

KÖRSZELET-BOLTOZATU HIDAK

Beszögelő szárny-előlappal.

merőleges szárnyfalakkal
(l. a 126. és 127. sz. szabványlapot.)

Kiszögelő szárny-hátlappal.

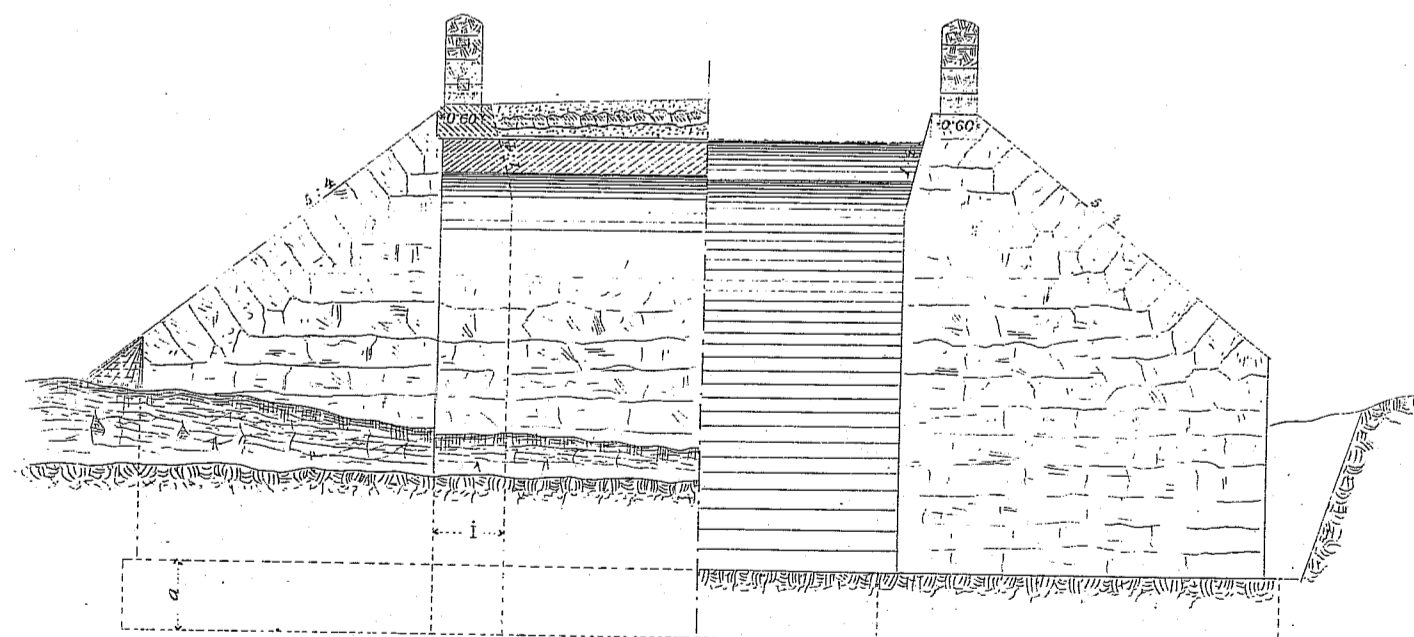
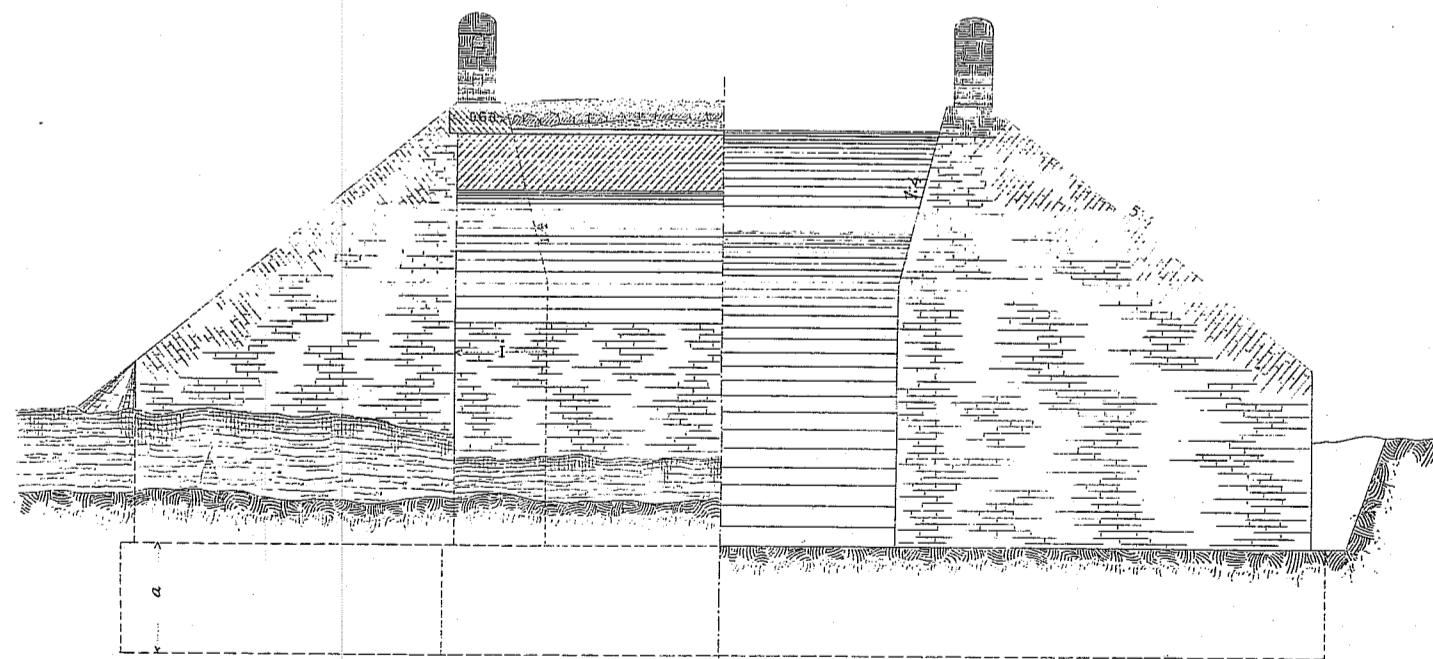
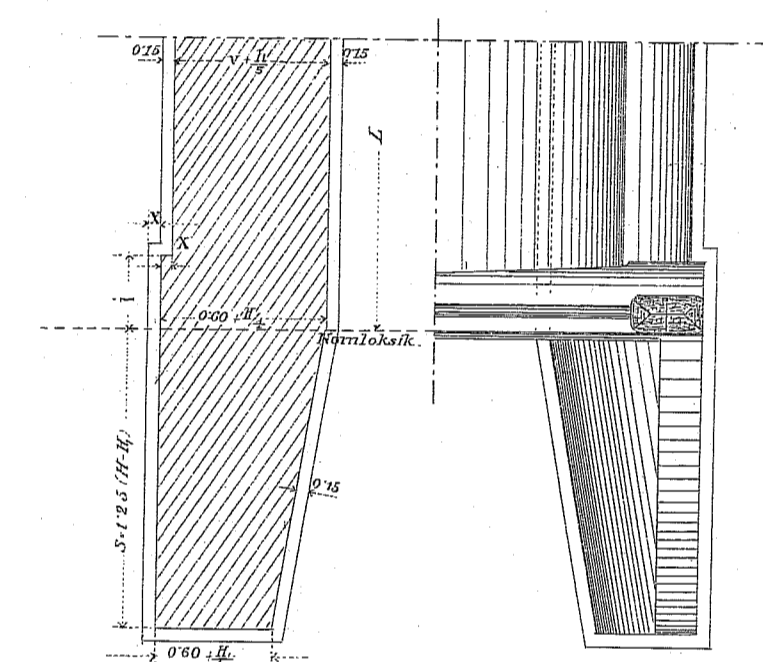
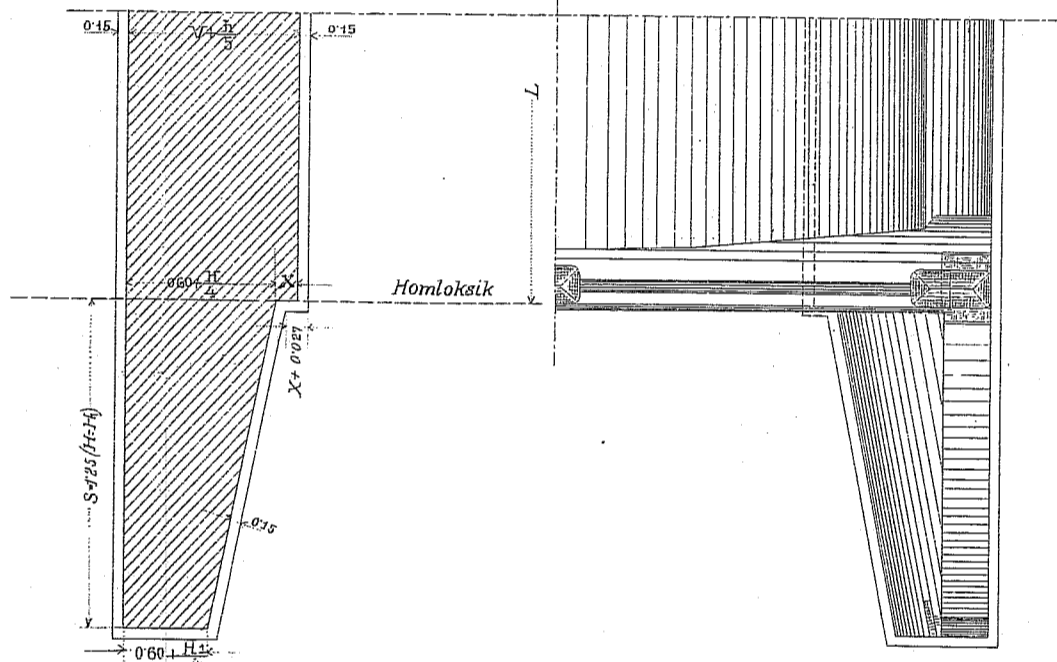
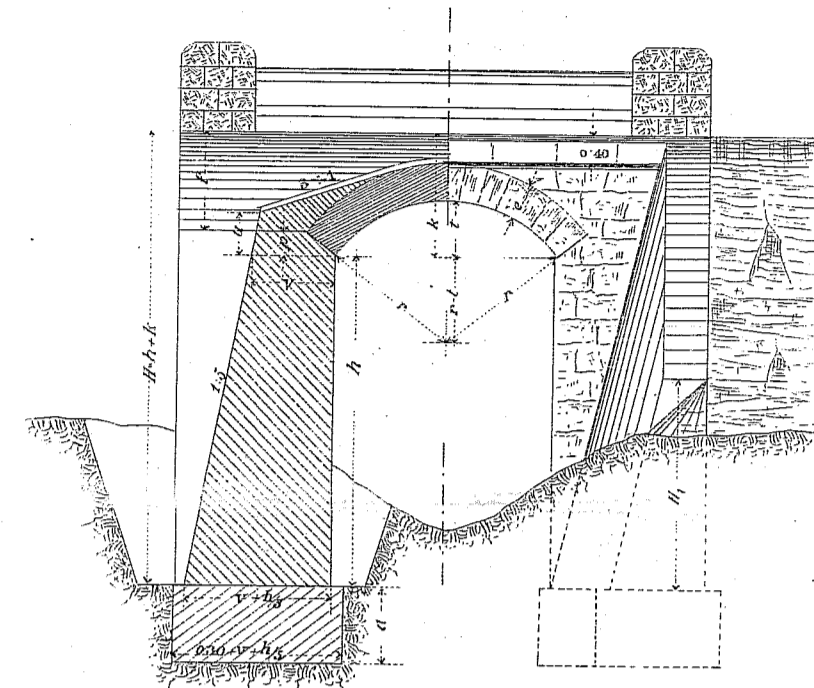
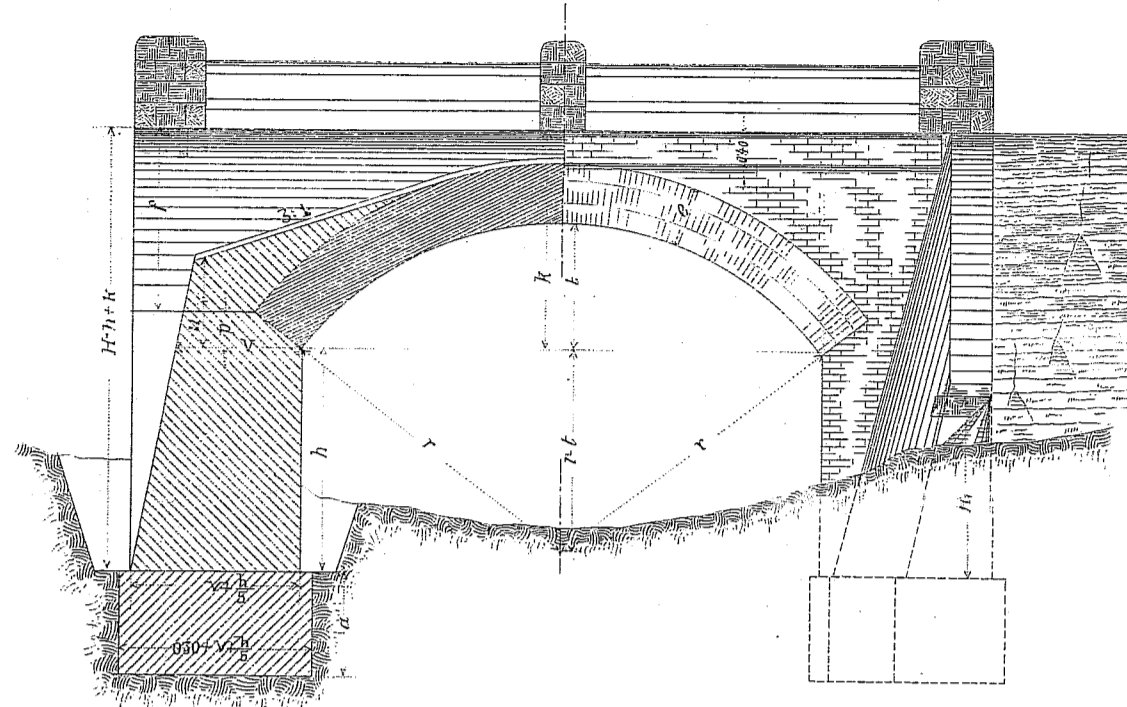
A nyílásonként változó méretek.

a) Kő hidaknál.

Hidnyílás	méret méterben									
	e	v	k	f	i	r	t	p	u	x
1'0	0'35	0'75	1'00	0'79	0'60	0'625	0'250	0'21	0'25	0'05A + 0
1'5	0'38	0'85	1'15	0'92	0'60	0'940	0'375	0'23	0'31	0'05A - 0'01
2'0	0'40	0'95	1'30	1'08	0'68	1'250	0'500	0'24	0'38	0'05A - 0'03
3'0	0'45	1'10	1'60	1'33	0'93	1'875	0'750	0'27	0'49	0'05A - 0'10
4'0	0'50	1'25	1'80	1'60	1'00	2'500	1'000	0'30	0'62	0'05A - 0'17
5'0	0'55	1'40	2'20	1'87	1'07	3'125	1'250	0'32	0'75	0'05A - 0'25
6'0	0'60	1'55	2'50	2'14	1'14	3'750	1'500	0'38	0'88	0'05A - 0'32
7'0	0'65	1'70	2'80	2'41	1'20	4'375	1'750	0'38	1'01	0'05A - 0'40
8'0	0'70	1'85	3'10	2'68	1'27	5'000	2'000	0'42	1'13	0'05A - 0'47
9'0	0'75	2'00	3'40	2'95	1'34	5'625	2'250	0'45	1'26	0'05A - 0'55
10'0	0'80	2'15	3'70	3'22	1'41	6'250	2'500	0'48	1'39	0'05A - 0'62

b) Téglahidaknál.

Hidnyílás	méret méterben									
	e	v	k	f	i	r	t	p	u	x
1'0	0'44	0'75	1'090	0'830	0'60	0'625	0'250	0'26	0'35	0'05A + 0'12
1'5	0'44	0'85	1'215	0'955	0'60	0'940	0'375	0'26	0'38	0'05A + 0'05
2'0	0'58	0'95	1'480	1'136	0'88	1'250	0'500	0'35	0'58	0'05A + 0'02
3'0	0'58	1'10	1'740	1'386	0'95	1'875	0'750	0'35	0'65	0'05A - 0'07
4'0	0'59	1'25	1'990	1'636	1'01	2'500	1'000	0'35	0'72	0'05A - 0'15
5'0	0'74	1'40	2'380	1'946	1'09	3'125	1'250	0'44	0'86	0'05A - 0'20
6'0	0'74	1'55	2'840	2'186	1'15	3'750	1'500	0'44	1'04	0'05A - 0'29
7'0	0'74	1'70	3'300	2'446	1'21	4'375	1'750	0'44	1'11	0'05A - 0'38
8'0	0'88	1'85	3'790	2'756	1'28	5'000	2'000	0'53	1'25	0'05A - 0'48
9'0	0'89	2'00	3'540	3'006	1'35	5'625	2'250	0'53	1'42	0'05A - 0'51
10'0	0'89	2'15	3'790	3'256	1'41	6'250	2'500	0'53	1'49	0'05A - 0'61



KÖRSZELET-BOLTOZATÚ HIDAK KÖBÖL

merőleges szárnyfalakkal.

(l. a 125. sz. szabványlapot.)

A híd nyílása m	A híd szélessége (L) m	K ö b ö s t e r ü l e t m e n n y i s é g e k a homlokcsikok között					a homlokcsikon kívül egy szárnyban		falazat az alap fölött m ³
		alapfalazat m ³	falazat az alap fölött m ³	bolt- falazat m ³	hát- falazat m ³	bolt- fedő- réteg m ³	a l a p f a l a z a t m ³		
10	70	(2'950k+15'00)a	1'760k ² +11'34k+3'84	3'63	0'85	14'54	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a	0'0521(H ² -H ₁ ²)+0'375(H ² -H ₁ ²)	
	80	(3'350k+17'10)a	1'960k ² +12'84k+4'09	4'15	1'00	17'05	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
	90	(3'750k+19'20)a	2'160k ² +14'34k+4'33	4'67	1'14	19'55	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
	100	(4'150k+21'30)a	2'360k ² +15'84k+4'58	5'19	1'29	22'06	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
15	70	(2'950k+16'22)a	1'760k ² +12'69k+4'90	5'56	1'49	18'62	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
	80	(3'350k+18'52)a	1'960k ² +14'39k+5'21	6'36	1'75	21'83	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
	90	(3'750k+20'82)a	2'160k ² +16'09k+5'52	7'15	2'00	25'04	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
	100	(4'150k+23'12)a	2'360k ² +17'79k+5'82	7'94	2'26	28'25	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
20	70	(3'003k+17'40)a	1'919k ² +14'20k+6'61	7'53	2'11	21'49	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
	80	(3'403k+19'90)a	2'119k ² +16'10k+6'98	8'61	2'50	25'41	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
	90	(3'803k+22'40)a	2'319k ² +18'00k+7'35	9'68	2'89	29'33	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
	100	(4'203k+24'90)a	2'519k ² +19'90k+7'71	10'76	3'29	33'25	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
30	70	(2'800k+19'60)a	1'773k ² +16'45k+10'27	12'27	3'83	28'43	[0'156(H ² -H ₁ ²)+1'117H-1'088H ₁ +0'16] a		
	80	(3'017k+19'17)a	1'960k ² +16'34k+9'75	12'27	3'83	28'43	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
40	70	(2'800k+21'70)a	1'800k ² +18'80k+14'32	17'85	5'98	35'28	[0'156(H ² -H ₁ ²)+1'117H-1'088H ₁ +0'17] a		
	80	(3'030k+20'90)a	2'000k ² +18'42k+13'18	17'85	5'98	35'28	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
50	70	(2'800k+23'80)a	1'827k ² +21'16k+19'11	24'27	8'52	42'03	[0'156(H ² -H ₁ ²)+1'117H-1'088H ₁ +0'19] a		
	80	(3'044k+22'58)a	2'041k ² +21'48k+17'16	24'27	8'52	42'03	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
60	70	(2'800k+25'90)a	1'854k ² +23'54k+24'69	31'54	11'42	48'69	[0'156(H ² -H ₁ ²)+1'117H-1'088H ₁ +0'20] a		
	80	(3'057k+24'23)a	2'081k ² +22'53k+21'69	31'54	11'42	48'69	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
70	70	(2'800k+28'00)a	1'881k ² +25'95k+31'10	39'66	14'68	55'25	[0'156(H ² -H ₁ ²)+1'117H-1'088H ₁ +0'21] a		
	80	(3'071k+25'84)a	2'122k ² +24'56k+26'81	39'66	14'68	55'25	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
80	70	(2'800k+30'10)a	1'908k ² +28'36k+38'39	48'61	18'26	61'72	[0'156(H ² -H ₁ ²)+1'117H-1'088H ₁ +0'23] a		
	80	(3'084k+27'40)a	2'162k ² +26'57k+32'54	48'61	18'26	61'72	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
90	70	(2'800k+32'20)a	1'935k ² +30'80k+46'61	58'41	22'13	68'10	[0'156(H ² -H ₁ ²)+1'117H-1'088H ₁ +0'24] a		
	80	(3'098k+28'93)a	2'203k ² +28'56k+38'91	58'41	22'13	68'10	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		
100	70	(2'800k+34'30)a	1'962k ² +33'25k+55'79	69'06	26'29	74'38	[0'156(H ² -H ₁ ²)+1'117H-1'088H ₁ +0'25] a		
	80	(3'111k+30'41)a	2'243k ² +30'53k+45'93	69'06	26'29	74'38	[0'156(H ² -H ₁ ²)+1'125H-1'088H ₁ +0'13] a		

Egy végső korlátoszlop faragott kőből . . . (m³) . . . 0'60Egy közbelső korlátoszlop faragott kőből . . . (m³) . . . 0'36

KÖRSZELET-BOLTOZATU HIDAK TÉGLÁBÓL

merőleges szárnyfalakkal.

(l. a 125. sz. szabványlapot.)

A híd nyílása	A híd szélessége (L)	K ö b- é s t e r ü l e t m e n n y i s é g e k										egy db faragott alsó sarokké				
		a homlokosikok között					a homlokosikon kívül egy szárnyban									
		alapfalazat	falazat az alap fölött	boltt-falazat	bát-falazat	boltt-felső sarokké	boltt-felső sarokké	boltt-felső sarokké	boltt-felső sarokké	boltt-felső sarokké	boltt-felső sarokké	boltt-felső sarokké	boltt-felső sarokké	boltt-felső sarokké	boltt-felső sarokké	
m	m	m ³	m ³	m ³	m ³	m ³	m ³	m ³	m ³	m ³	m ³	m ³	m ³	m ³	m ³	
1.0	7.0	(2'950A + 15'07)A	1'780A ² + 11'45A + 3'58	4'83	0'92	14'27	0'80	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	8.0	(3'350A + 17'17)A	1'980A ² + 12'95A + 3'85	5'52	1'08	18'73	0'80	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	9.0	(3'750A + 19'27)A	2'180A ² + 14'45A + 4'14	6'21	1'24	19'19	0'80	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	10.0	(4'150A + 21'37)A	2'380A ² + 15'95A + 4'43	6'90	1'39	21'65	0'80	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	7.0	(2'850A + 16'28)A	1'780A ² + 12'78A + 4'53	6'81	1'53	18'45	0'80	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	8.0	(3'350A + 18'58)A	1'980A ² + 14'48A + 4'87	7'15	1'79	21'63	0'80	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	9.0	(3'750A + 20'88)A	2'180A ² + 16'18A + 5'21	8'50	2'06	24'81	0'80	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	10.0	(4'150A + 23'18)A	2'380A ² + 17'86A + 5'56	9'44	2'32	27'99	0'80	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	7.0	(3'007A + 17'59)A	1'930A ² + 14'54A + 6'81	11'83	2'14	21'00	1'01	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	8.0	(3'407A + 20'09)A	2'130A ² + 16'44A + 7'38	13'52	2'54	24'82	1'01	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	9.0	(3'807A + 22'59)A	2'330A ² + 18'34A + 7'87	15'21	2'94	28'65	1'01	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	10.0	(4'207A + 25'09)A	2'530A ² + 20'24A + 8'35	16'80	3'34	32'47	1'01	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	3.0	A < 1'30	(3'800A + 19'60)A	1'778A ² + 16'56A + 11'02	16'82	3'82	28'08	[0'156 (H ² -H ₁ ²) + 1'117 H-1'088 H ₁ + 0'16] A								
	4.0	A > 1'30	(3'019A + 19'31)A	1'888A ² + 18'80A + 10'65	16'82	3'82	28'08	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	7.0	A < 3'05	(3'800A + 21'70)A	1'804A ² + 18'87A + 14'49	21'41	5'95	35'08	[0'156 (H ² -H ₁ ²) + 1'117 H-1'088 H ₁ + 0'17] A								
	7.0	A > 3'05	(3'032A + 20'99)A	2'005A ² + 18'60A + 13'85	21'41	5'95	35'06	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	7.0	A < 4'05	(3'800A + 23'80)A	1'835A ² + 21'33A + 20'39	39'57	8'32	41'58	[0'156 (H ² -H ₁ ²) + 1'117 H-1'088 H ₁ + 0'18] A								
	7.0	A > 4'05	(3'047A + 23'80)A	2'052A ² + 20'88A + 18'68	39'57	8'32	41'58	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	7.0	A < 5'80	(3'800A + 25'90)A	1'880A ² + 23'88A + 25'77	39'58	11'24	48'36	[0'156 (H ² -H ₁ ²) + 1'117 H-1'088 H ₁ + 0'20] A								
	7.0	A > 5'80	(3'060A + 24'38)A	2'089A ² + 22'84A + 22'91	39'58	11'24	48'36	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	7.0	A < 7'55	(3'800A + 28'00)A	1'885A ² + 26'03A + 31'89	45'58	14'54	55'05	[0'156 (H ² -H ₁ ²) + 1'117 H-1'088 H ₁ + 0'21] A								
	7.0	A > 7'55	(3'072A + 26'84)A	2'127A ² + 24'78A + 27'87	45'58	14'54	55'05	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	8.0	A < 8'55	(3'800A + 30'10)A	1'918A ² + 28'56A + 40'12	62'91	17'84	61'31	[0'156 (H ² -H ₁ ²) + 1'117 H-1'088 H ₁ + 0'22] A								
	8.0	A > 8'55	(3'088A + 27'84)A	2'173A ² + 27'03A + 34'42	62'91	17'84	61'31	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	8.0	A < 10'30	(3'800A + 32'20)A	1'941A ² + 30'88A + 48'02	70'13	21'79	67'80	[0'156 (H ² -H ₁ ²) + 1'117 H-1'088 H ₁ + 0'24] A								
	8.0	A > 10'30	(3'100A + 29'11)A	2'211A ² + 28'91A + 40'41	70'13	21'79	67'80	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								
	10.0	A < 12'05	(3'800A + 34'30)A	1'888A ² + 33'38A + 66'79	77'35	26'05	74'20	[0'156 (H ² -H ₁ ²) + 1'117 H-1'088 H ₁ + 0'25] A								
	10.0	A > 12'05	(3'113A + 30'53)A	2'248A ² + 30'76A + 48'97	77'35	26'05	74'20	[0'156 (H ² -H ₁ ²) + 1'125 H-1'088 H ₁ + 0'18] A								

0.19

$0.0521 (H^2 - H_1^2) + 0.375 (H^2 - H_1^2) - 0.144$

$0.0521 (H^2 - H_1^2) + 0.375 (H^2 - H_1^2) - 0.12$

Egy végső korlátoszlop faragott kőből . . . (m³) . . . 0'60

Egy közbenső korlátoszlop faragott kőből . . . (m³) . . . 0'36

KÖRSZELET-BOLTOZATU HIDAK.

A hidszélesség

1.0 méterrel való változásának megfelelő kő- és területmennyiségek.

A hid nyílása m	Alapfalazat m ³	Falazat az alap fölött m ³	Bolt- falazat m ³	Hát- falazat m ³	Bolt- fedőréteg m ³
1.0	(0.40 h + 2.10) a	0.20 h ³ + 1.50 h + 0.247	0.519	0.147	2.506
1.5	(0.40 h + 2.30) a	0.20 h ³ + 1.70 h + 0.308	0.795	0.256	3.210
2.0	(0.40 h + 2.50) a	0.20 h ³ + 1.90 h + 0.368	1.076	0.392	3.919
3.0	(0.40 h + 2.80) a	0.20 h ³ + 2.20 h + 0.482	1.752	0.726	5.220
4.0	(0.40 h + 3.10) a	0.20 h ³ + 2.50 h + 0.612	2.550	1.150	6.520
5.0	(0.40 h + 3.40) a	0.20 h ³ + 2.80 h + 0.757	3.468	1.666	7.821
6.0	(0.40 h + 3.70) a	0.20 h ³ + 3.10 h + 0.917	4.506	2.274	9.121
7.0	(0.40 h + 4.00) a	0.20 h ³ + 3.40 h + 1.093	5.665	2.973	10.421
8.0	(0.40 h + 4.30) a	0.20 h ³ + 3.70 h + 1.284	6.945	3.763	11.722
9.0	(0.40 h + 4.60) a	0.20 h ³ + 4.00 h + 1.490	8.345	4.644	13.022
10.0	(0.40 h + 4.90) a	0.20 h ³ + 4.30 h + 1.711	9.865	5.616	14.323
b) T é g l a - h í d a k n á l.					
1.0	(0.40 h + 2.10) a	0.20 h ³ + 1.50 h + 0.289	0.689	0.158	2.461
1.5	(0.40 h + 2.30) a	0.20 h ³ + 1.70 h + 0.342	0.944	0.264	3.180
2.0	(0.40 h + 2.50) a	0.20 h ³ + 1.90 h + 0.480	1.690	0.400	3.824
3.0	(0.40 h + 2.80) a	0.20 h ³ + 2.20 h + 0.687	2.374	0.725	5.150
4.0	(0.40 h + 3.10) a	0.20 h ³ + 2.50 h + 0.993	3.058	1.146	6.475
5.0	(0.40 h + 3.40) a	0.20 h ³ + 2.80 h + 0.941	4.796	1.631	7.726
6.0	(0.40 h + 3.70) a	0.20 h ³ + 3.10 h + 1.074	5.654	2.242	9.051
7.0	(0.40 h + 4.00) a	0.20 h ³ + 3.40 h + 1.207	6.511	2.948	10.377
8.0	(0.40 h + 4.30) a	0.20 h ³ + 3.70 h + 1.539	8.986	3.684	11.627
9.0	(0.40 h + 4.60) a	0.20 h ³ + 4.00 h + 1.699	10.018	4.580	12.952
10.0	(0.40 h + 4.90) a	0.20 h ³ + 4.30 h + 1.859	11.049	5.571	14.278