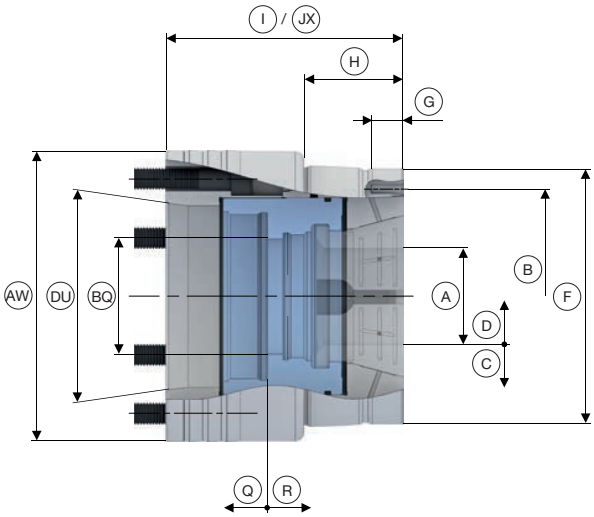
TOPlus modular size 52. Technical data

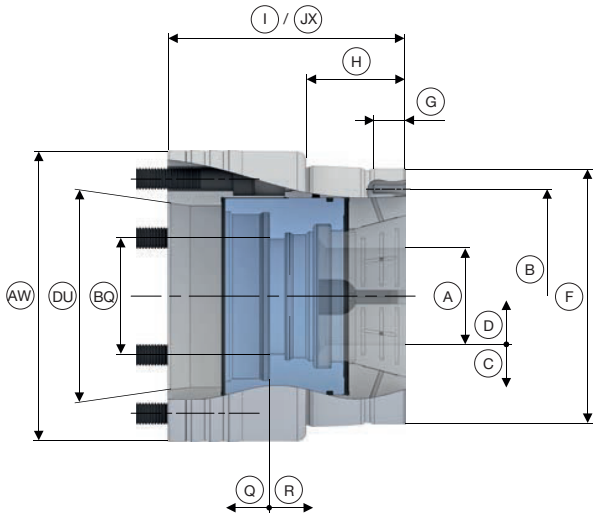


Size		**52**			
Variant		**Modular**			
Spindle nose	DU	A2-5	A2-6	AP120	AP140
Run-out ≤ [mm]		0,015			
Max. radial clamping force [kN]		108			
Max. axial drawtube force [pull / push] [kN]		40			
RPM n max. [1/min.]		7000			
Clamping range [mm]	A	3 – 52			
Release stroke in Ø [mm]	C	0,6			
Reserve stroke in Ø [mm]	D	1			
Range / recommended workpiece tolerance [mm]		± 0,5			
Ø Capacity [mm]	BQ	53			
Location front end-stop	F	Ø 125 f7			
Centering length [mm]	G	17			
Bolt hole circle end-stop	B	LK Ø 107 [3 x M6]			
Length [mm]	H	49			
Total length [mm]	I	112		105	
Total length with guard plate [mm]	JX	115		108	
Reserve stroke axial [mm]	Q	2			
Release stroke axial [mm]	R	2,5			
Outer Ø [mm]	AW	144	165	144	150
Weight [kg]		9	11	9	
In stock		✔	✔	✔	✔
Order no.		2901/0007	2901/0008	2901/0009	2901/0010

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

				
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TOPlus modular size 65. Technical data



Size		**65**					
Variant		**Modular**					
Spindle nose	DU	A2-5	A2-6	A2-8	AP120	AP140	AP170
Run-out ≤ [mm]		0,015					
Max. radial clamping force [kN]		120					
Max. axial drawtube force [pull / push] [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	1,0					
Range / recommended workpiece tolerance [mm]		± 0,5					
Ø Capacity [mm]	BQ	66					
Location front end-stop	F	Ø 145 f7					
Centering length [mm]	G	20					
Bolt hole circle end-stop	B	LK Ø 126 [3 x M6]					
Length [mm]	H	56					
Total length [mm]	I	121	120	121	110		105
Total length with guard plate [mm]	JX	124	123	124	113		108
Reserve stroke axial [mm]	Q	2					
Release stroke axial [mm]	R	2,5					
Outer Ø [mm]	AW	160	165	210	160		184
Weight [kg]		12		17	11		12
In stock		✔	✔	✔	✔	✔	✔
Order no.		2901/0001	2901/0002	2901/0003	2901/0004	2901/0005	2901/0006

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


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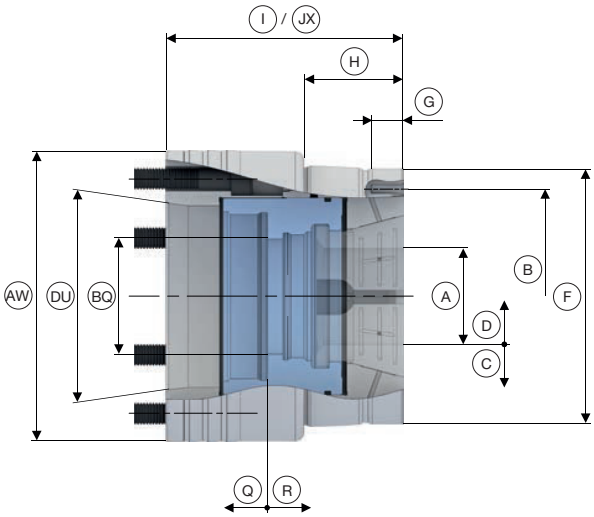

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TOPlus modular size 100. Technical data



Size		**100**		
Variant		**Modular**		
Spindle nose	DU	A2-8	AP170	AP220
Run-out ≤ [mm]		0,015		
Max. radial clamping force [kN]		172		
Max. axial drawtube force [pull / push] [kN]		65		
RPM n max. [1/min.]		5000		
Clamping range [mm]	A	15 – 100		
Release stroke in Ø [mm]	C	2		
Reserve stroke in Ø [mm]	D	1,5		
Range / recommended workpiece tolerance [mm]		± 1,0		
Ø Capacity [mm]	BQ	104,5		
Location front end-stop	F	Ø 215 f7		
Centering length [mm]	G	23		
Bolt hole circle end-stop	B	LK Ø 180 [3 x M8]		
Length [mm]	H	68,5		
Total length [mm]	I	149		
Total length with guard plate [mm]	JX	153		
Reserve stroke axial [mm]	Q	3		
Release stroke axial [mm]	R	5		
Outer Ø [mm]	AW	235		240
Weight [kg]		28	31	30
In stock		✔	✔	✔
Order no.		2901/0011	2901/0012	2901/0013

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


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