



ROTARY TOOLING

SHRINK FIT HOLDER



SHRINK FIT HOLDER

CAT : ASME B5.50-2009

BT : JIS B6339/MAS 403

DUAL CONTACT SHRINK FIT HOLDER

CCT : CAT DUAL CONTACT

CBT : BT DUAL CONTACT

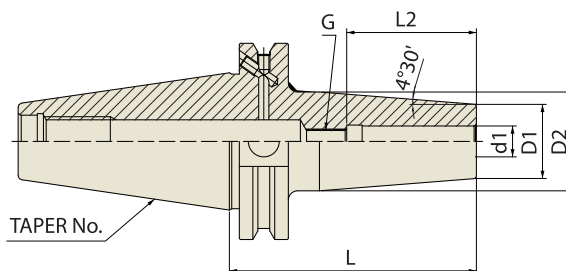
HSK : DIN 69893/ISO 12164-1

SHRINK FIT EXTENSION

ST : STRAIGHT

SHRINK FIT HOLDER

CAT



ASME B5.50 - CAT	Taper Accuracy AT3	G Value 2.5	RPM 25,000	Run-Out (at 3D) ≤0.00012"	Coolant System AD/B
---------------------	---------------------------------	-----------------------	----------------------	--	----------------------------------

ASME B5.50-2009-CAT

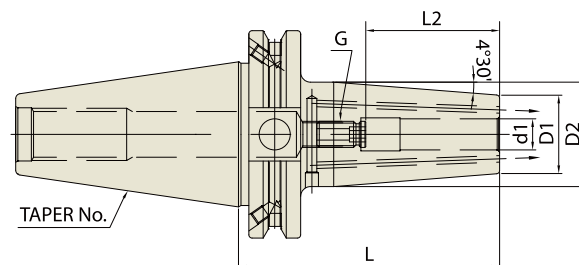
Unit : inch

EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L2	G
VK020	40	CAT40AD/B-SFH1/8-3.15	0.125	0.394	0.748	3.150	0.354	-
VK022		CAT40AD/B-SFH3/16-3.15	0.188	0.394	0.748	3.150	0.472	-
VK024		CAT40AD/B-SFH1/4-3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VK026		CAT40AD/B-SFH1/4-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VK028		CAT40AD/B-SFH3/8-3.15	0.375	0.945	1.260	3.150	1.654	M8x1.0mm
VK030		CAT40AD/B-SFH3/8-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VK032		CAT40AD/B-SFH1/2-3.15	0.500	0.945	1.260	3.150	1.811	M10x1.0mm
VK034		CAT40AD/B-SFH1/2-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VK036		CAT40AD/B-SFH5/8-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VK038		CAT40AD/B-SFH5/8-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VK040		CAT40AD/B-SFH3/4-3.15	0.750	1.299	1.654	3.150	2.047	M16x1.0mm
VK042		CAT40AD/B-SFH3/4-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VK044		CAT40AD/B-SFH1"-3.94	1.000	1.732	2.087	3.937	2.283	M16x1.0mm
VK046		CAT40AD/B-SFH1"-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VK048		CAT40AD/B-SFH 1 1/4-3.94	1.250	1.732	2.087	3.937	2.283	M16x1.0mm
VK050		CAT40AD/B-SFH 1 1/4-6.30	1.250	1.732	2.087	6.300	2.283	M16x1.0mm
VL020	50	CAT50AD/B-SFH1/8-3.15	0.125	0.394	0.748	3.150	0.354	-
VL022		CAT50AD/B-SFH3/16-3.15	0.188	0.394	0.748	3.150	0.472	-
VL024		CAT50AD/B-SFH1/4-3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VL026		CAT50AD/B-SFH1/4-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VL028		CAT50AD/B-SFH3/8-3.15	0.375	0.945	1.260	3.150	1.575	M8x1.0mm
VL030		CAT50AD/B-SFH3/8-6.30	0.375	0.945	1.260	6.300	1.575	M8x1.0mm
VL032		CAT50AD/B-SFH1/2-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VL034		CAT50AD/B-SFH1/2-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VL036		CAT50AD/B-SFH5/8-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VL038		CAT50AD/B-SFH5/8-6.3	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VL040		CAT50AD/B-SFH3/4-3.15	0.750	1.299	1.654	3.150	2.047	M16x1.0mm
VL042		CAT50AD/B-SFH3/4-6.3	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VL044		CAT50AD/B-SFH1"-3.94	1.000	1.732	2.087	3.937	2.283	M16x1.0mm
VL046		CAT50AD/B-SFH1"-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VL048		CAT50AD/B-SFH 1 1/4-3.94	1.250	1.732	2.087	3.937	2.283	M16x1.0mm
VL050		CAT50AD/B-SFH 1 1/4-6.30	1.250	1.732	2.087	6.300	2.283	M16x1.0mm

SHRINK FIT HOLDER (COOLANT CHANNEL TYPE) **NEW**

CAT

Shrink Fit
Holder



ASME B5.50
-CAT

Taper
Accuracy
AT3

G Value
2.5

RPM
25,000

Run-Out
(at 3D)
≤0.00012"

Coolant
System
AD/B+C

ASME B5.50-2009-CAT

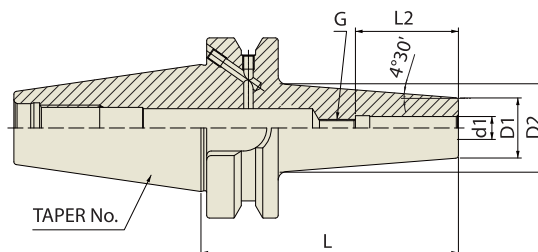
Unit : inch

EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L2	G
VK028J	40	CAT40AD/B-SFH3/8C-3.15	0.375	0.945	1.260	3.150	1.654	M8x1.0mm
VK030J		CAT40AD/B-SFH3/8C-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VK032J		CAT40AD/B-SFH1/2C-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VK034J		CAT40AD/B-SFH1/2C-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VK036J		CAT40AD/B-SFH5/8C-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VK038J		CAT40AD/B-SFH5/8C-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VK040J		CAT40AD/B-SFH3/4C-3.15	0.750	1.299	1.654	3.150	2.047	M16x1.0mm
VK042J		CAT40AD/B-SFH3/4C-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VK044J		CAT40AD/B-SFH1C-3.94	1.000	1.732	2.087	3.940	2.283	M16x1.0mm
VK046J		CAT40AD/B-SFH1C-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VK048J		CAT40AD/B-SFH 1 1/4C-3.94	1.250	1.732	2.087	3.940	2.283	M16x1.0mm
VK050J		CAT40AD/B-SFH 1 1/4C-6.30	1.250	1.732	2.087	6.300	2.283	M16x1.0mm
VL028J	50	CAT50AD/B-SFH3/8C-3.15	0.375	0.945	1.260	3.150	1.575	M8x1.0mm
VL030J		CAT50AD/B-SFH3/8C-6.30	0.375	0.945	1.260	6.300	1.575	M8x1.0mm
VL032J		CAT50AD/B-SFH1/2C-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VL034J		CAT50AD/B-SFH1/2C-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VL036J		CAT50AD/B-SFH5/8C-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VL038J		CAT50AD/B-SFH5/8C-6.3	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VL040J		CAT50AD/B-SFH3/4C-3.15	0.750	1.299	1.654	3.150	2.047	M16x1.0mm
VL042J		CAT50AD/B-SFH3/4C-6.3	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VL044J		CAT50AD/B-SFH1C-3.94	1.000	1.732	2.087	3.940	2.283	M16x1.0mm
VL046J		CAT50AD/B-SFH1C-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VL048J		CAT50AD/B-SFH 1 1/4C-3.94	1.250	1.732	2.087	3.940	2.283	M16x1.0mm
VL050J		CAT50AD/B-SFH 1 1/4C-6.30	1.250	1.732	2.087	6.300	2.283	M16x1.0mm

* Effective cooling by coolant through cooling channel bores.

SHRINK FIT HOLDER

BT



JIS B6339
- BT

Taper
Accuracy
AT3

G Value
2.5

RPM
25,000

Run-Out
(at 3D)
≤0.00012"

Coolant
System
AD or AD/B

JIS B6339/MAS 403-BT

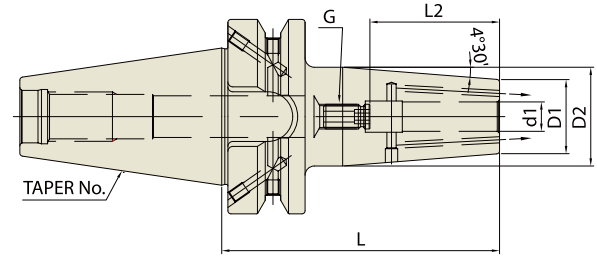
Unit : inch

EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L2	G
VG020	30	BT30-SFH1/8-2.36	0.125	0.394	0.629	2.362	0.354	-
VG022		BT30-SFH3/16-2.36	0.188	0.394	0.629	2.362	0.472	-
VG024		BT30-SFH1/4-2.36	0.250	0.827	1.062	2.362	1.417	M5x0.8mm
VG026		BT30-SFH3/8-2.36	0.375	0.945	1.180	2.362	1.654	M8x1.0mm
VG028		BT30-SFH1/2-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VG030		BT30-SFH5/8-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VG032		BT30-SFH3/4-3.54	0.750	1.299	1.654	3.543	2.008	M16x1.0mm
VH020	40	BT40AD/B-SFH1/8-3.54	0.125	0.394	0.748	3.543	0.354	-
VH022		BT40AD/B-SFH3/16-3.54	0.188	0.394	0.748	3.543	0.472	-
VH024		BT40AD/B-SFH1/4-3.54	0.250	0.827	1.063	3.543	1.417	M5x0.8mm
VH026		BT40AD/B-SFH1/4-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VH028		BT40AD/B-SFH3/8-3.54	0.375	0.945	1.260	3.543	1.654	M8x1.0mm
VH030		BT40AD/B-SFH3/8-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VH032		BT40AD/B-SFH1/2-3.54	0.500	0.945	1.260	3.543	1.850	M10x1.0mm
VH034		BT40AD/B-SFH1/2-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VH036		BT40AD/B-SFH5/8-3.54	0.625	1.063	1.339	3.543	1.969	M12x1.0mm
VH038		BT40AD/B-SFH5/8-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VH040		BT40AD/B-SFH3/4-3.54	0.750	1.299	1.654	3.543	2.047	M16x1.0mm
VH042		BT40AD/B-SFH3/4-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VH044		BT40AD/B-SFH1"-3.94	1.000	1.732	2.087	3.937	2.283	M16x1.0mm
VH046		BT40AD/B-SFH1"-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm

SHRINK FIT HOLDER (COOLANT CHANNEL TYPE) **NEW**

BT

Shrink Fit
Holder



JIS B6339
- BT

Taper
Accuracy
AT3

G Value
2.5

RPM
25,000

Run-Out
(at 3D)
≤0.00012"

Coolant
System
**AD+C or
AD/B+C**

JIS B6339/MAS 403-BT

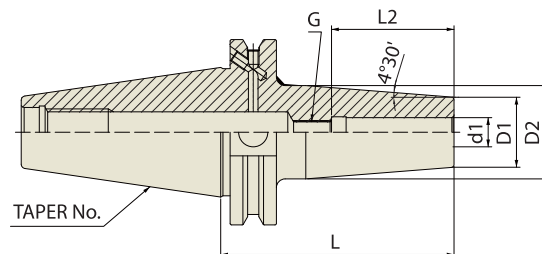
Unit : inch

EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L2	G
VG024J	30	BT30-SFH1/4C-2.36	0.250	0.827	1.063	2.360	1.417	M5x0.8mm
VG026J		BT30-SFH3/8C-2.36	0.375	0.945	1.180	2.360	1.654	M8x1.0mm
VG028J		BT30-SFH1/2C-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VG030J		BT30-SFH5/8C-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VG032J		BT30-SFH3/4C-3.54	0.750	1.299	1.654	3.540	2.008	M16x1.0mm
VH024J	40	BT40AD/B-SFH1/4C-3.54	0.250	0.827	1.063	3.540	1.417	M5x0.8mm
VH026J		BT40AD/B-SFH1/4C-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VH028J		BT40AD/B-SFH3/8C-3.54	0.375	0.945	1.260	3.540	1.654	M8x1.0mm
VH030J		BT40AD/B-SFH3/8C-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VH032J		BT40AD/B-SFH1/2C-3.54	0.500	0.945	1.260	3.540	1.850	M10x1.0mm
VH034J		BT40AD/B-SFH1/2C-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VH036J		BT40AD/B-SFH5/8C-3.54	0.625	1.063	1.339	3.540	1.969	M12x1.0mm
VH038J		BT40AD/B-SFH5/8C-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VH040J		BT40AD/B-SFH3/4C-3.54	0.750	1.299	1.654	3.540	2.047	M16x1.0mm
VH042J		BT40AD/B-SFH3/4C-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VH044J		BT40AD/B-SFH1C-3.94	1.000	1.732	2.087	3.940	2.283	M16x1.0mm
VH046J		BT40AD/B-SFH1C-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm

* Effective cooling by coolant through cooling channel bores.

DUAL CONTACT SHRINK FIT HOLDER

CCT



CCT

Taper Accuracy
AT3

G Value
2.5

RPM
25,000

Run-Out (at 3D)
≤0.00012"

Coolant System
AD/B

CCT (CAT DUAL CONTACT)

Unit : inch

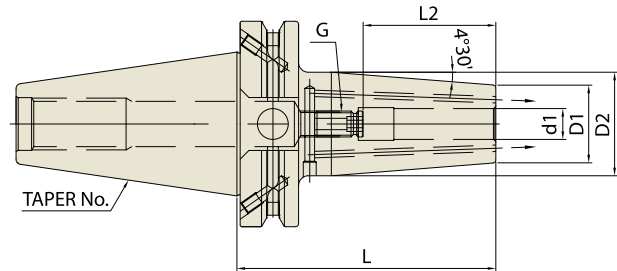
EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L2	G
VB020	40	CCT40AD/B-SFH1/8-3.15	0.125	0.394	0.748	3.150	0.354	-
VB022		CCT40AD/B-SFH3/16-3.15	0.188	0.394	0.748	3.150	0.472	-
VB024		CCT40AD/B-SFH1/4-3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VB026		CCT40AD/B-SFH1/4-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VB028		CCT40AD/B-SFH3/8-3.15	0.375	0.945	1.260	3.150	1.654	M8x1.0mm
VB030		CCT40AD/B-SFH3/8-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VB032		CCT40AD/B-SFH1/2-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VB034		CCT40AD/B-SFH1/2-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VB036		CCT40AD/B-SFH5/8-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VB038		CCT40AD/B-SFH5/8-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VB040		CCT40AD/B-SFH3/4-3.15	0.750	1.299	1.654	3.150	2.047	M16x1.0mm
VB042		CCT40AD/B-SFH3/4-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VB044		CCT40AD/B-SFH1"-3.94	1.000	1.732	2.087	3.937	2.283	M16x1.0mm
VB046		CCT40AD/B-SFH1"-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VB048		CCT40AD/B-SFH1 1/4-3.94	1.250	1.732	2.087	3.937	2.283	M16x1.0mm
VB050		CCT40AD/B-SFH1 1/4-6.30	1.250	1.732	2.087	6.300	2.283	M16x1.0mm
VC020	50	CCT50AD/B-SFH1/8-3.15	0.125	0.394	0.748	3.150	0.354	-
VC022		CCT50AD/B-SFH3/16-3.15	0.188	0.394	0.748	3.150	0.472	-
VC024		CCT50AD/B-SFH1/4-3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VC026		CCT50AD/B-SFH1/4-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VC028		CCT50AD/B-SFH3/8-3.15	0.375	0.945	1.260	3.150	1.575	M8x1.0mm
VC030		CCT50AD/B-SFH3/8-6.30	0.375	0.945	1.260	6.300	1.575	M8x1.0mm
VC032		CCT50AD/B-SFH1/2-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VC034		CCT50AD/B-SFH1/2-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VC036		CCT50AD/B-SFH5/8-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VC040		CCT50AD/B-SFH5/8-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VC042		CCT50AD/B-SFH3/4-3.15	0.750	1.299	1.654	3.150	2.047	M16x1.0mm
VC044		CCT50AD/B-SFH3/4-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VC046		CCT50AD/B-SFH1"-3.94	1.000	1.732	2.087	3.937	2.283	M16x1.0mm
VC048		CCT50AD/B-SFH1"-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VC050		CCT50AD/B-SFH1 1/4-3.94	1.250	1.732	2.087	3.937	2.283	M16x1.0mm
VC052		CCT50AD/B-SFH1 1/4-6.30	1.250	1.732	2.087	6.300	2.283	M16x1.0mm

DUAL CONTACT SHRINK FIT HOLDER **NEW**

(COOLANT CHANNEL TYPE)

CCT

Shrink Fit
Holder



CCT	Taper Accuracy	G Value	RPM	Run-Out (at 3D)	Coolant System
	AT3	2.5	25,000	≤0.00012"	AD/B+C

CCT (CAT DUAL CONTACT)

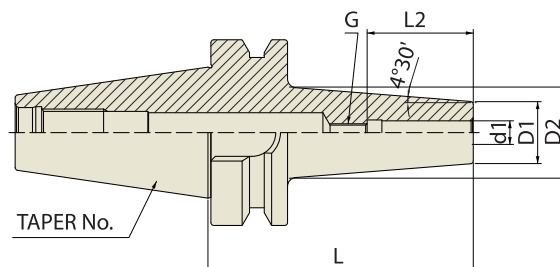
Unit : inch

EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L2	G
VB024J	40	CCT40AD/B-SFH1/4C-3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VB026J		CCT40AD/B-SFH1/4C-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VB028J		CCT40AD/B-SFH3/8C-3.15	0.375	0.945	1.260	3.150	1.654	M8x1.0mm
VB030J		CCT40AD/B-SFH3/8C-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VB032J		CCT40AD/B-SFH1/2C-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VB034J		CCT40AD/B-SFH1/2C-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VB036J		CCT40AD/B-SFH5/8C-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VB038J		CCT40AD/B-SFH5/8C-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VB040J		CCT40AD/B-SFH3/4C-3.15	0.750	1.299	1.654	3.150	2.047	M16x1.0mm
VB042J		CCT40AD/B-SFH3/4C-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VB044J		CCT40AD/B-SFH1C-3.94	1.000	1.732	2.087	3.940	2.283	M16x1.0mm
VB046J		CCT40AD/B-SFH1C-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VB048J		CCT40AD/B-SFH1 1/4C-3.94	1.250	1.732	2.087	3.940	2.283	M16x1.0mm
VB050J		CCT40AD/B-SFH1 1/4C-6.30	1.250	1.732	2.087	6.300	2.283	M16x1.0mm
VC024J	50	CCT50AD/B-SFH1/4C-3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VC026J		CCT50AD/B-SFH1/4C-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VC028J		CCT50AD/B-SFH3/8C-3.15	0.375	0.945	1.260	3.150	1.654	M8x1.0mm
VC030J		CCT50AD/B-SFH3/8C-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VC032J		CCT50AD/B-SFH1/2C-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VC034J		CCT50AD/B-SFH1/2C-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VC036J		CCT50AD/B-SFH5/8C-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VC038J		CCT50AD/B-SFH5/8C-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VC040J		CCT50AD/B-SFH3/4C-3.15	0.750	1.299	1.654	3.150	2.047	M16x1.0mm
VC042J		CCT50AD/B-SFH3/4C-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VC044J		CCT50AD/B-SFH1C-3.94	1.000	1.732	2.087	3.940	2.283	M16x1.0mm
VC046J		CCT50AD/B-SFH1C-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VC048J		CCT50AD/B-SFH1 1/4C-3.94	1.250	1.732	2.087	3.940	2.283	M16x1.0mm
VC050J		CCT50AD/B-SFH1 1/4C-6.30	1.250	1.732	2.087	6.300	2.283	M16x1.0mm

* Effective cooling by coolant through cooling channel bores.

DUAL CONTACT SHRINK FIT HOLDER

CBT



CBT

Taper Accuracy
AT3

G Value
2.5

RPM
25,000

Run-Out (at 3D)
≤0.00012"

Coolant System
AD

CBT (BT DUAL CONTACT)

Unit : inch

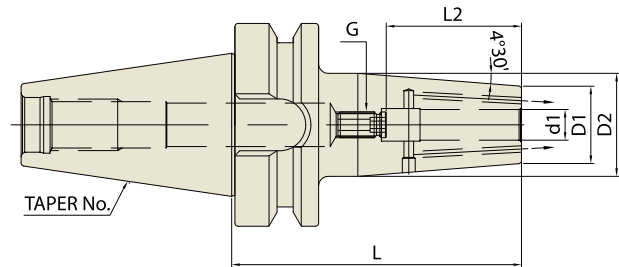
EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L2	G
VD020	30	CBT30-SFH1/8-2.36	0.125	0.394	0.629	2.362	0.354	-
VD022		CBT30-SFH3/16-2.36	0.188	0.394	0.629	2.362	0.472	-
VD024		CBT30-SFH1/4-2.36	0.250	0.827	1.062	2.362	1.417	M5x0.8mm
VD026		CBT30-SFH3/8-2.36	0.375	0.945	1.180	2.362	1.614	M8x1.0mm
VD028		CBT30-SFH1/2-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VD030		CBT30-SFH5/8-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VD032		CBT30-SFH3/4-3.54	0.750	1.299	1.654	3.543	2.047	M16x1.0mm
VE020	40	CBT40-SFH1/8-3.54	0.125	0.394	0.748	3.543	0.354	-
VE022		CBT40-SFH3/16-3.54	0.188	0.394	0.748	3.543	0.472	-
VE024		CBT40-SFH1/4-3.54	0.250	0.827	1.063	3.543	1.417	M5x0.8mm
VE026		CBT40-SFH1/4-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VE028		CBT40-SFH3/8-3.54	0.375	0.945	1.260	3.543	1.654	M8x1.0mm
VE030		CBT40-SFH3/8-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VE032		CBT40-SFH1/2-3.54	0.500	0.945	1.260	3.543	1.850	M10x1.0mm
VE034		CBT40-SFH1/2-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VE036		CBT40-SFH5/8-3.54	0.625	1.063	1.339	3.543	1.969	M12x1.0mm
VE038		CBT40-SFH5/8-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VE040		CBT40-SFH3/4-3.54	0.750	1.299	1.654	3.543	2.047	M16x1.0mm
VE042		CBT40-SFH3/4-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VE044		CBT40-SFH1"-3.94	1.000	1.732	2.087	3.937	2.283	M16x1.0mm
VE046		CBT40-SFH1"-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm

DUAL CONTACT SHRINK FIT HOLDER **NEW**

(COOLANT CHANNEL TYPE)

CBT

Shrink Fit
Holder



CBT	Taper Accuracy AT3	G Value 2.5	RPM 25,000	Run-Out (at 3D) ≤0.00012"	Coolant System AD+C
-----	------------------------------	-----------------------	----------------------	-------------------------------------	-------------------------------

CBT (BT DUAL CONTACT)

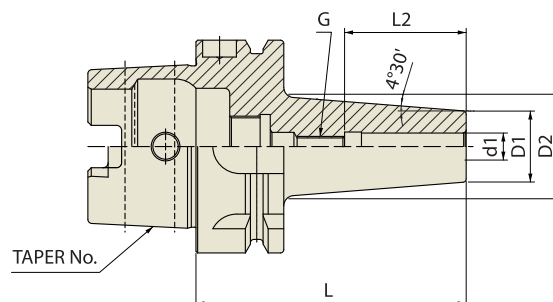
Unit : inch

EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L2	G
VD024J	30	CBT30-SFH1/4C-2.36	0.250	0.827	1.062	2.360	1.417	M5x0.8mm
VD026J		CBT30-SFH3/8C-2.36	0.375	0.945	1.180	2.360	1.614	M8x1.0mm
VD028J		CBT30-SFH1/2C-3.15	0.500	0.945	1.260	3.150	1.850	M10x1.0mm
VD030J		CBT30-SFH5/8C-3.15	0.625	1.063	1.339	3.150	1.969	M12x1.0mm
VD032J		CBT30-SFH3/4C-3.54	0.750	1.299	1.654	3.540	2.047	M16x1.0mm
VE024J	40	CBT40-SFH1/4C-3.54	0.250	0.827	1.063	3.540	1.417	M5x0.8mm
VE026J		CBT40-SFH1/4C-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VE028J		CBT40-SFH3/8C-3.54	0.375	0.945	1.260	3.540	1.654	M8x1.0mm
VE030J		CBT40-SFH3/8C-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VE032J		CBT40-SFH1/2C-3.54	0.500	0.945	1.260	3.540	1.850	M10x1.0mm
VE034J		CBT40-SFH1/2C-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VE036J		CBT40-SFH5/8C-3.54	0.625	1.063	1.339	3.540	1.969	M12x1.0mm
VE038J		CBT40-SFH5/8C-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VE040J		CBT40-SFH3/4C-3.54	0.750	1.299	1.654	3.540	2.047	M16x1.0mm
VE042J		CBT40-SFH3/4C-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VE044J		CBT40-SFH1C-3.94	1.000	1.732	2.087	3.940	2.283	M16x1.0mm
VE046J		CBT40-SFH1C-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm

* Effective cooling by coolant through cooling channel bores.

DUAL CONTACT SHRINK FIT HOLDER

HSK



DIN 69893
- HSK

Taper Accuracy
AT3

G Value
2.5

RPM
25,000

Run-Out (at 3D)
≤0.00012"

Coolant System
AD

DIN 69893/ISO 12164-1-HSK FORM A

Unit : inch

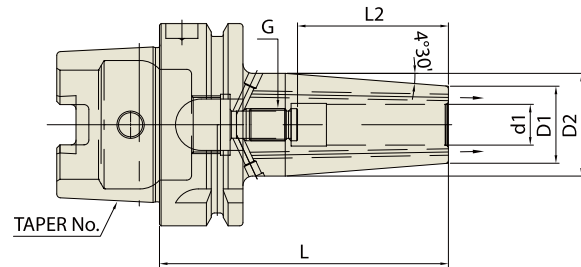
EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L2	G
VQ020	63A	HSK63A-SFH1/8-3.15	0.125	0.394	0.728	3.150	0.354	-
VQ022		HSK63A-SFH3/16-3.15	0.188	0.394	0.728	3.150	0.472	-
VQ024		HSK63A-SFH1/4-3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VQ026		HSK63A-SFH1/4-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VQ028		HSK63A-SFH3/8-3.35	0.375	0.945	1.260	3.346	1.654	M8x1.0mm
VQ030		HSK63A-SFH3/8-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VQ032		HSK63A-SFH1/2-3.54	0.500	0.945	1.260	3.543	1.850	M10x1.0mm
VQ034		HSK63A-SFH1/2-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VQ036		HSK63A-SFH5/8-3.74	0.625	1.063	1.339	3.740	1.969	M12x1.0mm
VQ038		HSK63A-SFH5/8-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VQ040		HSK63A-SFH3/4-3.94	0.750	1.299	1.654	3.937	2.047	M16x1.0mm
VQ042		HSK63A-SFH3/4-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VQ046		HSK63A-SFH1"-4.53	1.000	1.732	2.087	4.528	2.283	M16x1.0mm
VQ048		HSK63A-SFH1"-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VR020	100A	HSK100A-SFH1/8-3.15	0.125	0.394	0.648	3.150	0.354	-
VR022		HSK100A-SFH3/16-3.15	0.188	0.394	0.648	3.150	0.472	-
VR023		HSK100A-SFH1/4-3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VR024		HSK100A-SFH3/8-3.54	0.375	0.945	1.260	3.543	1.654	M8x1.0mm
VR026		HSK100A-SFH3/8-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VR028		HSK100A-SFH1/2-3.74	0.500	0.945	1.260	3.740	1.850	M10x1.0mm
VR030		HSK100A-SFH1/2-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VR032		HSK100A-SFH5/8-3.94	0.625	1.063	1.339	3.937	1.969	M12x1.0mm
VR034		HSK100A-SFH5/8-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VR036		HSK100A-SFH3/4-4.13	0.750	1.299	1.654	4.134	2.047	M16x1.0mm
VR038		HSK100A-SFH3/4-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VR040		HSK100A-SFH1"-4.53	1.000	1.732	2.087	4.528	2.283	M16x1.0mm
VR042		HSK100A-SFH1"-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VR044		HSK100A-SFH1 1/4-4.72	1.250	1.732	2.087	4.724	2.283	M16x1.0mm
VR046		HSK100A-SFH1 1/4"-6.30	1.250	1.732	2.087	6.300	2.283	M16x1.0mm

DUAL CONTACT SHRINK FIT HOLDER **NEW**

(COOLANT CHANNEL TYPE)

HSK

Shrink Fit
Holder



DIN 69893
- HSK

Taper
Accuracy
AT3

G Value
2.5

RPM
25,000

Run-Out
(at 3D)
≤0.00012"

Coolant
System
AD+C

DIN 69893/ISO 12164-1-HSK FORM A

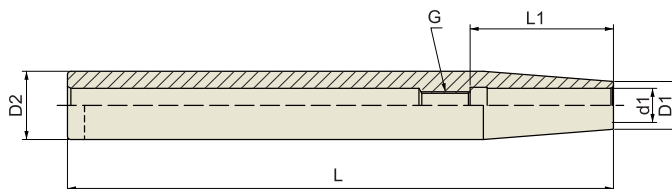
Unit : inch

EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L2	G
VQ024J	63A	HSK63A-SFH1/4C-3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VQ026J		HSK63A-SFH1/4C-6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VQ028J		HSK63A-SFH3/8C-3.35	0.375	0.945	1.260	3.350	1.654	M8x1.0mm
VQ030J		HSK63A-SFH3/8C-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VQ032J		HSK63A-SFH1/2C-3.54	0.500	0.945	1.260	3.540	1.850	M10x1.0mm
VQ034J		HSK63A-SFH1/2C-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VQ036J		HSK63A-SFH5/8C-3.74	0.625	1.063	1.339	3.740	1.969	M12x1.0mm
VQ038J		HSK63A-SFH5/8C-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VQ040J		HSK63A-SFH3/4C-3.94	0.750	1.299	1.654	3.940	2.047	M16x1.0mm
VQ042J		HSK63A-SFH3/4C-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VQ046J		HSK63A-SFH1C-4.53	1.000	1.732	2.087	4.530	2.283	M16x1.0mm
VQ048J		HSK63A-SFH1C-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VR023J	100A	HSK100A-SFH1/4C-3.54	0.250	0.827	1.063	3.540	1.417	M5x0.8mm
VR024J		HSK100A-SFH3/8C-3.54	0.375	0.945	1.260	3.540	1.654	M8x1.0mm
VR026J		HSK100A-SFH3/8C-6.30	0.375	0.945	1.260	6.300	1.654	M8x1.0mm
VR028J		HSK100A-SFH1/2C-3.74	0.500	0.945	1.260	3.740	1.850	M10x1.0mm
VR030J		HSK100A-SFH1/2C-6.30	0.500	0.945	1.260	6.300	1.850	M10x1.0mm
VR032J		HSK100A-SFH5/8C-3.94	0.625	1.063	1.339	3.940	1.969	M12x1.0mm
VR034J		HSK100A-SFH5/8C-6.30	0.625	1.063	1.339	6.300	1.969	M12x1.0mm
VR036J		HSK100A-SFH3/4C-4.13	0.750	1.299	1.654	4.130	2.047	M16x1.0mm
VR038J		HSK100A-SFH3/4C-6.30	0.750	1.299	1.654	6.300	2.047	M16x1.0mm
VR040J		HSK100A-SFH1C-4.53	1.000	1.732	2.087	4.530	2.283	M16x1.0mm
VR042J		HSK100A-SFH1C-6.30	1.000	1.732	2.087	6.300	2.283	M16x1.0mm
VR044J		HSK100A-SFH1 1/4C-4.72	1.250	1.732	2.087	4.720	2.283	M16x1.0mm
VR046J		HSK100A-SFH1 1/4C-6.30	1.250	1.732	2.087	6.300	2.283	M16x1.0mm

* Effective cooling by coolant through cooling channel bores.

SHRINK FIT EXTENSION

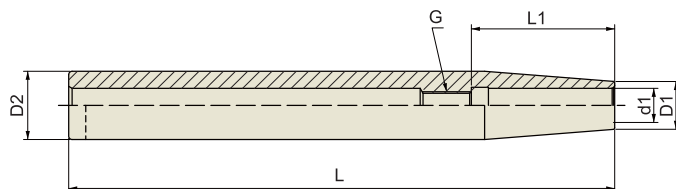
ST



INCH

Unit : inch

EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L1	G
VS010	ST1/2	ST1/2-SFH1/8-6.30	0.125	0.394	0.500	6.300	0.354	-
VS011		ST1/2-SFH3/16-6.30	0.188	0.394	0.500	6.300	0.472	-
VS012		ST1/2-SFH1/4-6.30	0.250	0.394	0.500	6.300	1.417	M5x0.8mm
VS020	ST5/8	ST5/8-SFH1/8-6.30	0.125	0.394	0.625	6.300	0.354	-
VS021		ST5/8-SFH3/16-6.30	0.188	0.394	0.625	6.300	0.472	-
VS022		ST5/8-SFH1/4-6.30	0.250	0.394	0.625	6.300	1.417	M5x0.8mm
VS023		ST5/8-SFH5/16-6.30	0.313	0.472	0.625	6.300	1.535	M6x1.0mm
VS030	ST3/4	ST3/4-SFH1/8-6.30	0.125	0.394	0.750	6.300	0.354	-
VS031		ST3/4-SFH3/16-6.30	0.188	0.394	0.750	6.300	0.472	-
VS032		ST3/4-SFH1/4-6.30	0.250	0.551	0.750	6.300	1.417	M5x0.8mm
VS033		ST3/4-SFH5/16-6.30	0.313	0.551	0.750	6.300	1.417	M6x1.0mm
VS034		ST3/4-SFH3/8-6.30	0.375	0.551	0.750	6.300	1.654	M8x1.0mm
VS035		ST3/4-SFH1/2-6.30	0.500	0.630	0.750	6.300	1.850	M10x1.0mm
VS040	ST1	ST1-SFH1/8-6.30	0.125	0.394	1.000	6.300	0.354	-
VS041		ST1-SFH3/16-6.30	0.188	0.394	1.000	6.300	0.472	-
VS042		ST1-SFH1/4-6.30	0.250	0.551	1.000	6.300	1.417	M5x0.8mm
VS043		ST1-SFH5/16-6.30	0.313	0.551	1.000	6.300	1.417	M6x1.0mm
VS044		ST1-SFH3/8-6.30	0.375	0.787	1.000	6.300	1.654	M8x1.0mm
VS045		ST1-SFH1/2-6.30	0.500	0.787	1.000	6.300	1.850	M10x1.0mm
VS046		ST1-SFH5/8-6.30	0.625	0.866	1.000	6.300	1.929	M12x1.0mm
VS050	ST1-1/4	ST1-1/4-SFH1/8-6.30	0.125	0.394	1.250	6.300	0.354	-
VS051		ST1-1/4-SFH3/16-6.30	0.188	0.394	1.250	6.300	0.472	-
VS052		ST1-1/4-SFH1/4-6.30	0.250	0.551	1.250	6.300	1.417	M5x0.8mm
VS053		ST1-1/4-SFH5/16-6.30	0.313	0.551	1.250	6.300	1.417	M6x1.0mm
VS054		ST1-1/4-SFH3/8-6.30	0.375	0.945	1.250	6.300	1.654	M8x1.0mm
VS055		ST1-1/4-SFH1/2-6.30	0.500	0.945	1.250	6.300	1.850	M10x1.0mm
VS056		ST1-1/4-SFH5/8-6.30	0.625	1.063	1.250	6.300	1.929	M12x1.0mm
VS057		ST1-1/4-SFH3/4-6.30	0.750	1.063	1.250	6.300	2.008	M16x1.0mm



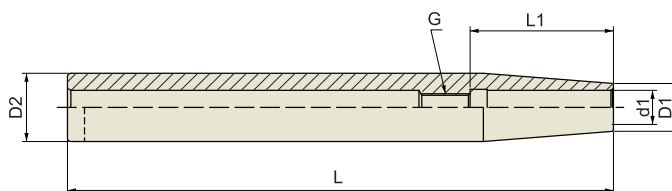
METRIC (STANDARD)

Unit : mm

EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L1	G
VS010M	12	ST12-SFH3-120	3	8	12	120	10	-
VS011M		ST12-SFH4-120	4	8	12	120	12	-
VS012M		ST12-SFH5-120	5	10	12	120	15	-
VS013M		ST12-SFH6-120	6	10	12	120	36	M5×0.8
VS020M	16	ST16-SFH3-120	3	10	16	120	10	-
VS021M		ST16-SFH4-120	4	10	16	120	12	-
VS022M		ST16-SFH5-120	5	10	16	120	15	-
VS023M		ST16-SFH6-120	6	10	16	120	36	M5×0.8
VS024M		ST16-SFH8-120	8	12	16	120	36	M6×1.0
VS030M	20	ST20-SFH3-120	3	10	20	120	10	-
VS031M		ST20-SFH4-120	4	10	20	120	12	-
VS032M		ST20-SFH5-120	5	10	20	120	15	-
VS033M		ST20-SFH6-120	6	10	20	120	36	M5×0.8
VS034M		ST20-SFH8-120	8	12	20	120	36	M6×1.0
VS035M		ST20-SFH10-120	10	14	20	120	41.5	M8×1.0
VS036M		ST20-SFH12-120	12	16	20	120	46	M10×1.0

SHRINK FIT EXTENSION

ST



METRIC (EXTENDED)

Unit : mm

EDP No.	TAPER No.	MODEL No.	d1	D1	D2	L	L1	G
VS110M	12	ST12-SFH3-160	3	8	12	160	10	-
VS111M		ST12-SFH4-160	4	8	12	160	12	-
VS112M		ST12-SFH5-160	5	10	12	160	15	-
VS113M		ST12-SFH6-160	6	10	12	160	36	M5×0.8
VS210M	16	ST16-SFH3-160	3	10	16	160	10	-
VS211M		ST16-SFH4-160	4	10	16	160	12	-
VS212M		ST16-SFH5-160	5	10	16	160	15	-
VS213M		ST16-SFH6-160	6	10	16	160	36	M5×0.8
VS214M		ST16-SFH8-160	8	12	16	160	36	M6×1.0
VS310M	20	ST20-SFH3-160	3	10	20	160	10	-
VS311M		ST20-SFH4-160	4	10	20	160	12	-
VS312M		ST20-SFH5-160	5	10	20	160	15	-
VS313M		ST20-SFH6-160	6	10	20	160	36	M5×0.8
VS314M		ST20-SFH8-160	8	12	20	160	36	M6×1.0
VS315M		ST20-SFH10-160	10	14	20	160	41.5	M8×1.0
VS316M		ST20-SFH12-160	12	16	20	160	46	M10×1.0
VS410M	25	ST25-SFH3-160	3	10	25	160	10	-
VS411M		ST25-SFH4-160	4	10	25	160	12	-
VS412M		ST25-SFH5-160	5	15	25	160	15	-
VS413M		ST25-SFH6-160	6	20	25	160	36	M5×0.8
VS414M		ST25-SFH8-160	8	20	25	160	36	M6×1.0
VS415M		ST25-SFH10-160	10	20	25	160	41.5	M8×1.0
VS416M		ST25-SFH12-160	12	20	25	160	46	M10×1.0
VS417M		ST25-SFH14-160	14	20	25	160	46	M10×1.0
VS418M		ST25-SFH16-160	16	22	25	160	49	M12×1.0
VS510M	32	ST32-SFH6-160	6	20	32	160	36	M5×0.8
VS511M		ST32-SFH8-160	8	20	32	160	36	M6×1.0
VS512M		ST32-SFH10-160	10	24	32	160	41.5	M8×1.0
VS513M		ST32-SFH12-160	12	24	32	160	46	M10×1.0
VS514M		ST32-SFH14-160	14	27	32	160	46	M10×1.0
VS515M		ST32-SFH16-160	16	27	32	160	49	M12×1.0
VS516M		ST32-SFH18-160	18	27	32	160	49	M12×1.0
VS517M		ST32-SFH20-160	20	27	32	160	51	M16×1.0