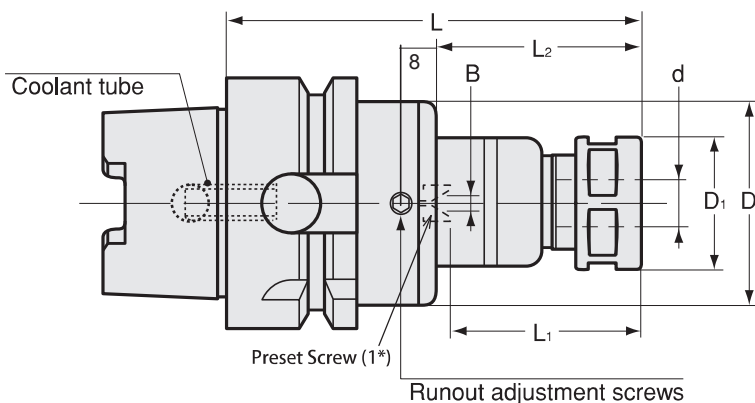




HDZ "R" Zero Holder

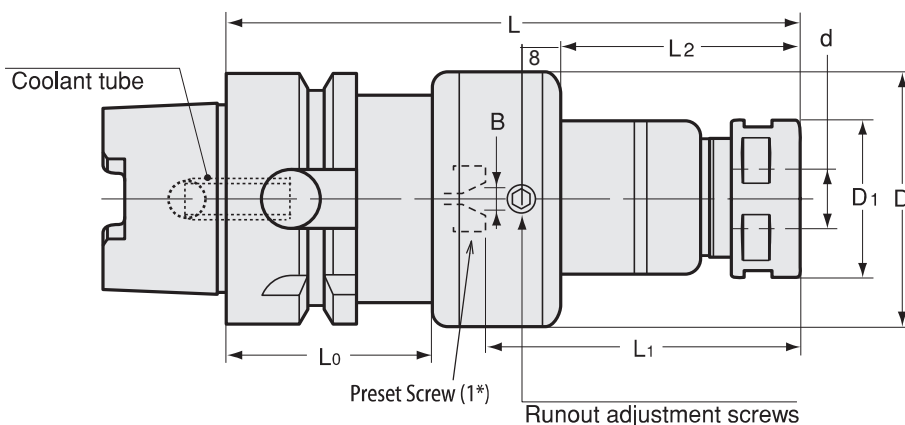
Runout accuracy of the cutting edge can be adjusted as closely as to zero.

Type1



Max RPM
20,000

Type2



● Coolant tube is included

Unit : Metric





Code	Model		Type	d	L	L1	L2	B	D	D1	L0	kg	Nut	Collet	Spanner	Wrench
5650 13007075	HSK40A	-HDZ07 -75	1	0.5 ~ 7.0	75	22 ~ 38	39	0 ~ 4	34	23	—	0.4	HDP-07A	FDC-07	S-0	L-3T
5650 13007090		-90	1	0.5 ~ 7.0	90	22 ~ 49	54	0 ~ 4	34	23	—					
5650 13007120		-120	1	0.5 ~ 7.0	120	22 ~ 49	84	0 ~ 4	34	23	—	0.5				
5650 13009090		-HDZ09 -90	2	2.5 ~ 9.0	90	27 ~ 46	34	0 ~ 4	41	26	35	0.6	HDP-09	FDC-09	S-1L	L-3T
5650 13009120		-120	2	2.5 ~ 9.0	120	27 ~ 61	64	0 ~ 4	41	26	35					
5650 13012090		-HDZ12 -90	2	2.5 ~ 12.0	90	33 ~ 51	30	0 ~ 5	52	32	35	0.8	HDP-09	FDC-12	S-3L	L-4T
5650 13012120		-120	2	2.5 ~ 12.0	120	33 ~ 74	60	0 ~ 5	52	32	35	1.0				
5650 13012150		-150	2	2.5 ~ 12.0	150	33 ~ 74	90	0 ~ 5	52	32	35	1.1				
5650 13016090		-HDZ16 -90	2	3.5 ~ 16.0	90	38 ~ 54 (38 ~ 51)	30	0 ~ 6	56	36	35	0.9	HDP-16	FDC-16	S-4L	L-4T
5650 13016120		-120	2	3.5 ~ 16.0	120	38 ~ 72	60	0 ~ 6	56	36	35	1.1				
5650 13016150		-150	2	3.5 ~ 16.0	150	38 ~ 86	90	0 ~ 6	56	36	35					
5650 14007075	HSK50A	-HDZ07 -75	1	0.5 ~ 7.0	75	22 ~ 32	33	0 ~ 4	41	23	—	0.6	HDP-07A	FDC-07	S-0	L-3T
5650 14007090		-90	1	0.5 ~ 7.0	90	22 ~ 45	48	0 ~ 4	41	23	—	0.7				
5650 14007120		-120	1	0.5 ~ 7.0	120	22 ~ 45	78	0 ~ 4	41	23	—	0.8				
5650 14009075		-HDZ09 -75	1	2.5 ~ 9.0	75	27 ~ 31	33	0 ~ 4	41	26	—	0.6	HDP-09	FDC-09	S-1L	L-3T
5650 14009090		-90	1	2.5 ~ 9.0	90	27 ~ 47	48	0 ~ 4	41	26	—	0.7				
5650 14009120		-120	1	2.5 ~ 9.0	120	27 ~ 61	78	0 ~ 4	41	26	—	0.8				
5650 14012090		-HDZ12 -90	2	2.5 ~ 12.0	90	33 ~ 42	23	0 ~ 5	52	32	42	1.0	HDP-12	FDC-12	S-3L	L-4T
5650 14012120		-120	2	2.5 ~ 12.0	120	33 ~ 71	53	0 ~ 5	52	32	42	1.2				
5650 14012150		-150	2	2.5 ~ 12.0	150	33 ~ 74	83	0 ~ 5	52	32	42	1.4				
5650 14016090		-HDZ16 -90	2	3.5 ~ 16.0	90	38 ~ 50 (38 ~ 47)	23	0 ~ 6	56	36	42	1.1	HDP-16	FDC-16	S-4L	L-4T
5650 14016120		-120	2	3.5 ~ 16.0	120	38 ~ 65	53	0 ~ 6	56	36	42	1.3				
5650 14016150		-150	2	3.5 ~ 16.0	150	38 ~ 86	83	0 ~ 6	56	36	42	1.5				

Unit : Metric

Code	Model	Type	d	L	L1	L2	B	D	D1	L0	kg	Nut	Collet	Spanner	Wrench
5650 75007075	HSK63A -HDZ07 -75 -H	1	0.5 ~ 7.0	75	22 ~ 35	33	0 ~ 4	41	23	—	0.9	HDP-07A	FDC-07	S-0	L-3T
5650 75007090	-90 -H	1	0.5 ~ 7.0	90	22 ~ 45	48	0 ~ 4	41	23	—	0.9				
5650 75007120	-120 -H	1	0.5 ~ 7.0	120	22 ~ 45	78	0 ~ 4	41	23	—	1.0				
5650 75009075	-HDZ09 -75 -H	1	2.5 ~ 9.0	75	27 ~ 34 (27 ~ 31)	33	0 ~ 4	45	26	—	0.9	HDP-09	FDC-09	S-1L	L-3T
5650 75009090	-90 -H	1	2.5 ~ 9.0	90	27 ~ 42	48	0 ~ 4	45	26	—	1.0				
5650 75009120	-120 -H	1	2.5 ~ 9.0	120	27 ~ 57	78	0 ~ 4	45	26	—	1.1				
5650 75012090	-HDZ12 -90 -H	1	2.5 ~ 12.0	90	33 ~ 48 (33 ~ 45)	44	0 ~ 5	52	32	—	1.1	HDP-12	FDC-12	S-3L	L-4T
5650 75012120	-120 -H	1	2.5 ~ 12.0	120	33 ~ 69	74	0 ~ 5	52	32	—	1.3				
5650 75012150	-150 -H	1	2.5 ~ 12.0	150	33 ~ 69	104	0 ~ 5	52	32	—	1.4				
5650 75016090	-HDZ16 -90 -H	2	3.5 ~ 16.0	90	38 ~ 48 (38 ~ 45)	28	0 ~ 6	56	36	42	1.3	HDP-16	FDC-16	S-4L	L-4T
5650 75016120	-120 -H	2	3.5 ~ 16.0	120	38 ~ 62	58	0 ~ 6	56	36	42	1.5				
5650 75016150	-150 -H	2	3.5 ~ 16.0	150	38 ~ 82	88	0 ~ 6	56	36	42	1.7				
5650 75122120	-HDZ22A -120 -H	2	3.5 ~ 22.0	120	47 ~ 63	49	0 ~ 8	69	46	42	2.0	HDP-22	FDC-22	S-5L	L-6T
5650 75122150	-150 -H	2	3.5 ~ 22.0	150	47 ~ 93	79	0 ~ 8	69	46	42	2.3				
5650 77007075	HSK100A -HDZ07 -75 -H	1	0.5 ~ 7.0	75	22 ~ 27	26	0 ~ 4	41	23	—	2.3	HDP-07A	FDC-07	S-0	L-3T
5650 77007090	-90 -H	1	0.5 ~ 7.0	90	22 ~ 45	41	0 ~ 4	41	23	—	2.3				
5650 77007120	-120 -H	1	0.5 ~ 7.0	120	22 ~ 45	71	0 ~ 4	41	23	—	2.4				
5650 77009075	-HDZ09 -75 -H	1	2.5 ~ 9.0	75	27 ~ 28	26	0 ~ 4	45	26	—	2.3	HDP-09	FDC-09	S-1L	L-3T
5650 77009090	-90 -H	1	2.5 ~ 9.0	90	27 ~ 47 (27 ~ 44)	41	0 ~ 4	45	26	—	2.4				
5650 77009120	-120 -H	1	2.5 ~ 9.0	120	27 ~ 57	71	0 ~ 4	45	26	—	2.5				
5650 77012090	-HDZ12 -90 -H	1	2.5 ~ 12.0	90	33 ~ 41 (33 ~ 38)	41	0 ~ 5	56	32	—	2.5	HDP-12	FDC-12	S-3L	L-4T
5650 77012120	-120 -H	1	2.5 ~ 12.0	120	33 ~ 59	71	0 ~ 5	56	32	—	2.7				
5650 77012150	-150 -H	1	2.5 ~ 12.0	150	33 ~ 69	101	0 ~ 5	56	32	—	2.8				
5650 77016090	-HDZ16 -90 -H	1	3.5 ~ 16.0	90	38 ~ 41 (38)	41	0 ~ 6	62	36	—	2.6	HDP-16	FDC-16	S-4L	L-4T
5650 77016120	-120 -H	1	3.5 ~ 16.0	120	38 ~ 62	71	0 ~ 6	62	36	—	2.8				
5650 77016150	-150 -H	1	3.5 ~ 16.0	150	38 ~ 82	101	0 ~ 6	62	36	—	3.0				
5650 77122090	-HDZ22A -90 -H	1	3.5 ~ 22.0	90	56	37	—	76	46	—	2.9	HDP-22	FDC-22	S-5L	L-6T
5650 77122120	-120 -H	1	3.5 ~ 22.0	120	47 ~ 59	67	0 ~ 8	76	46	—	3.3				
5650 77122150	-150 -H	1	3.5 ~ 22.0	150	47 ~ 83	97	0 ~ 8	76	46	—	3.6				

HSK63A, HSK100A have manual clamp holes in the shank.

- 1*. Collet, spanner, hexagon head preset screw, preset screw for semi-dry processing, and adjustment wrench are sold separately. Standard preset screw is included.
2. Refer to ACC 13 for minimum tool insertion length in case of using our coolant collets (OH,C or MS).
3. "L1" indicates dimension when using with a preset screw. The value within () indicates the value when using a preset screw with a hex hole (sold separately).
4. See ACC 14 for standard tightening torque.

FDC Collet ACC 02-03	Spanner ACC 14	Preset screw ACC 15	Adjustment wrench R-Z 06
			

Ordering Example

Without manual clamping hole (HSK40A, HSK50A)

HSK40A - HDZ12 - 90
Shank size Max. collet I.D. Projection length

Ordering Example

With manual clamping hole (HSK63A, HSK100A)

HSK63A - HDZ12 - 90 - H
Shank size Max. collet I.D. Projection length With manual clamping hole