

CLAMPING HEADS

Clamping heads SE



Clamping head TOP. For raw material clamping

Size	Total length [mm]	Particularity	Profile	Increments [mm]	Type of serration	Clamping range [mm]	In stock	Material no.				
26	34	Front nose extension	●	1	Smooth	4 - 7	✓	top26r4,0-7,0				
						8	✓	top26r8,0				
					Radial grooves	9 - 10	✓	top26r9,0-10,0				
					Radial and axial grooves	11 - 26	✓	top26r11,0-26,0				
					■		Smooth	7	-	top26v7,0		
						Radial grooves	8 - 10	-	top26v8,0-10,0			
							11 - 18	-	top26v11,0-18,0			
					⬡		Smooth	7	-	top26s7,0		
						Radial grooves	8 - 10	-	top26s8,0-10,0			
							11 - 22	-	top26s11,0-22,0			
			40		47	Front nose extension	●	1	Smooth	4 - 7	✓	top40r4,0-7,0
										8	✓	top40r8,0
Radial grooves	9 - 10	✓		top40r9,0-10,0								
Radial and axial grooves	11 - 40	✓		top40r11,0-40,0								
	■			Smooth			7		-	top40v7,0		
		Radial grooves		8 - 10			-		top40v8,0-10,0			
				11 - 27			-		top40v11,0-27,0			
	⬡			Smooth			7		-	top40s7,0		
		Radial grooves		8 - 10			-		top40s8,0-10,0			
				11 - 32			-		top40s11,0-32,0			
52	42	No front nose		●			0,5		Smooth	4 - 7,5	✓	top52gr4,0-7,5
										8	✓	top52r8,0
					8,5 - 10,5	✓		top52r8,5-10,5				
			Radial and axial grooves		11 - 52	✓		top52r11,0-52,0				
				■	1	Radial grooves	8 - 10	-	top52v8,0-10,0			
						11 - 36	-	top52v11,0-36,0				
				⬡		Smooth	7	✓	top52s7,0			
						Radial grooves	8 - 10	✓	top52s8,0-10,0			
						11 - 45	✓	top52s11,0-45,0				
			65	49	No front nose	●	0,5	Smooth	3 - 7,5	✓	top65gr3,0-7,5	
									8	✓	top65r8,0	
									8,5 - 10,5	✓	top65r8,5-10,5	
Radial and axial grooves	11 - 65	✓						top65r11,0-65,0				
	■	1				Radial grooves	8 - 10	-	top65v8,0-10,0			
						11 - 45	-	top65v11,0-45,0				
	⬡					Smooth	7	✓	top65s7,0			
						Radial grooves	8 - 10	✓	top65s8,0-10,0			
						11 - 56	✓	top65s11,0-56,0				
80	49	No front nose				●	1	Smooth	5 - 8	✓	top80gr5,0-8,0	
									8	✓	top80r8,0	
									9 - 10	✓	top80r9,0-10,0	
			Radial and axial grooves	11 - 80	✓			top80r11,0-80,0				
				■		Radial grooves		8 - 10	-	top80v8,0-10,0		
						11 - 56		-	top80v11,0-56,0			
				⬡		Smooth		7	✓	top80s7,0		
					Radial grooves	8 - 10		✓	top80s8,0-10,0			
						11 - 68		✓	top80s11,0-68,0			
			100	59	No front nose	●		1	Radial and axial grooves	15 - 41	-	top100r15,0-41,0
										42 - 100	✓	top100r42,0-100,0
						■		1	Radial grooves	50 - 70	-	top100v50,0-70,0
						50 - 86	-	top100s50,0-86,0				
⬡												

Explanations of the types of clamping surfaces on the previous pages.



Clamping head TOPG. For clamping of finished material

Size	Total length [mm]	Particularity	Profile	Increments [mm]	Type of serration	Clamping range [mm]	Variant	In stock	Material no.
26	31	No front nose	●	0,5	Smooth	3 - 8	Standard	✓	top26gr3,0-8,0
						8,5 - 26		✓	top26gr8,5-26,0
						10 - 26	Premium	[✓]	top26gr10,0-26,0p5
40	44	No front nose	●	0,5	Smooth	3 - 8	Standard	✓	top40gr3,0-8,0
						8,5 - 40		✓	top40gr8,5-40,0
						10 - 40	Premium	[✓]	top40gr10,0-40,0p5
52	42	No front nose	●	0,5	Smooth	3 - 8	Standard	✓	top52gr3,0-8,0
						8,5 - 52		✓	top52gr8,5-52,0
						10 - 52	Premium	[✓]	top52gr10,0-52,0p5
65	49	No front nose	●	0,5	Smooth	3 - 8	Standard	✓	top65gr3,0-8,0
						8,5 - 65		✓	top65gr8,5-65,0
						10 - 65	Premium	[✓]	top65gr10,0-65,0p5
80	49	No front nose	●	1	Smooth	5 - 8	Standard	✓	top80gr5,0-8,0
						9 - 80		✓	top80gr9,0-80,0
						10 - 80	Premium	[✓]	top80gr10,0-80,0
100	59	No front nose	●	1	Smooth	15 - 41	Standard	-	top100gr15,0-41,0
						42 - 100		✓	top100gr42,0-100,0
						15 - 100	Premium	[✓]	top100gr15,0-100,0p5

Note: For the premium clamping heads, you can choose the desired clamping diameter. Gradations of 0.5 or 1 mm are not necessary. We manufacture parts to your required diameter with µm precision.

Explanations of types of clamping surfaces on the previous pages.

CLAMPING HEADS

Clamping heads SE



Clamping head TOP HSW. For machining to size

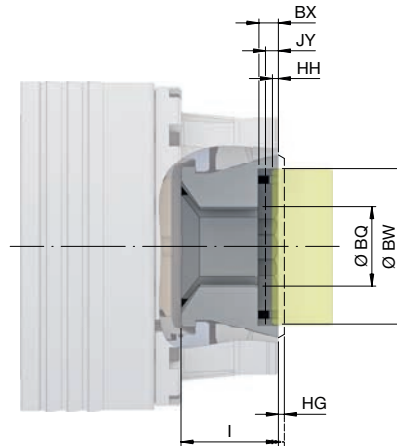
Size	Total length [mm]	Particularity	Profile	Base bore Ø [mm]	Max. axial drawtube force [pull / push] [kN]	In stock	Material no.
40	47	Face and clamping surface 40 HRC	●	8	33	✓	10013909
				15		✓	10013907
				30		✓	10013908
52	42	Face and clamping surface 40 HRC	●	8	40	✓	10014053
				15		✓	10014051
				30		✓	10014052
65	49	Face and clamping surface 40 HRC	●	5	45	✓	10014346
				8		✓	10014347
				20		✓	10014344
				40		✓	10014345
80	49	Face and clamping surface 40 HRC	●	8	50	✓	10017140
				20		✓	10017141
				40		✓	10017143
				60		✓	10017144
100	59	Face and clamping surface 40 HRC	●	15	65	✓	10013608
				30		✓	10013609
				45		✓	10013610
				65		✓	10013611
				90		✓	10013612

Loading ring [for clamping head TOP HSW]

Size	In stock	Material no.
40	✓	10006622
42/52	✓	10006624
65	✓	10006625
80	✓	10006626
100	✓	10006617



Permissible counter bore when manufacturing to order and for HSW clamping heads. Technical data



Size	Capacity	Length	Clamping head protrusion length	Variant 1 [max. turning Ø]				Variant 2 [max. clamping depth]			
				Max. permissible turning Ø	Max. permissible turning depth	Min. turning depth	Min. clamping depth of workpiece	Max. permissible turning Ø	Max. permissible turning depth	Min. turning depth	Min. clamping depth of workpiece
	BQ	I	HG	BW	BX	JY	HH	BW	BX	JY	HH
TOP 40 / TOP 40 HSW	40	47	3	52	10	9	6	42	22	9	6
TOP 40 G	40	44	0	52	7	6	6	42	19	6	3
TOP 52 / TOP 52 G / TOP 52 HSW	52	42	0	60	12	6,5	3	53,7	14	6,5	3
TOP 65 / TOP 65 G / TOP 65 HSW	65	49	0	78	10	6,5	3	66	25	6,5	3
TOP 80 / TOP 80 G / TOP 80 HSW	80	49	0	91	10	6,5	3	81	25	6,5	3
TOP 100 / TOP 100 G	101,6	59	0	120	20	9	3	103	31	9	3
TOP 100 HSW						16	16			16	16