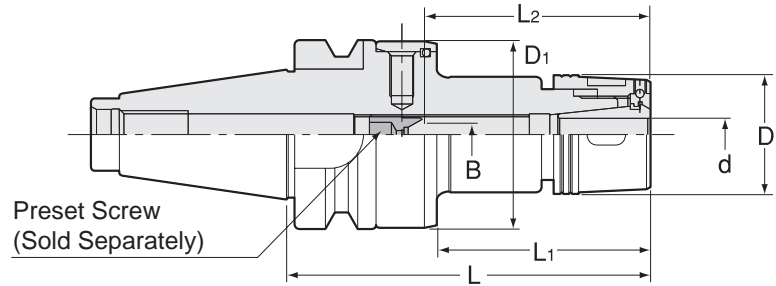


GDC·A

High-Precision Collet Holder (High-Balanced Type)

- Suitable for high speed rotation drilling, reaming, and finish endmilling.



Unit : Metric

Code	Model	L	d	L1	L2	D	D1	kg	Nut	Collet	Spanner
2446 03007090	BT30 -GDC07A -90	90	0.5 ~ 7.0	53	22 ~ 45	23	46	0.6	HDP-07A	FDC-07AA	S-0
2446 03007105	-105	105	0.5 ~ 7.0	68	22 ~ 45	23	46	0.7	HDP-07A		
2446 03009090	BT30 -GDC09A -90	90	2.5 ~ 9.0	53	27 ~ 57	29	46	0.7	GDP-09	FDC-09AA	FK-0025
2446 03009105	-105	105	2.5 ~ 9.0	68	27 ~ 57	29	46	0.8	GDP-09		
2446 03012090	BT30 -GDC12A -90	90	2.5 ~ 12.0	53	33 ~ 69	34	46	0.8	GDP-12	FDC-12AA	FK-0034
2446 03012105	-105	105	2.5 ~ 12.0	68	33 ~ 69	34	46	0.9	GDP-12		
2446 03016090	BT30 -GDC16A -90	90	3.5 ~ 16.0	53	38 ~ 82	38	46	0.8	GDP-16	FDC-16AA	FK-0034
2446 03016120	-120	120	3.5 ~ 16.0	83	38 ~ 82	38	46	1.1	GDP-16		
2446 04007090	BT40 -GDC07A -90	90	0.5 ~ 7.0	48	22 ~ 45	23	62	1.4	HDP-07A	FDC-07AA	S-0
2446 04007120	-120	120	0.5 ~ 7.0	78	22 ~ 45	23	62	1.5	HDP-07A		
2446 04009090	BT40 -GDC09A -90	90	2.5 ~ 9.0	48	27 ~ 57	29	62	1.4	GDP-09	FDC-09AA	FK-0025
2446 04009120	-120	120	2.5 ~ 9.0	78	27 ~ 57	29	62	1.6	GDP-09		
2446 04012090	BT40 -GDC12A -90	90	2.5 ~ 12.0	48	33 ~ 69	34	62	1.5	GDP-12	FDC-12AA	FK-0034
2446 04012120	-120	120	2.5 ~ 12.0	78	33 ~ 69	34	62	1.7	GDP-12		
2446 04016090	BT40 -GDC16A -90	90	3.5 ~ 16.0	48	38 ~ 82	38	62	1.5	GDP-16	FDC-16AA	FK-0034
2446 04016120	-120	120	3.5 ~ 16.0	78	38 ~ 82	38	62	1.7	GDP-16		
2446 04022090	BT40 -GDC22A -90	90	3.5 ~ 22.0	48	47 ~ 103	49	62	1.5	GDP-22	FDC-22AA	FK-0045
2446 04022105	-105	105	3.5 ~ 22.0	63	47 ~ 103	49	62	1.7	GDP-22		
2446 04022135	-135	135	3.5 ~ 22.0	93	47 ~ 103	49	62	2.1	GDP-22		
2446 05007105	BT50 -GDC07A -105	105	0.5 ~ 7.0	52	22 ~ 45	23	84	4.1	HDP-07A	FDC-07AA	S-0
2446 05007135	-135	135	0.5 ~ 7.0	82	22 ~ 45	23	84	4.3	HDP-07A		
2446 05009105	BT50 -GDC09A -105	105	2.5 ~ 9.0	52	27 ~ 57	29	84	4.2	GDP-09	FDC-09AA	FK-0025
2446 05009135	-135	135	2.5 ~ 9.0	82	27 ~ 57	29	84	4.4	GDP-09		
2446 05012105	BT50 -GDC12A -105	105	2.5 ~ 12.0	52	33 ~ 69	34	84	4.3	GDP-12	FDC-12AA	FK-0034
2446 05012135	-135	135	2.5 ~ 12.0	82	33 ~ 69	34	84	4.5	GDP-12		
2446 05016105	BT50 -GDC16A -105	105	3.5 ~ 16.0	52	38 ~ 82	38	84	4.4	GDP-16	FDC-16AA	FK-0034
2446 05016135	-135	135	3.5 ~ 16.0	82	38 ~ 82	38	84	4.7	GDP-16		
2446 05022105	BT50 -GDC22A -105	105	3.5 ~ 22.0	52	47 ~ 103	49	84	4.4	GDP-22	FDC-22AA	FK-0045
2446 05022135	-135	135	3.5 ~ 22.0	82	47 ~ 103	49	84	4.8	GDP-22		

1. Collet, preset screw and spanner are sold separately.
2. Always use "AA" class collet.
3. Refer to P. 092 for minimum tool insertion length in case of using our coolant collets (OH,C or MS).
4. L2 indicates dimension when using with a preset screw.
5. See P.499 for standard Tightening Torque.

Collet

P. 086 - 089



Spanner

P. 095



Preset screw

P. 094



Ordering Example

BT40 - GDC 09 A - 90

Shank size

Max. collet I.D.

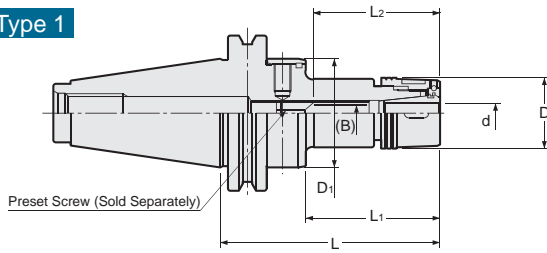
Projection length (L)

GDC·A

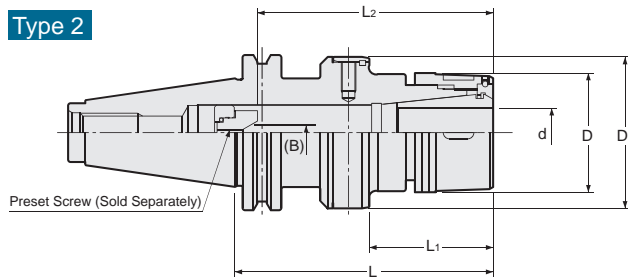
High-Precision Collet Holder (High-Balanced Type)

- Suitable for high speed rotation drilling, reaming, and finish endmilling.

Type 1



Type 2



Unit : Inch

Code	Model	Type	d	L	L1	(B)	L2	D	D1	kg	Preset Screw	Nut	Collet	Spanner
1970 00407090	CAT40 -GDC07A -90	1	0.020 -0.276	3.543	2.165	0.0 -0.157	0.866 -1.772	0.906	1.750	1.1	HDS-07	HDP-07A	FDC-07AA	S-0
1970 00407120	-120	1	0.020 -0.276	4.724	3.346	0.0 -0.157	0.866 -1.772	0.906	1.750					
1970 00409090	CAT40 -GDC09A -90	1	0.098 -0.354	3.543	2.165	0.0 -0.157	1.063 -2.244	1.142	1.750	1.2	HDS-09	GDP-09	FDC-09AA	FK-0025
1970 00409120	-120	1	0.098 -0.354	4.724	3.346	0.0 -0.157	1.063 -2.244	1.142	1.750	1.3				
1970 00412105	CAT40 -GDC12A -105	1	0.098 -0.472	4.134	2.756	0.0 -0.197	1.299 -2.677	1.339	1.750		HDS-12	GDP-12	FDC-12AA	FK-0030
1970 00412135	-135	1	0.098 -0.472	5.315	3.937	0.0 -0.197	1.299 -2.677	1.339	1.750					
1970 00416105	CAT40 -GDC16A -105	1	0.138 -0.630	4.134	2.756	0.0 -0.236	1.496 -3.189	1.496	1.750	1.4	HDS-16	GDP-16	FDC-16AA	FK-0034
1970 00416135	-135	1	0.138 -0.630	5.315	3.937	0.0 -0.236	1.496 -3.189	1.496	1.750					
1970 00422105	CAT40 -GDC22A -105	2	0.138 -0.866	4.134	1.969	0.0 -0.315	1.850 -4.055	1.929	2.441		HDS-22	GDP-22	FDC-22AA	FK-0045
1970 00422135	-135	2	0.138 -0.866	5.315	3.150	0.0 -0.315	1.850 -4.055	1.929	2.441					
1970 00507105	CAT50 -GDC07A -105	1	0.020 -0.276	4.134	2.756	0.0 -0.157	0.866 -1.772	0.906	2.750		HDS-07	HDP-07A	FDC-07AA	S-0
1970 00507135	-135	1	0.020 -0.276	5.315	3.937	0.0 -0.157	0.866 -1.772	0.906	2.750					
1970 00509105	CAT50 -GDC09A -105	1	0.098 -0.354	4.134	2.756	0.0 -0.157	1.063 -2.244	1.142	2.750		HDS-09	GDP-09	FDC-09AA	FK-0025
1970 00509135	-135	1	0.098 -0.354	5.315	3.937	0.0 -0.157	1.063 -2.244	1.142	2.750					
1970 00512105	CAT50 -GDC12A -105	1	0.098 -0.472	4.134	2.756	0.0 -0.197	1.299 -2.677	1.339	2.750		HDS-12	GDP-12	FDC-12AA	FK-0030
1970 00512135	-135	1	0.098 -0.472	5.315	3.937	0.0 -0.197	1.299 -2.677	1.339	2.750					
1970 00516105	CAT50 -GDC16A -105	1	0.138 -0.630	4.134	2.756	0.0 -0.236	1.496 -3.189	1.496	2.750		HDS-16	GDP-16	FDC-16AA	FK-0034
1970 00516135	-135	1	0.138 -0.630	5.315	3.937	0.0 -0.236	1.496 -3.189	1.496	2.750	3.5				
1970 00522105	CAT50 -GDC22A -105	1	0.138 -0.866	4.134	2.756	0.0 -0.315	1.850 -4.055	1.929	2.750		HDS-22	GDP-22	FDC-22AA	FK-0045
1970 00522135	-135	1	0.138 -0.866	5.315	3.937	0.0 -0.315	1.850 -4.055	1.929	2.750					

1. Collet, preset screw and spanner are sold separately.
2. Always use "AA" class collet.
3. Refer to P.92 for minimum tool insertion length in case of using our coolant collets (OH,C or MS).
4. L2 indicates dimension when using with a preset screw.
5. See P.499 for standard Tightening Torque.

Collet

P.086 - 089



Spanner

P.095



Preset screw

P.094



Ordering Example

CAT40 - GDC 09 A - 90

Shank size

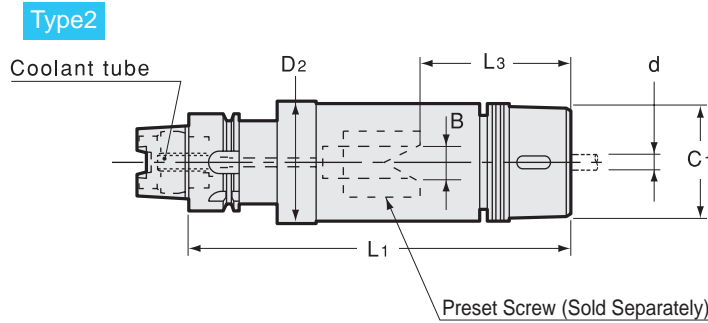
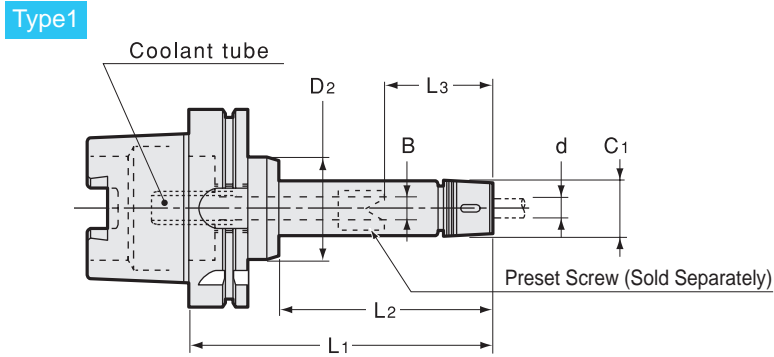
Max. collet I.D.

Projection length (L)

GDC·A

High-Precision Collet Holder (High-Balanced Type)

- Suitable for high speed rotation drilling, reaming, and finish endmilling.



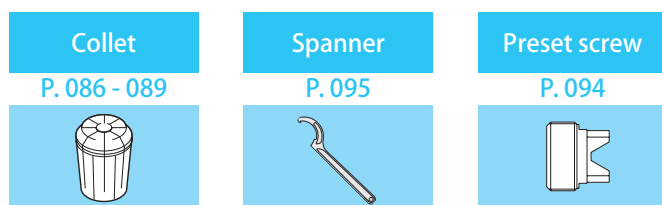
- Coolant tube is included.

Unit : Metric

Code	Model	Type	d	L1	L2	B	L3	D2	C1	Nut	kg	Collet	Spanner
5380 13007075	HSK40A -GDC07A -75	1	0.5 ~ 7.0	75	40	0 ~ 4	22 ~ 29	34	23	HDP-07A	0.4	FDC-07AA	S-0
5380 13007090	-90	1	0.5 ~ 7.0	90	55	0 ~ 4	22 ~ 44	34	23	HDP-07A			
5380 13007120	-120	1	0.5 ~ 7.0	120	85	0 ~ 4	22 ~ 45	34	23	HDP-07A			
5380 13009075	HSK40A -GDC09A -75	1	2.5 ~ 9.0	75	40	0 ~ 4	27	34	29	GDP-09	0.5	FDC-09AA	FK-0025
5380 13009090	-90	1	2.5 ~ 9.0	90	55	0 ~ 4	27 ~ 40	34	29	GDP-09			
5380 13009120	-120	1	2.5 ~ 9.0	120	85	0 ~ 4	27 ~ 57	34	29	GDP-09			
5380 13012090	HSK40A -GDC12A -90	2	2.5 ~ 12.0	90	—	—	41	39	34	GDP-12	0.6	FDC-12AA	FK-0034
5380 13012120	-120	2	2.5 ~ 12.0	120	—	0 ~ 5	33 ~ 51	39	34	GDP-12	0.8		
5380 13012150	-150	2	2.5 ~ 12.0	150	—	0 ~ 5	33 ~ 78	39	34	GDP-12			
5380 13016090	HSK40A -GDC16A -90	2	3.5 ~ 16.0	90	—	—	40	42	38	GDP-16	0.7	FDC-16AA	FK-0034
5380 13016120	-120	2	3.5 ~ 16.0	120	—	0 ~ 6	38 ~ 46	42	38	GDP-16			
5380 13016150	-150	2	3.5 ~ 16.0	150	—	0 ~ 6	38 ~ 74	42	38	GDP-16	1.1		
5380 13022120	HSK40A -GDC22A -120	2	3.5 ~ 22.0	120	—	—	68	49	49	GDP-22		FDC-22AA	FK-0045
5380 13022150	-150	2	3.5 ~ 22.0	150	—	0 ~ 8	47 ~ 75	49	49	GDP-22			
5380 14007075	HSK50A -GDC07A -75	1	0.5 ~ 7.0	75	34	0 ~ 4	22 ~ 24	42	23	HDP-07A		FDC-07AA	S-0
5380 14007090	-90	1	0.5 ~ 7.0	90	49	0 ~ 4	22 ~ 39	42	23	HDP-07A			
5380 14007120	-120	1	0.5 ~ 7.0	120	79	0 ~ 4	22 ~ 45	42	23	HDP-07A	0.8		
5380 14009075	HSK50A -GDC09A -75	1	2.5 ~ 9.0	75	34	0 ~ 4	27 ~ 35	42	29	GDP-09	0.7	FDC-09AA	FK-0025
5380 14009090	-90	1	2.5 ~ 9.0	90	49	0 ~ 4	27 ~ 39	42	29	GDP-09	0.7		
5380 14009120	-120	1	2.5 ~ 9.0	120	79	0 ~ 4	27 ~ 57	42	29	GDP-09	0.9		
5380 14012090	HSK50A -GDC12A -90	1	2.5 ~ 12.0	90	49	—	52	42	34	GDP-12	0.8	FDC-12AA	FK-0034
5380 14012120	-120	1	2.5 ~ 12.0	120	79	0 ~ 5	33 ~ 60	42	34	GDP-12	1.0		
5380 14012150	-150	1	2.5 ~ 12.0	150	109	0 ~ 5	33 ~ 78	42	34	GDP-12	1.2		
5380 14016090	HSK50A -GDC16A -90	1	3.5 ~ 16.0	90	49	—	52	42	38	GDP-16	0.8	FDC-16AA	FK-0034
5380 14016120	-120	1	3.5 ~ 16.0	120	79	0 ~ 6	38 ~ 58	42	38	GDP-16	1.0		
5380 14016150	-150	1	3.5 ~ 16.0	150	109	0 ~ 6	38 ~ 86	42	38	GDP-16	1.2		
5380 14022120	HSK50A -GDC22A -120	2	3.5 ~ 22.0	120	—	—	62	49	49	GDP-22	1.3	FDC-22AA	FK-0045
5380 14022150	-150	2	3.5 ~ 22.0	150	—	0 ~ 8	47 ~ 70	49	49	GDP-22	1.6		

Code	Model	Type	d	L1	L2	B	L3	D2	C1	Nut	kg	Collet	Spanner
5380 15007075	HSK63A -GDC07A -75	1	0.5 ~ 7.0	75	34	0 ~ 4	22 ~ 35	52	23	HDP-07A	1.0	FDC-07AA	S-0
5380 15007090	-90	1	0.5 ~ 7.0	90	49	0 ~ 4	22 ~ 45	52	23	HDP-07A	1.0		
5380 15007120	-120	1	0.5 ~ 7.0	120	79	0 ~ 4	22 ~ 45	52	23	HDP-07A	1.1		
5380 15009075	HSK63A -GDC09A -75	1	2.5 ~ 9.0	75	34	0 ~ 4	27 ~ 34	52	29	GDP-09	1.0	FDC-09AA	FK-0025
5380 15009090	-90	1	2.5 ~ 9.0	90	49	0 ~ 4	27 ~ 42	52	29	GDP-09	1.1		
5380 15009120	-120	1	2.5 ~ 9.0	120	79	0 ~ 4	27 ~ 57	52	29	GDP-09	1.3		
5380 15012090	HSK63A -GDC12A -90	1	2.5 ~ 12.0	90	49	—	52	52	34	GDP-12	1.1	FDC-12AA	FK-0034
5380 15012120	-120	1	2.5 ~ 12.0	120	79	0 ~ 5	33 ~ 60	52	34	GDP-12	1.3		
5380 15012150	-150	1	2.5 ~ 12.0	150	109	0 ~ 5	33 ~ 78	52	34	GDP-12	1.5		
5380 15016090	HSK63A -GDC16A -90	1	3.5 ~ 16.0	90	49	—	60	52	38	GDP-16	1.2	FDC-16AA	FK-0034
5380 15016120	-120	1	3.5 ~ 16.0	120	79	0 ~ 6	38 ~ 59	52	38	GDP-16	1.4		
5380 15016150	-150	1	3.5 ~ 16.0	150	109	0 ~ 6	38 ~ 82	52	38	GDP-16	1.6		
5380 15022090	HSK63A -GDC22A -90	1	3.5 ~ 22.0	90	49	—	63	52	49	GDP-22	1.2	FDC-22AA	FK-0045
5380 15022120	-120	1	3.5 ~ 22.0	120	79	0 ~ 8	47 ~ 56	52	49	GDP-22	1.6		
5380 15022150	-150	1	3.5 ~ 22.0	150	109	0 ~ 8	47 ~ 86	52	49	GDP-22	1.8		
5380 17007075	HSK100A -GDC07A -75	1	0.5 ~ 7.0	75	31	0 ~ 4	22 ~ 27	84	23	HDP-07A	2.6	FDC-07AA	S-0
5380 17007090	-90	1	0.5 ~ 7.0	90	46	0 ~ 4	22 ~ 45	84	23	HDP-07A	2.7		
5380 17007120	-120	1	0.5 ~ 7.0	120	76	0 ~ 4	22 ~ 45	84	23	HDP-07A	2.9		
5380 17009075	HSK100A -GDC09A -75	1	2.5 ~ 9.0	75	31	0 ~ 4	27 ~ 28	84	29	GDP-09	2.6	FDC-09AA	FK-0025
5380 17009090	-90	1	2.5 ~ 9.0	90	46	0 ~ 4	27 ~ 43	84	29	GDP-09	2.8		
5380 17009120	-120	1	2.5 ~ 9.0	120	76	0 ~ 4	27 ~ 57	84	29	GDP-09	2.9		
5380 17012090	HSK100A -GDC12A -90	1	2.5 ~ 12.0	90	46	—	52	84	34	GDP-12	2.8	FDC-12AA	FK-0034
5380 17012120	-120	1	2.5 ~ 12.0	120	76	0 ~ 5	33 ~ 60	84	34	GDP-12	3.0		
5380 17012150	-150	1	2.5 ~ 12.0	150	106	0 ~ 5	33 ~ 78	84	34	GDP-12	3.2		
5380 17016090	HSK100A -GDC16A -90	1	3.5 ~ 16.0	90	46	0 ~ 6	38 ~ 41	84	38	GDP-16	2.9	FDC-16AA	FK-0034
5380 17016120	-120	1	3.5 ~ 16.0	120	76	0 ~ 6	38 ~ 62	84	38	GDP-16	3.1		
5380 17016150	-150	1	3.5 ~ 16.0	150	106	0 ~ 6	38 ~ 82	84	38	GDP-16	3.3		
5380 17022090	HSK100A -GDC22A -90	1	3.5 ~ 22.0	90	46	—	57	84	49	GDP-22	2.9	FDC-22AA	FK-0045
5380 17022120	-120	1	3.5 ~ 22.0	120	76	0 ~ 8	47 ~ 57	84	49	GDP-22	3.2		
5380 17022150	-150	1	3.5 ~ 22.0	150	106	0 ~ 8	47 ~ 83	84	49	GDP-22	3.5		

1. Collet, preset screw and spanner are sold separately.
2. Always use "AA" class collet.
3. Refer to P.092 for minimum tool insertion length in case of using our coolant collets (OH,C or MS).
4. L3 indicates dimension when using with a preset screw.
5. See P.499 for standard Tightening Torque.



Ordering Example

HSK50A - GDC 07 A - 90

Shank size

Max. collet I.D.

Projection length (L)