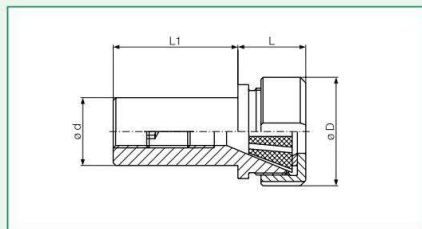
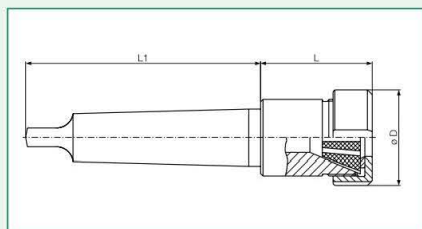
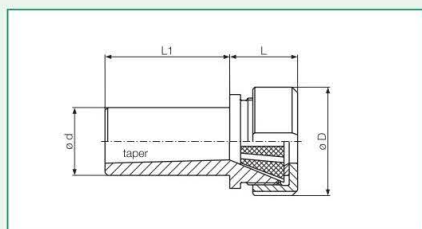


>> *Drill holders for series J rubber-collets**with cylindrical shank*

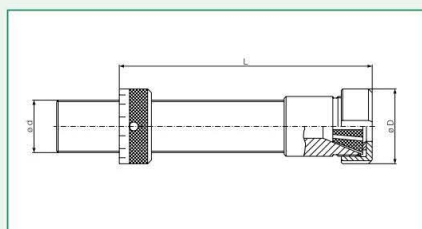
Art.-no.	type	L	L1	D	d	clamping range
J 3160	41	19	30	21	5/8"	1 - 6,5
J 3161	41	19	46	21	3/4"	1 - 6,5
J 3162	41	19	30	21	16	1 - 6,5
J 3163	41	19	46	21	20	1 - 6,5
J 3170	42	25	46	31	3/4"	2 - 10
J 3171	42	25	46	31	1"	2 - 10
J 3173	42	25	46	31	20	2 - 10
J 3172	42	25	46	31	25	2 - 10
J 3180	44	25	46	40	1"	1,8 - 13
J 3181	44	25	46	40	1 1/4"	1,8 - 13
J 3184	44	28	46	40	20	1,8 - 13
J 3182	44	25	46	40	25	1,8 - 13
J 3183	44	25	49	40	30	1,8 - 13

with morse taper shank

Art.-no.	type	L	L1	D	d	clamping range
J 3165	41	26	65,5	21	MK 1	1 - 6,5
J 3166	41	28	78,5	21	MK 2	1 - 6,5
J 3176	42	41	65,5	31	MK 1	2 - 10
J 3177	42	33	78,5	31	MK 2	2 - 10
J 3179	42	33	98	31	MK 3	2 - 10
J 3298	44	47	65,5	40	MK 1	1,8 - 13
J 3299	44	47	78,5	40	MK 2	1,8 - 13
J 3300	44	47	98	40	MK 3	1,8 - 13

with Jacobs taper

Art.-no.	type	L	L1	D	d	clamping range
J 3167	41	19	47	21	B 10	1 - 6,5
J 3164	41	19	50	21	B 12	1 - 6,5
J 3301	42	25	51	31	B 12	2 - 10
J 3168	42	25	56	31	B 16	2 - 10
J 3185	44	25	67	40	B 16	1,8 - 13
J 3303	44	25	67	40	B 18	1,8 - 13

with adaptor shank

Art.-no.	type	L			D	d	clamping range
		min.	max.				
J 3327	41	28	55		21	Tr 12 x 1,5	1 - 6,5
J 3291	41	30	60		21	Tr 16 x 1,5	1 - 6,5
J 3292	42	37	65		31	Tr 20 x 2	2 - 10
J 3293	44	49	85		40	Tr 28 x 2	1,8 - 13
J 3294	44	49	75		40	Tr 36 x 2	1,8 - 13