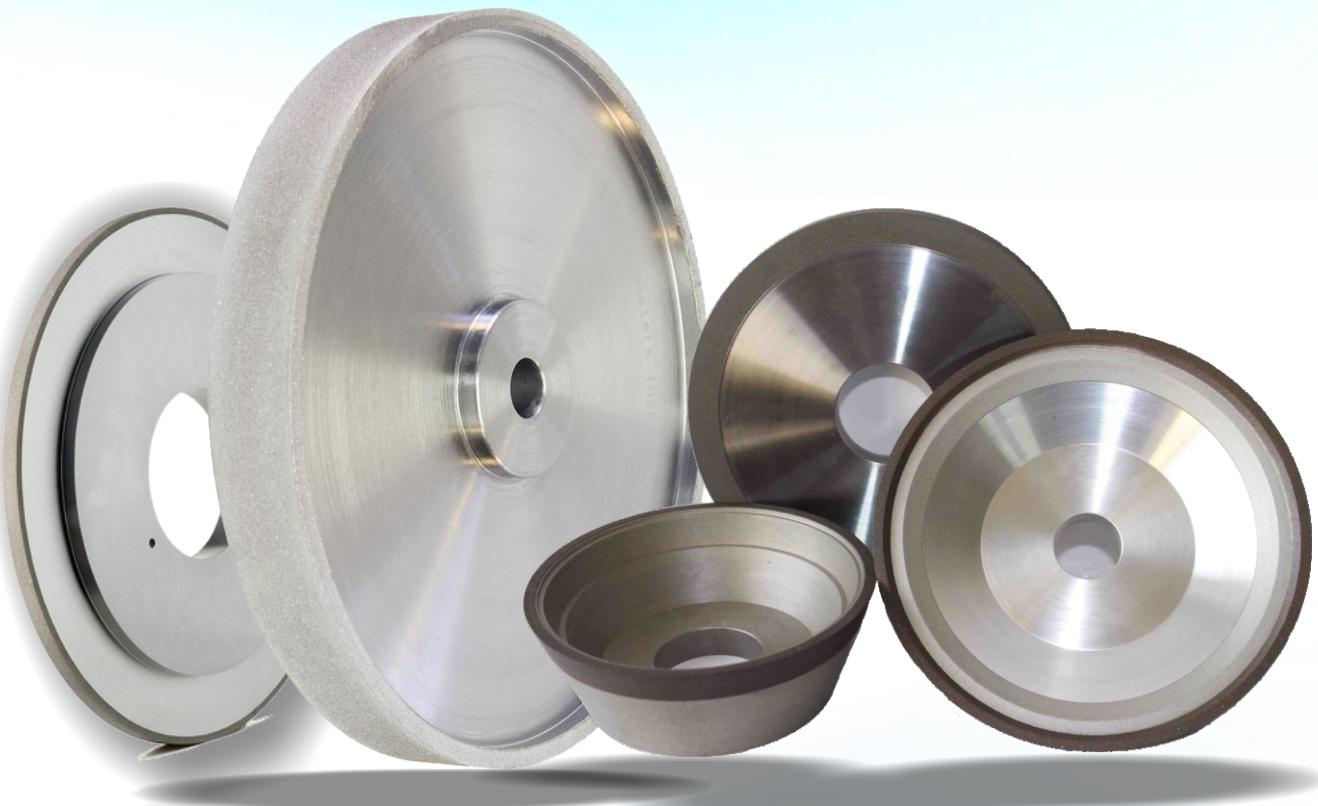


**G
THE
TOOLS**

**Gyémánt
CBN
korongok**



További információkért látogasson el weboldalunkra www.hegetools.hu

	Megmunkálandó anyag	JELÖLÉS
GYÉMÁNT	keményfém	SK
	keményfém, acél, forrasztófém	
	WC, TiC tartalmú keményfémek	
GYÉMÁNT	kerámia	KE
	hőálló, tűzálló anyagok	
	drágakő és féldrágakő	
	üveg porcelán	
	ólom, grafit	
	germánium, szilícium	
CBN (KÖBÖSBÓR NITRID)	üvegszál	OC
	gyorsacél	
	keményfém 52 HRC felett	
	szénacél	
	magas ötvözőanyag-tartalmú fém (króm, nikkel stb.)	
	öntöttvas	
	stellitek	

Kötőanyagok ajánlott alkalmazása

kötőanyag				megmunkálandó anyag			hűtés	
		gyémánt	CBN	SK	KE	OC	van	nincs
fém kötés	SZKM	●		●			●	
	BZ-1, BZ-3, BZ-4, BZ-6, BZ-8	●		●			●	
	Bz123, Bz124, BZ130	●		●	●		●	
	BZ-S6/X	●			●		●	
	EB-V	●		●			●	
	BZ-9	●		●	●		●	
	Ni	●	●	●	●		●	○
gyanta kötés	B-I, B-III	●	●	●	●	●	●	●
	B-II, B-V	●		●	●	●	●	●
	B-VI, B-VIII	●		●	●	●	●	○
	B-VII, B-XI, B-XIII, B-XIII4F, B-XIII4M, B-XV, B-XV4f, B-XV4M	●	●	●	●	●	●	○
● Ajánlott alkalmazás								

Szemcseméretek

ISO 6106 (FEPA)		US Standard ASTM-E-11-70	ČSN - 224015
Gyémánt	CBN		
D 711	B 711	25/30	
D 601	B 601	30/35	630/500
D 501	B 501	35/40	500/400
D 426	B 426	40/45	400/315
D 356	B 356	45/50	315/250
D 301	B 301	50/60	
D 251	B 251	60/70	250/200
D 213	B 213	70/80	200/160
D 181	B 181	80/100	160/125
D 151	B 151	100/120	
D 126	B 126	120/140	125/100
D 107	B 107	140/170	100/80
D 91	B 91	170/200	
D 76	B 76	200/230	80/63
D 64	B 64	230/270	63/50
D 54	B 54	270/325	50/40
D 46	B 46	325/400	40/28
D 39	B 39	400/500	36/25

A mikropor szemcsemérete

Méret	[mm]	D27	D20	D15	D10	D7	D6	D3	D2	D1	D0,7
		28 ÷ 40	20 ÷ 28	14 ÷ 20	10 ÷ 14	7 ÷ 10	5 ÷ 7	3 ÷ 5	2 ÷ 3	1 ÷ 2	0 ÷ 1

Szemcseméretek

Szemcseméret		Felhasználási terület, megmunkálás módja	Felület minőség	
Gyémánt	CBN		~ Ra	
D 213 D 181 D 151	B 251 B 213 B 181	Hatókony megmunkáláshoz, nagyolási műveletekhez, ahol elengedhetetlen a magas teljesítmény	1,2	
D 126 D 107 D 91	B 151 B 126 B 107	Hatókony megmunkáláshoz, nagyolási műveletekhez	0,8	
D 76 D 64	B 91 B 76	Közepes megmunkáláshoz, szerszámkészítéshez	0,4	
D 54 D 46	B 64 B 54	Simításhoz	0,2	
D 39	B 46	Leppeléshez	0,1	
D 27 D 20 D 15	-	Polírozáshoz	0,08	
D 10 D 7	-	Polírozáshoz	0,05	
D6	-	Polírozáshoz	0,025	

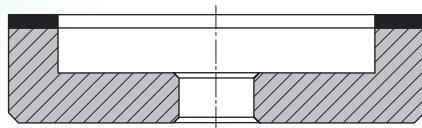
Alkalmazható koncentrációk

K jelölés	25	50	75	100	125	150
szemcse sűrűség g/cm ³	1,10	2,20	3,30	4,40	5,50	6,60
koncentráció	alacsony		közepes		magas	
megmunkálás	speciális megmunkálás	általános köszörülés	profilköszörülés furatköszörülés keskeny köszörülési réteg			

Korong alakzatok

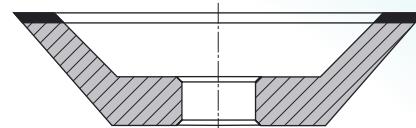
FEPA 6A2

9



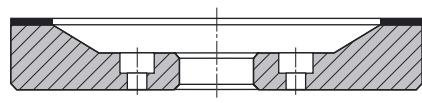
FEPA 12V2

15



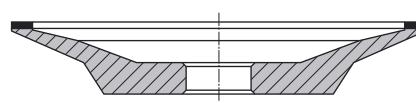
FEPA 6A2B

10



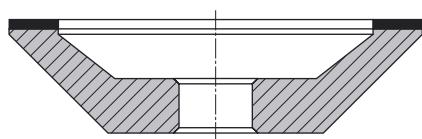
FEPA 13A2

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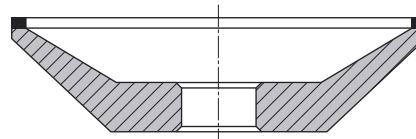
FEPA 12A2/45°

12



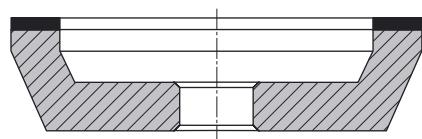
FEPA 12A2 11A+

16



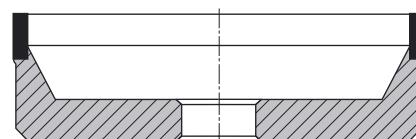
FEPA 11A2

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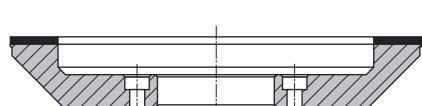
FEPA 6A9

16



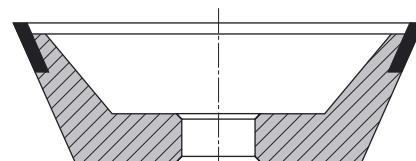
FEPA 12A2/45°

14



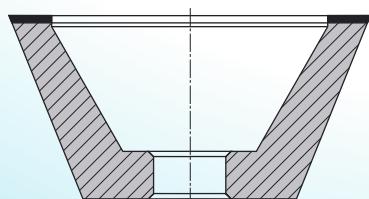
FEPA 11V9

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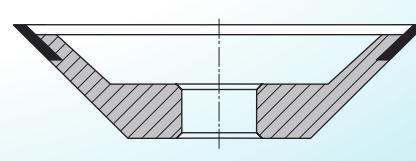
FEPA 11B2

14



FEPA 12V9

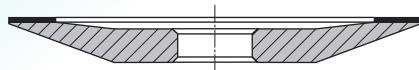
17



Korong alakzatok

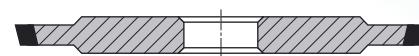
FEPA 12A2/20°

18



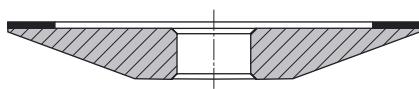
FEPA 14V1

24



FEPA 4A2/20°

19

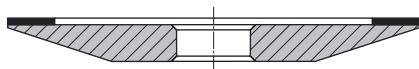


FEPA 3B1

24

FEPA 4A2

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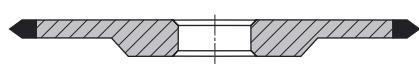


FEPA 1A1

25

FEPA 3E1

21

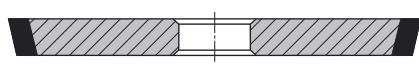


FEPA 14A1

28

FEPA 1V1

22



FEPA 3A1

29

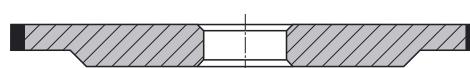
FEPA 3V1

23



FEPA 4A9

30



Korong alakzatok

FEPA 9A3

30



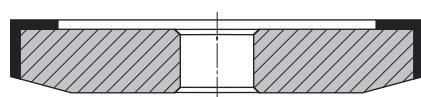
FEPA 1A8W

35



FEPA 4C9

31



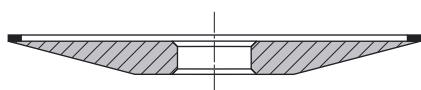
FEPA 1A8W

36



SP 01

31



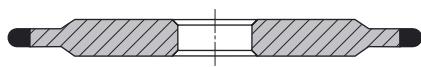
FEPA 1A1W

36



FEPA 14F1

32



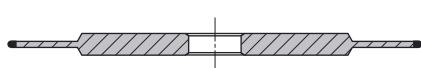
FEPA 4A2

37



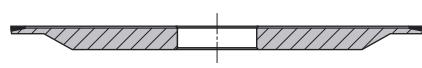
FEPA 14F1

33



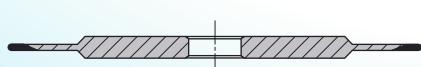
SP 02

38



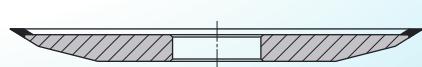
FEPA 14V1

34



FEPA 12V2

38



Korong alakzatok

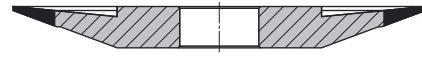
FEPA 4A2

39



FEPA 4BT9

42



FEPA 12B9

39



SP 03

42

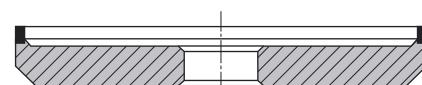
FEPA 4B2

40



FEPA 6A2

43



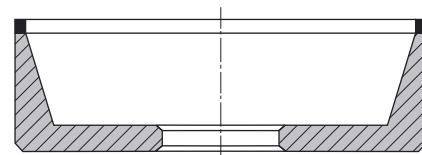
FEPA 6A2

40



FEPA 6A2

43



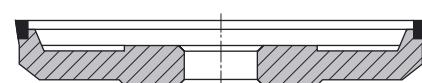
FEPA 4ET9

41



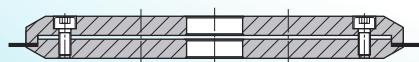
SP 04

44



FEPA 14A6

41



MASTER

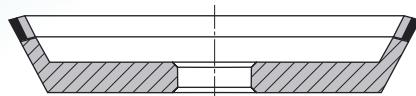
44



Korong alakzatok

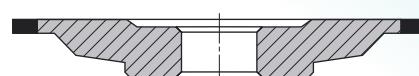
FEPA 11VV5

45



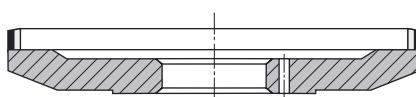
SP 08

48



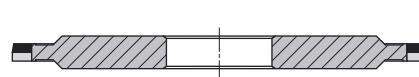
FEPA 6VV5

45



SP 09

48



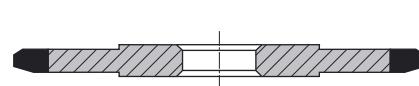
SP 05

46



SP 10

49



SP 06

46



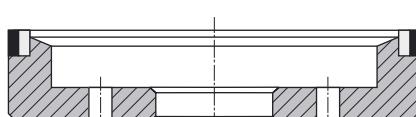
FEPA 1A1R

49



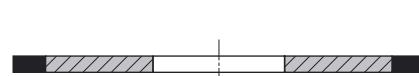
SP 07

47



FEPA 1A1R

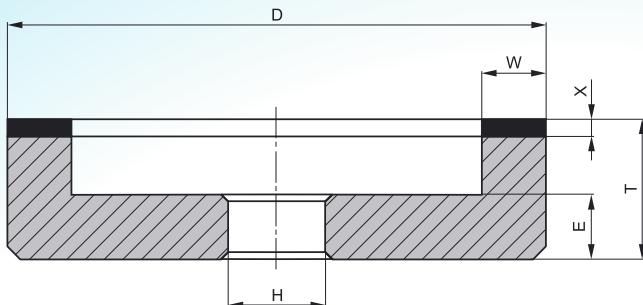
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FEPA 6VV5

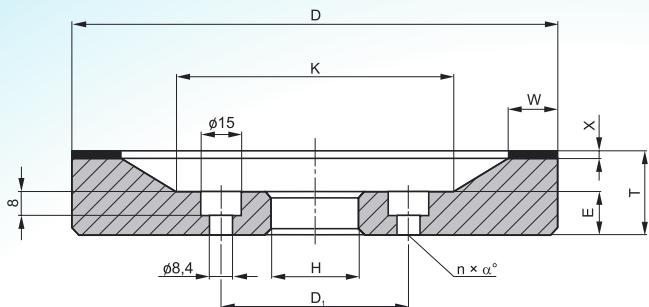
47





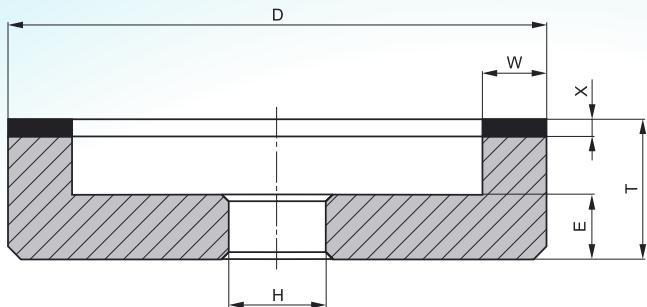
**FEPA
6A2**

		KÖTŐANYAG										
		GYANTA KÖTÉS				FÉM KÖTÉS						
D	W	X				X				T-X	E	H
[mm]	[mm]	2	3	4	5	1,5	2	3	4	[mm]	[mm]	[mm]
50	2	●	○	-	-	●	●	○	-	20	10	10
	3	●	○	-	-	-	-	-	-	20	10	10
	4	●	●	●	-	-	-	-	-	20	10	10
75	3	●	○	-	-	-	-	-	-	20	10	13
	4	●	●	○	-	-	-	-	-	20	10	13
	6	●	●	●	●	-	-	-	-	20	10	13
	10	●	●	●	●	●	●	●	●	20	10	13
100	4	●	●	●	○	-	-	-	-	23	10	20
	6	●	●	●	●	○	-	-	-	23	10	20
	10	●	●	●	●	●	●	●	●	23	10	20
125	4	●	●	●	●	-	-	-	-	23	10	20
	6	●	●	●	●	○	-	-	-	23	10	20
	10	●	●	●	●	●	●	●	●	23	10	20
	15	●	●	●	●	●	●	●	●	23	10	20
150	6	●	●	●	●	-	-	-	-	23	10	20
	10	●	●	●	●	●	●	●	●	23	10	20
	15	●	●	●	●	●	●	●	●	23	10	20
	20	●	●	●	●	●	●	●	●	23	10	20
	25	●	●	●	-	●	●	●	●	23	10	20
175	6	●	●	●	●	-	-	-	-	23	13	32
	10	●	●	●	●	●	●	●	●	23	13	32
	15	●	●	●	●	●	●	●	●	23	13	32
	2	●	●	●	●	●	●	●	●	23	13	32
	25	-	-	-	-	●	●	●	●	23	13	32
200	10	●	●	●	●	●	●	●	●	23	13	32
	15	●	●	●	●	●	●	●	●	25	13	32
	20	●	●	●	●	●	●	●	●	23	13	32
	25	-	-	-	-	●	●	●	●	25	13	32
250	8	●	●	●	●	-	-	-	-	25	13	76
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	12	●	●	●	●	-	-	-	-	25	13	76



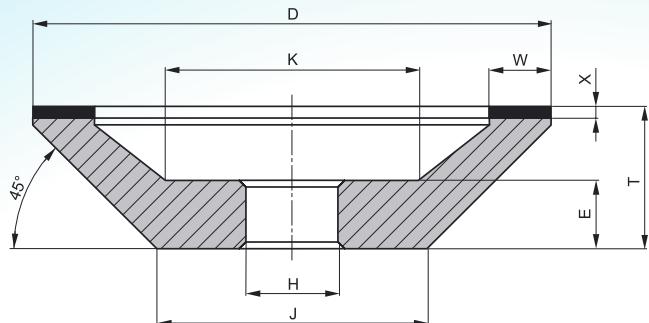
**FEPA
6A2B**

		KÖTŐANYAG							
		FÉM KÖTÉS							
D	W	X		T	E	K	D₁	n × α°	H
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
100	10	3,0		23	13	80	40	3 × 120	20
150	10	1,5		25	13	88	70	3 × 120	50
	15	1,5		25	13	91	70	3 × 120	50
	20	1,5		25	13	86	70	3 × 120	50
	25	1,5		22	12	92	70	3 × 120	50
175	10	1,5		25	13	104	70	3 × 120	50
	15	1,5		25	13	94	70	3 × 120	50
	20	1,5		25	13	94	70	3 × 120	50
	25	1,5		25	13	91	70	3 × 120	50
200	10	1,5		25	13	128	70	3 × 120	50
	15	1,5		25	13	118	70	3 × 120	50
	20	1,5		25	13	108	70	3 × 120	50
	25	1,5		25	13	98	70	3 × 120	50
250	10	1,5		30	18	178	100	6 × 60	76
	15	1,5		30	18	168	100	6 × 60	76
	20	1,5		30	18	158	100	6 × 60	76
	25	1,5		30	18	148	100	6 × 60	76
300	25	1,5		30	18	198	100	6 × 60	76



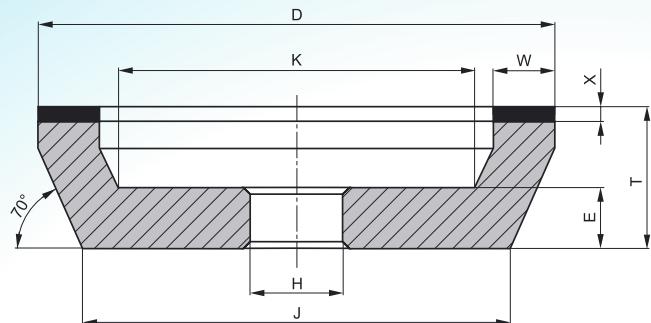
**FEPA
6A2**

		KÖTŐANYAG										
		GYANTA KÖTÉS				FÉM KÖTÉS						
D	W	X				X				T - X	E	H
[mm]	[mm]	2	3	4	5	1,5	2	3	4	[mm]	[mm]	[mm]
250	15	●	●	●	●	●	●	●	●	25	13	76
	20	●	●	●	●	●	●	●	●	25	13	76
	25	-	-	-	-	●	●	●	●	25	13	76
300	10	●	●	●	●	●	●	●	●	30	15	127
	15	●	●	●	●	-	-	-	-	30	15	127
	20	●	●	●	●	-	-	-	-	30	15	127
	25	●	●	●	●	●	●	●	●	30	15	127
350	10	●	●	●	●	●	●	●	●	○	○	○
	12	●	●	●	●	-	-	-	-	○	○	○
	15	●	●	●	●	-	-	-	-	○	○	○
	20	●	●	●	●	-	-	-	-	○	○	○
	24	●	●	●	●	-	-	-	-	○	○	○
	25	●	●	●	●	●	●	●	●	○	○	○
	30	●	●	●	●	-	-	-	-	○	○	○
390	10	●	●	●	●	-	-	-	-	○	○	○
400	20	●	●	●	●	-	-	-	-	○	○	○
	30	●	●	●	●	-	-	-	-	○	○	○
	40	●	●	●	●	-	-	-	-	○	○	○



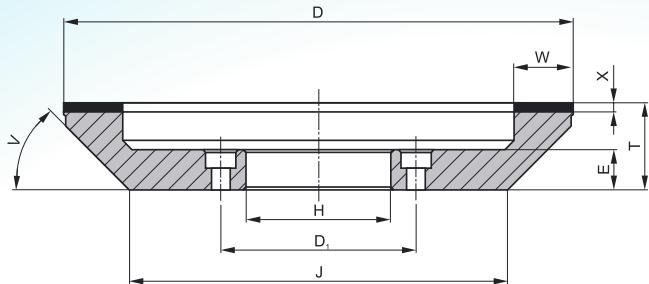
FEPA
12A2/45°

		KÖTŐANYAG										
		GYANTA KÖTÉS			FÉM KÖTÉS							
D	W	X			X			T-X	E	J	K	H
[mm]	[mm]	2	3	4	1,5	2	3	[mm]	[mm]	[mm]	[mm]	[mm]
75	3	●	○	○	-	-	-	20	10	37	37	13
	4	●	●	○	-	-	-	20	10	37	37	13
	6	●	●	●	-	-	-	20	10	37	37	13
	10	●	●	●	●	●	●	20	10	37	37	13
100	3	●	○	○	-	-	-	23	10	56	54	20
	4	●	●	○	-	-	-	23	10	56	54	20
	6	●	●	●	-	-	-	23	10	56	54	20
	10	●	●	●	●	●	●	23	10	56	54	20
125	4	●	●	○	-	-	-	23	10	81	71	20
	6	●	●	●	-	-	●	23	10	81	71	20
	10	●	●	●	●	●	●	23	10	81	71	20
	15	●	●	●	●	●	●	23	10	81	71	20
150	6	●	●	●	-	-	-	23	10	106	96	20
	10	●	●	●	●	●	●	23	10	106	96	20
	15	●	●	●	●	●	●	23	10	106	96	20
175	6	●	●	●	-	-	-	25	12	127	121	32
	10	●	●	●	●	●	●	25	12	127	121	32
	15	●	●	●	●	●	●	25	12	127	121	32
200	10	●	●	●	●	●	●	25	12	152	136	32
	15	●	●	●	●	●	●	25	12	152	136	32
	20	●	●	●	●	●	●	25	12	152	136	32
250	10	●	●	●	●	●	●	25	12	202	196	32
	15	●	●	●	●	●	●	25	12	202	196	32
	20	●	●	●	●	●	●	25	12	202	196	32



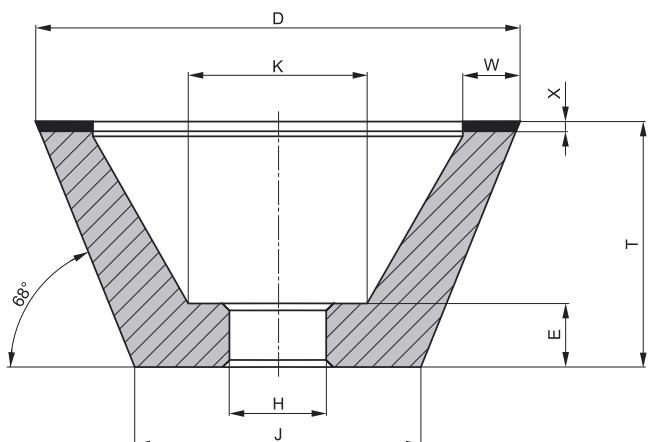
**FEPA
11A2**

D	W	KÖTŐANYAG											
		GYANTA KÖTÉS			FÉM KÖTÉS			T - X	E	J	K	H	
[mm]	[mm]	2	3	4	1,5	2	3	[mm]	[mm]	[mm]	[mm]	[mm]	
75	3	●	○	○	-	-	-	20	10	63	64	13	
	4	●	●	○	-	-	-	20	10	63	62	13	
	6	●	●	●	-	-	-	20	10	63	58	13	
	10	●	●	●	●	●	●	20	10	63	50	13	
100	3	●	○	○	-	-	-	20	10	88	89	20	
	4	●	●	○	-	-	-	20	10	88	87	20	
	6	●	●	●	-	-	-	20	10	88	83	20	
	10	●	●	●	●	●	●	20	10	88	75	20	
125	4	●	●	○	-	-	-	23	10	110	110	20	
	6	●	●	●	-	-	-	23	10	110	106	20	
	10	●	●	●	●	●	●	23	10	110	98	20	
	15	●	●	●	●	●	●	23	10	110	88	20	
150	6	●	●	●	-	-	-	23	10	135	131	20	
	10	●	●	●	●	●	●	23	10	135	123	20	
	15	●	●	●	●	●	●	23	10	135	113	20	



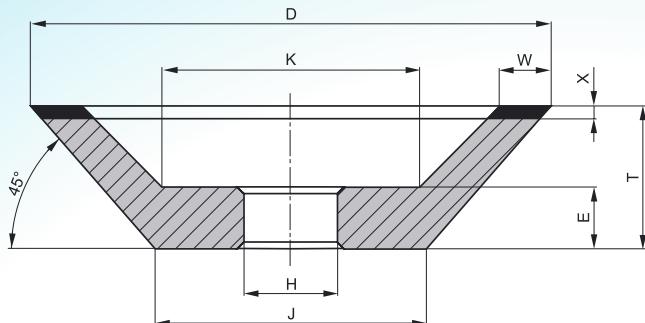
**FEPA
12A2/45°**

KÖTŐANYAG									
GYANTA KÖTÉS									
D	W	X	T	V	E	D ₁	J	H	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
175	20	3	30	45	14	65	130	50	
175	15	4	30	45	14	65	130	50	



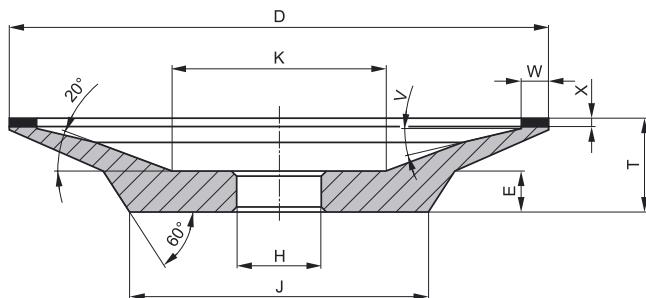
**FEPA
11B2**

D	W	KÖTŐANYAG										
		GYANTA KÖTÉS			FÉM KÖTÉS							
[mm]	[mm]	2	3	4	1,5	2	3	[mm]	[mm]	[mm]	[mm]	[mm]
75	6	●	●	●	-	-	-	36	12	42	31	13
	10	●	●	●	●	●	●	36	12	42	28	13
100	6	●	●	●	-	-	-	36	12	67	56	20
	10	●	●	●	●	●	●	36	12	67	53	20
125	6	●	●	●	-	-	-	36	12	92	81	20
	10	●	●	●	●	●	●	36	12	92	78	20



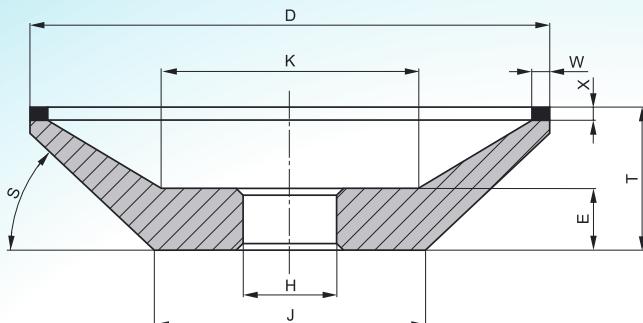
**FEPA
12V2**

		KÖTŐANYAG											
		GYANTA KÖTÉS			FÉM KÖTÉS								
D	W	X			X				T-X	E	J	K	H
[mm]	[mm]	2	3	4	1,5	2	3	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
75	6	●	●	●	-	-	-	18	10	33	33	13	
	10	●	●	●	●	●	●	18	10	33	33	13	
100	6	●	●	●	-	-	-	23	10	46	46	20	
	10	●	●	●	●	●	●	23	10	46	46	20	
125	6	●	●	●	-	-	-	23	10	71	71	20	
	10	●	●	●	●	●	●	23	10	71	71	20	
150	6	●	●	●	-	-	-	23	12	96	100	20	
	10	●	●	●	●	●	●	23	12	96	100	20	

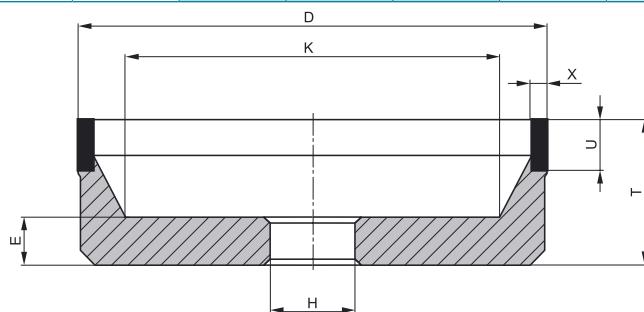


**FEPA
13A2**

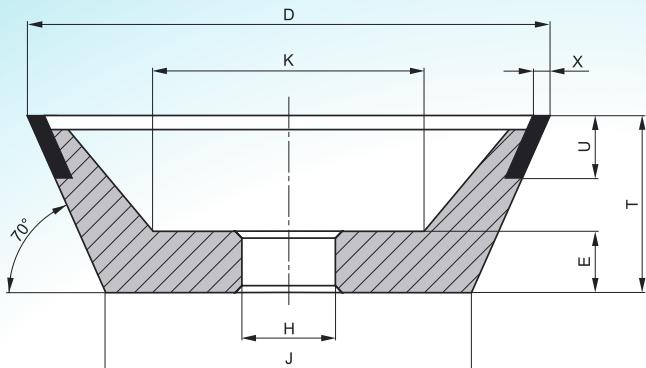
	KÖTŐANYAG								
	GYANTA KÖTÉS								
D	W	X	T	E	J	K	V	H	
[mm]	[mm]	2	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
100	4	●	22	10	60	45	15,0°	20	
	6	-	22	10	60	45	15,0°	20	
	10	●	22	10	60	45	15,0°	20	
125	4	●	22	10	70	50	11,0°	20	
	6	●	22	10	70	50	12,0°	20	
	10	●	22	10	70	50	18,5°	20	
150	4	●	22	10	90	60	8,0°	20	
	6	●	22	10	90	60	9,0°	20	
	10	●	22	10	90	60	11,0°	20	



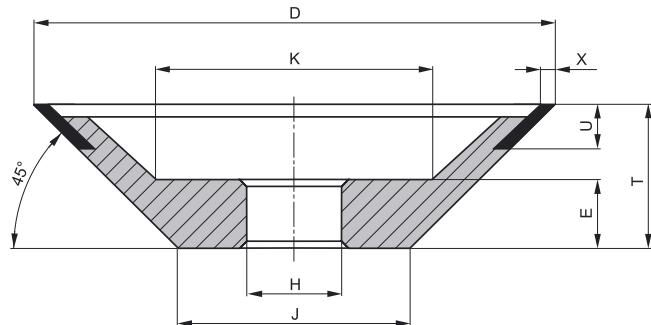
		KÖTŐANYAG												
		GYANTA KÖTÉS			FÉM KÖTÉS									
D	W	X			X				T-X	E	J	K	S	H
[mm]	[mm]	2	3	4	1,5	2	3		[mm]	[mm]	[mm]	[mm]	[°]	[mm]
50	2	●	○	○	-	-	-	17	9,0	31	28	55*	13	
	3	●	●	●	-	-	-	17	9,0	31	28	55*	13	
75	2	●	○	○	●	●	●	20	12,5	49	45*	45	13	
	3	●	●	●	-	-	-	22	10,0	43	40	45	13	
100	2	●	○	○	●	●	●	20	12,5	74	70*	45	20	
	3	●	●	●	-	-	-	21	9,0	60	60	40	20	
125	2	●	○	○	●	●	●	25	12,5	89	78*	45	20	
	2	-	-	-	●	●	●	22	12,0	80	84	38	20	
	3	●	●	●	●	●	●	25	125,5	89	84	45	20	
	4	-	-	-	●	●	●	25	12,5	89	84	45	20	
150	2	●	○	○	●	●	●	25	12,5	114	103*	45	20	
	2	-	-	-	●	●	●	27	12,0	90	68	35	20	
	3	●	●	●	-	-	-	25	12,5	114	100	45	20	



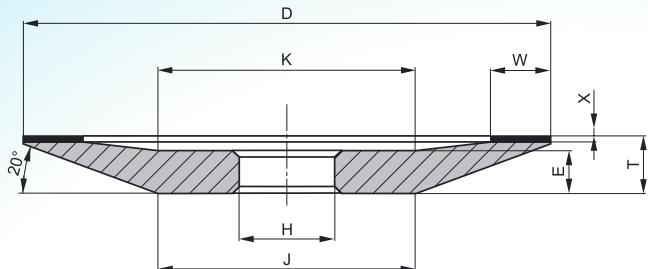
		KÖTŐANYAG					
		GYANTA KÖTÉS					
D	X	U		T	E	K	H
[mm]	[mm]	6	10	[mm]	[mm]	[mm]	[mm]
75	2	●	○	25	10	60	13
	3	●	○	25	10	60	13
100	2	●	○	30	10	80	20
	3	●	○	30	10	80	20
125	2	●	○	30	10	110	20
	3	●	○	30	10	110	20
150	2	●	○	35	10	135	20
	3	●	○	35	10	135	20
200	3	●	○	35	13	175	32
250	3	●	○	50	20	225	32



	KÖTŐANYAG		GYANTA KÖTÉS						
	D	X	U	T	E	J	K	H	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
50	●	●	6	25	10	31	27	10	
60	●	-	6	25	10	41	32	10	
75	●	●	6	30	10	53	40	13	
	●	●	10	30	10	53	40	13	
100	●	●	6	35	10	75	55	20	
	●	●	10	35	10	75	55	20	
125	●	●	6	40	10	96	75	20	
	●	●	10	40	10	96	75	20	
150	●	●	6	50	10	114	90	20	
	●	●	10	50	10	114	90	20	



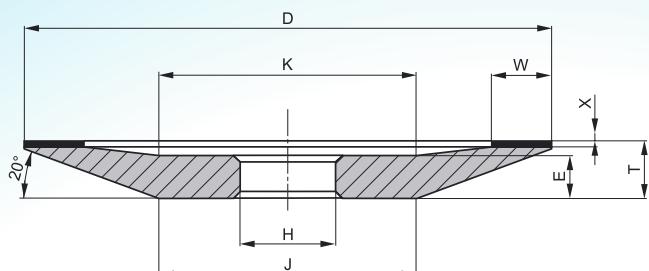
	KÖTŐANYAG		GYANTA KÖTÉS						
	D	X	U	T	E	J	K	H	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
50	●	●	6	20	10	30	20	10	
75	●	●	6	20	10	35	45	13	
100	●	●	6	20	10	60	65	20	
	●	●	10	20	10	60	65	20	
125	●	●	6	25	10	75	80	20	
	●	●	10	25	10	75	80	20	
150	●	●	6	25	10	100	105	20	
	●	●	10	25	10	100	105	20	
200	-	●	10	30	15	140	139	20	



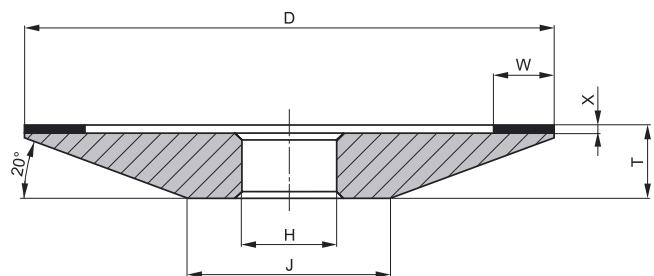
FEPKA
12A2-20°

		KÖTŐANYAG											
		GYANTA KÖTÉS			FÉM KÖTÉS								
D	W	X			X			T-X	E	J	K		
[mm]	[mm]	2	3	4	1,5	2	3	[mm]	[mm]	[mm]	[mm]		[mm]
50	2	●	●	●	●	●	●	8	6	15	24		10
	3	●	●	●	-	-	-	8	6	15	22		10
	4	●	●	●	-	-	-	8	6	15	20		10
75	2	●	●	●	●	●	●	8	6	39	52		13
	3	●	●	●	-	-	-	8	6	39	50		13
	4	●	●	●	-	-	-	8	6	39	48		13
	6	●	●	●	-	-	-	8	6	39	44		13
	10	●	●	●	●	●	●	8	6	39	36		13
100	3	●	●	●	-	-	-	10	6	53	60		20
	6	●	●	●	-	-	-	10	6	53	54		20
	10	●	●	●	●	●	●	10	6	53	46		20
125	3	●	●	●	-	-	-	14	8	57	66		20
	4	●	●	●	-	-	-	14	8	57	64		20
	6	●	●	●	-	●	-	14	8	57	60		20
	10	●	●	●	●	●	●	14	8	57	52		20
	15	●	●	●	●	●	●	14	8	57	42		20
150	3	●	●	●	-	-	-	16	9	70	80		20
	4	●	●	●	-	-	-	16	9	70	78		20
	6	●	●	●	-	●	-	16	9	70	74		20
	10	●	●	●	●	●	●	16	9	70	66		20
	15	●	●	●	●	●	●	16	9	70	56		20
175	3	●	●	●	-	-	-	18	10	85	96		32
	6	●	●	●	-	-	-	18	10	85	90		32
	10	●	●	●	●	●	●	18	10	85	82		32
	15	●	●	●	●	●	●	18	10	85	72		32
	20	●	●	●	●	●	●	18	10	85	62		32
200	3	●	●	●	-	-	-	20	11	100	106		32
	6	●	●	●	-	-	-	20	11	100	100		32
	10	●	●	●	●	●	●	20	11	100	92		32
	15	●	●	●	●	●	●	20	11	100	82		32
	20	●	●	●	●	●	●	20	11	100	72		32

FEPA
12A2-20°

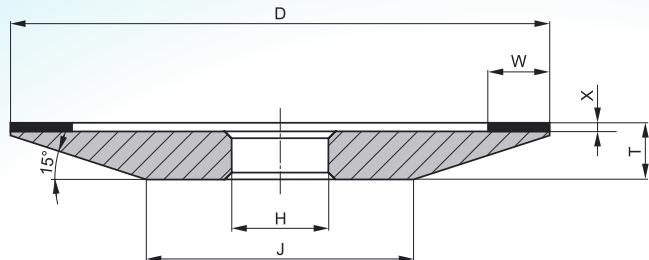


		KÖTŐANYAG											
		GYANTA KÖTÉS			FÉM KÖTÉS				T - X	E	J	K	H
D	W	X			X			[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
[mm]	[mm]	2	3	4	1,5	2	3						
250	6	●	●	●	-	-	-	23	13	132	148	76	
	8	●	●	●	-	-	-	23	13	132	144	76	
	10	●	●	●	●	●	●	23	13	132	140	76	
	12	○	○	○	-	-	-	23	13	132	136	76	
	15	○	○	○	○	○	○	23	13	132	130	76	
	20	○	○	○	○	○	○	23	13	132	120	76	
	25	-	-	-	○	○	○	23	13	132	110	76	



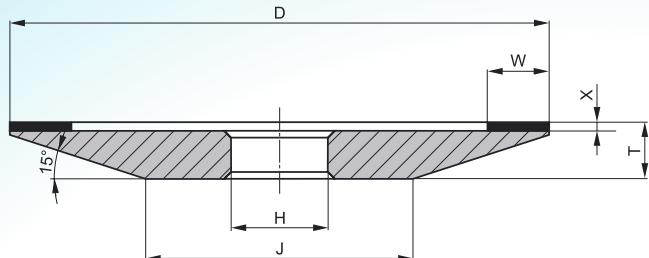
FEPA
4A2-20°

		KÖTŐANYAG				
		GYANTA KÖTÉS	FÉM KÖTÉS			
D	W	X	X	T - X	J	H
[mm]	[mm]	1	1	[mm]	[mm]	[mm]
100	2	●	-	10	50	20
	3	●	-	10	50	20
	6	●	-	10	50	20
	10	●	●	10	50	20
125	2	●	-	13	58	20
	3	●	-	13	58	20
	4	●	-	13	58	20
	6	●	-	13	58	20
	10	●	●	13	58	20
	15	●	●	13	58	20
150	2	●	-	15	72	20
	3	●	-	15	72	20
	4	●	-	15	72	20
	6	●	-	15	72	20
	10	●	●	15	72	20
	15	●	●	15	72	20



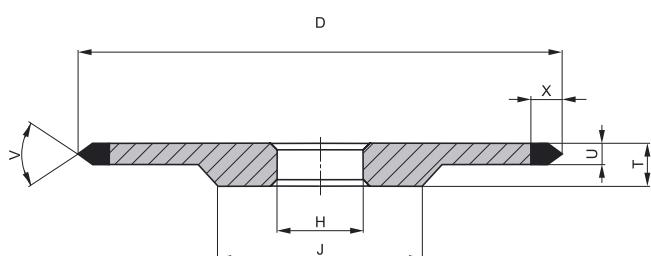
**FEPA
4A2**

		KÖTŐANYAG									
		GYANTA KÖTÉS			FÉM KÖTÉS						
D	W	X			X			T - X	J	H	
[mm]	[mm]	2	3	4	1,5	2	3	[mm]	[mm]	[mm]	
50	2	●	●	-	●	●	●	4	24	10	
	3	●	●	●	-	-	-	4	24	10	
	4	●	●	●	-	-	-	4	24	10	
75	2	●	●	-	-	-	-	6	34	13	
	3	●	●	●	-	-	-	6	34	13	
	4	●	●	●	-	-	-	6	34	13	
	6	●	●	●	-	-	-	6	34	13	
	10	●	●	●	●	●	●	6	34	13	
100	2	●	●	-	-	-	-	6	59	20	
	3	●	●	-	-	-	-	6	59	20	
	4	●	●	●	-	-	-	6	59	20	
	6	●	●	●	-	-	-	6	59	20	
	10	●	●	●	●	●	●	6	59	20	
125	2	●	●	-	-	-	-	7	77	20	
	3	●	●	●	-	-	-	7	77	20	
	4	●	●	●	-	-	-	7	77	20	
	6	●	●	●	-	-	-	7	77	20	
	10	●	●	●	●	●	●	7	77	20	
	15	●	●	●	●	●	●	7	77	20	
150	2	●	●	●	-	-	-	9	87	20	
	3	●	●	●	-	-	-	9	87	20	
	4	●	●	●	-	-	-	9	87	20	
	6	●	●	●	-	-	-	9	87	20	
	10	●	●	●	●	●	●	9	87	20	
	15	●	●	●	●	●	●	9	87	20	
	20	-	-	-	●	●	●	9	87	20	
	25	●	-	-	●	●	●	9	87	20	
175	2	●	●	●	-	-	-	10	107	32	
	3	●	●	●	-	-	-	10	107	32	
	6	●	●	●	-	-	-	10	107	32	
	10	●	●	●	●	●	●	10	107	32	



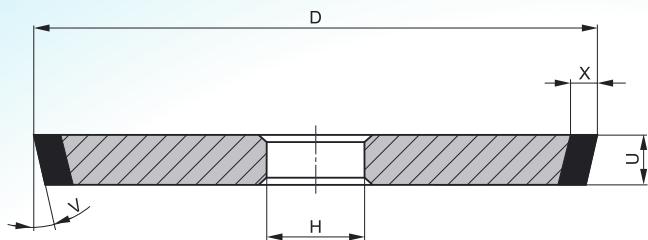
**FEPKA
4A2**

		KÖTŐANYAG								
		GYANTA KÖTÉS			FÉM KÖTÉS					
D	W	X			X			T-X	J	H
[mm]	[mm]	2	3	4	1,5	2	3	[mm]	[mm]	[mm]
175	15	●	●	●	●	●	●	10	104	32
	20	●	●	●	●	●	●	10	104	32
	25	-	-	-	●	●	●	10	104	32
200	3	●	●	●	-	-	-	12	114	32
	6	●	●	●	-	-	-	12	114	32
	10	●	●	●	●	●	●	12	114	32
	15	●	●	●	●	●	●	12	114	32
	20	●	●	●	●	●	●	12	114	32
	25	-	-	-	●	●	●	12	114	32
250	6	●	●	●	-	-	-	14	149	76
	8	●	●	●	-	-	-	14	149	76
	10	●	●	●	●	●	●	14	149	76
	12	●	●	●	-	-	-	14	149	76
	15	●	●	●	●	●	●	14	149	76
	20	●	●	●	●	●	●	14	149	76
	25	-	-	-	●	●	●	14	149	76



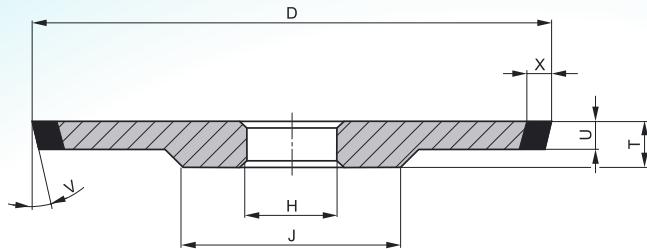
**FEPKA
3E1**

		KÖTŐANYAG								
		GYANTA KÖTÉS			FÉM KÖTÉS					
D	U	V/X			V/X			T	J	H
[mm]	[mm]	30°/7	60°/5	90°/5	30°/7	60°/5	90°/5	[mm]	[mm]	[mm]
75	3	●	●	●	●	-	-	6,5	31	20
100	3	●	●	●	-	-	-	6,5	56	20
125	3	●	●	●	●	●	●	6,5	83	32
150	3	●	●	●	●	●	●	6,5	108	32



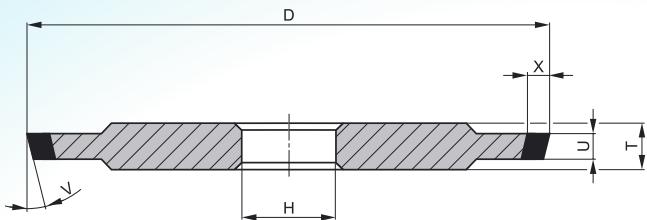
FEP 1V1

		KÖTŐANYAG		H
		GYANTA KÖTÉS		
D	U	X	V	
	[mm]	[mm]	[°]	[mm]
75	6	6	45	20
	8	6	25, 45	20
	10	4	10, 30	20
	10	2	15	20
100	5	6	60	20
	10	6	20, 30, 45	20
	12	6	15, 20, 30	20
	15	4	30, 45	20
	15	6	15, 20, 30, 45	20
	20	3	20, 30, 45	20
125	6	6	20, 30, 45	32
	10	6	15, 20, 30, 45	20
	12	6	15, 20, 45, 55	20
	15	6	45	20
	20	6	20, 45	20
150	6	6	60	32
	8	3	20, 35	20
	10	6	15, 45	32
	20	6	45	20
200	5	5	45	32
	20	5	45, 60	32
250	12	3	30, 45	76
	17	4	30	76



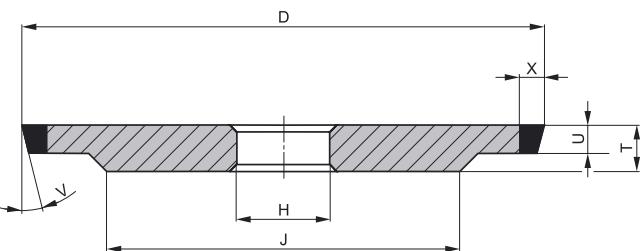
**FEPA
3V1**

		KÖTŐANYAG				
		GYANTA KÖTÉS				
D	U	X	V	T	J	H
[mm]	[mm]	[mm]	[°]	[mm]	[mm]	[mm]
50	4,0	6	15	5,5	22	10
	4,0	6	25	5,5	22	10
75	4,0	6	15	5,5	22	13
	4,0	6	25	5,5	22	13
	2,5	4	15	5,0	50	20
	3,5	4	15	6,0	50	20
	5,0	4	15	7,0	50	20
	7,0	4	15	9,0	50	20
	2,5	4	20	5,0	50	20
	3,5	4	20	6,0	50	20
	5,0	4	20	7,0	50	20
100	5,0	6	15	6,5	45	20
	5,0	6	25	6,5	48	20
	6,0	7	10	12	60	20
125	6,0	6	15	7,5	60	20
	6,0	6	25	7,5	60	20
	3,5	3	45	6,0	90	26



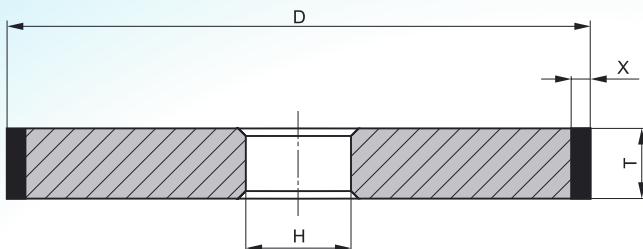
**FEPA
14V1**

		KÖTŐANYAG			
		FÉM KÖTÉS			
D	U	X	V	T	H
[mm]	[mm]	[mm]	[°]	[mm]	[mm]
75	4	4	30	7	20
	6	6	45	7	32
100	5	4	45	7	20
	6	6	45	8	20
125	6	6	10	9	32
	10	6	10	3	32
	10	6	15	13	32
150	4	4	45	7	20



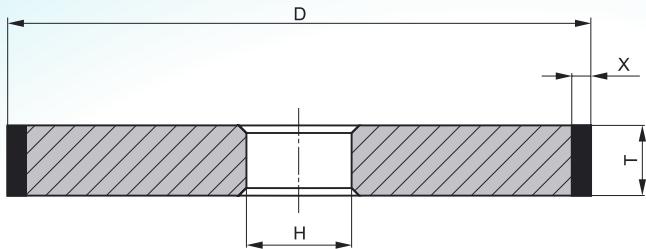
**FEPA
3B1**

		KÖTŐANYAG				
		GYANTA KÖTÉS				
D	U	X	V	T	J	H
[mm]	[mm]	[mm]	[°]	[mm]	[mm]	[mm]
75	1,5	4	10	4	55	20
	1,5	4	15	4	55	20
	2	4	10	4	56	20
	3	4	10	5,5	55	20
	4	4	5	6	56	20
	4	4	10	6	56	20
	5	4	5	7	56	20
	5	4	10	7	56	20



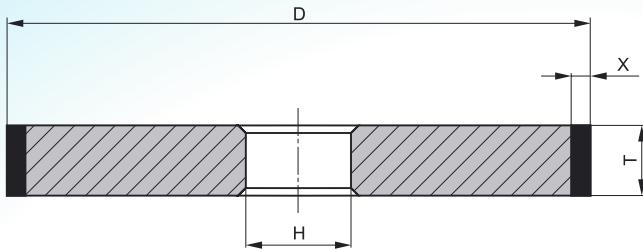
**FEPKA
1A1**

		KÖTŐANYAG										
		GYANTA KÖTÉS					FÉM KÖTÉS					
D	T	X = 2	X = 3	X = 4	X = 5	X = 6	X = 2	X = 3	X = 4	X = 10	H	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
15	6	●	-	-	-	-	●	-	-	-	6	
	8	●	-	-	-	-	●	-	-	-	6	
20	6	●	-	-	-	-	●	-	-	-	6	
	8	●	-	-	-	-	●	-	-	-	6	
25	6	●	-	-	-	-	●	-	-	-	8	
	8	●	-	-	-	-	●	-	-	-	8	
30	8	●	-	-	-	-	●	-	-	-	10	
	10	●	-	-	-	-	●	-	-	-	10	
35	8	●	-	-	-	-	●	-	-	-	10	
	10	●	-	-	-	-	●	-	-	-	10	
40	8	●	-	-	-	-	●	-	-	-	10	
	10	●	-	-	-	-	●	-	-	-	10	
50	3	●	-	●	-	●	●	●	●	-	10	
	4	-	-	●	-	●	●	-	-	-	10	
	5	-	-	-	-	●	●	-	-	-	10	
	8	●	-	-	-	-	●	-	-	-	10	
	10	●	-	●	-	-	●	-	-	-	10	
	12	●	-	-	-	●	●	-	-	-	10	
60	8	●	-	-	-	●	●	-	-	-	13	
	10	●	-	-	-	-	●	-	-	-	13	
	12	●	-	-	-	-	●	-	-	-	13	
75	6	●	-	-	-	●	-	-	-	●	20	
	8	●	-	●	-	●	-	-	-	-	20	
	10	●	-	●	-	●	●	-	-	-	20	
	12	●	-	●	-	-	-	-	-	-	20	
	15	●	-	●	-	-	-	-	-	-	20	
	20	●	-	●	-	●	-	-	-	-	20	
100	6	●	●	●	-	●	-	-	-	●	20	
	8	●	●	●	-	●	-	-	●	●	20	
	10	●	●	●	-	●	●	-	-	●	20	
	12	●	●	●	-	●	-	-	●	●	20	



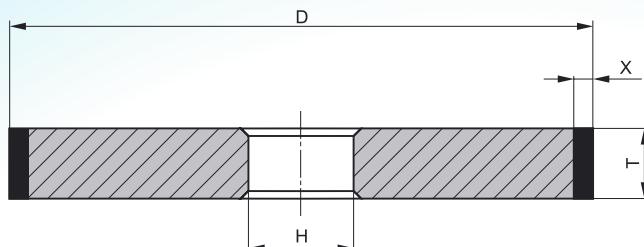
**FEPA
1A1**

		KÖTŐANYAG										
		GYANTA KÖTÉS					FÉM KÖTÉS					
D	T	X = 2	X = 3	X = 4	X = 5	X = 6	X = 2	X = 3	X = 4	X = 10	H	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
	15	●	●	●	-	●	-	-	-	●	20	
	20	●	●	●	-	●	-	-	-	●	20	
125	6	●	●	●	-	●	●	-	-	-	20	
	8	●	●	●	-	●	●	-	●	-	20	
	10	●	●	●	-	●	●	-	-	-	20	
	12	●	●	●	-	●	●	-	-	-	20	
	15	●	●	●	-	●	-	-	-	-	20	
	16	●	●	●	-	●	-	-	-	-	20	
	20	●	●	●	-	●	-	-	-	-	20	
	6	●	●	●	-	●	●	-	-	●	20	
	8	●	●	●	-	●	●	-	-	-	20	
	10	●	●	●	-	●	-	-	-	-	20	
	12	●	●	●	-	●	-	-	-	-	20	
	15	●	●	●	-	●	-	-	-	-	20	
	20	●	●	●	-	●	●	-	-	-	20	
	25	●	●	●	-	●	-	-	-	-	20	
175	8	●	●	●	-	●	●	-	-	-	32	
	10	●	●	●	-	●	●	-	-	-	32	
	12	●	●	●	-	●	●	-	●	-	32	
	15	●	●	●	-	●	●	-	-	-	32	
	20	●	●	●	-	●	●	-	-	-	32	
200	5	-	-	-	-	●	-	-	-	●	32	
	6	-	●	-	-	-	-	-	-	●	32	
	7	-	-	-	-	●	-	-	-	●	32	
	10	-	●	-	●	●	-	●	-	-	32	
	12	-	●	-	-	-	-	●	-	-	32	
	13	-	-	-	-	●	-	●	-	-	32	
	15	-	●	-	●	-	-	●	-	-	32	
	20	-	●	-	●	●	-	●	-	-	32	
250	10	-	●	-	●	-	-	●	-	●	76	
	12	-	●	-	●	-	-	●	-	●	76	



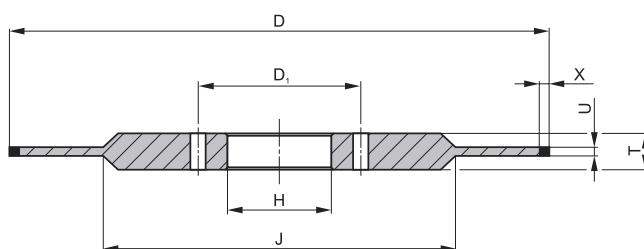
**FEPKA
1A1**

		KÖTŐANYAG										
		GYANTA KÖTÉS					FÉM KÖTÉS					
D	T	X = 2	X = 3	X = 4	X = 5	X = 6	X = 2	X = 3	X = 4	X = 10	H	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
300	15	-	●	-	●	-	-	●	-	●	76	
	20	-	●	-	●	-	-	●	-	●	76	
	25	-	●	-	●	-	-	●	-	●	76	
	30	-	-	-	●	-	-	●	-	-	76	
	40	-	-	-	●	-	-	●	-	-	76	
	60	-	-	-	-	-	-	●	-	-	76	
	80	-	-	-	-	-	-	●	-	-	76	
350	12	-	●	-	●	-	-	●	-	-	127	
	15	-	●	-	●	-	-	●	-	-	127	
	20	-	●	-	●	-	-	●	-	-	127	
	25	-	●	-	●	-	-	-	-	-	127	
	30	-	-	-	●	-	-	-	-	-	127	
	40	-	-	●	-	-	-	-	-	-	127	
	80	-	-	-	-	-	-	●	-	-	127	
	100	-	-	-	-	-	-	●	-	-	127	
	10	-	-	●	●	-	-	-	●	-	○	
	12	-	-	●	●	-	-	-	●	-	○	
400	15	-	-	●	●	-	-	-	●	-	○	
	20	-	-	●	●	-	-	-	●	-	○	
	25	-	-	-	●	-	-	-	-	-	○	
	30	-	-	-	●	-	-	-	-	-	○	



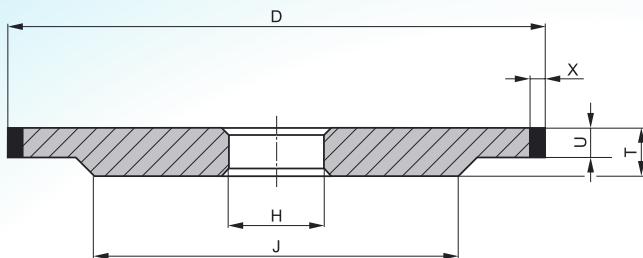
**FEPA
1A1**

		KÖTŐANYAG											
		GYANTA KÖTÉS					FÉM KÖTÉS						
D	T	X = 2	X = 3	X = 4	X = 5	X = 6	X = 2	X = 3	X = 4	X = 10	H		
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		
400	37	-	-	-	●	-	-	-	-	-	○		
	40	-	-	-	●	-	-	-	-	-	○		
500	20	-	-	-	●	-	-	-	-	-	○		



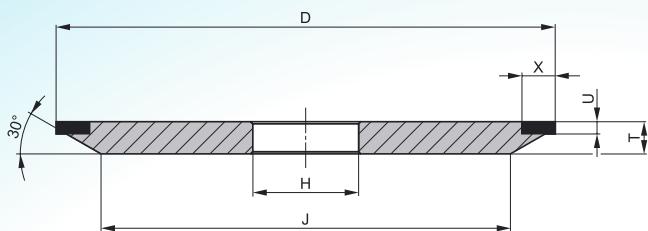
**FEPA
14A1**

KÖTŐANYAG						
GYANTA KÖTÉS						
D	D ₁	U	T	X	J	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
300	91	2,8	20	5	240	59
300	91	4,0	20	5	240	59
300	91	4,5	20	5	240	59
300	91	5,5	20	5	240	59
300	91	6,5	20	5	240	59
300	91	7,5	20	5	240	59
300	91	8,5	20	5	240	59
300	91	9,2	20	5	240	59
300	91	9,4	20	5	240	59
300	91	10,0	20	5	240	59
300	91	11,6	20	5	240	59
300	91	13,2	20	5	240	59
300	91	16,0	20	5	240	59



FEPKA
3A1

		KÖTŐANYAG				
		GYANTA KÖTÉS	FÉM KÖTÉS			
D	U	X	X	T	J	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
75	1,5	4	-	4,0	30	20
	1,8	4	-	4,0	55	20
	2,0	4	-	4,0	55	20
	2,2	4	-	4,5	55	20
	2,5	4	-	4,5	55	20
	2,8	4	-	5,0	55	20
	3,0	4	-	5,5	55	20
	4,0	4	-	6,0	55	20
	5,0	4	-	7,0	55	20
	4,0	2	2	6,5	50	13
	6,0	2	2	8,5	50	13
	8,0	2	2	10,5	50	13
100	4	2	2	6,5	70	20
	6	2	2	8,5	70	20
	8	2	2	10,5	70	20
125	4	2	2	6,5	77	20
	6	2	2	8,5	77	20
	8	2	2	10,5	77	20
150	6	2	2	8,5	95	20
	8	2	2	10,5	95	20
175	6	2	2	8,5	120	32
	8	2	2	10,5	120	32
200	8	3	3	10,5	145	32
250	4	3	5	6,5	215	76
	6	3	5	8,5	215	76
	8	3	3	10,5	185	76
	8	5	5	10,5	185	76
300	8	3	-	11,0	244	127
	8	5	-	20,0	220	127
350	8	4	-	11,0	284	127

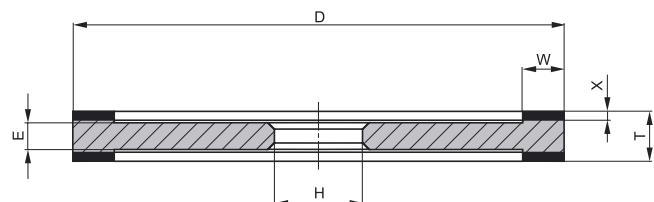


FEP A 4A9

KÖTŐANYAG

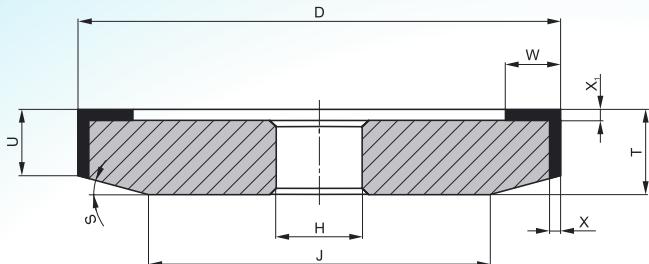
GYANTA KÖTÉS

D [mm]	U [mm]	T [mm]	J [mm]	H [mm]
100	3,0	10	73	20
100	5,0	10	73	32
100	1,5	10	60,5	10
125	3,0	10	96	20
125	5,0	10	102	32
150	2,5	10	121	32
150	3,0	10	123	32
150	4,0	10	119	32
175	6,0	12	150	50
200	4,0	12	168	50



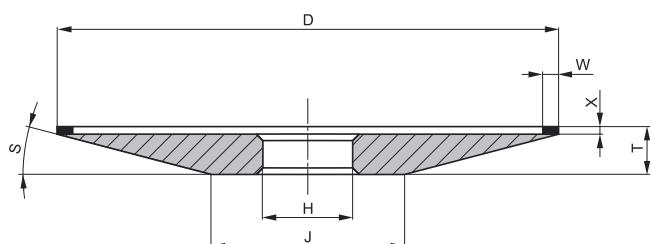
FEP A 9A3

		KÖTŐANYAG					
		GYANTA KÖTÉS					
D [mm]	U [mm]	X			T-2X [mm]	E [mm]	H [mm]
100	10	●	●	●	12	11	20
125	4	●	●	●	14	12	20
	10	●	●	●	12	11	20
150	3	●	●	●	12	11	20
	10	●	●	●	12	11	20
	15	●	●	●	12	11	20
175	3	●	●	●	12	11	32
	10	●	●	●	16	15	32
	20	●	●	●	16	15	32
200	3	●	●	●	12	11	32
	10	●	●	●	18	17	32
	20	●	●	●	18	17	32



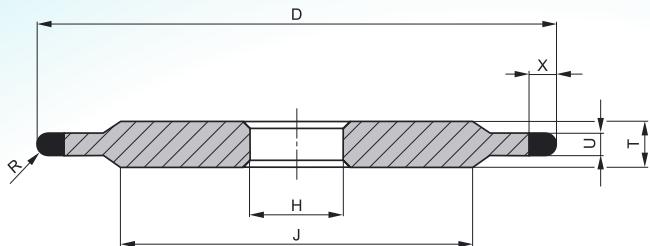
**FEPA
4C9**

			KÖTŐANYAG							
			GYANTA KÖTÉS		FÉM KÖTÉS					
D	W	U	X	X ₁	X	X ₁	T	J	S	H
[mm]	[mm]	[mm]					[mm]	[mm]	[°]	[mm]
75	10	10	2	2	2	2	15	46	20	13
100	10	10	2	2	2	2	15	60	15	20
125	10	10	2	2	2	2	15	65	10	20
150	10	10	2	2	2	2	18	56	10	20
150	15	10	2	2	-	-	18	56	10	20
150	15	15	2	2	-	-	15	-	-	51
150	15	20	2	2	-	-	20	-	-	20
200	15	10	2	2	-	-	18	106	10	32



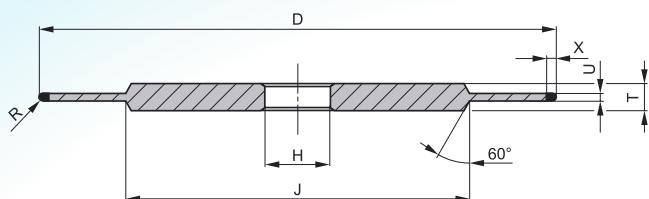
SP 01

KÖTŐANYAG						
GYANTAKÖTÉS						
D	W	X	T	S	J	H
[mm]	[mm]	[mm]	[mm]	[°]	[mm]	[mm]
100	3	2	10	15	51,5	20
125	4	1	14	25	73	20
150	3	1	14	13	50	20



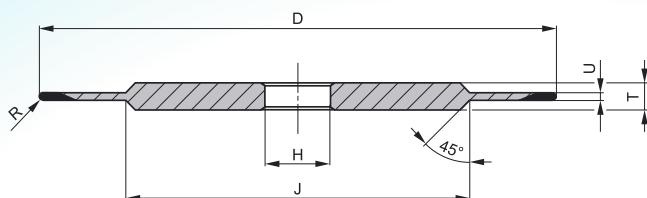
**FEPA
14F1**

		KÖTŐANYAG			GYANTA KÖTÉS				
D	R	X			U	T	J	H	I
[mm]	[mm]	2	3	6	[mm]	[mm]	[mm]	[mm]	[mm]
75	1,0	●	●	-	2	6	50	13	
	1,5	●	●	●	3	6	50	13	
	2,0	-	●	●	4	6	50	13	
	2,5	-	●	●	5	8	50	13	
	3,0	-	-	●	6	8	50	13	
100	1,0	●	●	-	2	8	70	20	
	1,5	●	●	●	3	8	70	20	
	2,0	-	●	●	4	8	70	20	
	2,5	-	●	●	5	8	70	20	
	3,0	-	-	●	6	8	70	20	
125	1,0	●	-	-	2	8	100	20	
	1,5	●	●	●	3	8	100	20	
	2,0	-	●	●	4	8	100	20	
	2,5	-	●	●	5	8	100	20	
	3,0	-	-	●	6	8	100	20	
150	1,0	●	-	-	2	10	120	20	
	1,5	●	●	●	3	10	120	20	
	2,0	-	●	●	4	10	120	20	
	2,5	-	●	●	5	10	120	20	
	3,0	-	-	●	6	10	120	20	
175	3,0	-	-	●	6	10	120	20	
200	3,0	-	-	●	6	10	120	20	
	4,0	-	-	●	6	10	120	20	
	5,0	-	-	●	6	10	120	20	



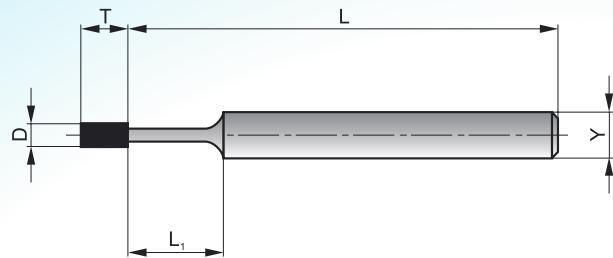
FEP14F1

GYANTA KÖTÉS								
D	U	R	X			T	J	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
75	1,2	0,60	2	3	-	6	50	13
75	1,5	0,75	2	3	-	6	50	13
75	2,0	1,00	2	3	-	6	50	13
75	2,5	1,25	2	3	4	6	50	13
75	3,0	1,50	-	3	4	6	50	13
75	4,0	2,00	-	3	4	6	50	13
100	1,2	0,60	2	3	-	8	66	20
100	1,5	0,75	2	3	-	8	66	20
100	2,0	1,00	2	3	-	8	66	20
100	2,5	1,25	2	3	4	8	66	20
100	3,0	1,50	-	3	4	8	66	20
100	4,0	2,00	-	3	4	8	66	20
125	1,2	0,60	2	3	-	8	91	20
125	1,5	0,75	2	3	-	8	91	20
125	2,0	1,00	2	3	-	8	91	20
125	2,5	1,25	2	3	4	8	91	20
125	3,0	1,50	-	3	4	8	91	20
125	4,0	2,00	-	3	4	8	91	20



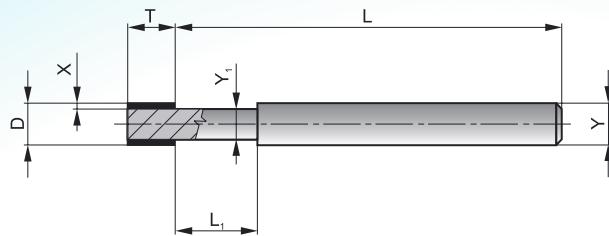
**FEPA
14V1**

KÖTŐANYAG					
GYANTA KÖTÉS					
D [mm]	U [mm]	R [mm]	J [mm]	T [mm]	H [mm]
125	1,2	0,60	75	8	20
125	1,5	0,75	75	8	20
125	2,0	1,00	75	8	20
125	2,5	1,25	75	8	20
125	3,0	1,50	75	8	20
125	3,5	1,75	75	8	20
125	4,0	2,00	75	8	20
150	1,2	0,60	100	8	20
150	1,5	0,75	100	8	20
150	2,0	1,00	100	8	20
150	2,5	1,25	100	8	20
150	3,0	1,50	100	8	20
150	3,5	1,75	100	8	20
150	4,0	2,00	100	8	20
175	1,2	0,60	125	10	32
175	1,5	0,75	125	10	32
175	2,0	1,00	125	10	32
175	2,5	1,25	125	10	32
175	3,0	1,50	125	10	32
175	3,5	1,75	125	10	32
175	4,0	2,00	125	10	32
200	1,2	0,60	150	10	32
200	1,5	0,75	150	10	32
200	2,0	1,00	150	10	32
200	2,5	1,25	150	10	32
200	3,0	1,50	150	10	32
200	3,5	1,75	150	10	32
200	4,0	2,00	150	10	32



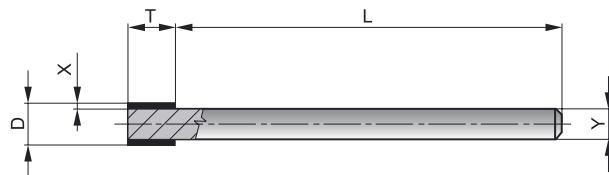
FEP A-8W

KÖTŐANYAG				
GALVÁN				
D [mm]	T [mm]	L₁ [mm]	Y [mm]	L [mm]
0,5	3	5	3	50
0,6	3	5	3	50
0,7	4	6	3	50
0,8	4	6	3	50
0,9	4	6	3	50
1,0	4	6	3	50
1,2	4	8	3	50
1,4	4	8	3	50
1,6	4	8	3	50
1,8	4	8	3	50
2,0	5	10	3	50
2,5	5	10	3	50
3,0	6	12	3	50
4,0	6	15	4	○
5,0	6	15	5	○
6,0	8	20	6	○
8,0	8	20	8	○
10,0	8	25	10	○
12,0	10	25	12	○



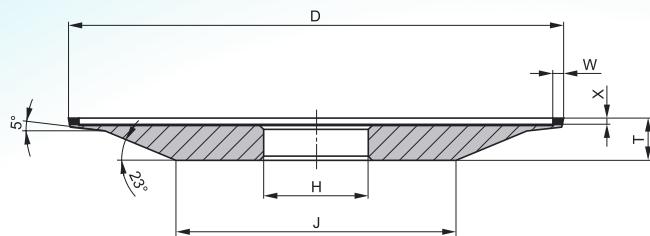
**FEPA
1A8W**

D	KÖTŐANYAG									
	GYANTA KÖTÉS		FÉM KÖTÉS		Y		L	L ₁	Y ₁	
[mm]	X	X	X	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
2,0	5	0,4	5	0,40	2	2,0	45	7	7	1,2
2,5	-	-	5	0,45	-	2,5	45	-	13	-
3,0	5	0,5	5	0,50	2	3,0	45	-	7	-
3,5	-	-	5	0,65	-	3,5	45	-	13	-
										2,2



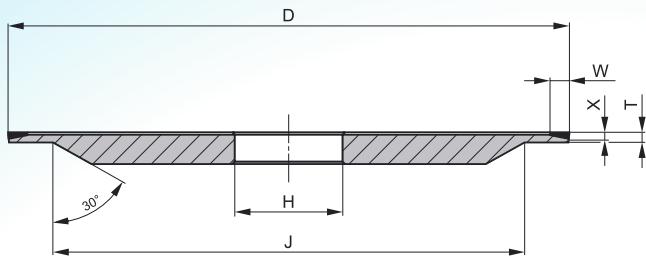
**FEPA
1A1W**

D	KÖTŐANYAG						
	GYANTA KÖTÉS		FÉM KÖTÉS			Y	L
T	X	T	X		[mm]	[mm]	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
4	6	0,5	6	0,5	3		44
5	6	1,0	6	1,0	3		44
6	8	1,0	8	1,0	4		62
7	8	1,0	-	-	5		62
8	8	1,0	8	1,5	5		62
10	8	2,0	8	1,5	6		62
12	10	2,0	10	1,5	8		60



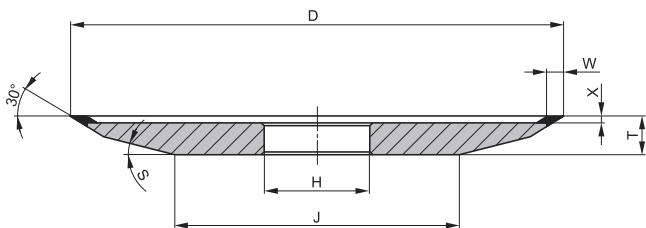
**FEPA
4A2**

GYANTA KÖTÉS					
D [mm]	W [mm]	T pro / for / für X = 1 [mm]	T pro / for / für X = 2 [mm]	J [mm]	H [mm]
100	2	10	11	44	20
100	3	10	11	44	20
100	4	10	11	44	20
100	6	10	11	44	20
100	10	10	11	44	20
125	2	12	13	60	20
125	3	12	13	60	20
125	4	12	13	60	20
125	6	12	13	60	20
125	10	12	13	60	20
150	2	12	13	85	32
150	3	12	13	85	32
150	4	12	13	85	32
150	6	12	13	85	32
150	10	12	13	85	32
175	2	12	13	110	32
175	3	12	13	110	32
175	4	12	13	110	32
175	6	12	13	110	32
175	10	12	13	110	32



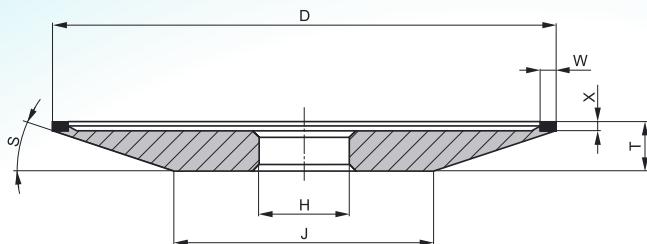
SP 02

KÖTŐANYAG					
GYANTA KÖTÉS					
D	W	X	T	J	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
100	3	1	1,7	84	20
125	3	1	1,7	109	20
150	3	1	1,7	134	32



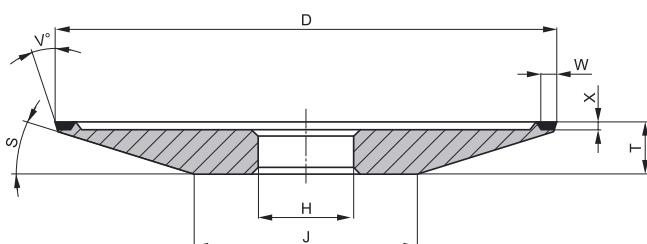
**FEPA
12V2**

KÖTŐANYAG						
GYANTA KÖTÉS						
D	W	X	J	T	S	H
[mm]	[mm]	[mm]	[mm]	[mm]	[°]	[mm]
100	4	2	54	10	15	32
125	4	2	61	12	15	32
150	4	2	86	12	15	32
160	4	2	60	12	9	32
175	4	2	111	12	15	32
200	4	2	129	13	15	32



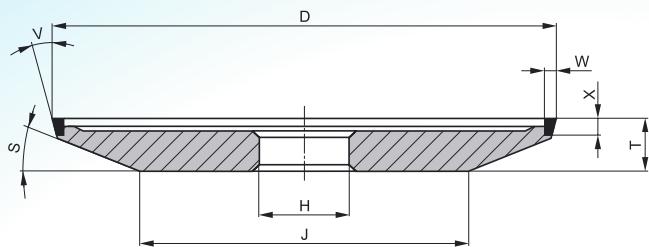
**FEPA
4A2**

KÖTŐANYAG						
GYANTA KÖTÉS						
D	W	X	T	S	J	H
[mm]	[mm]	[mm]	[mm]	[°]	[mm]	[mm]
100	3	3	10	25	70	25
125	3	2	11	15	60	32
125	3	3	11	13	61	25



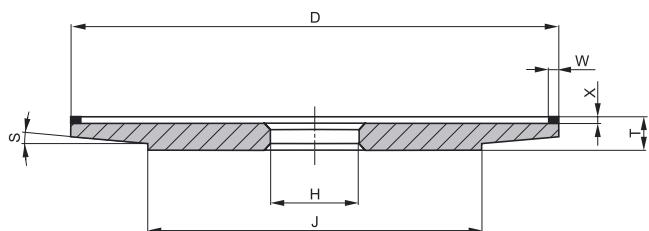
**FEPA
12B9**

KÖTŐANYAG							
GYANTA KÖTÉS							
D	W	X	T	S	V	J	H
[mm]	[mm]	[mm]	[mm]	[°]	[°]	[mm]	[mm]
100	3	1	8.5	20	15	60	25
125	3	2	11	15	10	55	20
150	3	2	11	15	10	80	20



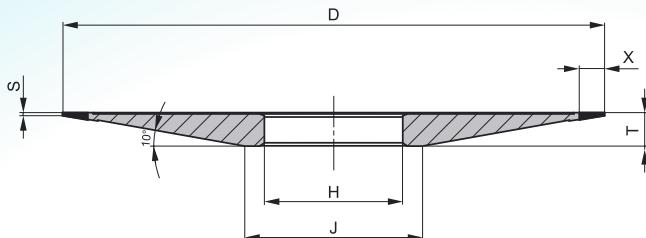
**FEPKA
4B2**

KÖTŐANYAG							
GYANTA KÖTÉS							
D	W	X	T	S	V	J	H
[mm]	[mm]	[mm]	[mm]	[°]	[°]	[mm]	[mm]
100	2	2	9,5	20	15	59	25
125	2	3	10,0	25	15	97	25
125	3	4	13,7	15	15	66	32



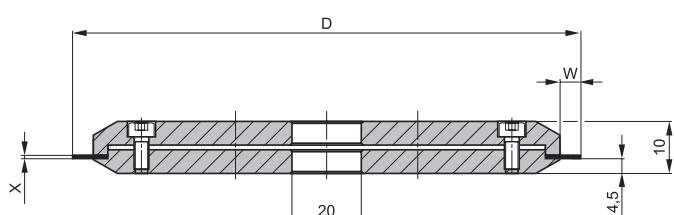
**FEPKA
6A2**

KÖTŐANYAG							
GYANTA KÖTÉS							
D	W	X	T	S	J	H	
[mm]	[mm]	[mm]	[mm]	[°]	[mm]	[mm]	
175	3	3	10	3	125	50.8	



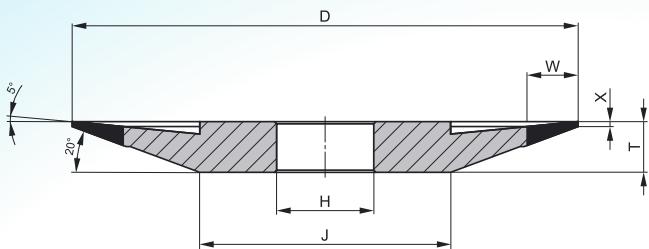
**FEPA
4ET9**

KÖTŐANYAG					
GYANTA KÖTÉS					
D	J	T	X	S	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
75	27	5	4	1	20
75	27	5	6	1	20
100	42	6	4	1	20
100	42	6	6	1	20
125	45	8	4	1	20
125	45	8	6	1	20
150	47	10	4	1	20
150	47	10	6	1	20



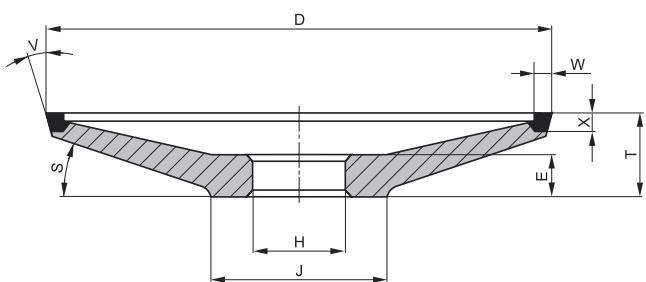
**FEPA
14A6**

KÖTŐANYAG		
GYANTA KÖTÉS		
D	W	X
[mm]	[mm]	[mm]
75	6	
	10	
100	6	
	10	
125	6	
	10	
150	6	0,4; 0,6; 0,8; 1,0; 1,2; 1,5; 2,0; 2,5
	10	
175	6	
	10	
200	6	
	10	



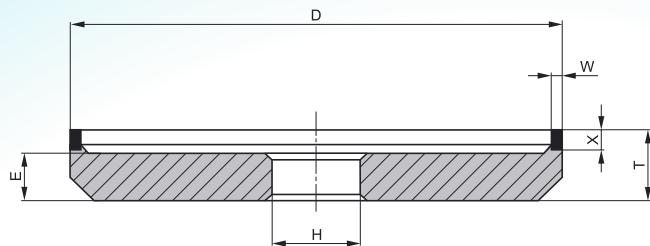
FEP 4BT9

KÖTŐANYAG					
GYANTA KÖTÉS					
D	J	T	X	W	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
60	22	8	1	6	10
75	37	8	1	6	13
100	50	10	1	10	20
125	65	10	1	10	20



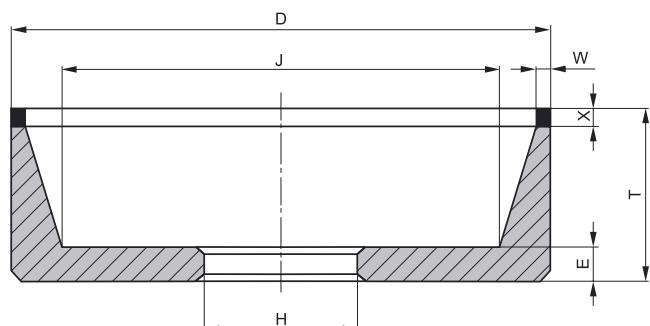
SP 03

KÖTŐANYAG								
GYANTA KÖTÉS								
D	W	X	T	E	S	V	J	H
[mm]	[mm]	[mm]	[mm]	[mm]	[°]	[°]	[mm]	[mm]
125	3	3	26	11	25	15	42	25



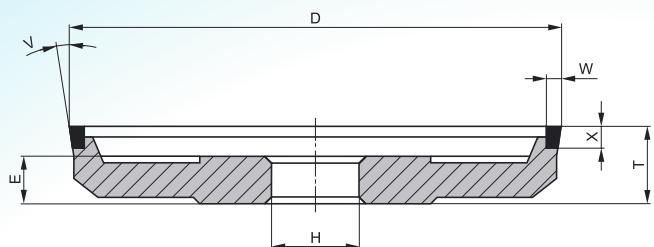
**FEPA
6A2**

KÖTŐANYAG					
GYANTA KÖTÉS					
D	W	X	T	E	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
125	3	6,5	18	10	32



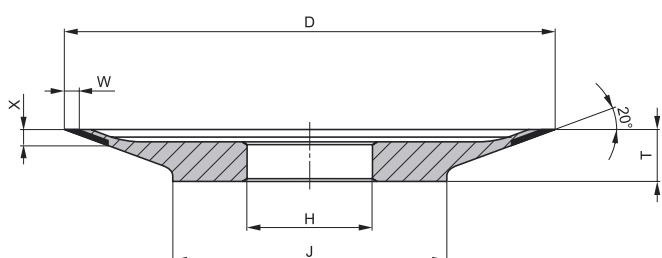
**FEPA
6A2**

KÖTŐANYAG							
GYANTA KÖTÉS							
D	W	X	T	S	E	J	H
[mm]	[mm]	[mm]	[mm]	[°]	[mm]	[mm]	[mm]
150	4	4	40	13	10	150	32



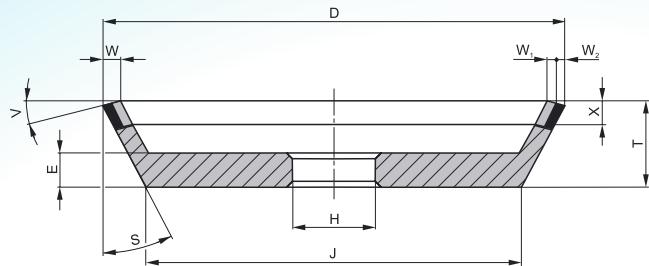
SP 04

KÖTŐANYAG							
GYANTA KÖTÉS							
D	W	X	T	E	S	V	H
[mm]	[mm]	[mm]	[mm]	[mm]	[°]	[°]	[mm]
125	3	6,5	18	11	11	5	32



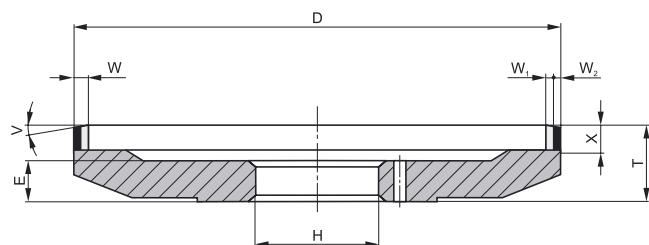
MASTER

KÖTŐANYAG						
GYANTA KÖTÉS						
D	W	X	T	H		J
[mm]	[mm]	[mm]	[mm]	[mm]		[mm]
125	2,3	4	13	25	32	70
125	3,5	4	13	25	32	70
150	2,3	4	13	32		87
150	3,5	4	13	32		87
200	2,3	4	13	32		137
200	3,5	4	13	32		137



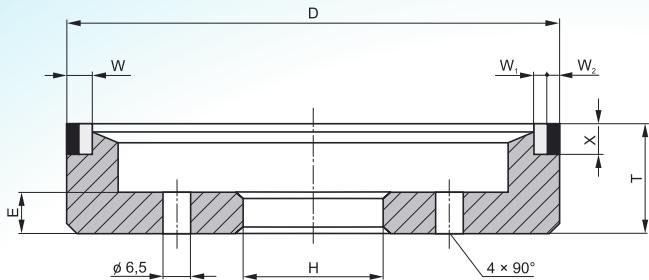
FEPA
11VV5

KÖTŐANYAG										
GYANTA KÖTÉS										
D	W	W ₁	W ₂	X	T	E	S	V	J	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	[°]	[mm]	[mm]
100	6	3	3	6,5	20,5	7	25	8	86	25
125	6	3	3	6,5	26,0	13	25	8	102	25



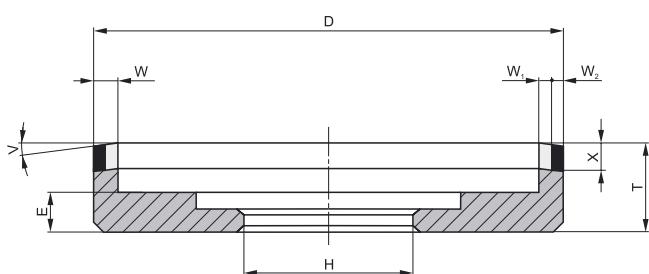
FEPA
6VV5

KÖTŐANYAG									
GYANTA KÖTÉS									
D	W	W ₁	W ₂	X	T	E	V	H	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	[mm]	
125	5	2,5	2,5	10	22	11	8	32	
125	5	2,5	2,5	6	18	11	8	32	



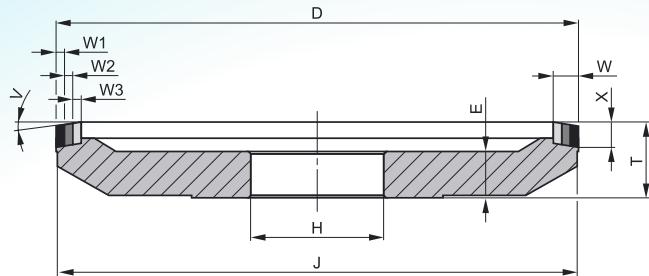
SP 05

KÖTŐANYAG							
GYANTA KÖTÉS							
D	W	W ₁	W ₂	X	T	E	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
100	5	2,5	2,5	6,5	25	10	40



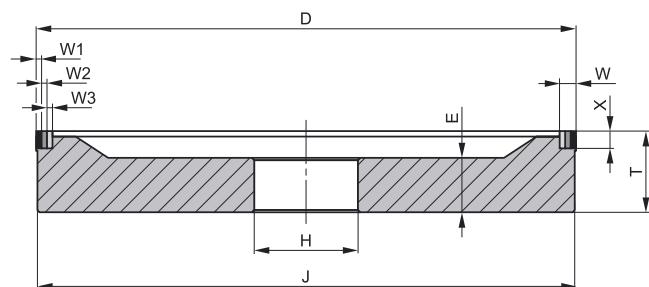
**FEPA
6VV5**

KÖTŐANYAG								
GYANTA KÖTÉS								
D	W	W ₁	W ₂	X	T	E	V	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	[mm]
125	5	2,5	2,5	6	21	10	8	50,8



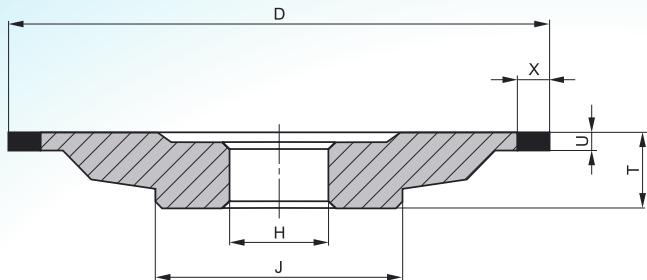
SP 06

GYANTA KÖTÉS										
D	W	W ₁	W ₂	W ₃	X	T	J	E	V	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	[mm]
125	6	2	2	2	6	18	100	11	8	32



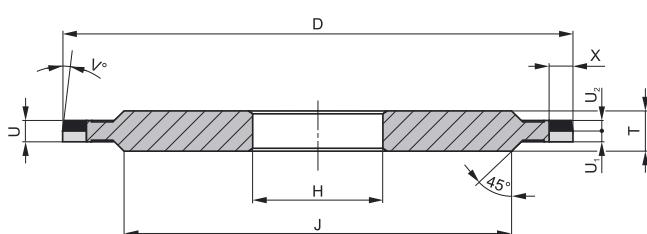
SP 07

GYANTA KÖTÉS										
D	W	W ₁	W ₂	W ₃	X	T	J	E	V	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	[mm]
200	6	2	2	2	6	30	199	20	8	32



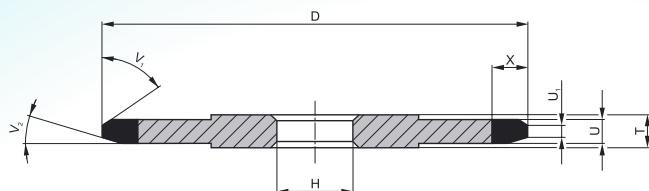
SP 08

KÖTŐANYAG					
GYANTA KÖTÉS					
D	U	X	T	J	H
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
100	4	6	14,4	47	20



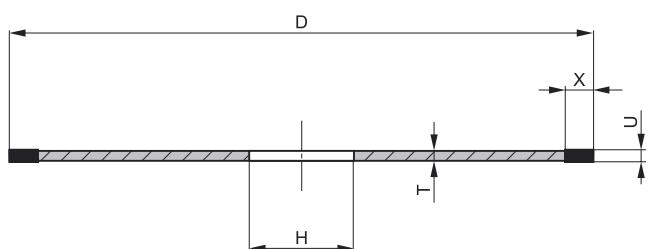
SP 09

KÖTŐANYAG									
GYANTA KÖTÉS									
D	U	U₁	U₂	X	T	V	J	H	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	[mm]	[mm]	
125	5	2,5	2,5	6	8,0	8	96	32	
150	5	2,5	2,5	6	9,0	8	116	32	
175	5	2,5	2,5	6	10,0	8	141	32	
200	5	2,5	2,5	6	10,0	8	166	32	



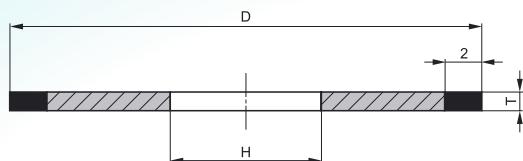
SP 10

KÖTŐANYAG							
GYANTA KÖTÉS							
D	U	U₁	X	T	V₁	V₂	H
[mm]	[mm]	[mm]	[mm]	[mm]	[°]	[°]	[mm]
75	4,5	0,9	6	7,5	45	22°30'	20
75	4,5	1,9	6	7,5	45	22°30'	20
75	5,0	2,8	6	8	45	22°30'	20
75	6,0	3,7	6	9	45	22°30'	20



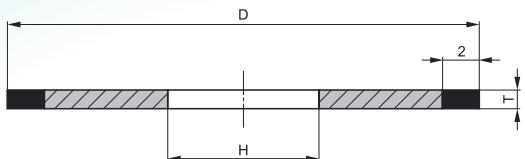
**FEPA
1A1R**

KÖTŐANYAG				
GYANTA KÖTÉS				
D	U	T	X	H
[mm]	[mm]	[mm]	[mm]	[mm]
100	1,2	0,7	8	20
125	1,2	0,7	8	20; 32
150	1,2	0,7	8	20; 32
200	1,4	0,9	8	32
250	1,6	1,1	8	32



**FEP
1A1R**

KÖTŐANYAG	
GYANTA KÖTÉS	
D [mm]	T [mm]
15	0,2
	0,3
	0,4
	0,5
	0,6
	0,2
20	0,3
	0,4
	0,5
	0,6
	0,2
	0,3
25	0,4
	0,5
	0,6
	0,2
	0,3
	0,4
30	0,5
	0,6
	0,2
	0,3
	0,4
	0,5
35	0,6
	0,2
	0,3
	0,4
	0,5
	0,6
40	0,2
	0,3
	0,4
	0,5
	0,6



**FEP A
1A1R**

KÖTŐANYAG	
GYANTA KÖTÉS	
D [mm]	T [mm]
50	0,2
	0,3
	0,4
	0,5
	0,6