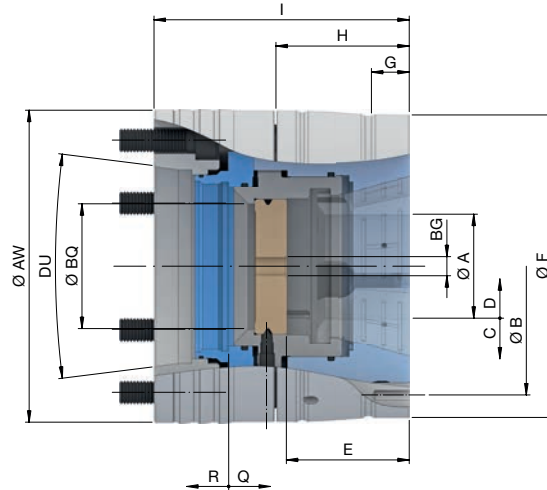




TOPlus combi deadlength size 52. Technical data



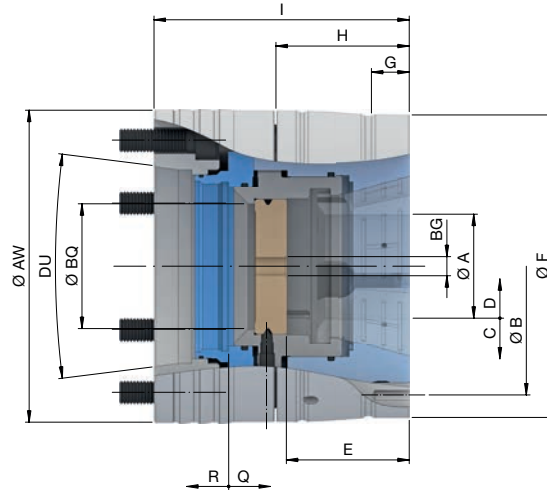
Size	52				
Variant	Combi deadlength				
Spindle nose	DU	A2-5	A2-6	AP120	AP140
Run-out ≤ [mm]				0,020	
Max. radial clamping force [kN]				108	
Max. axial compression force [kN]				40	
RPM n max. [1/min.]				7000	
Clamping range [mm]	A			3 – 52	
Release stroke in Ø [mm]	C			0,6	
Reserve stroke in Ø [mm]	D			1	
Range / recommended workpiece tolerance [mm]				± 0,5	
End-stop depth [mm]	E			54,8	
Ø Capacity [mm]	BQ			53	
End-stop thread size [M]	BG			10	
Location front end-stop	F			Ø 140 f7	
Centering length [mm]	G			17	
Bolt hole circle end-stop	B			LK Ø 122 [3 x M6]	
Length [mm]	H			61,5	
Total length [mm]	I	120			110
Reserve stroke axial [mm]	Q			2	
Release stroke axial [mm]	R			2,5	
Outer Ø [mm]	AW	145	162	145	150
Weight [kg]		11	12	10	11
In stock		-	-	-	-
Material no.		10001945	10001946	10001947	10001948

Machine spindle standard DIN 55026.
Total length can be extended via flange.

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TOPlus combi deadlength size 65. Technical data



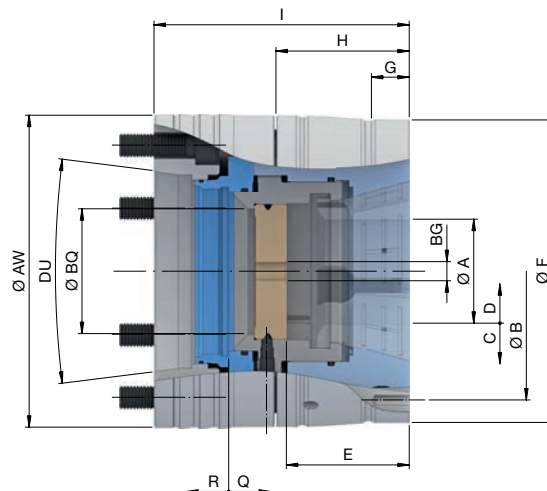
Size	65					
Variant	Combi deadlength					
Spindle nose	DU	A2-5	A2-6	A2-8	AP140	AP170
Run-out ≤ [mm]				0,020		
Max. radial clamping force [kN]				120		
Max. axial compression force [kN]				45		
RPM n max. [1/min.]				6000		
Clamping range [mm]	A			3 – 65		
Release stroke in Ø [mm]	C			0,6		
Reserve stroke in Ø [mm]	D			1		
Range / recommended workpiece tolerance [mm]				± 0,5		
End-stop depth [mm]	E			65		
Ø Capacity [mm]	BQ			66		
End-stop thread size [M]	BG			12		
Location front end-stop	F			Ø 160 f7		
Centering length [mm]	G			17		
Bolt hole circle end-stop	B			LK Ø 141 [3 x M6]		
Length [mm]	H			71,5		
Total length [mm]	I		135			125
Reserve stroke axial [mm]	Q			2		
Release stroke axial [mm]	R			2,5		
Outer Ø [mm]	AW	165		210	165	180
Weight [kg]		16		21	16	
In stock		-	-	-	-	-
Material no.		10001936	10001937	10001938	10001939	10001940

Machine spindle standard DIN 55026.
Total length can be extended via flange.

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TOPlus combi deadlength size 100. Technical data



Size	100				
Variant	Combi deadlength				
Spindle nose	DU	A2-6	A2-8	AP170	AP220
Run-out ≤ [mm]				0,025	
Max. radial clamping force [kN]				172	
Max. axial compression force [kN]				65	
RPM n max. [1/min.]				5000	
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			85,5	
Ø Capacity [mm]	BQ	84		101	
End-stop thread size [M]	BG			12	
Location front end-stop	F			Ø 215 f7	
Centering length [mm]	G			23	
Bolt hole circle end-stop	B			LK Ø 192 [3 x M8]	
Length [mm]	H			94	
Total length [mm]	I	175		180	170
Reserve stroke axial [mm]	Q			3	
Release stroke axial [mm]	R			5	
Outer Ø [mm]	AW		220		240
Weight [kg]		36	34	37	38
In stock		-	-	-	-
Material no.		10001941	10001942	10001943	10001944

Machine spindle standard DIN 55026.
Total length can be extended via flange.

