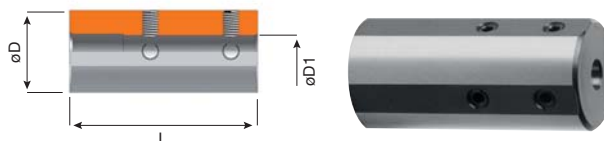


Jets, nozzles and pipes see products on page 454

VDI TOOLHOLDERS

TKn Reduction bush for tools with cylindrical shank

Cylindrical reduction bush E2-1 with grub screws for tools with cylindrical shank; in hardening steel, tempered, burnished (HRC 53-55), completely rectified.

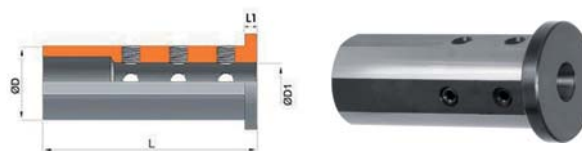


Code	€	ø D1 (mm)	ø D (mm)	L (mm)
C453003208	◆	8	32	70
C453003210	◆	10	32	70
C453003212	◆	12	32	70
C453003216	◆	16	32	70
C453003220	◆	20	32	70
C453004008	◆	8	40	80

Code	€	ø D1 (mm)	ø D (mm)	L (mm)
C453004010	◆	10	40	80
C453004012	◆	12	40	80
C453004016	◆	16	40	80
C453004020	◆	20	40	80
C453004025	◆	25	40	80

TKn Reduction bush with collar for tools with cylindrical shank

Reduction collarbush with grub screws for tools with cylindrical shank; in hardening steel, tempered, burnished (HRC 53-55), completely rectified.

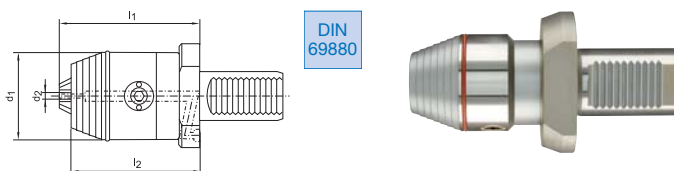


Code	€	ø D1 (mm)	ø D (mm)	L (mm)	L1 (mm)	Closing with
C453052506	◆	6	25	65	5	grains
C453052508	◆	8	25	65	5	grains
C453052510	◆	10	25	65	5	grains
C453052512	◆	12	25	65	5	grains
C453052516	◆	16	25	65	5	eyelet
C453052520	◆	20	25	65	5	eyelet
C453053206	◆	6	32	70	5	grains
C453053208	◆	8	32	70	5	grains
C453053210	◆	10	32	70	5	grains
C453053212	◆	12	32	70	5	grains
C453053216	◆	16	32	70	5	grains
C453053220	◆	20	32	70	5	eyelet
C453053225	◆	25	32	70	5	eyelet

Code	€	ø D1 (mm)	ø D (mm)	L (mm)	L1 (mm)	Closing with
C453054008	◆	8	40	80	5	grains
C453054010	◆	10	40	80	5	grains
C453054012	◆	12	40	80	5	grains
C453054016	◆	16	40	80	5	grains
C453054020	◆	20	40	80	5	grains
C453054025	◆	25	40	80	5	grains
C453054032	◆	32	40	80	5	eyelet
C453055016	◆	16	50	90	5	grains
C453055020	◆	20	50	90	5	grains
C453055025	◆	25	50	90	5	grains
C453055032	◆	32	50	90	5	grains
C453055040	◆	40	50	90	5	eyelet

Bit chuck with VDI coupling

Precision chuck, concentricity 0.02 mm, with VDI DIN 69880 connector, for cylindrical shank bits, central cutting fluid feeder, locking with wrench.



Code	€	Type (E7 VDI)	d2 (mm)	d1 (mm)	l1 (mm)	l2 (mm)
C452060015	◇	30	0,3-8	36	71	68
C452060020	◇	30	0,5-13	50	96	90
C452060025	◇	30	2,5-16	57	101	95

Code	€	Type (E7 VDI)	d2 (mm)	d1 (mm)	l1 (mm)	l2 (mm)
C452060028	◇	40	0,3-8	36	71	68
C452060030	◇	40	0,5-13	60	96	90
C452060035	◇	40	2,5-16	57	101	95