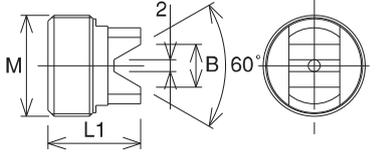


HDS, ES

Preset Screw

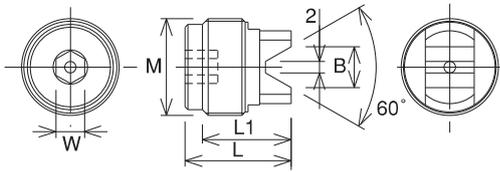
HDC·A, GDC·A, HDZ, GDZ

Standard

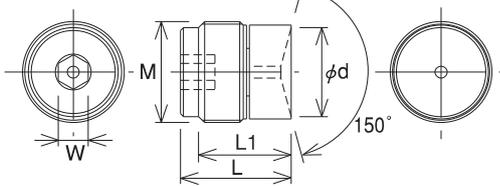


With hex. hole

Type 1

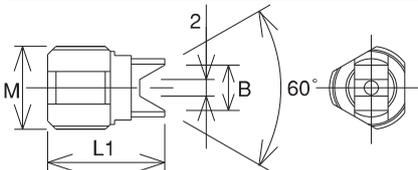


Type 2



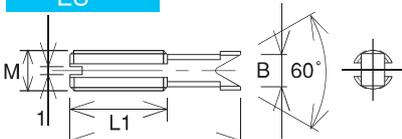
1. In case using drill less than $\phi 2$ for models with *, length adjustment function does not work since drill goes into coolant hole.
2. Max. adjustment range can be different from standard preset screw.

For semi-dry machining



ERC, ERC-T, ERZ

ES**



Unit : Metric

Code	Model	B	M	L	L1	Holder size
2555 0000008	ES8	4	M5 P=0.8	21	12	ERC8

Unit : Metric

Code	Model	B	M	L1	Holder size
2545 0000007	HDS-07	5.5	M8 P=1	14	07
2545 0000009	HDS-09	5.5	M10 P=1	14	09
2545 0000012	HDS-12	7.2	M14 P=1	15.5	12
2545 0000016	HDS-16	7.2	M17 P=1	15.5	16
2545 0000022	HDS-22	9.5	M23 P=1	17.5	22

Unit : Metric

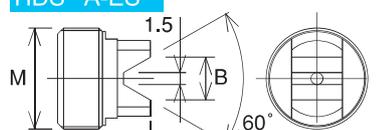
Code	Model	Type	W	B	ϕd	M	L	L1	Holder size
2545 3000007	HDS-07-3	1	3	5.5	—	M8 P=1	17	14	07
2545 4000007	HDS-07-4	1	4	5.5	—	M8 P=1	17	14	07
2545 3000009	HDS-09-3	1	3	5.5	—	M10 P=1	17	14	09
2545 4000009	HDS-09-4	1	4	5.5	—	M10 P=1	17	14	09
2545 5000009	HDS-09-5	1	5	5.5	—	M10 P=1	17	14	09
2545 3000012	HDS-12-3	1	3	7.2	—	M14 P=1	18.5	15.5	12
2545 4000012	HDS-12-4	1	4	7.2	—	M14 P=1	18.5	15.5	12
2545 5000012	HDS-12-5	1	5	7.2	—	M14 P=1	18.5	15.5	12
2545 3000016	HDS-16-3	1	3	7.2	—	M17 P=1	18.5	15.5	16
2545 4000016	HDS-16-4	1	4	7.2	—	M17 P=1	18.5	15.5	16
2545 5000016	HDS-16-5	1	5	7.2	—	M17 P=1	18.5	15.5	16
2545 3000022	HDS-22-3	1	3	9.5	—	M23 P=1	20.5	17.5	22
2545 4000022	HDS-22-4	1	4	9.5	—	M23 P=1	20.5	17.5	22
2545 5000022	HDS-22-5	1	5	9.5	—	M23 P=1	20.5	17.5	22
2545 3100007	HDS-07-3C *	2	3	—	6	M8 P=1	17	14	07
2545 4100007	HDS-07-4C *	2	4	—	6	M8 P=1	17	14	07
2545 3100009	HDS-09-3C	2	3	—	8	M10 P=1	17	14	09
2545 4100009	HDS-09-4C	2	4	—	8	M10 P=1	17	14	09
2545 5100009	HDS-09-5C	2	5	—	8	M10 P=1	17	14	09
2545 3100012	HDS-12-3C	2	3	—	12	M14 P=1	18.5	15.5	12
2545 4100012	HDS-12-4C	2	4	—	12	M14 P=1	18.5	15.5	12
2545 5100012	HDS-12-5C	2	5	—	12	M14 P=1	18.5	15.5	12
2545 3100016	HDS-16-3C	2	3	—	15	M17 P=1	18.5	15.5	16
2545 4100016	HDS-16-4C	2	4	—	15	M17 P=1	18.5	15.5	16
2545 5100016	HDS-16-5C	2	5	—	15	M17 P=1	18.5	15.5	16
2545 3100022	HDS-22-3C	2	3	—	21	M23 P=1	20.5	17.5	22
2545 4100022	HDS-22-4C	2	4	—	21	M23 P=1	20.5	17.5	22
2545 5100022	HDS-22-5C	2	5	—	21	M23 P=1	20.5	17.5	22

Unit : Metric

Code	Model	L	B	D	M	Holder size
3164 0000007	HDS-07-MS	14	5.5	7	M8 P=1	7
3164 0000009	HDS-09-MS	14	5.5	7	M10 P=1	9
3164 0000012	HDS-12-MS	15.5	7.2	12.8	M14 P=1	12
3164 0000016	HDS-16-MS	15.5	7.2	12.8	M17 P=1	16
3164 0000022	HDS-22-MS	17.5	9.5	18	M23 P=1	22

1. For cutting tool with or without oil hole.
2. Not applicable for cutting tools with less than $\phi 3$ shank diameter.

HDS**A-ES**



Unit : Metric

Code	Model	B	M	L1	Holder size
2555 00070011	HDS-07A-ES11	5.5	M8 P=1	14.5	ERC11S