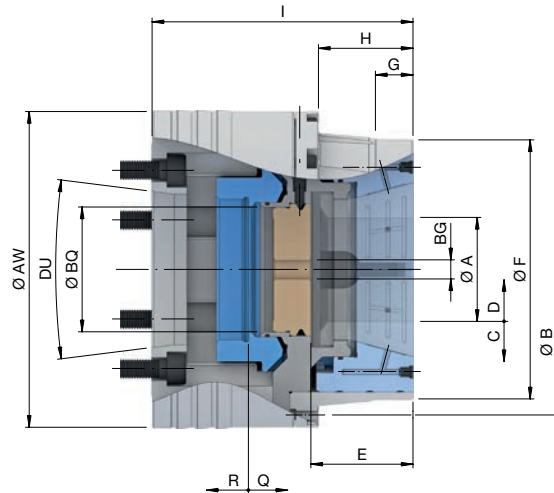




TOPlus mini deadlength size 26. Technical data



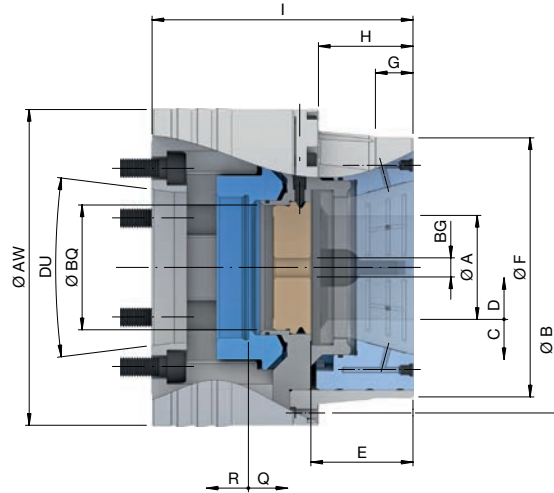
Size	26	
Variant	Deadlength	
Run-out ≤ [mm]	0,020	
Max. radial clamping force [kN]	35	
Max. axial compression force [kN]	16	
RPM n max. [1/min.]	10000	
Clamping range [mm]	A	3 – 26
Release stroke in Ø [mm]	C	0,6
Reserve stroke in Ø [mm]	D	0,6
Range / recommended workpiece tolerance [mm]	± 0,3	
End-stop depth [mm]	E	34,5
Ø Capacity [mm]	BQ	27
End-stop thread size [M]	BG	8
Location front end-stop	F	Ø 74 f7
Centering length [mm]	G	20
Bolt hole circle end-stop	B	LK Ø 88 [3 x M4]
Length [mm]	H	33
Reserve stroke axial [mm]	Q	1
Release stroke axial [mm]	R	2

Spindle nose	DU	A2-4		A2-5		
Total length [mm]	I	99	110	101	110	130
Outer Ø [mm]	AW	114		128		
Weight [kg]		4,8	5,3	5,4	5,9	6,8
In stock		✓	✓	✓	✓	✓
Material no.		10000797	10000798	10000799	10000800	10000801

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TOPlus mini deadlength size 40. Technical data



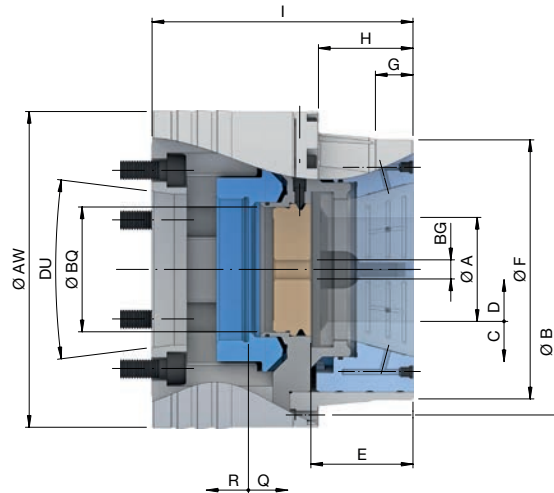
Size	40	
Variant	Deadlength	
Run-out ≤ [mm]		0,020
Max. radial clamping force [kN]		103
Max. axial compression force [kN]		33
RPM n max. [1/min.]		7000
Clamping range [mm]	A	3 – 40
Release stroke in Ø [mm]	C	0,5
Reserve stroke in Ø [mm]	D	0,8
Range / recommended workpiece tolerance [mm]		± 0,5
End-stop depth [mm]	E	47,7
Ø Capacity [mm]	BQ	44
End-stop thread size [M]	BG	10
Location front end-stop	F	Ø 99 f7
Centering length [mm]	G	20
Bolt hole circle end-stop	B	LK Ø 115 [3 x M4]
Length [mm]	H	47
Reserve stroke axial [mm]	Q	2
Release stroke axial [mm]	R	2

Spindle nose	DU	A2-4		A2-5		A2-6	
Total length [mm]	I	123	115	123	140	122	139
Outer Ø [mm]	AW	134				160	
Weight [kg]		8,2	7,5	8	8,9	10	11,3
In stock		✓	✓	✓	✓	✓	✓
Material no.		10000802	10000803	10000804	10000805	10000806	10000807

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TOPlus mini deadlength size 52. Technical data



Size	52	
Variant	Deadlength	
Run-out ≤ [mm]	0,020	
Max. radial clamping force [kN]	108	
Max. axial compression force [kN]	40	
RPM n max. [1/min.]	7000	
Clamping range [mm]	A	3 – 52
Release stroke in Ø [mm]	C	0,6
Reserve stroke in Ø [mm]	D	1
Range / recommended workpiece tolerance [mm]	± 0,5	
End-stop depth [mm]	E	45,8
Ø Capacity [mm]	BQ	53
End-stop thread size [M]	BG	10
Location front end-stop	F	Ø 119 f7
Centering length [mm]	G	15
Bolt hole circle end-stop	B	LK Ø 136 [3 x M6]
Length [mm]	H	44
Reserve stroke axial [mm]	Q	2
Release stroke axial [mm]	R	2,5

Spindle nose	DU	A2-5		A2-6		A2-8
Total length [mm]	I	122	147	122	147	120
Outer Ø [mm]	AW	149		163		202
Weight [kg]		10,5	12,4	11,5	13,5	15,4
In stock		✓	✓	✓	✓	✓
Material no.		10000811	10000812	10000813	10000814	10000834

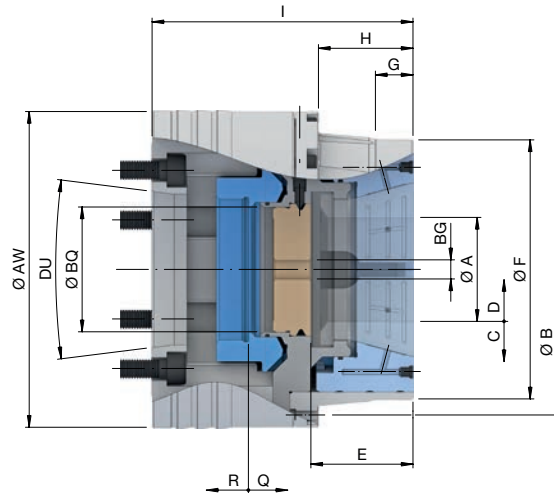
Spindle nose	DU	AP110		AP120		AP140
Total length [mm]	I	100	115	105	115	107
Outer Ø [mm]	AW			149		
Weight [kg]		8,9	10,2	9,3	10	9,1
In stock		✓	✓	✓	✓	✓
Material no.		10000831	10000833	10000815	10000816	10000817

➔

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TOPlus mini deadlength size 65. Technical data



Size	65	
Variant	Deadlength	
Run-out ≤ [mm]	0,020	
Max. radial clamping force [kN]	120	
Max. axial compression force [kN]	45	
RPM n max. [1/min.]	6000	
Clamping range [mm]	A	3 – 65
Release stroke in Ø [mm]	C	0,6
Reserve stroke in Ø [mm]	D	1
Range / recommended workpiece tolerance [mm]	± 0,5	
End-stop depth [mm]	E	54
Ø Capacity [mm]	BQ	66
End-stop thread size [M]	BG	12
Location front end-stop	F	Ø 137 f7
Centering length [mm]	G	20
Bolt hole circle end-stop	B	LK Ø 154 [3 x M6]
Length [mm]	H	50
Reserve stroke axial [mm]	Q	2
Release stroke axial [mm]	R	2,5

Spindle nose	DU	A2-5		A2-6		A2-8	
Total length [mm]	I	128	138	124	138	163	133 163
Outer Ø [mm]	AW	167		165		202	
Weight [kg]		13,7	14,7	12,6	13,9	16,2	17,2 20,5
In stock		✓	✓	✓	✓	✓	✓ ✓
Material no.		10000788	10000789	10000790	10000791	10000792	10000793 10000794

Spindle nose	DU	AP120	AP140	AP170	
Total length [mm]	I	129	138	110	128
Outer Ø [mm]	AW	167		180	
Weight [kg]		14	14,6	12,8	14,9
In stock		✓	✓	✓	✓
Material no.		10000840	10000795	10000836	10000796

➔

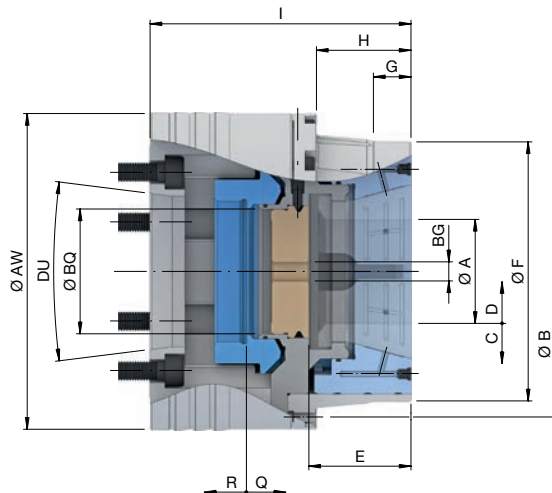
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CHUCKS

TOPlus mini chuck



TOPlus mini deadlength size 80. Technical data



Size	80	
Variant	Deadlength	
Run-out ≤ [mm]	0,020	
Max. radial clamping force [kN]	132	
Max. axial compression force [kN]	50	
RPM n max. [1/min.]	5500	
Clamping range [mm]	A	4 – 80
Release stroke in Ø [mm]	C	0,6
Reserve stroke in Ø [mm]	D	1
Range / recommended workpiece tolerance [mm]	± 0,5	
End-stop depth [mm]	E	55
Ø Capacity [mm]	BQ	82
End-stop thread size [M]	BG	12
Location front end-stop	F	Ø 160 f7
Centering length [mm]	G	25
Bolt hole circle end-stop	B	LK Ø 175 [9 x M6]
Length [mm]	H	51
Reserve stroke axial [mm]	Q	2
Release stroke axial [mm]	R	2,5

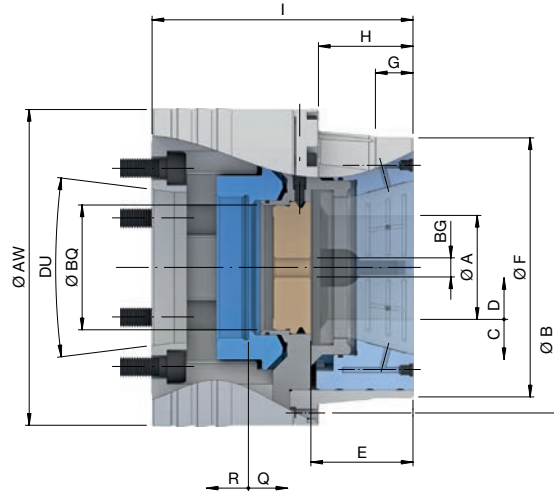
Spindle nose	DU	A2-5		A2-6			A2-8	
Total length [mm]	I	136	130	137	157	132	152	182
Outer Ø [mm]	AW	194	182	193	218	193	205	247
Weight [kg]		20	18,2	19,1	21,8	19,3	21,6	24,7
In stock		✓	✓	✓	✓	✓	✓	✓
Material no.		10017043	10017044	10017045	10017046	10017048	10017049	10017050

Spindle nose	DU	AP140		AP170
Total length [mm]	I	134		115
Outer Ø [mm]	AW	193		193
Weight [kg]		20		16,2
In stock		✓		✓
Material no.		10017051		10017053





TOPlus mini deadlength size 100. Technical data



Size	100	
Variant	Deadlength	
Run-out ≤ [mm]	0,025	
Max. radial clamping force [kN]	172	
Max. axial compression force [kN]	65	
RPM n max. [1/min.]	4650	
Clamping range [mm]	A	15 – 100
Release stroke in Ø [mm]	C	1,6
Reserve stroke in Ø [mm]	D	1,5
Range / recommended workpiece tolerance [mm]	± 1,0	
End-stop depth [mm]	E	74
Ø Capacity [mm]	BQ	102
End-stop thread size [M]	BG	12
Location front end-stop	F	Ø 191 f7
Centering length [mm]	G	30
Bolt hole circle end-stop	B	LK Ø 208 [3 x M6]
Length [mm]	H	64
Reserve stroke axial [mm]	Q	3
Release stroke axial [mm]	R	5

Spindle nose	DU	A2-5		A2-6		A2-8		A2-11	
Total length [mm]	I	171	175	182	169	192	185	200	
Outer Ø [mm]	AW			221					276
Weight [kg]		31,5	31,9	33	29,2	32,6	42,5	45,5	
In stock		✓	✓	✓	✓	✓	✓	✓	✓
Material no.		10000818	10000819	10000820	10000821	10000822	10000823	10000824	

Spindle nose	DU	AP140		AP170		AP220	
Total length [mm]	I	171		175		162	
Outer Ø [mm]	AW			221			230
Weight [kg]		32,5		32,3		29,9	
In stock		✓		✓		✓	
Material no.		10000828		10000825		10000826	

