

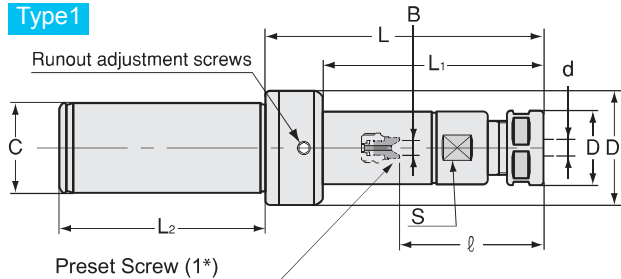


ST-HDZ

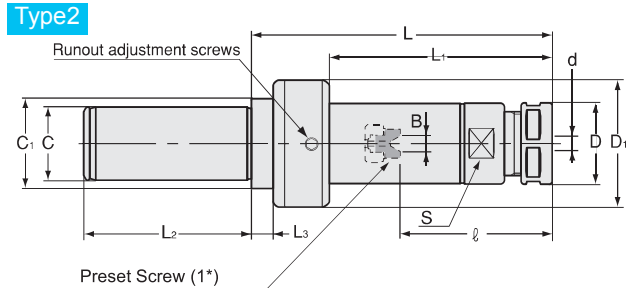
"R"Zero Holder

Collet holder with a runout adjustment function. Suitable for drilling in tight space as well as use for sub-holder of milling chuck.

Type1



Type2



Metric Sizes (Shank)

Unit : Metric

Code	Model	Type	d	C _{0.012}	C1	L	L1	L2	L3	B	ℓ	D	D1	S	kg	Preset Screw	Nut	Collet	Spanner	Wrench
3100 02007075	ST20 -HDZ07 -75	2	0.5~7.0	20	28	75	44	57	10	0~4	22~45	23	41	19		HDS-07				
3100 02007120	-120	2	0.5~7.0	20	28	120	89	57	10	0~4	22~45	23	41	19		HDS-07	HDP-07A	FDC-07	S-0	L-3T
3100 02007165	-165	2	0.5~7.0	20	28	165	134	57	10	0~4	22~45	23	41	19		HDS-07				
3100 02009075	ST20 -HDZ09 -75	2	2.5~9.0	20	28	75	44	57	10	0~4	27~60	26	41	24	0.5	HDS-09				
3100 02009120	-120	2	2.5~9.0	20	28	120	89	57	10	0~4	27~60	26	41	24	0.6	HDS-09	HDP-09	FDC-09	S-1L	L-3T
3100 02009165	-165	2	2.5~9.0	20	28	165	134	57	10	0~4	27~60	26	41	24		HDS-09				
3100 03207060	ST32 -HDZ07 -60	1	0.5~7.0	32	—	60	39	70	—	0~4	22~45	23	41	19	0.7	HDS-07				
3100 03207105	-105	1	0.5~7.0	32	—	105	84	70	—	0~4	22~45	23	41	19		HDS-07	HDP-07A	FDC-07	S-0	L-3T
3100 03207150	-150	1	0.5~7.0	32	—	150	129	70	—	0~4	22~45	23	41	19		HDS-07				
3100 03209075	ST32 -HDZ09 -75	1	2.5~9.0	32	—	75	54	70	—	0~4	27~60	26	41	24		HDS-09				
3100 03209120	-120	1	2.5~9.0	32	—	120	99	70	—	0~4	27~60	26	41	24		HDS-09	HDP-09	FDC-09	S-1L	L-3T
3100 03209165	-165	1	2.5~9.0	32	—	165	144	70	—	0~4	27~60	26	41	24		HDS-09				
3100 03212090	ST32 -HDZ12 -90	2	2.5~12.0	32	40	90	55	70	10	0~5	33~69	32	52	30	1.0	HDS-12				
3100 03212135	-135	2	2.5~12.0	32	40	135	100	70	10	0~5	33~69	32	52	30	1.3	HDS-12	HDP-12	FDC-12	S-3L	L-4T
3100 03212180	-180	2	2.5~12.0	32	40	180	145	70	10	0~5	33~69	32	52	30		HDS-12				
3100 03216090	ST32 -HDZ16 -90	2	3.5~16.0	32	40	90	55	70	10	0~6	38~82	36	56	30	1.1	HDS-16				
3100 03216135	-135	2	3.5~16.0	32	40	135	100	70	10	0~6	38~82	36	56	30		HDS-16	HDP-16	FDC-16	S-4L	L-4T
3100 03216180	-180	2	3.5~16.0	32	40	180	145	70	10	0~6	38~82	36	56	30		HDS-16				
3100 03222105	ST32 -HDZ22 -105	2	3.5~22.0	32	40	105	64	70	7	0~8	47~73	46	69	42	1.6	HDS-22				
3100 03222150	-150	2	3.5~22.0	32	40	150	109	70	7	0~8	47~103	46	69	42	2.1	HDS-22	HDP-22	FDC-22	S-5L	L-5T
3100 03222195	-195	2	3.5~22.0	32	40	195	154	70	7	0~8	47~103	46	69	42		HDS-22				
3100 04212090	ST42 -HDZ12 -90	1	2.5~12.0	42	—	90	65	75	—	0~5	33~69	32	52	30		HDS-12				
3100 04212135	-135	1	2.5~12.0	42	—	135	110	75	—	0~5	33~69	32	52	30		HDS-12	HDP-12	FDC-12	S-3L	L-4T
3100 04212180	-180	1	2.5~12.0	42	—	180	155	75	—	0~5	33~69	32	52	30		HDS-12				
3100 04216090	ST42 -HDZ16 -90	1	3.5~16.0	42	—	90	65	75	—	0~6	38~82	36	56	30		HDS-16				
3100 04216135	-135	1	3.5~16.0	42	—	135	110	75	—	0~6	38~82	36	56	30		HDS-16	HDP-16	FDC-16	S-4L	L-4T
3100 04216180	-180	1	3.5~16.0	42	—	180	155	75	—	0~6	38~82	36	56	30		HDS-16				
3100 04222105	ST42 -HDZ22 -105	2	3.5~22.0	42	52	105	64	75	7	0~8	47~103	46	69	42		HDS-22				
3100 04222150	-150	2	3.5~22.0	42	52	150	109	75	7	0~8	47~103	46	69	42		HDS-22	HDP-22	FDC-22	S-5L	L-5T
3100 04222195	-195	2	3.5~22.0	42	52	195	154	75	7	0~8	47~103	46	69	42		HDS-22				

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.ℓ indicates dimension when using with a preset screw.

4.See ACC.14 for standard Tightening Torque.

Collet

ACC 02-03



Spanner

ACC 14



Preset screw

ACC 15



Adjustment wrench

R-Ø 06



Ordering Example

ST32 - HDZ 12 - 90

Shank size

Max.
collet I.D.

Projection
length (L)

Inch Sizes (Shank)

Unit : Inch

Code	Model	Type	d	C ⁰ _{-0.0005}	C1	L	ℓ	L1	L2	L3	B	D	D1	S	kg	Preset Screw	Nut	Collet	Spanner	Wrench
3100 12407075	ST0750 -HDZ07 -75	2	0.020~0.276	0.750	1.102	2.953	0.866~1.772	1.732	2.24	0.39	0.0~0.157	0.906	1.614	0.748 (19mm)	0.6	HDS-07				
3100 12407120	-120	2	0.020~0.276	0.750	1.102	4.724	0.866~1.772	3.504	2.24	0.39	0.0~0.157	0.906	1.614	0.748 (19mm)		HDS-07	HDP-07A	FDC-07	S-0	
3100 12407165	-165	2	0.020~0.276	0.750	1.102	6.496	0.866~1.772	5.276	2.24	0.39	0.0~0.157	0.906	1.614	0.748 (19mm)		HDS-07				L-3T (3mm)
3100 12409075	ST0750 -HDZ09 -75	2	0.098~0.354	0.750	1.102	2.953	1.063~2.244	1.732	2.24	0.39	0.0~0.157	1.024	1.614	0.945 (24mm)		HDS-09				
3100 12409120	-120	2	0.098~0.354	0.750	1.102	4.724	1.063~2.244	3.504	2.24	0.39	0.0~0.157	1.024	1.614	0.945 (24mm)		HDS-09	HDP-09	FDC-09	S-1L	
3100 12409165	-165	2	0.098~0.354	0.750	1.102	6.496	1.063~2.244	5.276	2.24	0.39	0.0~0.157	1.024	1.614	0.945 (24mm)		HDS-09				
3100 14007060	ST1250 -HDZ07 -60	1	0.020~0.276	1.250	—	2.362	0.866~1.772	1.535	2.76	—	0.0~0.157	0.906	1.614	0.748 (19mm)		HDS-07				
3100 14007105	-105	1	0.020~0.276	1.250	—	4.134	0.866~1.772	3.307	2.76	—	0.0~0.157	0.906	1.614	0.748 (19mm)		HDS-07	HDP-07A	FDC-07	S-0	
3100 14007150	-150	1	0.020~0.276	1.250	—	5.906	0.866~1.772	5.079	2.76	—	0.0~0.157	0.906	1.614	0.748 (19mm)		HDS-07				L-3T (3mm)
3100 14009075	ST1250 -HDZ09 -75	1	0.098~0.354	1.250	—	2.953	1.063~2.244	2.126	2.76	—	0.0~0.157	1.024	1.614	0.945 (24mm)		HDS-09				
3100 14009120	-120	1	0.098~0.354	1.250	—	4.724	1.063~2.244	3.898	2.76	—	0.0~0.157	1.024	1.614	0.945 (24mm)		HDS-09	HDP-09	FDC-09	S-1L	
3100 14009165	-165	1	0.098~0.354	1.250	—	6.496	1.063~2.244	5.669	2.76	—	0.0~0.157	1.024	1.614	0.945 (24mm)		HDS-09				
3100 14012090	ST1250 -HDZ12 -90	2	0.098~0.472	1.250	1.575	3.543	1.299~2.677	2.165	2.76	0.39	0.0~0.197	1.260	2.047	1.811 (30mm)		HDS-12				
3100 14012135	-135	2	0.098~0.472	1.250	1.575	5.315	1.299~2.677	3.937	2.76	0.39	0.0~0.197	1.260	2.047	1.811 (30mm)		HDS-12	HDP-12	FDC-12	S-3L	
3100 14012180	-180	2	0.098~0.472	1.250	1.575	7.087	1.299~2.677	5.709	2.76	0.39	0.0~0.197	1.260	2.047	1.811 (30mm)		HDS-12				L-4T (4mm)
3100 14016090	ST1250 -HDZ16 -90	2	0.138~0.630	1.250	1.575	3.543	1.496~3.189	2.165	2.76	0.39	0.0~0.236	1.417	2.205	1.811 (30mm)	1.1	HDS-16				
3100 14016135	-135	2	0.138~0.630	1.250	1.575	5.315	1.496~3.189	3.937	2.76	0.39	0.0~0.236	1.417	2.205	1.811 (30mm)	1.4	HDS-16	HDP-16	FDC-16	S-4L	
3100 14016180	-180	2	0.138~0.630	1.250	1.575	7.087	1.496~3.189	5.709	2.76	0.39	0.0~0.236	1.417	2.205	1.811 (30mm)	1.7	HDS-16				
3100 14022105	ST1250 HDZ22 -105	2	0.318~0.866	1.250	1.575	4.134	1.850~2.874	2.520	2.76	0.28	0.0~0.315	1.811	2.717	1.654 (42mm)		HDS-22				
3100 14022150	-150	2	0.318~0.866	1.250	1.575	5.906	1.850~4.055	4.291	2.76	0.28	0.0~0.315	1.811	2.717	1.654 (42mm)		HDS-22	HDP-22	FDC-22	S-5L	L-5T (5mm)
3100 14022195	-195	2	0.318~0.866	1.250	1.575	7.677	1.850~4.055	6.063	2.76	0.28	0.0~0.315	1.811	2.717	1.654 (42mm)		HDS-22				

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. ℓ indicates dimension when using with a preset screw.

4. See ACC 14 for standard tightening torque.

Collet

ACC 02-03



Spanner

ACC 14



Preset screw

ACC 15



Adjustment wrench

R-Z 06



Ordering Example

ST1250 - HDZ 12 - 90

Shank size

Max.
collet I.D.Projection
length (L)