SPANNTOP mini

HAINBUCH SYSTEM

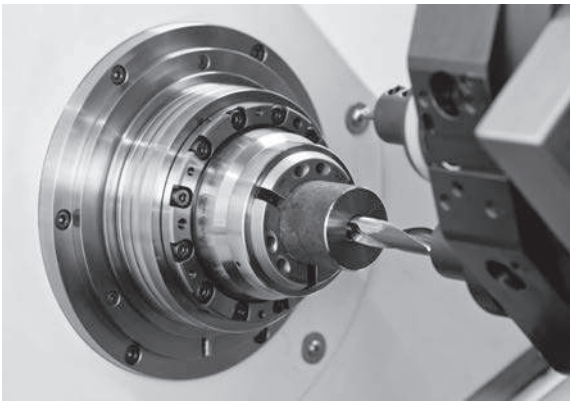
The »mini« series really shines with a mass reduced by as much as 30 %, and a chuck diameter that is reduced by 1/3. This means reduced energy consumption and better tool accessibility. Naturally, adaptation devices may also be used with the SPANNTOP mini. An additional ring enables use of the adaptation devices that are also used with the SPANNTOP nova.

Thanks to the reduced interference contour, it is easier to choose the tool that you need. Now it can also be shorter and more stable – on the main and sub spindles. Particularly in the case of limited installation space and in series operation, SPANNTOP mini is ideal: Lower energy consumption, dynamic spindle acceleration, and shorter cycle times reduce the costs per workpiece.

Minimalism that pays off!

Key advantages

- Adaptation devices possible [HAINBUCH SYSTEM]
- Significantly reduced interference contour
- Improved tool accessibility
- Ideal for limited installation space
- Lower mass
- Minimal inertia loss compared to 3-jaw chucks



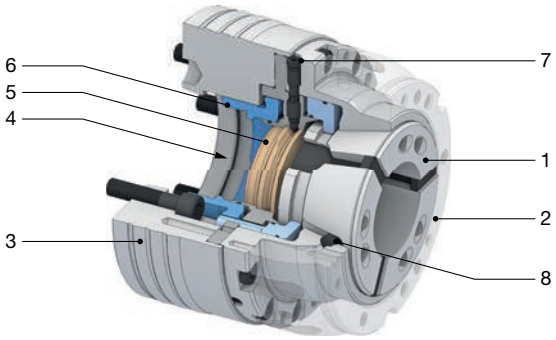
SPANNTOP mini pull-back in use

SPANNTOP mini chuck types

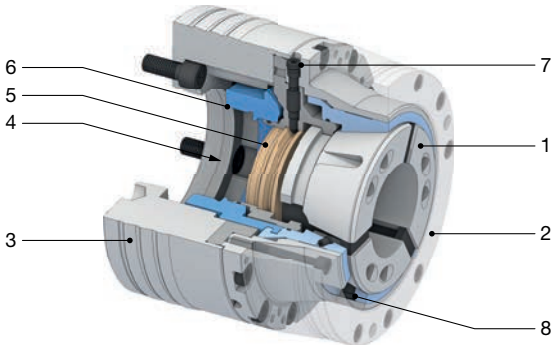
	SPANNTOP mini pull-back	SPANNTOP mini deadlength
		
Description	Workpiece clamping with pull-back effect. Chuck with dismountable end-stop plate.	Workpiece clamping without pull-back effect. Chuck with dismountable end-stop plate.
Advantages	■ Workpiece stabilization through axial draw force applied against the workpiece end-stop ■ Prepared for inside and front end-stop ■ Converts to a fully functional »bar chuck« when the end-stop plate is removed	■ Workpiece clamping without axial movement of the clamping head ■ Clamps workpieces with a short collar or shoulder ■ Suitable for pick-off without pull-back effect ■ Prepared for inside and front end-stop ■ Converts to a fully functional »bar chuck« when the end-stop plate is removed
Clamping elements	 Clamping head RD	 Clamping head RD
Adaptations	 MANDO Adapt T211 RD [Mandrel-in-clamping-device, with draw bolt]  MANDO Adapt T212 RD [Mandrel-in-clamping-device, without draw bolt]  Jaw module RD [Adaptation for jaw clamping]  Face driver RD / Morse taper adapter RD [Adaptation for clamping between centers]  Magnet module RD [Adaptation for magnetic clamping]	 MANDO Adapt T812 RD [Mandrel-in-clamping-device, without draw bolt]

An adaptation ring, which is available as an option, is required for use of clamping adaptation devices.

SPANNTOP mini pull-back in detail

Designation	
1 Vulcanized clamping head with hardened steel segments and pull-back 2 Adaptation ring [required for the adaptation elements] 3 Spindle flange 4 Chuck through-bore for bar work after disassembling the base end-stop 5 Fixed base end-stop with central mounting thread for workpiece specific end-stop 6 Mounting thread for drawtube connection 7 Clamping screw for base end-stop, easy mounting through external actuation 8 Torsional safety lock of the clamping head	

SPANNTOP mini deadlength in detail

Designation	
1 Vulcanized standing clamping head with hardened steel segments 2 Adaptation ring [required for the adaptation elements] 3 Spindle flange 4 Chuck through-bore for bar work after disassembling the base end-stop 5 Fixed base end-stop with central mounting thread for workpiece specific end-stop 6 Mounting thread for drawtube connection 7 Clamping screw for base end-stop, easy mounting through external actuation 8 Torsional safety lock of the clamping head	

Order overview. SPANNTOP mini chuck

Size	Variant	Spindle nose	Total length [mm]	Material no.	In stock	Clamping elements and adaptations: Clamping head RD Page 430	MANDO Adapt T211 RD Page 290	MANDO Adapt T212 RD Page 296	MANDO Adapt T812 RD Page 308	Jaw module RD Page 316	Face driver / morse taper adapter RD Page 324	Magnet module RD Page 332
32	Pull-back	A2-4	117	10000850	✔	✔						
		A2-5		10000851	✔							
			140	10000852	✔							
		A2-6	117	10000897	✔							
	Deadlength	A2-4	112	10000910	✔	✔						
			122	10000911	✔							
		A2-5	114	10000912	✔							
			122	10000913	✔							
			142	10000914	✔							
		A2-6	115	10000967	✔							
		AP140	101	10000968	✔							
42	Pull-back	A2-4	122	10000853	✔	✔	✔	✔			✔	
		A2-5	114	10000854	✔							
			122	10000855	✔							
			140	10000856	✔							
		A2-6	122	10000857	✔							
			140	10000858	✔							
		AP120	102	10000859	✔							
			115	10000860	✔							
		AP140	102	10000861	✔							
			115	10000862	✔							
		AP170	102	10000901	✔							
	Deadlength	A2-4	125	10000951	✔	✔			✔			
		A2-5	118	10000915	✔							
			125	10000916	✔							
			142	10000917	✔							
		A2-6	124	10000918	✔							
			142	10000919	✔							
		AP110	105	10000952	✔							
		AP120		10000966	✔							
		AP140		10000920	✔							
			117	10000921	✔							

Detailed technical data follows.
An adaptation ring, which is available as an option, is required for use of clamping adaptation devices.

Machine spindle standard DIN ISO 702-1. For more connection data please visit www.hainbuch.com

Order overview. SPANNTOP mini chuck

Size	Variant	Spindle nose	Total length [mm]	Material no.	In stock	Clamping elements and adaptations: Clamping head RD Page 430	MANDO Adapt T211 RD Page 290	MANDO Adapt T212 RD Page 296	MANDO Adapt T812 RD Page 308	Jaw module RD Page 316	Face driver / morse taper adapter RD Page 324	Magnet module RD Page 332
52	Pull-back	A2-5	122	10000864	✔	✔	✔	✔			✔	✔
			145	10000865	✔							
		A2-6	122	10000866	✔							
		A2-6	145	10000867	✔							
		A2-8	120	10000894	✔							
			145	10000895	✔							
		AP110	120	10000891	✔							
		AP120	105	10000887	✔							
			115	10000888	✔							
		AP140	105	10000889	✔							
			115	10000890	✔							
	Deadlength	A2-4	122	10000922	✔	✔			✔			
		A2-5		10000923	✔							
			147	10000924	✔							
		A2-6	122	10000925	✔							
			147	10000926	✔							
		A2-8	120	10000950	✔							
		AP110	100	10000944	✔							
			115	10000953	✔							
		AP120	105	10000927	✔							
			115	10000928	✔							
		AP140	107	10000929	✔							
65	Pull-back	A2-5	124	10000898	✔	✔	✔	✔		✔	✔	✔
			130	10000841	✔							
			150	10000842	✔							
		A2-6	126	10000843	✔							
			130	10000844	✔							
			155	10000845	✔							
		A2-8	130	10000846	✔							
			155	10000847	✔							
		AP120	111	10000868	✔							
			120	10000869	✔							
		AP140	111	10000848	✔							
			120	10000849	✔							
		AP170	115	10000870	✔							
		AP220	112	10000896	✔							

Detailed technical data follows.
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Order overview. SPANNTOP mini chuck

Size	Variant	Spindle nose	Total length [mm]	Material no.	In stock	Clamping elements and adaptations: Clamping head RD Page 430	MANDO Adapt T211 RD Page 290	MANDO Adapt T212 RD Page 296	MANDO Adapt T812 RD Page 308	Jaw module RD Page 316	Face driver / morse taper adapter RD Page 324	Magnet module RD Page 332
65	Deadlength	A2-4	128	10000965	✔	✔			✔			
		A2-5		10000902	✔							
		A2-5	138	10000903	✔							
		A2-6	124	10000904	✔							
			138	10000905	✔							
			163	10000906	✔							
		A2-8	133	10000907	✔							
			163	10000908	✔							
		AP110	125	10000949	✔							
		AP120	129	10000963	✔							
		AP140	138	10000909	✔							
		AP170	110	10000954	✔							
			128	10000930	✔							
		AP220	111	10000964	✔							
80	Pull-back	A2-5	132	10000892	✔	✔	✔	✔		✔	✔	✔
		A2-6	128	10000871	✔							
			135	10000872	✔							
			155	10000873	✔							
		A2-8	132	10000874	✔							
			150	10000875	✔							
			180	10000876	✔							
		AP140	132	10000900	✔							
		AP170	115	10000877	✔							
	Deadlength	A2-5	136	10000945	✔	✔			✔			
		A2-6	130	10000931	✔							
			137	10000932	✔							
			157	10000933	✔							
		A2-8	132	10000934	✔							
			152	10000935	✔							
			182	10000936	✔							
		AP140	134	10000937	✔							
		AP170	115	10000946	✔							

Detailed technical data follows.
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Order overview. SPANNTOP mini chuck

Size	Variant	Spindle nose	Total length [mm]	Material no.	In stock	Clamping elements and adaptations: Clamping head RD Page 430	MANDO Adapt T211 RD Page 290	MANDO Adapt T212 RD Page 296	MANDO Adapt T812 RD Page 308	Jaw module RD Page 316	Face driver / morse taper adapter RD Page 324	Magnet module RD Page 332
100	Pull-back	A2-5	160	10000893	✔	✔	✔	✔		✔	✔	✔
		A2-6	164	10000879	✔							
			170	10000880	✔							
		A2-8	162	10000881	✔							
			180	10000882	✔							
		A2-11	180	10000883	✔							
			195	10000884	✔							
		AP140	161	10000899	✔							
		AP170	164	10000885	✔							
		AP220	150	10000886	✔							
	Deadlength	A2-5	171	10000959	✔	✔						
		A2-6	175	10000938	✔							
			182	10000939	✔							
		A2-8	169	10000940	✔							
			192	10000941	✔							
		A2-11	185	10000960	✔							
			200	10000961	✔							
		AP140	171	10000962	✔							
		AP170	175	10000942	✔							
		AP220	162	10000943	✔							

Detailed technical data follows.
An adaptation ring, which is available as an option, is required for use of clamping adaptation devices.

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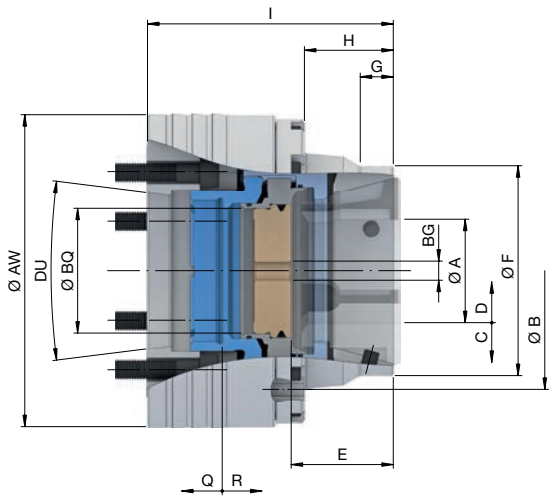
Scope of delivery

- Chuck
- Base end-stop
- Socket wrench insert 1/2"

SPANNTOP mini pull-back size 32. Technical data



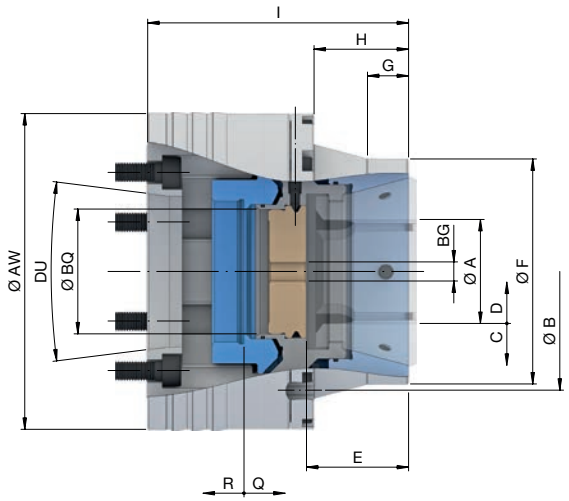
Size		32
Variant		**Pull-back**
Run-out ≤ [mm]		0,010
Max. radial clamping force [kN]		70
Max. axial drawtube force pull / push] [kN]		25
RPM n max. [1/min.]		8000
Clamping range [mm]	A	3 – 32
Release stroke in Ø [mm]	C	0,6
Reserve stroke in Ø [mm]	D	0,8
Range / recommended workpiece tolerance [mm]		± 0,3
End-stop depth [mm]	E	45
Ø Capacity [mm]	BQ	33
End-stop thread size [M]	BG	10
Location front end-stop	F	Ø 66 f7
Centering length [mm]	G	17
Bolt hole circle end-stop	B	LK Ø 110 [3 x M6]
Length [mm]	H	43
Reserve stroke axial [mm]	Q	2,5
Release stroke axial [mm]	R	3

Spindle nose	DU	A2-4	A2-5		A2-6
Total length [mm]	I	**117**		**140**	**117**
Outer Ø [mm]	AW	132			159
Weight [kg]		7,1	6,6	7,8	8,8
In stock		✔	✔	✔	✔
Material no.		10000850	10000851	10000852	10000897

Clamping heads
Page 430

Accessory overview
Page 478

SPANNTOP mini deadlength size 32. Technical data



Size		32
Variant		**Deadlength**
Run-out ≤ [mm]		0,020
Max. radial clamping force [kN]		70
Max. axial compression force [kN]		25
RPM n max. [1/min.]		8000
Clamping range [mm]	A	3 – 32
Release stroke in Ø [mm]	C	0,6
Reserve stroke in Ø [mm]	D	1
Range / recommended workpiece tolerance [mm]		± 0,3
End-stop depth [mm]	E	45,5
Ø Capacity [mm]	BQ	33
End-stop thread size [M]	BG	10
Location front end-stop	F	Ø 74 f7
Centering length [mm]	G	15
Bolt hole circle end-stop	B	LK Ø 115 [3 x M6]
Length [mm]	H	44
Reserve stroke axial [mm]	Q	2,5
Release stroke axial [mm]	R	3

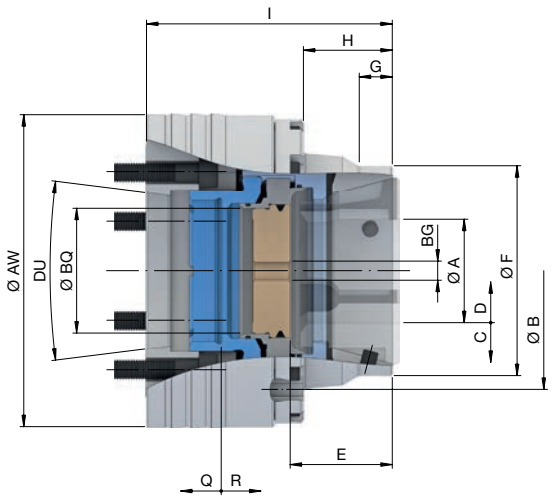
Spindle nose	DU	**A2-4**		**A2-5**			**A2-6**
Total length [mm]	I	**112**	**122**	**114**	**122**	**142**	**115**
Outer Ø [mm]	AW			130			159
Weight [kg]		6,6	7,2	6,4	6,8	7,8	8,6
In stock		✔	✔	✔	✔	✔	✔
Material no.		10000910	10000911	10000912	10000913	10000914	10000967

Spindle nose	DU	**AP140**
Total length [mm]	I	**101**
Outer Ø [mm]	AW	149
Weight [kg]		7,2
In stock		✔
Material no.		10000968


Clamping heads
Page 430


Accessory overview
Page 478

SPANNTOP mini pull-back size 42. Technical data



Size		42
Variant		**Pull-back**
Run-out ≤ [mm]		0,010
Max. radial clamping force [kN]		80
Max. axial drawtube force [pull / push] [kN]		35
RPM n max. [1/min.]		7000
Clamping range [mm]	A	3 – 42
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	42
Ø Capacity [mm]	BQ	44
End-stop thread size [M]	BG	10
Location front end-stop	F	Ø 90 f7
Centering length [mm]	G	15
Bolt hole circle end-stop	B	LK Ø 117 [3 x M6]
Length [mm]	H	42
Reserve stroke axial [mm]	Q	2
Release stroke axial [mm]	R	2,5

Spindle nose	DU	A2-4	A2-5			A2-6	
Total length [mm]	I	**122**	**114**	**122**	**140**	**122**	**140**
Outer Ø [mm]	AW	134				159	
Weight [kg]		7,6	6,8	7,3	8,3	9,1	10,4
In stock		✔	✔	✔	✔	✔	✔
Material no.		10000853	10000854	10000855	10000856	10000857	10000858

Spindle nose	DU	AP120		AP140		AP170
Total length [mm]	I	**102**	**115**	**102**	**115**	**102**
Outer Ø [mm]	AW	134		150		180
Weight [kg]		6,2	6,9	7,5	8,5	10,4
In stock		✔	✔	✔	✔	✔
Material no.		10000859	10000860	10000861	10000862	10000901

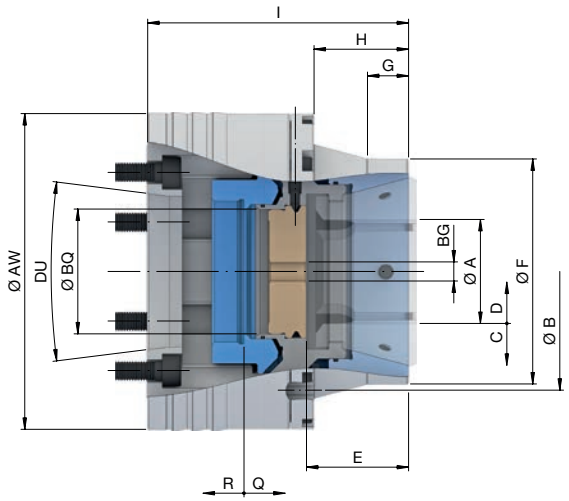

Clamping heads
Page 430


Adaptations I.D. clamping
Page 270


Face driver / morse taper
Page 324


Accessory overview
Page 478

SPANNTOP mini deadlength size 42. Technical data



Size		42
Variant		**Deadlength**
Run-out ≤ [mm]		0,020
Max. radial clamping force [kN]		80
Max. axial compression force [kN]		35
RPM n max. [1/min.]		7000
Clamping range [mm]	A	3 – 42
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	44
End-stop thread size [M]	BG	10
Location front end-stop	F	Ø 98 f7
Centering length [mm]	G	25
Bolt hole circle end-stop	B	LK Ø 113 [9 x M6]
Length [mm]	H	44
Reserve stroke axial [mm]	Q	2
Release stroke axial [mm]	R	2,5

Spindle nose	DU	**A2-4**	**A2-5**			**A2-6**	
Total length [mm]	I	**125**	**118**	**125**	**142**	**124**	**142**
Outer Ø [mm]	AW	139				159	
Weight [kg]		8,5	7,9	8,4	9,5	10	11,3
In stock		✔	✔	✔	✔	✔	✔
Material no.		10000951	10000915	10000916	10000917	10000918	10000919

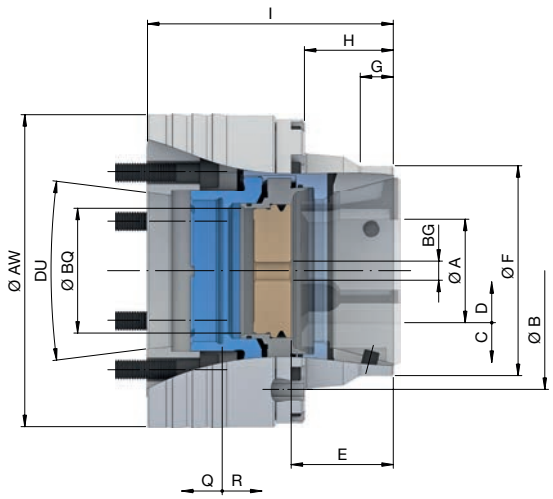
Spindle nose	DU	**AP110**	**AP120**	**AP140**	
Total length [mm]	I	**105**			**117**
Outer Ø [mm]	AW	149			
Weight [kg]		8,2	8,1	8	9
In stock		✔	✔	✔	✔
Material no.		10000952	10000966	10000920	10000921


Clamping heads
Page 430


Adaptations I.D. clamping
Page 308


Accessory overview
Page 478

SPANNTOP mini pull-back size 52. Technical data



Size		52
Variant		**Pull-back**
Run-out ≤ [mm]		0,010
Max. radial clamping force [kN]		94
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
End-stop depth [mm]	E	46
Ø Capacity [mm]	BQ	53
End-stop thread size [M]	BG	10
Location front end-stop	F	Ø 90 f7
Centering length [mm]	G	15
Bolt hole circle end-stop	B	LK Ø 133 [3 x M8]
Length [mm]	H	45
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**	**145**	**122**	**145**	**120**	**145**
Outer Ø [mm]	AW	149		159		204	
Weight [kg]		9,3	11,1	9,5	11,1	14,4	17,3
In stock		✔	✔	✔	✔	✔	✔
Material no.		10000864	10000865	10000866	10000867	10000894	10000895

Spindle nose	DU	AP110	AP120		AP140	
Total length [mm]	I	**120**	**105**	**115**	**105**	**115**
Outer Ø [mm]	AW	149			150	
Weight [kg]		9,5	8	8,8	7,9	8,8
In stock		✔	✔	✔	✔	✔
Material no.		10000891	10000887	10000888	10000889	10000890


Clamping heads
Page 430

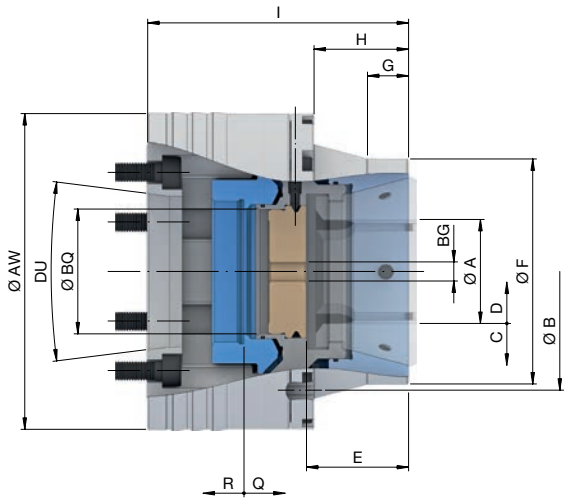

Adaptations I.D. clamping
Page 270


Face driver / morse taper
Page 324


Magnet module
Page 332


Accessory overview
Page 478

SPANNTOP mini deadlength size 52. Technical data



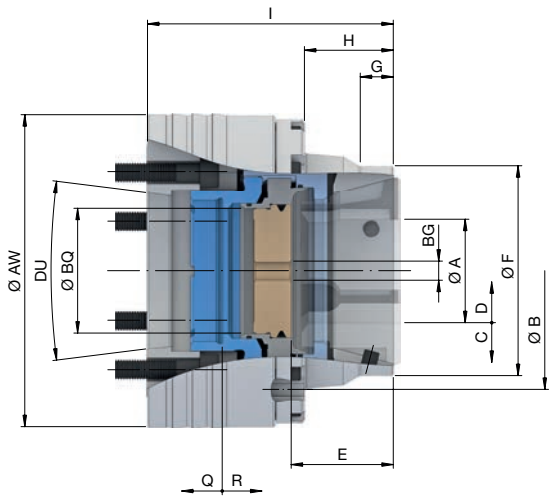
Size		52
Variant		**Deadlength**
Run-out ≤ [mm]		0,020
Max. radial clamping force [kN]		94
Max. axial compression force [kN]		40
RPM n max. [1/min.]		7000
Clamping range [mm]	A	3 – 52
Release stroke in Ø [mm]	C	0,6
Reserve stroke in Ø [mm]	D	1
Range / recommended workpiece tolerance [mm]		± 0,5
End-stop depth [mm]	E	45,8
Ø Capacity [mm]	BQ	53
End-stop thread size [M]	BG	10
Location front end-stop	F	Ø 98 f7
Centering length [mm]	G	23
Bolt hole circle end-stop	B	LK Ø 125 [9 x M6]
Length [mm]	H	44
Reserve stroke axial [mm]	Q	2
Release stroke axial [mm]	R	2,5

Spindle nose	DU	A2-4	A2-5		A2-6		A2-8
Total length [mm]	l	122		147	122	147	120
Outer Ø [mm]	AW	149			163		202
Weight [kg]		9,7	9,4	11,3	10,4	12,4	14,3
In stock		✔	✔	✔	✔	✔	✔
Material no.		10000922	10000923	10000924	10000925	10000926	10000950

Spindle nose	DU	AP110		AP120		AP140
Total length [mm]	l	100	115	105	115	107
Outer Ø [mm]	AW	149				
Weight [kg]		7,8	9,1	8,2	8,9	8,1
In stock		✔	✔	✔	✔	✔
Material no.		10000944	10000953	10000927	10000928	10000929

Clamping heads	Adaptations I.D. clamping	Accessory overview
Page 430	Page 308	Page 478

SPANNTOP mini pull-back size 65. Technical data



Size		65
Variant		**Pull-back**
Run-out ≤ [mm]		0,010
Max. radial clamping force [kN]		105
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
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 111 f7
Centering length [mm]	G	18
Bolt hole circle end-stop	B	LK Ø 145 [3 x M8]
Length [mm]	H	47
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	**124**	**130**	**150**	**126**	**130**	**155**	**130**	**155**
Outer Ø [mm]	AW	165						204	
Weight [kg]		11,4	12,1	14,2	10,5	10,7	12,5	14,9	18,1
In stock		✔	✔	✔	✔	✔	✔	✔	✔
Material no.		10000898	10000841	10000842	10000843	10000844	10000845	10000846	10000847

Spindle nose	DU	AP120		AP140		AP170	AP220
Total length [mm]	I	**111**	**120**	**111**	**120**	**115**	**112**
Outer Ø [mm]	AW	165				180	230
Weight [kg]		10,4	11,3	10	10,7	11,3	16,6
In stock		✔	✔	✔	✔	✔	✔
Material no.		10000868	10000869	10000848	10000849	10000870	10000896


Clamping heads
Page 430


Adaptations I.D. clamping
Page 270

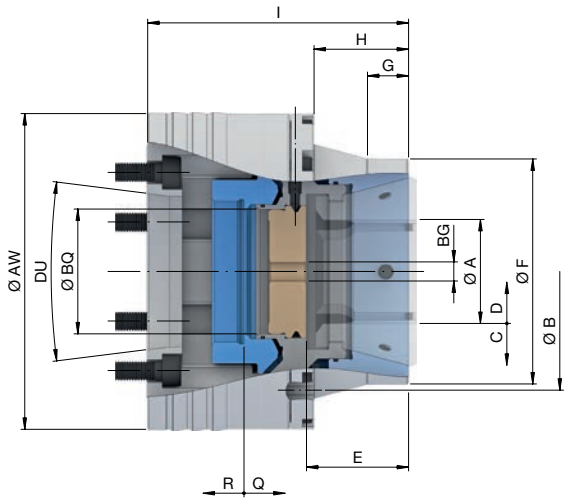

Adaptations jaw clamping
Page 316


Face driver / morse taper
Page 324


Magnet module
Page 332


Accessory overview
Page 478

SPANNTOP mini deadlength size 65. Technical data



Size		65
Variant		**Deadlength**
Run-out ≤ [mm]		0,020
Max. radial clamping force [kN]		105
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 119 f7
Centering length [mm]	G	22
Bolt hole circle end-stop	B	LK Ø 145 [9 x M6]
Length [mm]	H	50
Reserve stroke axial [mm]	Q	2
Release stroke axial [mm]	R	2,5

Spindle nose	DU	A2-4	A2-5		A2-6			A2-8	
Total length [mm]	l	128		138	124	138	163	133	163
Outer Ø [mm]	AW	167						202	
Weight [kg]		12,9	12,3	13,3	11,3	12,5	14,8	15,8	19,1
In stock		✔	✔	✔	✔	✔	✔	✔	✔
Material no.		10000965	10000902	10000903	10000904	10000905	10000906	10000907	10000908

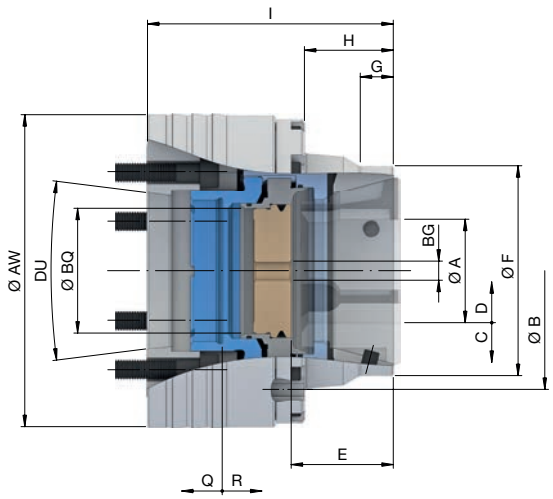
Spindle nose	DU	AP110	AP120	AP140	AP170		AP220
Total length [mm]	l	125	129	138	110	128	111
Outer Ø [mm]	AW	167			180		230
Weight [kg]		12,6		13,3	11,4	13,5	17
In stock		✔	✔	✔	✔	✔	✔
Material no.		10000949	10000963	10000909	10000954	10000930	10000964


Clamping heads
Page 430


Adaptations I.D. clamping
Page 308


Accessory overview
Page 478

SPANNTOP mini pull-back size 80. Technical data



Size		80
Variant		**Pull-back**
Run-out ≤ [mm]		0,010
Max. radial clamping force [kN]		115
Max. axial drawtube force [pull / push] [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	54
Ø Capacity [mm]	BQ	82
End-stop thread size [M]	BG	12
Location front end-stop	F	Ø 126 f7
Centering length [mm]	G	18
Bolt hole circle end-stop	B	LK Ø 156 [3 x M8]
Length [mm]	H	47
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	**132**	**128**	**135**	**155**	**132**	**150**	**180**
Outer Ø [mm]	AW	171				204		
Weight [kg]		12,8	11,8	12,4	14,2	15,4	17,6	21,1
In stock		✔	✔	✔	✔	✔	✔	✔
Material no.		10000892	10000871	10000872	10000873	10000874	10000875	10000876

Spindle nose	DU	AP140	AP170
Total length [mm]	I	**132**	**115**
Outer Ø [mm]	AW	171	180
Weight [kg]		13	11,5
In stock		✔	✔
Material no.		10000900	10000877


Clamping heads
Page 430


Adaptations I.D. clamping
Page 270

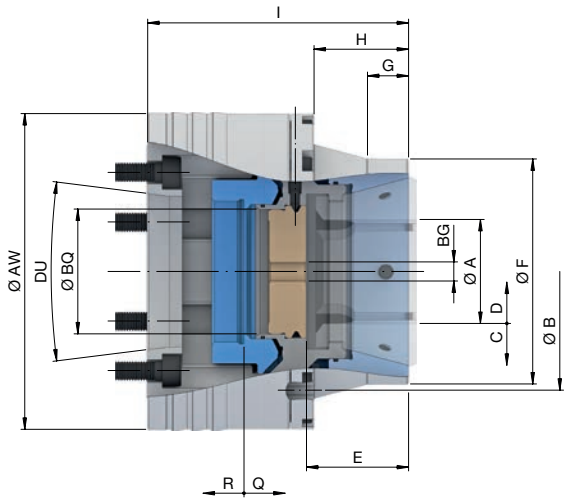

Adaptations jaw clamping
Page 316


Face driver / morse taper
Page 324


Magnet module
Page 332


Accessory overview
Page 478

SPANNTOP mini deadlength size 80. Technical data



Size		80
Variant		**Deadlength**
Run-out ≤ [mm]		0,020
Max. radial clamping force [kN]		115
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 136 f7
Centering length [mm]	G	22
Bolt hole circle end-stop	B	LK Ø 160,5 [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	180				205		
Weight [kg]		15,4	13,9	14,6	16,7	16,9	19,2	22,8
In stock		✔	✔	✔	✔	✔	✔	✔
Material no.		10000945	10000931	10000932	10000933	10000934	10000935	10000936

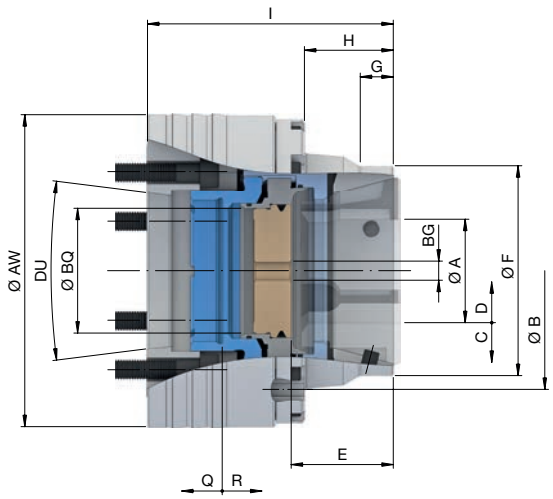
Spindle nose	DU	AP140	AP170
Total length [mm]	I	134	115
Outer Ø [mm]	AW	180	
Weight [kg]		15,4	12,2
In stock		✔	✔
Material no.		10000937	10000946


Clamping heads
Page 430


Adaptations I.D. clamping
Page 308


Accessory overview
Page 478

SPANNTOP mini pull-back size 100. Technical data



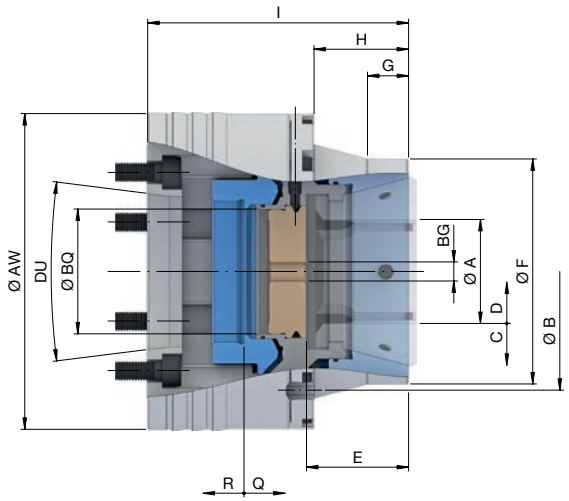
Size		100
Variant		**Pull-back**
Run-out ≤ [mm]		0,015
Max. radial clamping force [kN]		150
Max. axial drawtube force [pull / push] [kN]		65
RPM n max. [1/min.]		5000
Clamping range [mm]	A	15 – 100
Release stroke in Ø [mm]	C	2
Reserve stroke in Ø [mm]	D	1,5
Range / recommended workpiece tolerance [mm]		± 1,0
End-stop depth [mm]	E	72
Ø Capacity [mm]	BQ	102
End-stop thread size [M]	BG	12
Location front end-stop	F	Ø 160 f7
Centering length [mm]	G	20
Bolt hole circle end-stop	B	LK Ø 198 [3 x M8]
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	**160**	**164**	**170**	**162**	**180**		**195**
Outer Ø [mm]	AW	221					280	
Weight [kg]		24,8	25,3	26,2	23,1	25,3	40,7	44,9
In stock		✔	✔	✔	✔	✔	✔	✔
Material no.		10000893	10000879	10000880	10000881	10000882	10000883	10000884

Spindle nose	DU	AP140	AP170	AP220
Total length [mm]	I	**161**	**164**	**150**
Outer Ø [mm]	AW	221		230
Weight [kg]		26	25,6	23,7
In stock		✔	✔	✔
Material no.		10000899	10000885	10000886

 Clamping heads Page 430	 Adaptations I.D. clamping Page 270	 Adaptations jaw clamping Page 316	 Face driver / morse taper Page 324	 Magnet module Page 332	 Clamping head adapter Page 513	 Accessory overview Page 478

SPANNTOP mini deadlength size 100. Technical data



Size		100
Variant		**Deadlength**
Run-out ≤ [mm]		0,025
Max. radial clamping force [kN]		150
Max. axial compression 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
End-stop depth [mm]	E	74
Ø Capacity [mm]	BQ	102
End-stop thread size [M]	BG	12
Location front end-stop	F	Ø 168 f7
Centering length [mm]	G	22
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]		28,6	29	30,2	26,4	29,8	39,6	42,6
In stock		✔	✔	✔	✔	✔	✔	✔
Material no.		10000959	10000938	10000939	10000940	10000941	10000960	10000961

Spindle nose	DU	AP140	AP170	AP220
Total length [mm]	I	171	175	162
Outer Ø [mm]	AW	221		230
Weight [kg]		29,6	29,4	27,1
In stock		✔	✔	✔
Material no.		10000962	10000942	10000943


Clamping heads
Page 430


Clamping head adapter
Page 513


Accessory overview
Page 478