1.
- Industry standard Erickson™ double-angle collet system.
- Small outside diameter clearance is ideal for machining centers, close center-distance, and fixture issues.
- Solid drive/positive drive collets prevent tap slippage.
- Right- or left-hand tapping capability.
- Economical to use.



DA L collet series	mm		Collet Capacity			
	min	max	inch			
L	M5	M24	#0	7/8	1/16P	1/2P

ERICKSON™

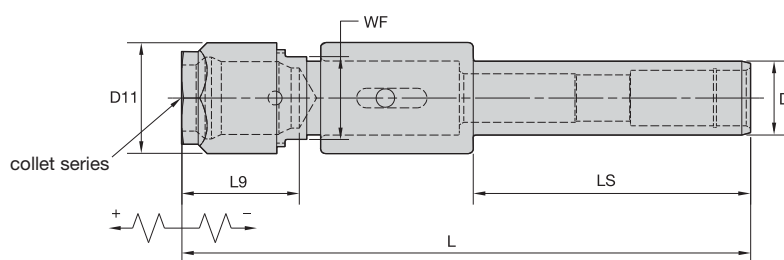
■ DA L Tap Solid-SS IN

order number	catalog number	collet series	D	D11	L	LS	locknut	ft. lbs.	wrench	lbs
1017941	SS100STL169	L	1	1.50	3.19	1.50	LNAL04M	60	OEW125	1.59



NOTE: Tighten locknut to the recommended tightening torque.
Collet chuck technical section, see page M98.
Supplied with locknut.
Locknut wrench must be ordered separately.
DA standard straight-bore collets, see page J62.

- Grip 1:1.
- Industry standard Erickson™ double-angle collet system.
- Small outside diameter clearance is ideal for use on machining centers, close center-distance, and fixture issues.
- Use for through hole tapping.
- Key drive.
- Right- or left-hand tapping capability.
- Alternate springs available to adjust tension pressure to control thread quality in a variety of workpiece conditions.
- Positive-drive collets prevent tap slippage.
- Economical to use.



ERICKSON

■ DA J, K, and L Tap T&C-SS • Inch

order number	catalog number	collet series	D	D11	L	LS	L9	tension	compression	WF	Collet Capacity			
											mm		inch	
1017581	SS075TCJ731	J	3/4	.85	7.31	5.44	1.50	.56	.19	.562	min	max	min	max
1017748	SS100TCK719	K	1	1.06	7.19	5.44	—	.56	.19	.750	#0	M12	1/16P	—
1017580	SS100TCL769	L	1	1.50	7.69	3.75	—	.56	.19	1.125	#0	M16	1/16P	1/8P
											M5	M24	7/8	1/16P 1/2P

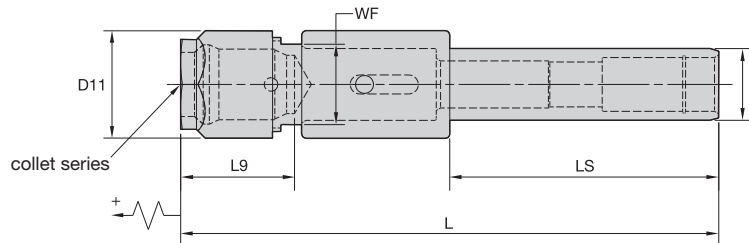
NOTE: Do not overtighten locknut; use torque recommendations above.
 Collet chuck technical section, see page M98.
 Supplied with locknut.
 Locknut wrench must be ordered separately.
 DA standard straight-bore collets, see page J62.

■ Alternate Tension Adjustment Springs for Tension and Compression Chucks

tap chuck	standard spring	alternate spring	preload (lb/in ²)
SS075TCJ731	CS0563041156PKG	—	2.37
—	—	heavier CS054001150PKG	3.50
SS100TCK719	CS0720067125PKG	—	6.75
—	—	lightest CS0563041156PKG	2.37
—	—	lightest CS0600049125PKG	3.25
—	—	heavier CS0600055150PKG	7.50
—	—	heaviest CS0600072150PKG	18.00
SS100TCL769	CS0600072150PKG	—	18.00
—	—	light CS0600055150 PKG	7.50

NOTE: There are two springs in a package.

- Grip 1:1.
- Industry standard Erickson™ double-angle collet system.
- Small outside diameter clearance is ideal for use with machining centers, close center-distance, and fixture issues.
- Use for through hole tapping.
- Solid hard start ensures tap will start at same point every time, regardless if it is sharp or dull.
- Key drive.
- Right- or left-hand tapping capability.
- Alternate springs available to adjust tension pressure to control thread quality in a variety of workpiece conditions.
- Positive-drive collets prevent tap slippage.
- Economical to use.



DA J, K, and L collet series	mm		Collet Capacity inch			
	min	max	min	max	min	max
J	M1	M12	#0	1/2	1/16P	—
K	M1	M16	#0	5/8	1/16P	1/8P
L	M5	M24	#0	7/8	1/16P	1/2P

ERICKSON™

■ DA J, K, and L Tap Tension Only-SS • Inch



order number	catalog number	collet series	D	D11	L	LS	L9	tension	WF	locknut	ft. lbs.	wrench	lbs
1017627	SS075TOJ712	J	3/4	.85	7.13	5.44	1.50	.50	.562	LNA204M	40	OE075	.72
1017629	SS100TOK700	K	1	1.06	7.00	5.44	1.47	.75	.750	LNAK04M	45	OE094	1.14
1017631	SS100TOL750	L	1	1.50	7.50	3.75	1.59	.75	1.125	LNAL04M	60	OE0125	2.08

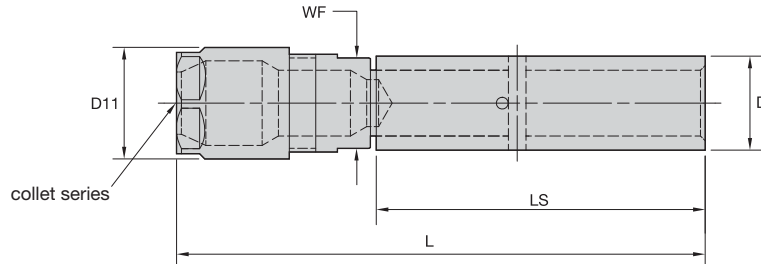
NOTE: Do not overtighten locknut; use torque recommendations above.
Collet chuck technical section, see page M98.
Supplied with locknut.
Locknut wrench must be ordered separately.
DA standard straight-bore collets, see page J62.

■ Alternate Tension Adjustment Springs for Tension-Only Chucks

tap chuck	standard spring	alternate spring	preload (lb/in²)
SS075TOJ712	CS0563041156PKG	—	2.37
—	—	heavier CS0540041150 PKG	3.50
SS100TOK700	CS0600055150PKG	—	7.50
—	—	lighter CS0563041156 PKG	2.37
SS100TOL750	CS0600049125PKG	—	3.25
—	—	heavier CS0600055150 PKG	7.50

NOTE: There are two springs in a package.

- Grip 1:1.
- Industry standard Erickson™ double-angle collet system.
- Ideal for machining centers.
- Tool holder provides 0,10mm (.004") movement in all directions to compensate for angular and parallel misalignments.
- Minimum outside diameter and overhang provide maximum tool clearance.



DA collet series	mm		inch	
	min	max	min	max
DA300	0,2	6	1/64	1/4
DA200	0,2	10	1/64	25/64
DA100	1,8	14	1/64	9/16
DA180	2,2	20	1/64	3/4

ERICKSON

■ DA 08 DP F-SS IN



order number	catalog number	collet series	D	D11	L	LS	WF	locknut	wrench	ft. lbs.	lbs
1015905	SS050DP308403	DA300	1/2	.69	4.03	2.50	.500	NPA338	OEWO62	20	.22
1015906	SS075DP308403	DA300	3/4	.69	4.03	2.50	.500	NPA338	OEWO62	20	.50
1015980	SS075DP208448	DA200	3/4	.94	4.50	3.00	.625	NPA238	OEWO88	40	.56
1015949	SS100DP308403	DA300	1	.69	4.03	2.50	.500	NPA338	OEWO62	20	.89
1015981	SS100DP208448	DA200	1	.94	4.50	3.00	.625	NPA238	OEWO88	40	.99
1015979	SS100DP108562	DA100	1	1.19	5.63	3.50	.875	NPA139	OEWO88	55	1.24
1015944	SS125DP188696	DA180	1-1/4	1.50	6.97	4.50	1.125	LNA138	OEW138	75	2.41

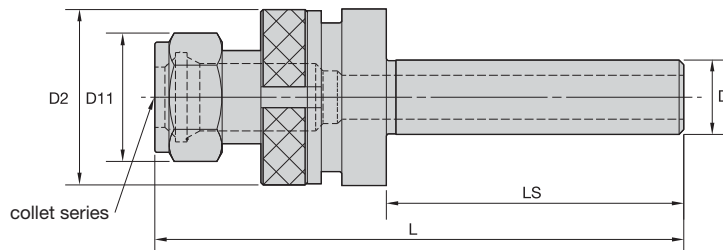
NOTE: Do not overtighten locknut; use torque recommendations above.
 Using two wrenches is recommended to prevent premature wear on the floating mechanism. Wrenches must be ordered separately.
 Collet chuck technical section, see page M98.
 Supplied with locknut.
 DA standard straight-bore collets, see page J62.

Straight Shank Tools

DA 08 FF Series Double-Angle Collet Chucks, Fully Floating Holders



- Grip 1:1.
- Industry standard Erickson™ double-angle collet system.
- Recommended only for stationary applications (lathe).
- Toolholder provides 0,25mm (.010") movement in all directions to compensate for angular and parallel misalignments.
- Hollow design enables coolant through the tool and short projection lengths.
- Adjusting nut varies spring tension to compensate for cutter weight.



DA 08 collet series	Collet Capacity		mm		inch	
	min	max	min	max	min	max
DA180	2,2	20	1/64	3/4		

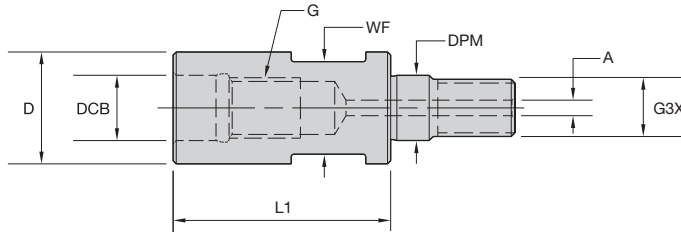
ERICKSON™

■ DA 08 FF-SS IN



order number	catalog number	collet series	D	D11	D2	L	LS	locknut	wrench	wrench	ft. lbs.	lbs
1015975	SS075FC188688	DA180	3/4	1.73	2.38	6.88	4.00	NPA188	OEWS150	HSW58M	75	.86
1015982	SS100FC188688	DA180	1	1.73	2.38	6.88	4.00	NPA188	OEWS150	HSW58M	75	1.52
1015910	SS125FC188888	DA180	1 1/4	1.73	2.38	8.88	6.00	NPA188	OEWS150	HSW58M	75	4.08
1015952	SS150FC188688	DA180	1 1/2	1.73	2.38	6.88	4.00	NPA188	OEWS150	HSW58M	75	3.44
1015947	SS150FC188888	DA180	1 1/2	1.73	2.38	8.88	6.00	NPA188	OEWS150	HSW58M	75	4.44
1015976	SS175FC188888	DA180	1 3/4	1.73	2.38	8.88	6.00	NPA188	OEWS150	HSW58M	75	6.04
1013502	SS200FC188888	DA180	2	1.73	2.38	8.88	6.00	NPA188	OEWS150	HSW58M	75	—

NOTE: Do not overtighten locknut; use torque recommendations above.
Locknut and adjusting nut wrenches must be ordered separately.
Collet chuck technical section, see page M98.
Supplied with locknut.
DA standard straight-bore collets, see page J62.

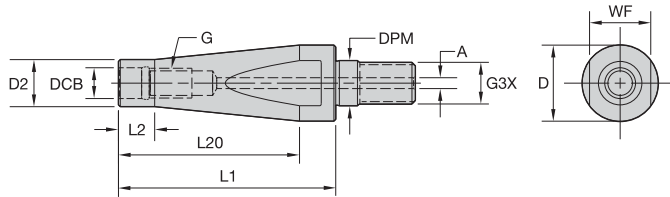


ERICKSON

■ ST Ext-ST

order number	catalog number	DCB	G	DPM	G3X	D	A	L1	WF	kg
4074158	M06MST06025M	6,5	M6	6,5	M6	9,8	2	25	7	0,01
4074159	M08MST08030M	8,5	M8	8,5	M8	13,0	2	30	10	0,03
4074160	M10MST10035M	10,5	M10	10,5	M10	18,0	3	35	15	0,06
4074161	M12MST12040M	12,5	M12	12,5	M12	21,0	3	40	17	0,10
4074162	M16MST16040M	17,0	M16	17,0	M16	29,0	4	40	22	0,18

NOTE: For Screw-On end mill cutters, see the Kennametal Innovations Master Catalog Cutting Tools 2013.



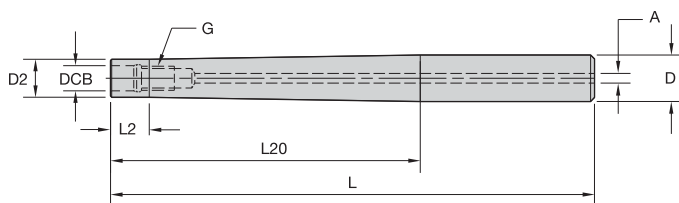
ERICKSON™

■ ST Red-ST

order number	catalog number	DCB	G	DPM	G3X	D	D2	A	L1	L2	L20	WF
4077826	M08MST06025M	6,5	M6	8,5	M8	13	10	2,0	25	10	15	10
4077815	M10MST08030M	8,5	M8	10,5	M10	18	13	2,5	30	10	20	15
4077822	M12MST06080M	6,5	M6	12,5	M12	21	10	3,0	80	10	70	17
4077818	M12MST06040M	6,5	M6	12,5	M12	21	10	3,0	40	10	30	17
4077820	M12MST10035M	10,5	M10	12,5	M12	21	18	3,0	35	10	25	17
4077816	M12MST06060M	6,5	M6	12,5	M12	21	10	3,0	60	10	50	17
4077817	M12MST08080M	8,5	M8	12,5	M12	21	13	3,0	80	10	70	17
4077819	M12MST08060M	8,5	M8	12,5	M12	21	13	3,0	60	10	50	17
4077821	M12MST08040M	8,5	M8	12,5	M12	21	13	3,0	40	10	30	17
4077825	M16MST10060M	10,5	M10	17,0	M16	29	18	4,0	60	10	50	22
4074194	M16MST12040M	12,5	M12	17,0	M16	29	21	4,0	35	10	25	22
4074193	M16MST08060M	8,5	M8	17,0	M16	29	13	4,0	60	10	50	22
4077824	M16MST10080M	10,5	M10	17,0	M16	29	18	4,0	80	10	70	22
4077823	M16MST08080M	8,5	M8	17,0	M16	29	13	4,0	80	10	70	22

NOTE: For Screw-On end mill cutters, see the Kennametal Innovations Master Catalog Cutting Tools 2013.

- Heavy metal for strength.

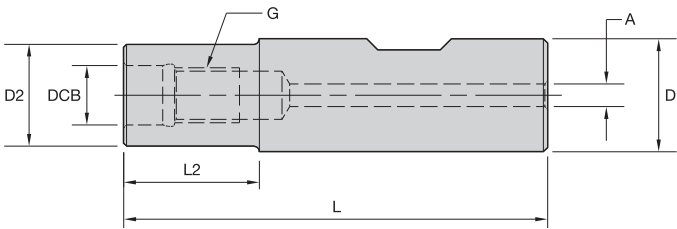


ERICKSON

■ ST EXT-SS MM

order number	catalog number	DCB	G	D	D2	A	L	L2	L20
4160427	SS120STCHM06085M	6,5	M6	12	10	2,5	85	10	40
4160428	SS120STCHM06105M	6,5	M6	12	10	2,5	105	10	60
4160430	SS120STCHM06125M	6,5	M6	12	10	2,5	125	10	80
4160431	SS160STCHM08088M	8,5	M8	16	13	3,0	88	10	40
4160473	SS160STCHM08128M	8,5	M8	16	13	3,0	128	10	80
4160432	SS160STCHM08108M	8,5	M8	16	13	3,0	108	10	60
4160474	SS160STCHM08148M	8,5	M8	16	13	3,0	148	10	100
4160475	SS160STCHM08168M	8,5	M8	16	13	3,0	168	10	120
4160480	SS200STCHM10170M	10,5	M10	20	18	3,5	170	10	130
4160479	SS200STCHM10150M	10,5	M10	20	18	3,5	150	10	100
4160478	SS200STCHM10130M	10,5	M10	20	18	3,5	130	10	80
4160477	SS200STCHM10110M	10,5	M10	20	18	3,5	110	10	60
4160476	SS200STCHM10090M	10,5	M10	20	18	3,5	90	10	40

NOTE: For Screw-On end mill cutters, see the Kennametal Innovations Master Catalog Cutting Tools 2013.

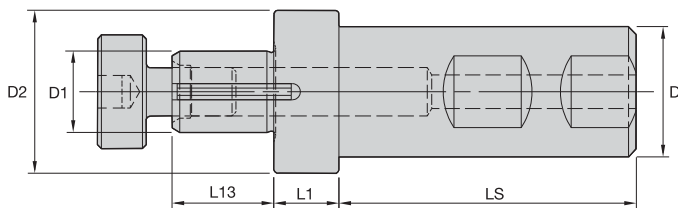


ERICKSON™

■ ST EXT-WN MM

order number	catalog number	DCB	G	D	D2	A	L	L2
4074129	M06WST10060M	6,5	M6	10	10	2	60	19
4074131	M08WST16073M	8,5	M8	16	13	4	73	24
4074132	M10WST20080M	10,5	M10	20	18	4	75	24
4074153	M12WST25086M	12,5	M12	25	21	5	86	29
4074154	M16WST32095M	17,0	M16	32	29	6	95	34

NOTE: For Screw-On end mill cutters, see the Kennametal Innovations Master Catalog Cutting Tools 2013.



ERICKSON

SA-SS IN



order number	catalog number	D	D1	D2	L1	LS	L13	lock screw	wrench size lock screw	drive key	spacing collar	lbs
1288235	SS100SA062050	1	5/8	1.25	.50	2.28	.78	KLS07	1/4	DWG SDK062088	—	.74
1288264	SS125SA100075	1 1/4	1	1.61	.75	2.28	.94	KLS10	5/16	DWG SDK100106	—	1.46
1015362	SS125SA125075	1 1/4	1 1/4	1.86	.75	2.28	1.09	KLS12	5/16	DWG SDK125119	QNB-80617B	2.05
1015363	SS150SA150100	1 1/2	1 1/2	2.11	1.00	2.69	1.70	KLS15	3/8	DWG SDK150175	—	3.28
1015384	SS200SA200100	2	2	2.75	1.00	3.25	1.70	KLS20	9/16	SDK200169	—	6.64

NOTE: Do not overtighten lock screw.
 Item 1288264 is supplied with .156" spacer.
 Item 1015362 is supplied with .250" spacer.
 Supplied with lock screw and drive key.
 Lock screw wrench not included.