

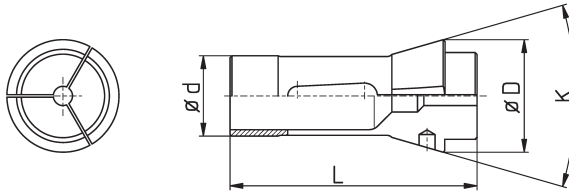
# Werkstückspannung

## *Workpiece Clamping*



*passion for clamping*

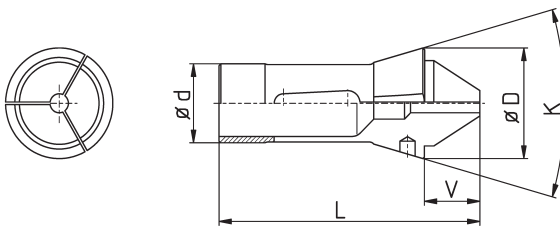
## Dead Length Collets



Bestell-Nr. order-no.	F-Nummer F-type	d	D	L	K	max Ø	max. 6-kt max. hex	max. 4-kt max square
101E	F8 76-577	8	12	42	32°	6,35		
109E	F10 76-86	10	15,5	47,5	40°	8,0	7,0	5,5
116E	F13 76-357	13	19	63,5	32°	10,0	8,0	7,0
120E	F15 76-580	15	21	64	32°	13,0	11,0	9,0
1212E	F16 76-1076	16	21	64	32°	13,0	10,0	8,0
136E	F20 76-201	20	26	54	30°	16,0	14,0	10,0
138E	F20 76-87	20	28	67	32°	16,0	14,0	11,0
140E	F22 76-71	22	30	55	30°	16,0	15,0	10,0
145E	F25 76-64	25	35	77	32°	20,0	17,0	14,0
147E	F27 76-22	27	38	73	30°	23,0	20,0	16,0
148E	F28 76-93	28	38	70	30°	24,0	19,0	16,0
157E	F30 76-63	30	42	80	32°	26,0	22,0	18,0
1446E	F30 76-101	30	38	65	30°	26,0	22,0	17,0
161E	F32 76-221	32	45	75	30°	28,0	24,0	19,0
163E	F35 76-94	35	48	80	30°	30,0	27,0	20,0
1536E	F37 76-740	37	47	92	32°	32,0	27,0	22,0
164E	F38 76-72	38	49	108	30°	32,0	27,0	22,0
F40	F40	40	47	92	32°	36,0	30,0	25,0
171E	F42 76-99	42	55	94	30°	37,0	32,0	26,0
173E	F48 76-81	48	60	94	30°	42,0	38,0	30,0
185E	F66 76-59	66	84	110	30°	60,0	50,0	41,0

## Vorbauspannzangen

## Extended Nose Collets



Version ...-V



Version ...-VS



Bestell-Nr. order-no.	F-Nummer F-type	d	D	L	V	K	max Ø
120E-VS	F15 76-580	15	21	64		32°	
1212E-VS	F16 76-1076	16	21	64		32°	
136E-VS	F20 76-201	20	26	54		30°	
138E-VS	F20 76-87	20	28	67		32°	
1446E-VS	F30 76-101	30	38	65		30°	
145E-VS	F25 76-64	25	35	77		32°	1,5 - 16
1536E-V / 1536E-VS	F37 76-740	37	47	92	20	32°	2 - 19
173E-VS	F48 76-81	48	60	94		30°	8 - 43

- Bei Bestellung bitte angeben ob V- oder VS-Version gewünscht wird: ... - **V** bzw. ... - **VS**
- 4-kt / 6-Kt Profile auf Anfrage

- Please specify the version V- or VS
- square / hex shapes on request

## Dead Length Collets

kaltvulkanisiert

vulcanized



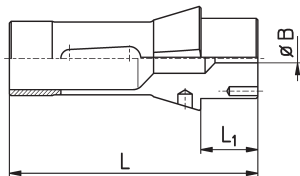
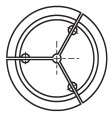
### Vorteile - advantages

- Exakte Abdichtung
- Verhindert Verschmutzung / Späne in der Bohrung
- Verhindert Rücklauf des Kühlschmierstoffs
- Ohne Silikon! Verwendbar für Medizintechnik!

- accurate sealing
- prevents dirt / chips in the bore
- prevents backward movement of coolant
- without silicone! Applicable for medical industry!

### Notfall-Spannzangen

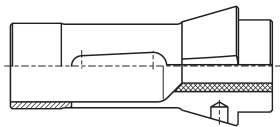
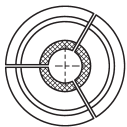
### Emergency Collets



Anwendung usage	Bestell-Nr. order-no.	L	Vorbaulänge L1 extended nose length	B
<ul style="list-style-type: none"> <li>- Spannzange kann auf beliebiges Anwendermaß selbst ausgedreht werden.</li> <li>- Stifte in den Bohrungen beim Ausdrehen bewirken bei der Anwendung eine passgenaue Spannung.</li> <li>- <i>The collet can be turned to every size which is required.</i></li> <li>- <i>The pins in the front bores effect a accurate clamping while turning out to the required diameter</i></li> </ul>	138E-Emergency		16	
	145E-Emergency		20 / 30	1,5 / 3
	1536E-Emergency		20 / 4-slot 20	3
	161E-Emergency		8	
	171E-Emergency		8	

### Druckspannzangen mit Kunststoffeinsatz

### Dead Length Collets with Polymere Insert



Spanndurchmesser ab 2,5 mm

clamping diameter from 2,5 mm

### Vorteile - advantages

- Verhinderung von Druckstellen
- Abgreifen auf Gewinden möglich
- Abgreifen empfindlicher Oberflächen

- Prevents pressure points on the parts
- pick up on threads possible
- pick up of sensitive surfaces