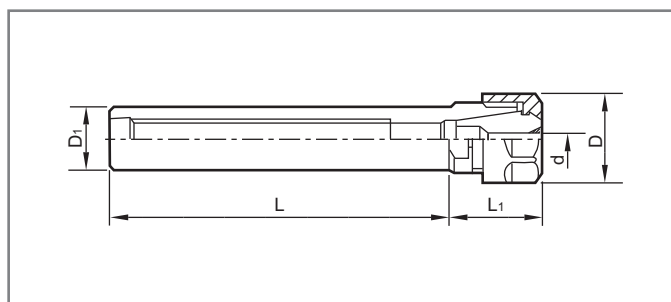


Cylindrical Shank Extension bar

Features:

- All short version L=50 are designed with side lock flat.

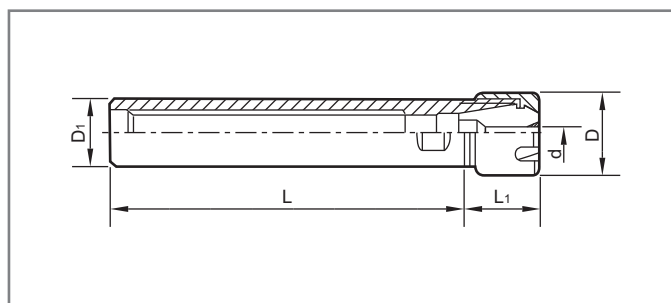


D1	Ordering Code	Type of Holder	L	L1	D	d	Collets
16	329100-2120	SL16-ER11-50(flat)	50	21	19	0.5-7	ER11
	-2140	BC16-ER11-100	100				
20	-3220	SL20-ER16-50(flat)	50	30	28	0.5-10	ER16
	-3240	BC20-ER16-100	100				
	-3260	-ER16-150	150				
25	-3320	SL25-ER16-50(flat)	50	30	28	0.5-10	ER16
	-3340	-ER16-100(flat)	100				
	-3360	BC25-ER16-150	150				
20	-4220	SL20-ER20-50(flat)	50	36	34	2-13	ER20
	-4240	BC20-ER20-100	100				
	-4260	-ER20-150	150				
25	-4320	SL25-ER20-50(flat)	50	36	34	2-13	ER20
	-4340	-ER20-100(flat)	100				
	-4360	BC25-ER20-150	150				

Cylindrical Shank Extension bar-mini

Features:

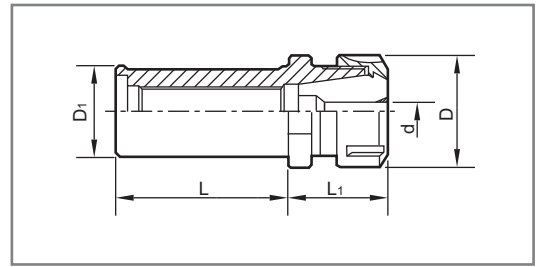
- Supplied with mini type clamping nut.
- All short version L=50 are designed with side lock flat.



D1	Ordering Code	Type of Holder	L	L1	D	d	Collets
16	329100-2122	SL16-ER11M-50(flat)	50	22	16	0.5-7	ER11
	-2142	BC16-ER11M-100	100				
	-3142	-ER16M-100	100				
20	-3222	SL20-ER16M-50(flat)	50	32	22	0.5-10	ER16
	-3242	BC20-ER16M-100	100				
25	-3262	-ER16M-150	150	32	22	0.5-10	ER16
	-3342	BC25-ER16M-100	100				
25	-3362	-ER16M-150	150	32	22	0.5-10	ER16
	-3362	-ER16M-150	150				
20	-4222	SL20-ER20M-50(flat)	50	35	28	2-13	ER20
	-4242	BC20-ER20M-100	100				
	-4262	-ER20M-150	150				
25	-4342	BC25-ER20M-100	50	35	28	2-13	ER20
	-4362	-ER20M-150	150				

Cylindrical Shank

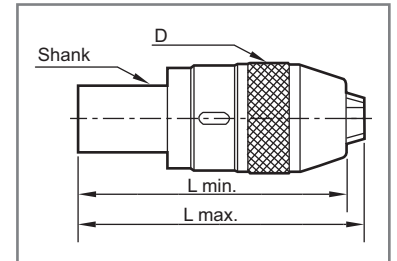
- With Cylindrical and side-lock flat types.



D1	Ordering Code	Type of Holder	L	L1	D	d	Collets
20	328100-5240	BC20-ER25-100	100	46	42	0.5-10	ER25
	-5260	-ER25-150	150				
25	-5320	SL25-ER25-100(Flat)	100				
	-5340	BC25-ER25-150	150				
32	-5420	SL32-ER25-60(Flat)	60	54	50	2-20	ER32
25	-6320	SL25-ER32-80(Flat)	80				
32	-6440	SL32-ER32-100(Flat)	100				
	-6460	BC32-ER32-150	150				
1"	-6720	BC1"-ER32-3"	3"	55	63	3-26	ER40
32	-7420	SL32-ER40-100(Flat)	100				
40	-7520	SL40-ER40-100(Flat)	100				
1 1/4"	-7920	BC 1-1/4"-ER40-3"	3"				

Taper and Cylindrical Shank Keyless Drill Chucks

- Integrated Keyless Drill Chuck
- Cylindrical shank, Morse Taper Shank and R8
- Morse taper shank is according to DIN 228 From B.



Shank	Ordering Code	Type of Holder	Clamping Range	D	Lmin.	Lmax.
MT2	362190-102	MT2-INT 8	0 - 8	35	149	157
	-202	-INT13	0 - 13	50.5	172	184
MT3	363190-202	MT3-INT13	0 - 13	50.5	190	201
	-302	-INT16	3 - 16	56	194	207
MT4	364190-202	MT4-INT13	0 - 13	50.5	216	227
	-302	-INT16	3 - 16	56	219	232
BC20	329190-201	BC20-INT 8	0 - 8	35	133	141
	-202	-INT13	0 - 13	50.5	153	164
BC25	-252	BC25-INT13	0 - 13	50.5	163	174
	-253	-INT16	3 - 16	56	162	175
BC32	-322	BC32-INT13	0 - 13	50.5	173	185
	-323	-INT16	3 - 16	56	184	197
R8	359190-202	R8-INT13	0 - 13	50.5	196	207
	-302	-INT16	3 - 16	56	198	211