

Tooling system



High precision and high quality tools provided
with advanced technology



Tooling System

- Hydraulic Chuck for high precision machining due to high accuracy and high clamping force
- Compact Design Shrinking Chuck for Ultra High Speed and high precision
- Enhanced Durability Milling Chuck for Mideum Cutting by Powerful Clamping and Prevention of Minute dust
- Collet Chuck for Ultra High- Speed & High-Accuracy



DHE

DBT-DHE



Fig.1

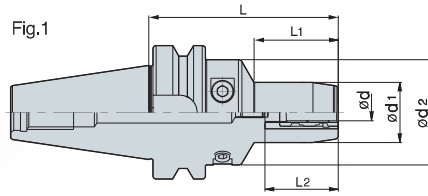


Fig.2

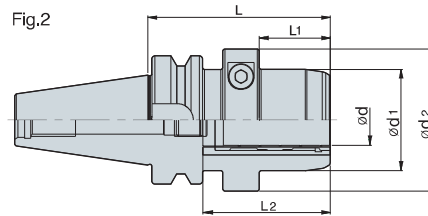
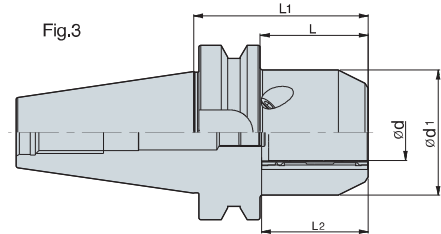


Fig.3



(mm)

Designation	Ød	L	Ød1	Ød2	L1	L2	Screw	Fig.	
DBT30 -	DHE 6 - 65	6	65	29	46	33	30~40	M5	1
	DHE 8 - 65	8	65	31	46	33	30~40	M5	1
	DHE10 - 65	10	65	33	46	34	35~45	M10	1
	DHE12 - 65	12	65	35	46	34	41~51	M10	1
	DHE14 - 90	14	90	38	46	45	43~53	M10	1
	DHE16 - 90	16	90	40	46	45	46~56	M10	1
	DHE18 - 90	18	90	42	46	45	49~59	M10	1
	DHE20 - 90	20	90	44	46	45	49~59	M10	1
DBT40 -	DHE 6 - 90	6	90	29	50	40	30~40	M5	1
	140	6	140	29	50	40	30~40	M5	1
	DHE 8 - 90	8	90	31	50	40	30~40	M5	1
	140	8	140	31	50	40	30~40	M5	1
	DHE10 - 90	10	90	33	50	40	35~45	M5	1
	140	10	140	33	50	40	35~45	M5	1
	DHE12 - 90	12	90	35	50	40	41~51	M10	1
	140	12	140	35	50	40	41~51	M10	1
	DHE14 - 90	14	90	38	50	40	43~53	M10	1
	140	14	140	38	50	40	43~53	M10	1
	DHE16 - 90	16	90	40	50	45	46~56	M10	1
	140	16	140	40	50	45	46~56	M10	1
	DHE18 - 90	18	90	42	50	45	49~59	M10	1
	140	18	140	42	50	45	49~59	M10	1
	DHE20 - 90	20	90	44	50	47	49~59	M10	1
	140	20	140	44	50	47	49~59	M10	1
	DHE25 - 90	25	90	50	70	35	58~68	M16	2
	DHE32 - 90	32	90	63	80	35	58~68	M16	2
DBT50 -	DHE 6 - 90	6	90	29	50	34	30~34	M5	1
	140	6	140	29	50	34	30~34	M5	1
	DHE 8 - 90	8	90	31	50	34	30~34	M5	1
	140	8	140	31	50	34	30~34	M5	1
	DHE10 - 90	10	90	33	50	34	35~45	M5	1
	140	10	140	33	50	34	35~45	M5	1
	DHE12 - 90	12	90	35	50	34	41~51	M10	1
	140	12	140	35	50	34	41~51	M10	1
	DHE14 - 90	14	90	38	50	34	43~53	M10	1
	140	14	140	38	50	34	43~53	M10	1
	DHE16 - 90	16	90	40	50	34	46~56	M10	1
	140	16	140	40	50	34	46~56	M10	1
	DHE18 - 90	18	90	42	50	34	49~59	M10	1
	140	18	140	42	50	34	49~59	M10	1
	DHE20 - 90	20	90	44	50	34	49~59	M10	1
	140	20	140	44	50	34	49~59	M10	1
	DHE25 - 90	25	90	50	-	34	58~68	M16	3
	DHE32 - 90	32	90	63	-	52	58~68	M16	3

• DHE 14 and 18 are order-made items.
 • Spare Part, see pages 225