

Props VALENT type SN Technical data L.p. H max [mm] H min [mm] Weight [kg] 1. 540 420 27,8 32,2 3. 800 ±10 505 32,2 34,0 ±10 4. 900 655 31,9 34,0 ±1 5. 1000 655 37,9 40,1 1 7. 1250 715 40,1 42,6 44,0,1 1 7. 1250 780 45,4 9 49,3 1055 53,1 115,5 53,1 115,5 53,1 115,5 55,0 115,5 55,0 115,5 57,0 61,5 53,1 115,5 66,5 72,2 78,9 115,5 172,5 78,9 115,5 72,2 78,9 115,5 1192,5 72,2 78,9 115,5 1192,5 12,00 12,00 12,00 12,00 13,150 11,1 280,0 1555 172,5 72,2 78,9 14,05 14,05 15,00 14,05 12,00 12,00 13,150 14,05											
$ \begin{array}{ c c c c c c } \hline 1. & 540 \\ \hline 2. & 710 \\ \hline 3. & 800 \\ \pm 10 \\ \hline 505 \\ \hline 3. & 800 \\ \pm 10 \\ \hline 550 \\ \hline 505 \\ \hline 505 \\ \hline 32,2 \\ \hline 34,0 \\ \hline 35,9 \\ \hline 37,9 \\ \hline 6. & 1120 \\ \hline 655 \\ \hline 37,9 \\ \hline 6. & 1120 \\ \hline 7. & 1250 \\ \hline 8. & 1400 \\ \hline 9. & 1600 \\ \hline 955 \\ \hline 1055 \\ \hline 11. & 2000 \\ \hline 12. & 2240 \\ \hline 11. & 2000 \\ \hline 12. & 2240 \\ \hline 11. & 2000 \\ \hline 1155 \\ \hline 1405 \\ \hline 1405 \\ \hline 1405 \\ \hline 1555 \\ \hline 1405 \\ \hline 1725 \\ \hline 1855 \\ \hline 72,2 \\ \hline 78,9 \\ \hline 86,6 \\ \hline 95,0 \\ \hline \end{array} $	Props VALENT type SN Technical data										
$ \begin{array}{ c c c c c } \hline 2 & 710 \\ \hline 3 & 800 \\ \hline 4 & 900 \\ \hline 5 & 1000 \\ \hline 6 & 1120 \\ \hline 7 & 1250 \\ \hline 8 & 1400 \\ 9 & 1600 \\ 11 & 2000 \\ 11 & 2000 \\ 11 & 2000 \\ 12 & 2240 \\ 11 & 2000 \\ 11 & 2000 \\ 11 & 2000 \\ 11 & 55 \\ 140 \\ 1155 \\ 1405 \\ 1555 \\ 1405 \\ 1555 \\ 161 \\ 57,0 \\ 66,5 \\ 72,2 \\ 78,9 \\ 1925 \\ 1925 \\ 1925 \\ 1925 \\ 1925 \\ 1925 \\ 95,0 \\ \end{array} $	L.p.	H max [imm]	H min (mm]	Weight [kg]					
3 800 ± 10 550 ± 10 34,0 ± 1 4 900 600 35,9 37,9 37,9 5. 1000 655 37,9 40,1 1 7. 1250 7715 40,1 45,4 49,3 9. 1600 955 45,4 49,3 1055 53,1 10. 1800 1055 53,1 53,1 53,1 11.55 57,0 66,5 66,5 66,5 66,5 72,2 78,9 66,6 78,9 66,6 78,9 66,6 78,9 66,6 78,9 66,6 95,0 78,0 46,6 95,0 76,0 <td>1.</td> <td>540</td> <td></td> <td colspan="2">420</td> <td>27,8</td> <td></td>	1.	540		420		27,8					
4. 900 600 35,9 5. 1000 655 37,9 6. 1120 715 40,1 7. 1250 855 45,4 9. 1600 955 49,3 10. 1800 1055 53,1 11. 2000 1155 53,1 12. 2240 ±15 1275 61,5 13. 2500 1555 77,0 61,5 14. 2800 1555 72,2 78,9 16. 3550 1925 86,6 95,0	2	710		505		32,2					
5. 1000 655 $37,9$ 6. 1120 715 $40,1$ 7. 1250 855 $45,4$ 9. 1600 855 $45,4$ 9. 1600 955 $49,3$ 10. 1800 1055 $53,1$ 11. 2000 1155 $57,0$ 12. 2240 ±15 1275 $57,0$ 13. 2500 1555 $66,5$ $72,2$ 15. 3150 1725 $78,9$ $86,6$ 17. 4000 2375 $95,0$	3.	800	±10	550	±10	34,0	±1				
6. 1120 715 40,1 7. 1250 780 42,6 8. 1400 855 45,4 9. 1600 955 49,3 10. 1800 1055 53,1 11. 2000 1155 57,0 12. 2240 1155 1405 13. 2500 1555 66,5 14. 2800 1555 72,2 15. 3150 1925 86,6 17. 4000 2375 95,0	4.	900		600		35,9					
7. 1250 8. 1400 9. 1600 10. 1800 11. 2000 12. 2240 13. 2500 14. 2800 15. 3150 16. 3550 17. 4000	5.	1000		655		37,9					
8. 1400 855 45,4 9. 1600 955 49,3 10. 1800 1055 53,1 11. 2000 1155 57,0 12. 2240 ±15 1405 66,5 13. 2500 1555 72,2 78,9 16. 3550 1925 86,6 95,0	6.	1120		715		40,1					
9. 1600 955 49,3 10. 1800 1055 53,1 11. 2000 1155 57,0 12. 2240 ±15 1275 61,5 13. 2500 1555 66,5 72,2 15. 3150 1925 78,9 86,6 17. 4000 2375 95,0 95,0	7.	1250		780		42,6					
10. 1800 11. 2000 12. 2240 13. 2500 14. 2800 15. 3150 16. 3550 17. 4000	8.	1400		855		45,4	-				
11. 2000 11. 2000 12. 2240 13. 2500 14. 2800 15. 3150 16. 3550 17. 4000	9.	1600		955		49,3					
12. 2240 13. 2500 14. 2800 15. 3150 16. 3550 17. 4000	10.	1800		1055		53,1	±3				
13. 2500 ±15 1405 ±5% 66,5 14. 2800 1555 72,2 15. 3150 1725 78,9 16. 3550 1925 86,6 17. 4000 2375 95,0	11.	2000		1155		57,0					
13. 2500 1405 66,5 14. 2800 1555 72,2 15. 3150 1725 78,9 16. 3550 1925 86,6 17. 4000 2375 95,0	12.	2240		1275		61,5					
15. 3150 1725 78,9 16. 3550 1925 86,6 17. 4000 2375 95,0	13.	2500	±15	1405	25%	66,5					
16. 3550 1925 86,6 17. 4000 2375 95,0	14.	2800		1555		72,2					
17. 4000 2375 95,0	15.	3150		1725		78,9					
	16.	3550		1925	1925						
18. 4250 2625 99,7	17.	4000		2375		95,0					
	18.	4250		2625		99,7					
19. 4500 2875 104,5	19.	4500		2875		104,5	-				
Props VALENT type SNW Technical data											
Lp. H max [mm] H min [mm] Weight [kg]	L.p. H max [mm]			H min (mm)		Weight [kg]					
1. 3150 1725 78,9 ±3	1.	3150	445	1725	1.504	78,9	5				
2. 3550 ±15 ±5% ±3 1925 86,6	2.	3550	212	1925	20%	86,6	±)				

3 Inner tube			1 pcs Acc. to drawing				HR4-01.031 / HR4-01.032		
	2 Lock			1 pcs Acc. to drawing			HR4-01.02		
	1	Outer tube			1 pcs	Acc. to drawing		HR4-01.01	
	Pos.	Part name			Quantity	Material		Drawing No	
			A-4 1:5	Steel friction prop VALENT type SN,				wing No	
	acc.		1.5		SNW			HR4-01.00	





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ABOUT COMPANY

The Company has been established in 1993 and since its very beginning it is engaged mostly with mining industry. Systematic investments in the machine fleet and infrastructure as well as improvement of professional qualifications of employees allow us to offer products of unchanged high quality and performance of specialist services within the scope of metal and plastics machining as well as welding services. Quality management system implemented in 2004 according to PN-EN ISO 2001:2009 standard guarantees high quality within all aspects of our operations.

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We manufacture individual hydraulic and friction props for development in mining workings as well as hydraulic servomotors. Moreover, we offer repairs within the mentioned scope, post-guarantee repairs of hydraulic actuators for construction machines as well as we perform services related to machining on conventional and CNC machines. We also perform welding works.





PRODUCTION FOR THE MINING INDUSTRY

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Basic activity of the company is production of props and elements of individual supports for application in underground workings. Main products are hydraulic props SHC type and fast-release SHC type SU, individual hydraulic props, friction props VALENT, SV, SVt and SVtw as well as link roof-bars SCGB. We also offer equipment for SHC props. Purpose of our products is to provide safety of miners working in the mines. All our products are approved for application in cramp-hazard and non-cramp-hazard zones, in non-methane and methane workings qualified to "a", "b" or "c" class of methane explosion hazard and class "A" or "B" of pulverized coal explosion hazard.



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CENTRALLY SUPPLIED SHC HYDRAULIC PROPS AND FAST RELEASE PROPS SHC-SU FOR CRAMPING STRATA TOGETHER WITH EQUIPMENT.

These are elements of individual supports used to support roof in underground workings. They are applied mostly to support the roof in longwall workings operated using fall of roof method, in galleries and for additional support of gallery and longwall workings.

FRICTION PROPS:

- pipe type, immediately supporting, VALENT

- type SV, SVt as well as SVtw, made of shapes type V25 and V29.

Alike SHC props, these are elements of individual supports used to support roof in underground workings. They are applied mostly to support the roof in longwall workings operated using fall of roof method, in galleries and for additional support of gallery and longwall workings.

INDIVIDUAL HYDRAULIC PROPS SHI-HR:

These props can be used as supports of the roof while developing the workings, at crossings of walls with galleries, developing cavities, anchoring conveyor drives, anchoring the turning stations of belt conveyors as well as anchoring and tensioning stations and drawers. Due to its construction, the mentioned props can be used within the working range 0 to 90 during strutting between the roof and floor.

STEEL LINK ROOF BARS, MEMBER TYPE SCGB-96HR-5:

They are used to lateral encasing of longwall workings and cavities. Because of articulated joints, they form, within individual lines of the prop, a single chains of roof bars, that well adhere to the roof.







