KH-E

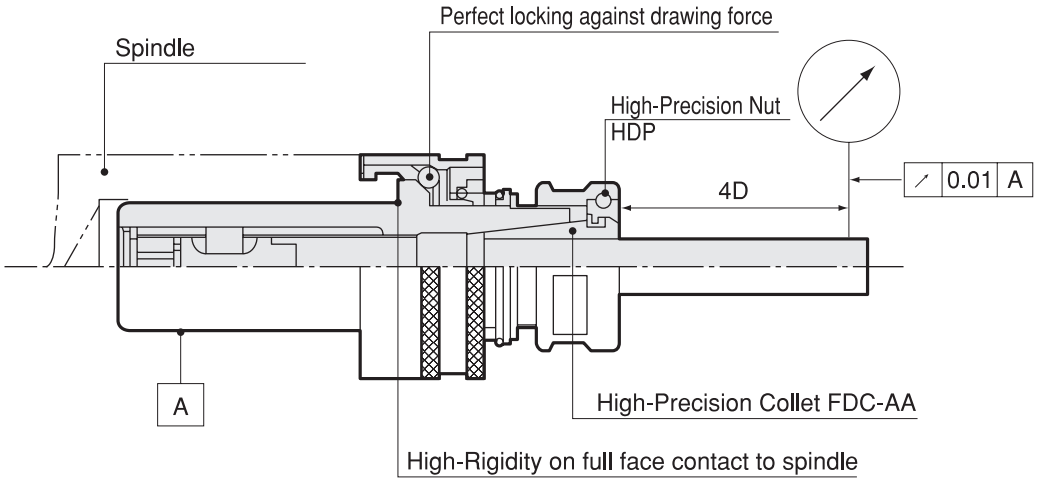
Quick Change Stub Holder

Feature

Endmilling, which was not available before, becomes possible.

High Rigidity Owing to the locking function incorporated, the holder doesn't come off spindle even though drawing force works.

High Precision As the high precision collet is employed, the runout is available within 10 microns at 4×D (4×tool shank dia. distance from the holder nose).

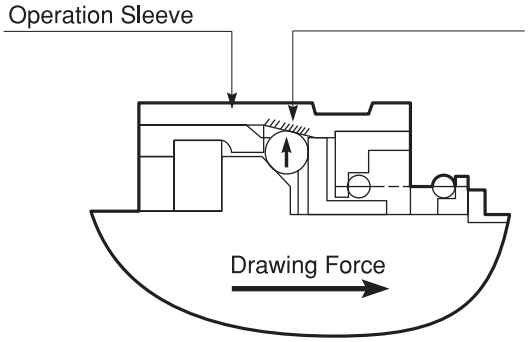


Significant Difference between KH·E and other stub holders

Strong chucking prevents pull out of cutting tool

↓

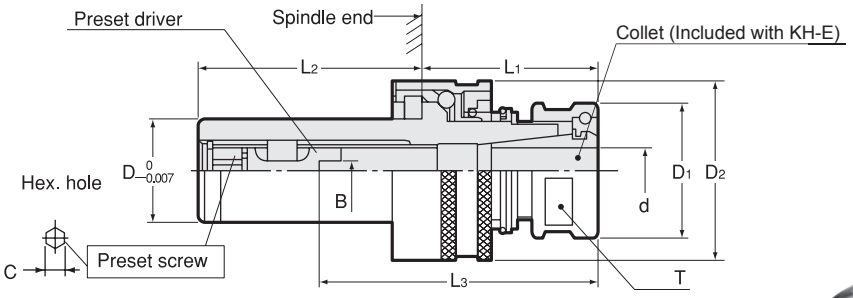
Locking mechanism stops pulling force caused by spiral cutting tools such as end mill.



Low-pitched taper on operation sleeve does not allow the holder to come off because steel balls which move to radial direction by drawing force are stuck on the taper.

Enlarged Locking Function

Note ●For center-thru coolant feed, select KH-EC1 or KH-EC2 models on page



KH-E Collet set

Holder + Preset driver + Nut + Collet

Code	Model	D	B	Chucking range d	Preset driver	L3	D1	D2	L1	L2	C	kg	Collet	Nut	Spanner
3050 12 # # # ※※※	**KH-12E**	12	0	0.5 ~ 6.0	KHS -00006	20 ~ 45	23	24.3	34	35	3	0.1	FDC-d07AA	HDP-07A	S-0
			2.4	3.1 ~ 5.0	KHS -02406	24 ~ 48									
			3.0	5.1 ~ 6.0	KHS -03006	25 ~ 48									
3050 14 # # # ※※※	**KH-14E**	14	0	0.5 ~ 7.0	KHS -00007	20 ~ 45	23	26.3	34	35	4	0.1	FDC-d07AA	HDP-07A	S-0
			2.4	3.1 ~ 5.0	KHS -02407	24 ~ 48									
			3.0	5.1 ~ 6.0	KHS -03007	25 ~ 48									
			4.0	6.1 ~ 7.0	KHS -04007	27 ~ 48									
3050 16 # # # ※※※	**KH-16E**	16	0	2.6 ~ 9.0	KHS -00009	29 ~ 46	26	32	35	40	4	0.2	FDC-d09AA	HDP-09	S-1L
			2.4	3.1 ~ 5.0	KHS -02409	32 ~ 49									
			3.0	5.1 ~ 6.0	KHS -03009	34 ~ 51									
			4.0	6.1 ~ 9.0	KHS -04009	34 ~ 51									
3050 19 # # # ※※※	**KH-19E**	19	0	2.6 ~ 9.0	KHS -00009	29 ~ 51	26	35	35	45	4	0.2	FDC-d09AA	HDP-09	S-1L
			2.4	3.1 ~ 5.0	KHS -02409	32 ~ 54									
3050 20 # # # ※※※	**KH-20E**	20	3.0	5.1 ~ 6.0	KHS -03009	34 ~ 56	26	35	35	45	4	0.2	FDC-d09AA	HDP-09	S-1L
			4.0	6.1 ~ 9.0	KHS -04009	34 ~ 56									
3050 22 # # # ※※※	**KH-22E**	22	0	2.6 ~ 12.0	KHS -00012	35 ~ 62	32	38	35	55	5	0.3	FDC-d12AA	HDP-12	S-3L
			2.4	3.1 ~ 5.0	KHS -02412	33 ~ 60									
			3.0	5.1 ~ 6.0	KHS -03012	33 ~ 60									
3050 24 # # # ※※※	**KH-24E**	24	4.0	6.1 ~ 9.0	KHS -04012	37 ~ 64	32	40	35	55	5	0.3	FDC-d12AA	HDP-12	S-3L
			5.0	9.1 ~ 12.0	KHS -05012	37 ~ 64									
3050 25 # # # ※※※	**KH-25E**	25	0	3.6 ~ 16.0	KHS -00016	36 ~ 64 (69)	36	44	35	60	6	0.4	FDC-d16AA	HDP-16	S-4L
			2.4	3.6 ~ 5.0	KHS -02416	39 ~ 67 (72)									
3050 26 # # # ※※※	**KH-26E**	26	3.0	5.1 ~ 6.0	KHS -03016	39 ~ 67 (72)	36	44	35	60	6	0.4	FDC-d16AA	HDP-16	S-4L
3050 28 # # # ※※※	**KH-28E**	28	4.0	6.1 ~ 9.0	KHS -04016	40 ~ 68 (73)	36	47	35	65	6	0.5	FDC-d16AA	HDP-16	S-4L
			5.0	9.1 ~ 12.0	KHS -05016	41 ~ 69 (74)									
3050 30 # # # ※※※	**KH-30E**	30	6.0	12.1 ~ 16.0	KHS -06016	44 ~ 72 (77)	36	47	35	65	6	0.5	FDC-d16AA	HDP-16	S-4L
3050 32 # # # ※※※	**KH-32E**	32	0	3.6 ~ 22.0	KHS -00022	41 ~ 74	46	51	40	80	6	0.7	FDC-d22AA	HDP-22	S-5L
			2.4	3.6 ~ 5.0	KHS -02422	39 ~ 75									
			3.0	5.1 ~ 6.0	KHS -03022	39 ~ 75									
3050 35 # # # ※※※	**KH-35E**	35	4.0	6.1 ~ 9.0	KHS -04022	42 ~ 78	46	55	40	80	6	0.8	FDC-d22AA	HDP-22	S-5L
			5.0	9.1 ~ 12.0	KHS -05022	48 ~ 84									
3050 36 # # # ※※※	**KH-36E**	36	6.0	12.1 ~ 16.0	KHS -06022	54 ~ 90	46	55	40	80	6	0.8	FDC-d22AA	HDP-22	S-5L
			8.0	16.1 ~ 22.0	KHS -08022	54 ~ 90									
3050 48 # # # ※※※	**KH-48E**	48	0	20.1 ~ 32.0	KHS -00032	66 ~ 87	65	75	50	100	6	2.0	FDC-d32A	HDP-32	S-6
			8.0	20.1 ~ 32.0	KHS -08032	70 ~ 93									
			12.0	22.1 ~ 32.0	KHS -12032	78 ~ 109									

Inch to Metric (mm) → Inch × 25.4
Metric (mm) to Inch → Metric ÷ 25.4 or Metric × 0.03937

Special / Custom Sizes on request

KHB-E Holder body

Holder + Preset driver + Nut (without collet)

Code	Model	B	L3	D $^{0}_{-0.07}$	D1	D2	L1	L2	T	kg
3054 12□□□000	KHB -12E /00006	0	20 ~ 45	12	23	24.3	34	35	–	0.1
	KHB -12E /02406	2.4	24 ~ 48							
	KHB -12E /03006	3	25 ~ 48							
3054 14□□□000	KHB -14E /00007	0	20 ~ 45	14	23	26.3	34	35	–	0.1
	KHB -14E /02407	2.4	24 ~ 48							
	KHB -14E /03007	3	25 ~ 48							
	KHB -14E /04007	4	27 ~ 48							
3054 16□□□000	KHB -16E /00009	0	29 ~ 46	16	26	32	35	40	24	0.2
	KHB -16E /02409	2.4	32 ~ 49							
	KHB -16E /03009	3	34 ~ 51							
	KHB -16E /04009	4	34 ~ 51							
3054 19□□□000	KHB -19E /00009	0	29 ~ 51	19	26	35	35	45	24	0.2
	KHB -19E /02409	2.4	32 ~ 54							
3054 20□□□000	KHB -20E /03009	3	34 ~ 56	20	26	35	35	45	24	0.2
	KHB -20E /04009	4	34 ~ 56							
3054 22□□□000	KHB -22E /00012	0	35 ~ 62	22	32	38	35	55	30	0.3
	KHB -22E /02412	2.4	33 ~ 60							
	KHB -22E /03012	3	33 ~ 60							
3054 24□□□000	KHB -24E /04012	4	37 ~ 64	24	32	40	35	55	30	0.3
	KHB -24E /05012	5	37 ~ 64							
3054 25□□□000	KHB -25E /00016	0	36 ~ 64 (69)	25	36	44	35	60	33	0.4
	KHB -25E /02416	2.4	39 ~ 67 (72)							
3054 26□□□000	KHB -26E /03016	3	39 ~ 67 (72)	26	36	44	35	60	33	0.4
3054 28□□□000	KHB -28E /04016	4	40 ~ 68 (73)	28	36	47	35	65	33	0.5
	KHB -28E /05016	5	41 ~ 69 (74)							
3054 30□□□000	KHB -30E /06016	6	44 ~ 72 (77)	30	36	47	35	65	33	0.5
3054 32□□□000	KHB -32E /00022	0	41 ~ 74	32	46	51	40	80	42	0.6
	KHB -32E /02422	2.4	39 ~ 75							
	KHB -32E /03022	3	39 ~ 75							
3054 35□□□000	KHB -35E /04022	4	42 ~ 78	35	46	55	40	80	42	0.7
	KHB -35E /05022	5	48 ~ 84							
3054 36□□□000	KHB -36E /06022	6	54 ~ 90	36	46	55	40	80	42	0.8
	KHB -36E /08022	8	54 ~ 90							
3054 48□□□000	KHB -48E /00032	0	66 ~ 87	48	65	75	50	100	–	1.8
	KHB -48E /08032	8	70 ~ 93							
	KHB -48E /12032	12	78 ~ 109							

1.L3 dimension in bracket stands for max. dimension of KH-28E & KH-30E.
2.Please select preset driver according to tang size of cutting tool. (Refer to P.433)
3.Spanner is sold separately.
4.Refer to P.439 for spindle dimension.

Collet P. 086 , 444

Spanner P. 446

Preset driver P. 433

KH-E (Collet set)
Ordering Example

KH-20E / 04009 / 7.0
Preset driver / Collet I.D.

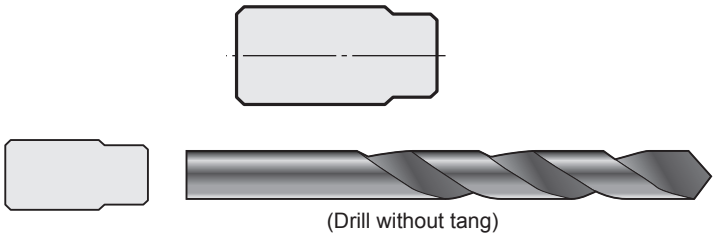
KHB-E (Holder body)
Ordering Example

KHB-20E / 04009
Preset driver

Accessories

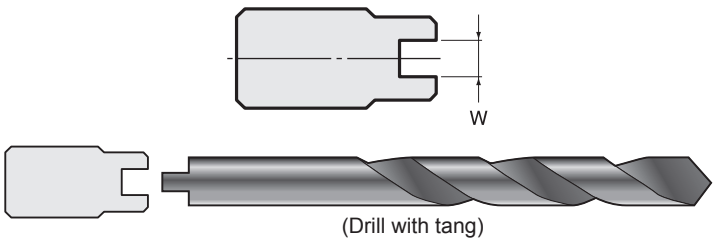
Preset driver（For KH-E、KH-A、KH）

Type1 without tang



(Drill without tang)

Type2 with tang

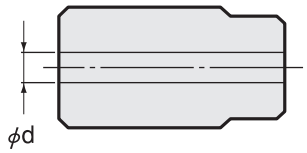


(Drill with tang)

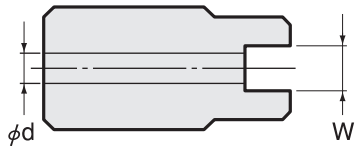
Model		Holder model	Type	W $^{+0.4}_{+0.3}$
KHS	-00006	KH-12E KH-12AR	1	—
	-02406		2	2.4
	-03006		2	3
KHS	-00007	KH-14E KH-14AR KH-14R	1	—
	-02407		2	2.4
	-03007		2	3
	-04007		2	4
KHS	-00009	KH-16E,16A,16 KH-19E,19A,19 KH-20E,20A,20	1	—
	-02409		2	2.4
	-03009		2	3
	-04009		2	4
KHS	-00012	KH-22E,22A,22 KH-24E,24A,24	1	—
	-02412		2	2.4
	-03012		2	3
	-04012		2	4
	-05012		2	5
KHS	-00016	KH-25E,25A KH-26E,26A KH-28E,28A KH-30E,30A	1	—
	-02416		2	2.4
	-03016		2	3
	-04016		2	4
	-05016		2	5
	-06016		2	6
KHS	-00022	KH-32E,32A KH-35E,35A KH-36E,36A	1	—
	-02422		2	2.4
	-03022		2	3
	-04022		2	4
	-05022		2	5
	-06022		2	6
	-08022		2	8
KHS	-00032	KH-48E KH-48A	1	—
	-08032		2	8
	-12032		2	12

Preset driver（For KH-EC）

Type1 without tang



Type2 with tang



Model		Holder Model	Type	W $^{+0.4}_{+0.3}$	d
KHS	00007-OH	KHB-14EC1,2	2	2.4	2.5
	02407-OH		2	2.4	2.5
	03007-OH		2	3	2.5
	04007-OH		2	4	2.5
KHS	00009-OH	KHB-16EC1,2 KHB-19EC1,2 KHB-20EC1,2	2	2.4	2.5
	02409-OH		2	2.4	2.5
	03009-OH		2	3	3
	04009-OH		2	4	3
KHS	00012-OH	KHB-22EC1,2 KHB-24EC1,2	1	—	2.5
	02412-OH		2	2.4	2.5
	03012-OH		2	3	3
	04012-OH		2	4	4
	05012-OH		2	5	5
KHS	00016-OH	KHB-25EC1,2 KHB-26EC1,2 KHB-28EC1,2 KHB-30EC1,2	1	—	2.5
	03016-OH		2	3	3
	04016-OH		2	4	4
	05016-OH		2	5	5
	06016-OH		2	6	6
KHS	00022-OH	KHB-32EC1,2 KHB-35EC1,2 KHB-36EC1,2	1	—	2.5
	03022-OH		2	3	3
	04022-OH		2	4	4
	05022-OH		2	5	5
	06022-OH		2	6	6
	08022-OH		2	8	8

Inch to Metric (mm) → Inch × 25.4
Metric (mm) to Inch → Metric ÷ 25.4 or Metric × 0.03937

Special / Custom Sizes on request