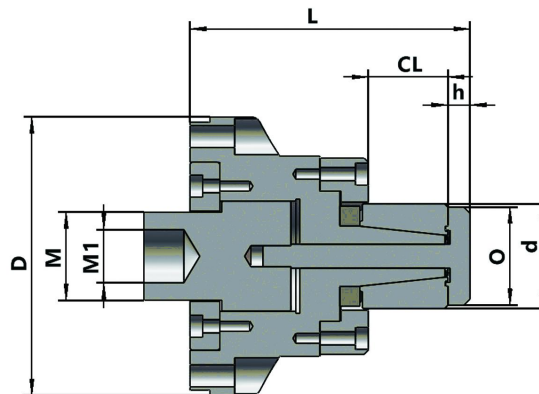


Mandrels - KB Series



Suitable for workpieces with through-holes for internal expansion.

<i>Model</i>	<i>D</i>	<i>L</i>	<i>O</i>	<i>h</i>	<i>d</i>	<i>M</i>
KB100	139	100	19	7.5	20-28	M44*1.5
KB110	139	110	25	11	26-38	M44*1.5
KB120	139	130	35	10	36-54	M44*1.5
KB130	139	140	49	11	50-80	M44*1.5
KB140	139	155	68	16	69-120	M44*1.5
KB150	230	195	97	16	100-130	M44*1.5
KB160	230	220	125	25	130-160	M44*1.5
KB170	230	245	156	29.5	160-200	M44*1.5

<i>Model</i>	<i>M1</i>	<i>Collet</i>	<i>Type</i>	<i>Stroke</i>	<i>Max. CL</i>	<i>Clamping Range</i>
KB100	M30*1.5	SB100	Pull-back	1.5+2	22	±0.25
KB110	M30*1.5	SB110	Pull-back	1.5+2	26	±0.25
KB120	M30*1.5	SB120	Pull-back	1.5+2	43	±0.25
KB130	M30*1.5	SB130	Pull-back	2+2.5	49	±0.3
KB140	M30*1.5	SB140	Pull-back	2.5+3	59	±0.4
KB150	M30*1.5	SB150	Pull-back	3+3	86	±0.5
KB160	M30*1.5	SB160	Pull-back	3+3	96	±0.5
KB170	M30*1.5	SB170	Pull-back	3+3	94	±0.5