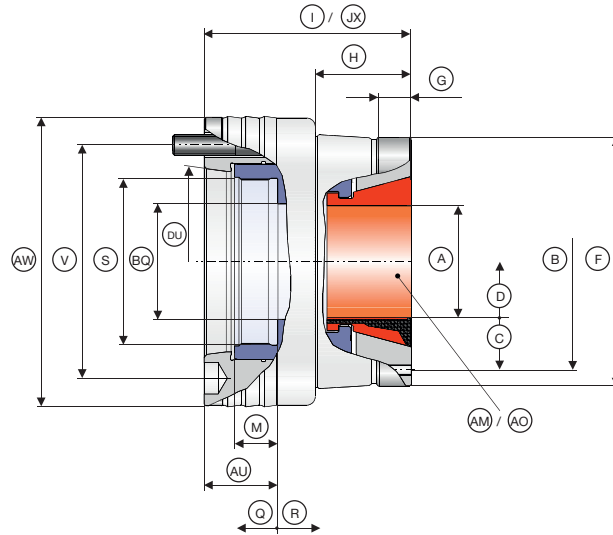




TOPlus modular size 52. Technical data



Size	52				
Variant	Modular				
	DU	A2-5	A2-6	AP120	AP140
Spindle nose	DU				
Concentricity [mm]				0,015	
Max. radial clamping force [kN]				108	
Max. axial drawtube force [kN]				40	
RPM n max. [1/min.]				7000	
Clamping range [mm]	A			4 – 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
Connecting thread inside	S			M78 x 1,5	
Depth of thread [mm]	M			16	
Position in clamped position [mm]	AU	44,5			37,5
Reserve stroke axial [mm]	Q			2	
Release stroke axial [mm]	R			2,5	
Clamping head serrated	AM			TOP 52	
Clamping head smooth	AO			TOP 52 G	
Bolt hole circle	V	LK Ø 104,8 [6 x M10]	LK Ø 133,4 [6 x M12]	LK Ø 104,8 [6 x M10]	
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.

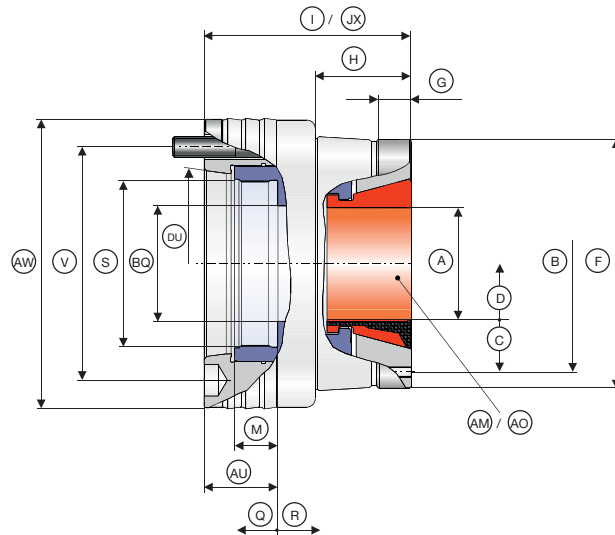
Clamping heads	Changing fixtures	Front end-stop blanks	Adaptations I.D. clamping	Face driver
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STANDARD CHUCKS

TOPlus chuck



TOPlus modular size 65. Technical data



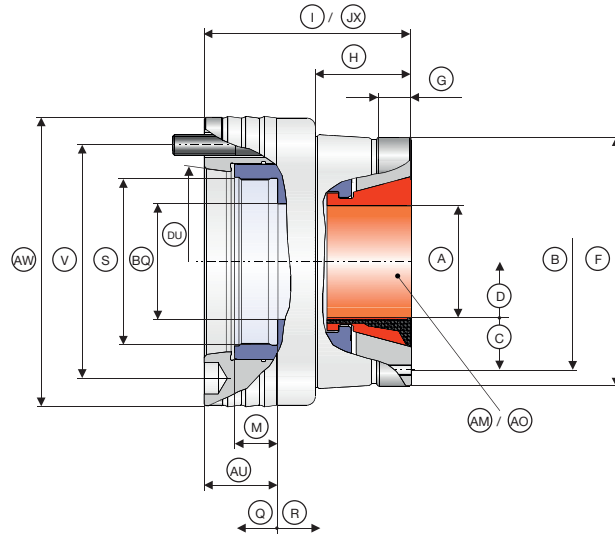
Size	65						
Variant	Modular						
Spindle nose	DU	A2-5	A2-6	A2-8	AP120	AP140	AP170
Concentricity [mm]					0,015		
Max. radial clamping force [kN]					120		
Max. axial drawtube force [kN]					45		
RPM n max. [1/min.]					6000		
Clamping range [mm]	A				4 – 65		
Release stroke in Ø [mm]	C				0,6		
Reserve 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
Connecting thread inside	S	M78 x 1,5	M95 x 1,5			M78 x 1,5	
Depth of thread [mm]	M	18	25			18	
Position in clamped position [mm]	AU	49,5	42,5	49,5		38,5	33,5
Reserve stroke axial [mm]	Q				2		
Release stroke axial [mm]	R				2,5		
Clamping head serrated	AM				TOP 65		
Clamping head smooth	AO				TOP 65 G		
Bolt hole circle	V	LK Ø 104,8 [6 x M10]	LK Ø 133,4 [6 x M12]	LK Ø 171,4 [6 x M16]		LK Ø 104,8 [6 x M10]	LK Ø 133,4 [6 x M12]
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.

Clamping heads	Changing fixtures	Front end-stop blanks	Adaptations I.D. clamping	Adaptations jaw clamping	Face driver
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TOPlus modular size 100. Technical data



Size	100			
Variant	Modular			
Spindle nose	DU	A2-8	AP170	AP220
Concentricity [mm]			0,015	
Max. radial clamping force [kN]			172	
Max. axial drawtube force [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	
Connecting thread inside	S		M150 x 1,5	
Depth of thread [mm]	M		30	
Position in clamped position [mm]	AU	60	66	60
Reserve stroke axial [mm]	Q		3	
Release stroke axial [mm]	R		5	
Clamping head serrated	AM		TOP 100	
Clamping head smooth	AO		TOP 100 G	
Bolt hole circle	V	LK Ø 171,4 [6 x M16]	LK Ø 133,4 [6 x M12]	LK Ø 171,4 [6 x M16]
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.

Clamping heads	Changing fixtures	Front end-stop blanks	Adaptations I.D. clamping	Adaptations jaw clamping	Face driver
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