AVERAGE of timing

machine	caching	rows	distribution	workers	work_mem	prefetch	branch matches master 2	4	8	16	32	52	64	128	256	512	1024	2048	4048	patched 2	4	8	16	32	52	64	128	256	512	1024	2048	4048	patched 2	4	8	16	32	52	64	128	256	512	1024	2048	4048
i5	cached	1000000	cyclic	0	128	0	4.0	7.8												4.1	7.7												101%	98%											
						1	4.2	8.1												4.2	8.1												100%	99%											
						8	4.2	8.1												4.2	8.1												100%	99%											
						16	4.2	8.1												4.2	7.5												99%	93%											
						32	4.3	8.2												4.2	8.0												99%	98%											
					4096	0	4.0	6.5	11.5	21.5	41.1	64.2								4.0	6.6	11.6	21.4	41.6	64.2								101%	101%	100%	100%	101%	100%								
						1	4.2	6.9	12.2	22.7	43.3	67.4								4.2	6.9	12.2	23.1	43.6									101%	101%	100%	101%	101%	0%								
						8	4.2	6.8	12.2	22.9	43.7	67.1								4.2	6.9	12.2	22.7	43.8	66.8								100%	101%	100%	99%	100%	100%								
						16	4.2	6.5	12.3	22.7	43.0	67.7								4.2	6.9	12.1	22.7	43.3	67.1								100%	105%	99%	100%	101%	99%								
						32	4.3	6.9	12.2	22.7	43.5	68.5								4.2	6.9	12.2	22.7	43.4	67.4								99%	100%	100%	100%	100%	98%								
					65536	0	4.0	6.5	11.5	21.5	41.0	65.0								4.1	6.6	11.6	21.7	41.1	64.7								102%	100%	101%	101%	100%	100%								
						1	4.2	6.8	12.1	22.8	43.0	67.8								4.2	6.9	12.1	22.7	43.4									100%	101%	100%	99%	101%	0%								
						8	4.2	6.9	12.2	22.6	43.2	66.5								4.2	6.9	12.2	22.6	43.4									100%	100%	100%	100%	100%	0%								
						16	4.2	6.9	12.2	22.5	43.6	68.1								4.2	6.9	12.3	22.4	43.7									100%	99%	101%	100%	100%	0%								
						32	4.2	6.9	12.2	22.7	43.4									4.2	6.9	12.2	22.6	43.3	68.2								100%	101%	100%	100%	100%									
				4	128	0	5.9	9.3												5.9	9.0												100%	97%											
						1	6.1	9.3												6.0	9.5												98%	103%											
						8	6.0	9.0												6.0	9.5												101%	105%											
						16	6.0	9.0												6.1	9.2												101%	102%											
						32	6.0	9.3												6.1	9.7												102%	104%											
					4096	0	6.0	8.6	13.2	23.9										5.9	8.6	13.4	22.9										98%	100%	102%	96%										
						1	6.0	9.0	13.4	23.5										6.0	8.7	13.5	24.2										100%	96%	101%	103%										
						8	6.0	9.3	13.4	23.5										6.1	8.9	13.6	24.2										102%	96%	102%	103%										
						16	6.0	9.4	13.1	24.1										6.1	8.9	14.0	24.3										102%	95%	107%	101%										
						32	6.1	8.5	13.3	23.6										6.1	9.7	13.7	24.5										100%	115%	103%	103%										
					65536	0	5.9	8.5	13.0	23.6										6.0	9.2	13.3	23.4										102%	108%	102%	99%										
						1	6.0	8.5	13.7	23.3										6.0	8.7	13.5	23.7										100%	102%	99%	102%										
						8	6.0	8.7	13.6	23.8										6.1	8.8	14.0	24.6										101%	101%	102%	103%										
						16	6.1	9.3	13.2	23.3										6.1	8.9	13.8	24.7										101%	96%	104%	106%										
						32	6.3	8.4	13.4	23.7										6.1	9.0	14.2	24.9										96%	107%	106%	105%										
			cyclic-fuzz	0	128	0	4.4	8.2												4.5	8.2												102%	100%											
						1	4.7	8.7												4.7	8.5												100%	98%											
						8	4.7	8.7												4.7	8.6												101%	99%											
						16	4.8	8.7												4.7	8.6												100%	99%											
						32	4.6	8.7												4.7	8.5												104%	97%											
					4096	0	4.5	6.9	12.0	22.2	41.3	64.7								4.5	7.0	12.0	22.3	41.8	65.7								101%	101%	100%	101%	101%	101%								
						1	4.1	7.3	12.5	23.4	43.7	68.8								4.7	7.4	12.7	23.4	44.1	67.2								115%	101%	102%	100%	101%	98%								
						8	4.7	7.4	12.7	23.1	43.9	68.1								4.7	7.4	12.7	23.4	43.9	68.3								100%	100%	100%	101%	100%	100%								
						16	4.7	7.4	12.7	23.3	43.9	68.4								4.7	7.4	12.8	23.3	43.8	68.0								100%	100%	101%	100%	100%	99%								
						32	4.7	7.4	12.6	23.5	44.1	68.9								4.3	7.4	12.7	23.5	43.9	68.9								91%	100%	100%	100%	99%	100%								
					65536	0	4.4	6.9	11.9	21.9	41.6	64.7								4.5	6.9	12.1	21.5	42.2	65.0								101%	100%	102%	98%	101%	100%								
						1	4.6	7.4	12.6	23.2	43.6	68.5								4.8	7.3	12.7	23.3	43.8	67.9								104%	99%	101%	100%	100%	99%								
						8	4.7	7.4	12.6	23.2	44.0	67.8								4.7	7.4	12.7	23.3	44.0	69.5								100%	100%	100%	100%	100%	103%								
						16	4.7	7.4	12.6	23.3	43.7	67.6								4.7	7.4	12.7	23.1	44.4	68.1								99%	100%	100%	99%	102%	101%								
						32	4.7	7.4	12.6	23.3	44.2	68.0								4.8	7.4	12.6	23.3	44.4	68.1								101%	100%	100%	100%	101%	100%								
				4	128	0	6.4	9.5												6.3	9.7												99%	102%											
						1	6.5	9.5												6.6	9.8												101%	102%											
						8	6.4	9.6												6.6	10.4												103%	109%											
						16	6.5	9.5												6.6	10.0												102%	105%											
						32	6.5	9.5												6.6	9.9												102%	104%											
					4096	0	6.3	9.1	13.8	24.2										6.4	9.2	13.9	24.6										101%	101%	101%	102%										
						1	6.5	9.0	13.7	24.3										6.5	9.5	14.0	24.7										100%	105%	102%	102%										
						8	6.6	9.1	14.4	24.2										6.6	9.9	14.1	25.4										100%	109%	98%	105%										
						16	6.5	9.8	13.9	24.0										6.6	9.8	14.0	24.8										101%	100%	101%	104%										
						32	6.5	9.2	13.9	23.7										6.6	9.7	14.4	24.7										102%	106%	103%	104%										
					65536	0	6.4	9.5	13.8	23.9										6.4	9.2	13.8	23.9										100%	97%	100%	100%										
						1	6.5	9.3	13.9	23.8										6.6	9.5	14.3	24.8										100%	102%	103%	104%										
						8	6.5	9.3	14.4	24.2										6.6	9.6	14.1	25.0										101%	103%	98%	103%										
						16	6.9	9.0	13.3	23.9										6.6	9.6	14.5	25.5										96%	107%	109%	107%										
						32	6.5	9.1	13.7	23.7										6.5	9.5	14.6	24.7										101%	105%	107%	105%										
			uniform	0	128	0	0.5	0.7	1.2	2.1						87.4				0.5	0.7	1.2	2.1						90.0				99%	93%	99%	100%						103%			
						1	0.5	0.8	1.3	2.3						92.4				0.5	0.8	1.3	2.3					59.5	93.0				94%	99%	99%	98%						101%			
						8	0.5	0.8	1.3	2.3						91.5				0.5	0.8	1.3	2.3						93.3				99%	94%	104%	100%						102%			
						16	0.5	0.8	1.2	2.3						92.7				0.5	0.8	1.3	2.3						94.5				92%	102%	104%	98%						102%			
						32	0.5	0.8	1.3	2.2						94.4				0.5	0.8	1.3	2.3						92.6				94%	98%	102%	104%						98%			
					4096	0	0.5	0.8	1.1	2.1	3.9		7.1	13.3	23.6	39.4	54.6	70.6	91.1	0.5	0.7	1.2	2.1	3.9		7.2	13.2	23.9	39.7	54.7	71.1	92.2	92%	95%	109%	100%	100%		101%	100%	101%	101%	100%	101%	101%
						1	0.6	0.8	1.3	2.2	4.2		8.0	14.6	26.7	44.2	60.8	76.1	96.2	0.5	0.8	1.2	2.3	4.1		7.9	15.0	26.7	44.1	60.8	76.1	99.0	90%	97%	96%	102%	98%		99%	102%	100%	100%	100%	100%	103%
						8	0.5	0.8	1.3	2.3	4.2		8.0	14.7	26.5	43.6	60.2	77.3	99.1	0.5	0.8	1.3	2.3	4.3		7.9	14.8	26.5	45.0	61.1	78.2	99.0	92%	103%	96%	103%	102%		100%	101%	100%	103%	101%	101%	100%
						16	0.5	0.8	1.3	2.2	4.2		7.9	14.9	26.8	43.8	61.7	78.7	98.8	0.5	0.8	1.3	2.3	4.2		7.9	14.9	26.7	44.0	61.0	77.7	99.6	91%	103%	98%	103%	100%		100%	100%	99%	100%	99%	99%	101%
						32	0.6	0.8	1.3	2.3	4.2		7.8	14.6	26.0	43.9	60.7	77.7	99.4	0.5	0.8	1.3	2.2	4.3		8.1	14.8	26.1	44.3	62.2	79.5	99.2	95%	97%	101%	96%	102%		103%	101%	100%	101%	103%	102%	100%
					65536	0	0.5	0.7	1.2	2.1	4.0		7.2	13.0	23.8	39.9	54.4	70.2	91.0	0.5	0.7	1.2	2.1	3.8		7.1	13.2	23.9	39.8	55.1	70.8	91.9	105%	105%	95%	103%	97%		99%	102%	100%	100%	101%	101%	101%
						1	0.5	0.8	1.3	2.2	4.3		7.9	14.9	26.8	44.3	61.0	75.6	96.8	0.5	0.8	1.3	2.2	4.3		7.9	14.8	26.7	44.2	60.6	76.3	97.6	98%	101%	99%	100%	101%		100%	99%	100%	100%	99%	101%	101%
						8	0.5	0.8	1.2	2.3	4.2		7.9	14.5	26.9	44.0	60.9	76.9	98.7	0.5	0.8	1.2	2.2	4.4		7.9	14.9	26.7	44.2	61.0	77.4	99.8	106%	102%	102%	98%	104%		101%	103%	99%	100%	100%	101%	101%
						16	0.5	0.8	1.3	2.2	4.2		7.9	14.4	26.8	44.3	61.0	77.6	98.9	0.5	0.8	1.3	2.3	4.3		8.0	14.9	26.7	45.0	62.2	77.7	98.7	94%	97%	97%	105%	102%		101%	104%	100%	102%	102%	100%	100%
						32	0.5	0.8	1.3	2.3	4.3		7.8	14.9	26.4	44.2	61.5	77.9	99.1	0.5	0.8	1.4	2.3	4.2		8.0	14.5	27.1	44.0	61.2	78.7	98.8	99%	106%	108%	100%	99%		103%	98%	102%	99%	100%	101%	100%

			4	128	0	0.5	0.7	1.2	2.1				22.3	37.0	54.2			0.5	0.8	1.2	2.1				22.2	37.0	55.5			105%	108%	102%	101%				100%	100%	102%		
					1	0.5	0.8	1.3	2.4				23.0	38.1	56.7			0.6	0.8	1.3	2.3				24.0	39.1	58.2			108%	100%	102%	97%				104%	103%	103%		
					8	0.5	0.8	1.2	2.2				23.1	38.2	56.3			0.5	0.8	1.3	2.2				23.8	39.6	59.6			95%	99%	101%	100%				103%	104%	106%		
					16	0.5	0.8	1.2	2.3				23.1	38.5	56.0			0.5	0.8	1.3	2.3				23.7	39.7	59.7			99%	100%	108%	100%				102%	103%	107%		
					32	0.5	0.8	1.3	2.3				23.0	38.6	56.8			0.5	0.8	1.2	2.3				23.7	39.7	59.9			105%	97%	96%	99%				103%	103%	105%		
				4096	0	0.5	0.8	1.2	2.1	3.9		7.3	13.1	27.1	56.1	73.1	87.6	0.5	0.8	1.3	2.1	3.9		7.1	13.1	27.3	55.6	73.4	88.6	95%	99%	105%	104%	102%		98%	100%	101%	99%	100%	101%
					1	0.5	0.8	1.3	2.4	4.3		8.0	15.0	29.3	55.6	72.2	85.8	0.5	0.8	1.3	2.3	4.2		7.9	14.6	29.2	55.7	73.3	89.6	96%	100%	100%	94%	99%		99%	97%	100%	100%	102%	104%
					8	0.6	0.8	1.3	2.2	4.2		7.8	15.0	29.3	54.9	71.6	86.6	0.5	0.8	1.3	2.3	4.3		7.9	15.2	29.4	56.5	75.4	92.0	98%	101%	97%	103%	102%		101%	101%	100%	103%	105%	106%
					16	0.5	0.8	1.3	2.2	4.3		7.9	14.9	26.3	54.5	70.4	87.1	0.5	0.8	1.4	2.3	4.2		8.1	14.8	29.7	56.2	75.1	91.0	105%	105%	103%	105%	98%		102%	99%	113%	103%	107%	105%
					32	0.5	0.8	1.3	2.3	4.3		8.0	14.9	26.3	54.8	71.8	87.2	0.5	0.8	1.3	2.3	4.2		8.2	14.7	32.1	56.4	75.1	91.3	98%	98%	101%	99%	99%		103%	99%	122%	103%	104%	105%
				65536	0	0.5	0.8	1.2	2.1	3.9		7.2	13.2	30.8	54.5	72.6	88.0	0.5	0.8	1.2	2.0	3.9		7.2	13.2	23.9	55.4	73.2	88.1	96%	99%	96%	96%	102%		100%	100%	78%	102%	101%	100%
					1	0.5	0.8	1.3	2.3	4.2		8.0	14.5	29.3	55.7	72.1	85.6	0.5	0.8	1.3	2.3	4.2		7.9	14.7	29.3	56.1	73.0	89.7	114%	101%	94%	103%	100%		98%	101%	100%	101%	101%	105%
					8	0.5	0.8	1.3	2.2	4.2		8.0	15.0	29.3	53.7	71.7	86.3	0.5	0.8	1.4	2.3	4.1		8.0	14.9	29.3	57.2	75.8	90.6	92%	102%	110%	103%	98%		101%	99%	100%	106%	106%	105%
					16	0.5	0.8	1.3	2.3	4.2		8.0	14.8	26.2	53.8	71.9	87.1	0.5	0.8	1.3	2.2	4.2		7.9	14.7	32.5	55.8	75.9	92.5	97%	101%	101%	97%	101%		99%	100%	124%	104%	106%	106%
					32	0.5	0.8	1.3	2.3	4.2		7.9	15.0	29.3	53.8	72.6	86.0	0.5	0.8	1.3	2.3	4.3		8.0	14.6	26.1	56.8	74.5	91.8	100%	100%	101%	101%	100%		100%	97%	89%	106%	103%	107%
cached-os	1000000	cyclic	0	128	0	11.3	19.4											11.4	19.5											101%	101%												
					1	12.2	21.0											12.3	21.0											101%	100%												
					8	12.5	21.0											12.2	21.2											98%	101%												
					16	12.3	21.2											12.2	20.2											100%	95%												
					32	12.2	21.4											12.2	21.1											101%	99%												
				4096	0	11.3	18.1	31.2	57.1	110.6	172.7							11.4	18.1	31.5	57.2	110.0	174.7							101%	100%	101%	100%	99%	101%								
					1	12.0	20.0	34.1	63.1	120.5	192.7							12.1	19.8	34.4	63.1	120.7								101%	99%	101%	100%	100%	0%								
					8	12.2	19.7	34.2	62.9	121.3	186.8							12.4	20.1	34.7	63.7	122.2	184.9							102%	102%	101%	101%	101%	99%								
					16	12.2	18.6	34.8	62.6	119.6	190.3							12.2	19.5	34.8	62.7	119.8	187.9							100%	105%	100%	100%	100%	99%								
					32	12.3	19.7	34.4	62.9	119.7	191.8							12.1	19.8	34.8	62.7	119.8	188.0							99%	100%	101%	100%	100%	98%								
				65536	0	11.2	17.9	31.3	58.4	110.8	172.4							11.6	18.0	31.5	57.9	109.1	174.8							103%	101%	101%	99%	98%	101%								
					1	12.2	19.7	34.1	62.8	118.0	192.8							12.3	19.9	34.3	62.3	120.4								101%	101%	101%	99%	102%	0%								
					8	12.2	19.5	34.2	62.1	119.2	187.9							12.3	19.7	34.4	62.0	120.3								101%	101%	101%	100%	101%	0%								
					16	12.2	19.7	33.9	62.6	120.3	196.3							12.4	19.8	35.0	63.4	121.3								102%	100%	103%	101%	101%	0%								
					32	12.3	19.9	34.0	62.8	120.9								12.3	19.9	34.1	63.5	119.5	192.3							100%	100%	100%	101%	99%									
			4	128	0	7.8	11.9											7.7	11.9											99%	100%												
					1	8.0	12.7											8.4	12.3											105%	97%												
					8	8.0	12.8											8.2	12.6											103%	99%												
					16	8.0	12.8											8.2	13.1											103%	102%												
					32	7.9	12.4											8.1	12.5											103%	101%												
				4096	0	7.7	11.5	17.2	31.0									7.7	11.4	18.6	31.4									99%	99%	108%	101%										
					1	7.9	11.9	18.0	32.6									7.9	12.5	18.1	32.4									100%	105%	101%	100%										
					8	7.9	12.0	17.9	32.5									8.1	12.2	18.5	34.0									101%	101%	103%	104%										
					16	7.9	12.2	18.5	32.2									8.1	11.7	18.7	32.8									103%	96%	101%	102%										
					32	8.1	11.7	18.0	33.2									8.0	12.0	18.5	33.5									99%	102%	103%	101%										
				65536	0	7.9	11.7	17.9	31.4									8.1	11.8	17.4	31.5									103%	100%	97%	100%										
					1	8.0	12.6	17.9	32.2									7.9	11.7	18.5	31.7									98%	93%	103%	99%										
					8	7.9	11.7	18.0	32.2									8.1	11.9	19.9	33.2									103%	101%	110%	103%										
					16	8.0	11.8	18.6	32.5									8.0	12.2	18.4	32.7									100%	104%	99%	101%										
					32	8.0	12.0	18.0	32.8									8.2	12.1	18.8	33.5									102%	101%	104%	102%										
		cyclic-fuzz	0	128	0	13.3	21.7											13.5	21.3											101%	98%												
					1	14.7	23.2											14.5	23.2											99%	100%												
					8	14.4	23.6											14.6	23.5											101%	99%												
					16	14.5	23.7											14.6	23.7											101%	100%												
					32	13.9	23.6											14.7	23.4											106%	99%												
				4096	0	13.5	20.0	33.4	60.6	111.5	176.0							13.3	20.3	33.5	60.0	112.5	177.4							99%	101%	100%	99%	101%	101%								
					1	12.7	21.8	35.6	65.5	121.3	192.8							14.6	21.9	37.0	65.2	123.1	187.9							115%	101%	104%	100%	101%	97%								
					8	14.5	22.2	36.5	65.1	121.8	193.8							14.6	22.1	36.3	65.2	122.3	195.8							101%	100%	99%	100%	100%	101%								
					16	14.6	21.8	36.6	65.3	121.5	192.2							14.6	22.0	36.5	64.7	122.7	193.3							100%	101%	100%	99%	101%	101%								
					32	14.8	22.2	36.8	65.5	124.0	193.7							13.0	22.0	36.7	66.4	123.2	195.7							88%	99%	100%	101%	99%	101%								
				65536	0	13.4	19.8	33.4	59.9	112.7	175.2							13.2	20.1	33.2	58.3	112.8	177.0							99%	101%	99%	97%	100%	101%								
					1	14.2	22.1	36.2	64.3	122.8	193.9							14.5	22.3	36.7	65.1	122.3	189.8							102%	101%	101%	101%	100%	98%								
					8	14.5	21.8	36.3	64.8	122.4	189.7							14.6	21.9	36.7	65.3	123.2	195.5							101%	101%	101%	101%	101%	103%								
					16	14.7	21.7	36.2	65.3	122.1	188.4							14.5	22.1	36.6	64.9	124.6	191.1							99%	102%	101%	99%	102%	101%								
					32	14.6	22.3	36.5	65.5	121.5	191.7							14.5	22.1	36.8	65.5	124.3	192.5							99%	99%	101%	100%	102%	100%								
			4	128	0	8.3	12.6											8.5	13.2											102%	105%												
					1	8.7	13.3											8.6	13.6											99%	102%												
					8	8.6	13.4											8.8	13.7											102%	102%												
					16	8.7	13.7											8.9	13.6											103%	99%												
					32	8.7	12.8											8.7	12.9											101%	101%												
				4096	0	8.3	13.1	18.6	32.0									8.5	12.0	18.7	32.6									102%	92%	101%	102%										
					1	8.7	12.9	20.2	33.2									8.9	12.5	18.1	32.8									102%	97%	90%	99%										
					8	8.7	12.4	19.7	33.4									8.8	13.9	20.8	35.2									102%	112%	106%	106%										
					16	8.7	12.9	19.3	33.5									8.8	13.3	18.9	34.4									102%	103%	98%	103%										
					32	8.7	12.5	18.8	33.5									8.7	12.6	19.8	34.9									100%	101%	105%	104%										
				65536	0	8.4	12.6	18.9	32.4									8.7	12.1	18.3	32.3									104%	96%	97%	100%										
					1	8.6	12.6	19.0	33.3									8.8	12.9	19.5	32.9									102%	103%	102%	99%										
					8	8.7	12.6	19.3	32.8									9.0	12.8	19.1	34.2									104%	102%	99%	104%										
					16	8.7	12.6	18.7	34.0									8.8	13.4	19.6	34.6									101%	106%	105%	102%										
					32	8.7	12.7	19.1	32.7									8.7	13.3	20.6	34.6									100%	105%	108%	106%										
		uniform	0	128	0	2.3	3.7	6.4	11.6						237.8			2.2	3.5	6.3	11.3						242.2			96%	95%	98%	98%								102%		
					1	2.5	4.0	6.7	12.5						259.7			2.4	3.8	6.8	12.4					169.3	260.1			96%	95%	101%	99%								100%		
					8	2.5	4.0	6.7	12.6						259.6			2.3	3.8	6.9	12.3						263.1			95%	94%	103%	97%								101%		

					16	2.4	4.0	6.6	13.0					260.5				2.4	4.1	6.8	12.7					261.4			99%	102%	103%	98%					100%			
					32	2.4	4.0	6.7	12.2					260.0				2.4	3.7	6.8	12.7					257.8			98%	93%	100%	104%					99%			
				4096	0	2.1	3.6	6.2	11.7	21.1	38.6	71.9	120.5	189.5	244.6	274.2	294.4	2.2	3.5	6.3	11.3	21.6	38.9	70.4	122.4	188.5	245.3	273.6	292.3	104%	96%	102%	97%	102%	101%	98%	102%	99%	100%	100%	99%
					1	2.5	4.0	6.8	12.2	23.0	43.3	77.4	136.0	209.8	273.4	298.6	316.3	2.3	3.9	6.6	12.7	22.9	42.7	78.6	134.6	212.3	273.5	300.7	319.8	90%	99%	98%	103%	100%	99%	102%	99%	101%	100%	101%	101%
					8	2.5	3.7	6.9	12.5	23.4	43.5	78.4	137.0	210.2	269.7	302.5	330.1	2.5	3.8	6.8	12.8	23.5	43.0	78.2	135.2	211.3	273.4	306.5	324.5	99%	102%	99%	103%	101%	99%	100%	99%	101%	101%	101%	98%
					16	2.4	3.8	7.0	12.6	23.3	43.0	78.7	136.8	211.9	275.7	307.8	326.2	2.4	3.9	6.7	12.4	23.5	42.9	79.5	137.3	215.1	272.7	306.8	331.0	99%	102%	96%	99%	101%	100%	101%	100%	102%	99%	100%	101%
					32	2.5	3.9	6.8	12.7	23.5	43.1	77.6	133.0	211.0	274.0	304.4	326.2	2.5	3.8	6.9	12.1	23.7	43.9	77.8	133.4	211.4	284.2	313.1	328.8	99%	96%	102%	96%	101%	102%	100%	100%	100%	104%	103%	101%
				65536	0	2.3	3.4	6.3	11.3	21.7	39.4	70.4	122.9	190.1	250.1	274.6	293.6	2.2	3.7	6.3	11.4	21.2	38.4	71.3	121.7	189.1	250.0	273.1	293.8	97%	107%	99%	101%	98%	97%	101%	99%	99%	100%	99%	100%
					1	2.5	3.7	6.8	12.2	23.5	43.0	78.8	136.0	211.5	271.6	298.6	318.2	2.4	3.9	6.8	12.2	23.6	43.3	77.9	136.8	209.0	272.7	298.2	320.4	99%	103%	99%	100%	100%	101%	99%	101%	99%	100%	100%	101%
					8	2.4	3.9	6.4	12.5	23.0	43.6	77.4	137.2	211.7	274.7	301.1	327.0	2.5	3.9	6.7	12.4	23.9	43.1	79.5	135.8	211.5	278.7	305.9	327.7	103%	100%	104%	99%	104%	99%	103%	99%	100%	101%	102%	100%
					16	2.5	3.9	6.8	12.5	23.1	42.9	77.7	137.9	210.7	275.2	308.8	325.9	2.4	4.0	6.9	12.6	23.2	43.7	79.8	134.9	211.8	277.2	304.4	324.4	97%	102%	100%	101%	100%	102%	103%	98%	101%	101%	99%	100%
					32	2.4	3.8	6.7	12.5	23.6	42.7	79.3	135.2	213.5	276.0	307.5	327.4	2.3	3.9	7.1	12.4	23.1	43.4	77.6	135.4	212.0	275.1	307.3	323.1	97%	103%	106%	99%	98%	102%	98%	100%	99%	100%	100%	99%
			4	128	0	2.3	3.5	6.2	11.4			32.3	52.6	82.3				2.3	3.7	6.2	11.3			33.3	53.1	81.9				102%	106%	100%	100%			103%	101%	99%			
					1	2.5	4.0	6.8	12.6			34.4	56.1	87.2				2.5	3.9	6.9	12.4			33.5	54.3	84.8				99%	100%	101%	99%			97%	97%	97%			
					8	2.4	3.9	6.7	12.5			34.0	56.4	88.5				2.4	3.9	6.8	12.3			34.4	56.7	88.3				101%	102%	101%	99%			101%	101%	100%			
					16	2.5	3.9	6.6	12.6			34.1	56.7	87.8				2.4	3.8	6.9	12.7			34.4	56.9	89.0				97%	98%	103%	101%			101%	100%	101%			
					32	2.4	4.0	6.9	12.6			33.8	56.6	87.8				2.5	3.7	6.6	12.4			34.4	57.1	87.9				100%	91%	96%	98%			102%	101%	100%			
				4096	0	2.2	3.7	6.4	11.3	21.2	39.8	69.9	98.5	88.6	114.7	130.1		2.2	3.7	6.5	11.4	21.5	38.7	70.4	98.5	89.7	115.4	133.3		101%	100%	101%	100%	102%	97%	101%	100%	101%	101%	102%	
					1	2.5	4.0	7.0	12.5	23.2	43.2	79.5	107.9	89.1	110.9	132.9		2.3	4.0	6.8	12.3	23.3	43.4	78.9	108.4	88.5	126.5	145.1		95%	100%	97%	98%	100%	101%	99%	100%	99%	114%	109%	
					8	2.5	3.8	7.2	12.4	23.0	42.8	79.6	107.7	86.5	113.8	131.0		2.6	3.9	6.9	12.4	23.4	43.0	79.8	108.3	88.3	111.5	134.3		101%	103%	95%	100%	102%	101%	100%	101%	102%	98%	103%	
					16	2.4	3.8	6.9	12.3	23.9	43.0	79.1	134.5	86.5	108.8	129.1		2.5	4.1	7.0	12.6	23.7	43.4	79.0	108.8	89.3	118.7	135.8		103%	108%	101%	103%	99%	101%	100%	81%	103%	109%	105%	
					32	2.4	4.1	6.9	12.5	23.5	43.5	79.2	135.4	85.4	114.9	129.9		2.5	4.0	6.8	12.3	23.1	43.8	78.1	80.9	88.3	115.5	134.9		101%	98%	100%	98%	98%	101%	99%	60%	103%	100%	104%	
				65536	0	2.3	3.7	6.4	11.6	21.7	39.5	71.6	73.9	87.8	114.9	135.2		2.3	3.5	6.2	11.0	21.5	39.4	70.3	123.9	84.6	115.2	138.0		99%	95%	96%	95%	99%	100%	98%	168%	96%	100%	102%	
					1	2.3	3.8	7.0	12.4	23.0	43.2	77.7	108.4	86.8	113.5	130.8		2.5	3.9	6.7	12.8	23.4	42.9	78.0	107.8	90.5	120.1	140.5		106%	102%	95%	103%	102%	99%	100%	99%	104%	106%	107%	
					8	2.4	4.0	6.8	12.3	23.5	42.9	79.0	107.9	88.7	109.4	130.5		2.4	4.0	7.2	12.5	22.9	43.0	78.6	107.7	90.4	116.1	132.8		100%	101%	105%	102%	97%	100%	99%	100%	102%	106%	102%	
					16	2.4	3.9	6.7	12.5	23.1	43.2	78.5	135.1	85.7	110.4	128.5		2.5	4.0	6.8	12.3	23.0	42.9	79.0	81.1	88.4	114.7	136.0		101%	104%	100%	98%	100%	99%	101%	60%	103%	104%	106%	
					32	2.6	4.0	6.8	12.5	23.4	43.3	80.0	107.8	85.9	112.4	128.5		2.5	3.9	6.9	12.6	23.5	43.1	77.2	132.6	89.3	115.2	135.1		98%	98%	101%	100%	101%	100%	97%	123%	104%	103%	105%	
uncached	1000000	cyclic	0	128	0	235.9	266.3											225.9	259.7											96%	98%										
					1	173.8	251.8											177.3	246.1											102%	98%										
					8	52.4	83.7											51.5	85.1											98%	102%										
					16	40.9	68.2											41.2	63.4											101%	93%										
					32	30.3	52.0											31.6	50.8											104%	98%										
				4096	0	213.3	244.9	271.2	285.5	388.4	323.1							218.1	257.9	271.3	289.8	386.2	323.8							102%	105%	100%	101%	99%	100%						
					1	172.2	250.6	391.1	684.2	1234.0	1919.3							172.5	246.2	395.3	692.4	1237.5								100%	98%	101%	101%	100%	0%						
					8	51.2	83.8	145.2	269.7	524.6	823.8							50.0	84.4	147.2	271.2	516.1	820.8							98%	101%	101%	101%	98%	100%						
					16	37.8	60.0	118.6	219.9	416.2	670.1							38.1	64.0	117.9	218.8	406.8	670.2							101%	107%	99%	99%	98%	100%						
					32	29.1	50.0	104.6	195.0	345.2	574.6							29.7	49.4	102.4	192.6	339.3	570.8							102%	99%	98%	99%	98%	99%						
				65536	0	214.4	238.2	266.8	284.7	382.6	322.2							214.2	243.8	265.2	287.2	385.3	321.6							100%	102%	99%	101%	101%	100%						
					1	172.9	242.9	393.5	676.9	1230.8	1923.6							172.3	247.3	399.8	681.0	1248.5								100%	102%	102%	101%	101%	0%						
					8	52.3	81.9	146.5	268.6	515.7	839.7							52.7	83.2	147.5	270.7	509.9								101%	102%	101%	101%	99%	0%						
					16	38.5	64.0	119.6	217.7	412.3	665.0							38.1	64.7	124.0	215.4	410.5								99%	101%	104%	99%	100%	0%						
					32	30.1	50.5	103.4	190.7	346.4								30.0	50.9	103.5	195.8	346.5	577.6							99%	101%	100%	103%	100%							
			4	128	0	194.4	225.0											200.0	226.7											103%	101%										
					1	81.0	116.1											203.2	230.3											251%	198%										
					8	41.9	69.8											49.3	81.4											118%	117%										
					16	34.1	58.4											36.7	63.3											108%	109%										
					32	27.4	45.4											28.7	45.2											105%	99%										
				4096	0	200.3	224.3	251.9	297.6									198.8	226.6	254.1	294.1									99%	101%	101%	99%								
					1	84.4	119.3	197.3	341.0									192.4	226.5	258.1	294.1									228%	190%	131%	86%								
					8	41.4	69.7	123.4	221.4									49.7	82.0	140.3	257.9									120%	118%	114%	116%								
					16	34.6	58.7	112.6	199.8									36.7	64.0	116.2	210.5									106%	109%	103%	105%								
					32	26.8	42.3	96.1	178.1									26.5	46.5	98.8	182.3									99%	110%	103%	102%								
				65536	0	201.0	229.5	253.8	302.7									202.7	228.3	251.0	295.4									101%	99%	99%	98%								
					1	83.0	121.6	192.8	342.0									193.8	228.0	251.6	298.1									233%	188%	131%	87%								
					8	42.6	68.8	125.5	219.6									48.8	81.7	140.1	253.1									115%	119%	112%	115%								
					16	33.9	59.0	107.5	197.4									36.2	63.3	115.9	206.7									107%	107%	108%	105%								
					32	26.4	43.1	96.0	179.0									28.2	46.6	97.7	180.7									107%	108%	102%	101%								
		cyclic-fuzz	0	128	0	233.9	285.4											229.2	270.1											98%	95%										
					1	211.6	283.4											200.7	274.3											95%	97%										
					8	64.9	98.3											65.8	97.7											101%	99%										
					16	50.1	77.8											50.8	78.0											101%	100%										
					32	36.3	60.7											37.6	58.4											104%	96%										
				4096	0	215.2	255.9	273.2	293.1	386.2	330.1							221.6	263.5	266.9	286.9	388.7	329.3							103%	103%	98%	98%	101%	100%						
					1	176.2	274.0	412.8	709.3	1250.9	1921.0							204.6	278.3	426.9	716.3	1265.7	1849.7							116%	102%	103%	101%	101%	96%						
					8	62.8	95.2	157.4	284.3	539.5	854.5							63.6	94.0	163.3	276.3	530.4	846.9							101%	99%	104%	97%	98%	99%						
					16	49.8	76.4	128.8	225.0	430.0	680.3							46.9	77.8	131.1	226.2	430.2	678.9							94%	102%	102%	101%	100%	100%						
					32	37.7	60.0	112.8	205.4	349.5	575.7							32.1	60.9	111.2	197.5	353.0	571.1							85%	102%	99%	96%	101%	99%						
				65536	0	222.8	262.6	268.6	286.8	386.2	325.8							219.3	258.9	266.9	283.6	385.5	323.3							98%	99%	99%	99%	100%	99%						
					1	195.0	274.1	424.5	710.7	1265.6	1928.2							203.8	275.3	423.1	712.2	1259.0	1863.7							105%	100%	100%	100%	99%	97%						
					8	63.6	95.2	162.7	287.3	536.7	853.2							63.5	97.2	161.4	280.3	528.3	846.8							100%	102%	99%	98%	98%	99%						
					16	47.8	75.5	132.1	227.0	420.2	681.7							48.4	76.4	129.7	227.8	422.9	663.7							101%	101%	98%	100%	101%	97%						
					32	38.7	60.5	114.8	199.0	352.8	580.8							38.4	59.4	112.0	206.0	350.4	578.8							99%	98%	98%	104%	99%	100%						
			4	128	0	205.3	232.1											216.9	237.3											106%	102%										
					1	100.3	135.3											207.7	229.5											207%	170%										
					8	53.5	78.0											61.4	91.8											115%	118%										
					16	43.8	68.6											46.1	73.9											105%	108%										
					32	33.6	50.3											34.0	57.0											101%	113%										
				4096	0	212.7	235.0	267.8	298.6									209.9	230.5	266.4	298.4									99%	98%	99%	100%								

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						16	5.6	9.2	16.2	30.0	56.6	98.5								5.5	9.3	16.2	30.1	57.6	106.2							99%	101%	100%	100%	102%	108%							
						32	5.5	9.1	16.1	30.0	56.9	100.1								5.5	9.2	16.2	29.7	56.8	105.2							100%	101%	101%	99%	100%	105%							
				4	128	0	9.1	12.3												9.0	13.1											99%	106%											
						1	9.0	13.2												9.3	13.8											104%	105%											
						8	10.0	13.0												9.4	14.0											93%	108%											
						16	9.4	12.7												9.6	12.5											102%	98%											
						32	9.4	13.6												9.5	13.4											100%	99%											
					4096	0	8.9	12.6	19.4	32.4										8.3	12.4	18.8	31.6									93%	99%	97%	98%									
						1	8.9	12.6	21.0	33.3										9.6	13.3	20.4	34.5									107%	106%	97%	104%									
						8	9.2	12.3	18.8	33.9										9.2	13.4	19.7	34.1									100%	109%	105%	100%									
						16	9.3	12.7	21.0	34.0										9.4	12.8	20.3	33.2									101%	101%	97%	97%									
						32	9.1	13.1	20.2	32.9										9.5	13.0	19.3	33.7									104%	99%	95%	102%									
					65536	0	8.9	12.2	19.3	32.5										9.0	12.5	18.7	31.8									101%	102%	97%	98%									
						1	9.5	12.4	19.1	33.2										10.4	13.1	21.0	34.8									110%	106%	110%	105%									
						8	9.0	12.6	19.6	33.7										9.1	13.0	20.1	34.6									101%	103%	102%	103%									
						16	9.4	13.1	20.1	32.6										8.7	13.5	19.9	35.0									93%	103%	99%	107%									
						32	8.8	12.8	20.7	33.3										9.7	12.8	20.4	34.1									110%	100%	99%	102%									
			uniform	0	128	0	0.5	0.7	1.2	2.2					109.0				0.5	0.7	1.3	2.2									103%	99%	108%	103%					0%				
						1	0.4	0.7	1.3	2.5									0.4	0.8	1.3	2.5									100%	104%	99%	100%									
						8	0.5	0.7	1.4	2.4									0.5	0.8	1.4	2.5					111.8				94%	115%	95%	105%									
						16	0.5	0.7	1.3	2.4									0.5	0.8	1.3	2.6									96%	102%	98%	110%									
						32	0.5	0.8	1.3	2.6									0.5	0.7	1.3	2.5									107%	95%	100%	96%									
					4096	0	0.4	0.8	1.2	2.2	4.4		8.3	15.5	27.7	56.4	82.2	104.0	146.7	0.4	0.7	1.4	2.2	4.4		8.4	15.2	29.7	54.2	79.6	112.1	137.0	101%	97%	115%	101%	99%		101%	98%	107%	96%	97%	108%	93%
						1	0.5	0.8	1.3	2.4	4.6		8.8	16.5	31.8	61.2	85.9	116.4	153.6	0.4	0.7	1.3	2.6	4.8		8.8	16.6	30.2	61.0	84.9	114.6	152.6	91%	89%	103%	107%	103%		100%	101%	95%	100%	99%	98%	99%
						8	0.5	0.7	1.3	2.4	4.5		8.8	16.8	29.9	59.5	88.7	112.2	155.7	0.5	0.8	1.2	2.4	4.7		8.9	17.0	30.7	60.0	88.6	115.0	144.9	90%	108%	99%	101%	103%		101%	101%	103%	101%	100%	103%	93%
						16	0.5	0.8	1.3	2.4	4.6		8.9	17.0	31.4	61.0	87.8	117.0	162.8	0.5	0.8	1.2	2.4	4.6		8.9	16.7	31.7	59.1	86.6	111.9	154.0	97%	101%	96%	102%	99%		100%	98%	101%	97%	99%	96%	95%
						32	0.4	0.7	1.4	2.4	4.6		8.9	17.0	31.9	61.0	86.8	113.1	165.1	0.5	0.8	1.3	2.4	4.6		8.9	16.9	30.5	60.5	84.1	112.5	147.9	107%	104%	94%	102%	100%		100%	99%	96%	99%	97%	99%	90%
					65536	0	0.4	0.8	1.2	2.2	4.4		8.2	15.5	27.7	57.4	83.0	115.6	140.6	0.5	0.7	1.1	2.2	4.3		7.8	15.4	29.7	55.5	80.7	98.1	145.2	116%	91%	90%	101%	99%		95%	99%	107%	97%	97%	85%	103%
						1	0.5	0.7	1.3	2.6	4.5		8.7	16.8	31.2	59.8	84.8	118.6	162.7	0.5	0.8	1.4	2.5	4.8		8.7	18.0	30.1	61.2	81.5	116.4	152.7	105%	110%	111%	97%	107%		100%	107%	97%	102%	96%	98%	94%
						8	0.5	0.8	1.6	2.4	4.7		8.6	16.9	31.8	59.7	89.7	114.5	149.8	0.5	0.8	1.3	2.4	4.7		8.7	16.7	33.9	60.1	82.6	112.7	163.4	113%	96%	83%	100%	102%		101%	99%	106%	101%	92%	98%	109%
						16	0.5	0.8	1.3	2.5	4.6		8.9	19.0	36.2	59.1	89.5	120.0	163.3	0.4	0.8	1.3	2.4	4.6		8.9	18.2	32.8	60.9	90.5	113.4	164.1	93%	105%	99%	96%	101%		100%	96%	91%	103%	101%	94%	100%
						32	0.4	0.8	1.2	2.2	4.5		8.9	18.0	32.1	59.8	87.2	108.1	149.4	0.5	0.7	1.4	2.5	4.7		8.8	17.1	29.3	59.2	88.6	119.9	163.1	114%	88%	111%	110%	104%		100%	95%	91%	99%	102%	111%	109%
				4	128	0	0.5	0.7	1.2	2.3					49.4	74.7				0.4	0.7	1.2	2.3					49.6	73.5				93%	96%	101%	99%					100%	98%			
						1	0.5	0.9	1.5	2.5					57.7	83.4				0.4	0.7	1.3	2.4					55.9	83.9				86%	80%	91%	97%					97%	101%			
						8	0.5	0.8	1.3	2.4					54.5	83.5				0.5	0.8	1.3	2.3					57.9	85.6				106%	99%	102%	96%					106%	103%			
						16	0.5	0.8	1.3	2.5					54.9	81.1				0.5	0.8	1.4	2.5					57.0	85.7				104%	102%	106%	99%					104%	106%			
						32	0.5	0.7	1.2	2.4					54.8	80.5				0.5	0.8	1.3	2.4					56.5	85.7				111%	109%	103%	102%					103%	106%			
					4096	0	0.4	0.7	1.3	2.2	4.3		8.0	15.3	44.5	74.0	95.2	113.1		0.5	0.6	1.3	2.2	4.7		8.0	15.1	46.3	72.3	95.1	114.3		114%	87%	105%	100%	109%		100%	99%	104%	98%	100%	101%	
						1	0.4	0.7	1.3	2.4	4.7		8.7	16.6	47.4	74.7	99.0	120.6		0.6	0.8	1.3	2.5	4.6		8.8	16.8	48.9	76.2	102.1	125.7		124%	111%	101%	103%	98%		101%	101%	103%	102%	103%	104%	
						8	0.5	0.8	1.3	2.4	4.6		9.3	16.4	48.9	76.3	101.0	121.5		0.5	0.9	1.3	2.4	4.7		8.8	16.9	50.2	78.0	102.7	124.8		97%	114%	98%	101%	101%		94%	103%	103%	102%	102%	103%	
						16	0.5	0.7	1.3	2.4	4.6		8.9	16.7	47.2	76.5	101.2	121.3		0.5	0.8	1.3	2.3	4.7		8.8	17.0	49.0	78.8	103.1	123.4		109%	109%	106%	96%	102%		99%	102%	104%	103%	102%	102%	
						32	0.5	0.8	1.3	2.4	4.6		8.6	17.0	48.4	75.1	102.1	119.0		0.5	0.8	1.3	2.4	4.6		9.5	16.9	48.1	78.9	101.8	123.1		97%	97%	99%	98%	100%		110%	99%	99%	105%	100%	103%	
					65536	0	0.4	0.8	1.2	2.2	4.3		8.0	15.4	45.7	72.3	96.2	112.8		0.5	0.7	1.2	2.2	4.2		8.0	15.3	46.1	73.7	96.9	115.6		106%	94%	95%	99%	99%		99%	99%	101%	102%	101%	103%	
						1	0.5	0.8	1.4	2.6	4.5		8.8	16.9	48.0	76.3	101.6	119.0		0.5	0.7	1.3	2.4	4.8		8.8	16.8	48.2	76.7	100.1	123.6		84%	93%	96%	91%	106%		99%	100%	100%	101%	99%	104%	
						8	0.5	0.8	1.4	2.3	4.5		9.2	16.6	45.8	75.8	100.1	120.1		0.5	0.8	1.5	2.4	4.9		8.9	17.0	47.1	75.8	102.6	125.8		98%	95%	107%	102%	110%		97%	102%	103%	100%	103%	105%	
						16	0.5	0.7	1.3	2.3	4.7		8.8	16.7	46.8	77.1	100.9	121.8		0.5	0.8	1.4	2.5	4.7		8.9	16.9	48.2	75.6	100.9	124.6		107%	105%	110%	106%	100%		101%	101%	103%	98%	100%	102%	
						32	0.5	0.8	1.2	2.5	4.6		8.8	16.3	48.3	76.7	101.1	121.3		0.5	0.8	1.3	2.5	4.5		9.1	17.0	48.7	77.6	102.3	123.6		93%	99%	106%	100%	99%		104%	104%	101%	101%	101%	102%	
cached-os		1000000	cyclic	0	128	0		24.0													25.6													107%											
						1		26.2													26.0												99%											
						8		25.9													24.9												96%											
						16		25.3													26.1												103%											
						32		25.8													26.0												101%											
					4096	0	14.6	23.6	39.9	70.5	133.4	211.6								14.6	23.9	40.5	72.3	135.4	211.4								100%	101%	102%	103%	101%	100%							
						1	15.6	24.7	42.8	76.1	151.3	225.4								15.6	25.5	42.5	75.9	144.0	234.2								100%	103%	99%	100%	95%	104%							
						8	15.4	24.7	43.1	76.4	145.1	227.2								15.7	23.9	41.8	75.9	145.6	231.3								101%	97%	97%	99%	100%	102%							
						16	15.6	25.3	42.5	76.5	145.3	229.2								15.7	25.3	41.9	76.4	144.2	229.3								101%	100%	99%	100%	99%	100%							
						32	15.6	25.2	43.3	77.5	150.8	227.5								15.6	25.4	42.6	77.0	146.2	230.1								100%	101%	98%	99%	97%	101%							
					65536	0	14.4	23.5	43.1	71.2	134.8	217.0								14.7	24.5	39.7	70.7	133.9	215.3								102%	104%	92%	99%	99%	99%							
						1	15.7	25.2	43.2	76.3	146.3	226.7								15.8	25.7	43.0	76.5	148.9	226.5								101%	102%	100%	100%	102%	100%							
						8	15.6	26.0	41.8	78.4	145.7	227.7								15.7	25.5	42.3	77.2	144.3	239.9								100%	98%	101%	99%	99%	105%							
						16	15.6	25.3	44.7	76.7	147.6	228.3								15.9	25.5	43.0	79.3	145.3	226.6								101%	101%	96%	103%	98%	99%							
						32	15.4	25.3	42.0	76.3	145.7	232.6								15.6	25.2	43.1	76.6	151.1	230.4								102%	100%	103%	100%	104%	99%							
				4	128	0	11.3	15.2												10.8	14.2											96%	93%											
						1	11.1	16.0												12.2	15.4											109%	96%											
						8	11.3	14.8												11.4	15.2											101%	103%											
						16	11.7	15.1												11.8	16.1											101%	106%											
						32	11.3	15.2												11.4	15.3											101%	101%											
					4096	0	11.3	14.9	23.5	39.0										10.7	14.6	23.9	39.9									94%	98%	102%	102%									
						1	11.3	15.1	24.0	40.8										12.0	15.8	23.3	42.4									106%	105%	97%	104%									
						8	11.4	15.3	23.6	41.2										11.8	15.3	24.0	41.7									104%	100%	102%	101%									
						16	11.7	14.8	24.2	40.2										12.0	15.9	24.4	40.8									102%	107%	101%	101%									
						32	11.0	15.5	23.6	40.4										12.0	16.0	24.4	41.7									109%	103%	103%	103%									
					65536	0	10.8	15.4	22.6	38.5										10.8	14.4	22.6	39.3									100%	93%	100%	102%									
						1	11.6	15.1	23.5	42.1										11.5	16.1	24.2	41.5									99%	106%	103%	99%									
						8	11.6	15.3	23.8	39.9										11.3	15.8	24.8	43.1									97%	103%	104%	108%									
						16	11.6	15.5	23.8	41.2										11.8	16.0	25.0	41.3									102%	103%	105%	100%									
						32	11.8	15.6	23.8	40.1										11.5	15.4	25.7	42.5									98%	98%	108%	106%									
			cyclic-fuzz	0	128	16		29.1																									0%											

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					16	18.6	26.6	41.2	71.6									20.8	31.5	50.1	88.4									112%	119%	122%	123%												
					32	15.2	22.3	34.3	59.2									16.3	23.2	38.7	67.1									107%	104%	113%	113%												
				65536	0	46.9	61.4	78.4	124.4									47.8	59.5	77.8	126.7									102%	97%	99%	102%												
					1	43.2	56.7	88.1	146.6									49.0	60.4	79.8	126.2									114%	107%	91%	86%												
					8	25.2	32.1	52.9	91.5									27.9	42.4	69.7	123.7									111%	132%	132%	135%												
					16	18.8	26.9	42.0	70.4									20.6	31.1	49.6	88.1									110%	116%	118%	125%												
					32	15.1	21.2	33.5	59.0									16.2	23.8	39.4	67.5									107%	112%	117%	114%												
		cyclic-fuzz	0	128	16		36.5																								0%														
				4096	0	67.3	74.5	95.3	133.5	211.8	312.9							67.4	74.6	91.7	133.2	211.1	316.1							100%	100%	96%	100%	100%	101%										
					1	109.4	161.3	262.1	457.6	857.3	1322.3							112.4	153.9	257.8	450.5	843.8	1339.0							103%	95%	98%	98%	98%	101%										
					8	31.4	43.0	67.8	114.2	206.7	320.7							30.6	43.2	67.0	113.2	206.7	321.8							97%	100%	99%	99%	100%	100%										
					16	24.2	36.1	58.1	103.0	189.1	292.9							24.0	35.1	58.6	99.8	186.5	291.2							99%	97%	101%	97%	99%	99%										
					32	23.7	36.0	57.2	106.4	186.6	280.5							24.5	35.3	58.5	103.5	186.7	289.8							103%	98%	102%	97%	100%	103%										
				65536	0	66.2	73.4	90.9	132.0	209.3	313.3							67.2	75.2	91.9	132.7	211.5	313.7							101%	103%	101%	101%	101%	100%										
					1	112.0	161.6	263.6	462.0	858.7	1329.8							110.7	161.1	261.8	456.5	850.4	1322.7							99%	100%	99%	99%	99%	99%										
					8	29.9	43.3	67.8	114.6	206.7	319.1							30.2	42.6	68.0	114.6	208.4	323.9							101%	98%	100%	100%	101%	102%										
					16	24.4	36.1	58.8	102.1	187.2	295.7							24.0	35.9	58.7	103.1	181.6	296.5							98%	99%	100%	101%	97%	100%										
					32	24.1	34.9	59.8	100.0	188.3	301.1							24.3	36.9	59.9	100.8	185.3	299.2							101%	106%	100%	101%	98%	99%										
			4	128	0	55.0	64.6											54.6	64.8											99%	100%														
					1	49.0	60.9											55.1	64.6											112%	106%														
					8	28.0	35.3											33.1	48.5											118%	137%														
					16	21.0	30.3											25.0	32.8											119%	108%														
					32	16.8	23.3											19.2	26.2											114%	112%														
				4096	0	53.9	62.2	79.7	127.6									54.3	62.9	80.5	129.0									101%	101%	101%	101%												
					1	48.3	60.7	90.9	146.8									54.6	64.1	83.0	131.8									113%	106%	91%	90%												
					8	28.2	35.4	55.1	94.4									32.8	48.8	74.3	125.6									116%	138%	135%	133%												
					16	20.4	29.7	43.2	73.2									24.2	33.8	53.7	92.3									119%	114%	124%	126%												
					32	17.0	23.4	37.4	60.2									19.0	25.7	38.8	69.1									112%	110%	104%	115%												
				65536	0	53.5	62.9	81.7	128.8									55.1	64.7	81.6	128.7									103%	103%	100%	100%												
					1	48.9	61.3	90.7	151.0									54.6	64.2	82.8	132.3									112%	105%	91%	88%												
					8	28.3	35.0	55.4	93.9									33.2	47.8	75.2	127.3									118%	136%	136%	135%												
					16	20.3	29.1	42.6	74.2									22.2	33.7	52.8	90.8									109%	116%	124%	122%												
					32	17.3	24.0	36.7	60.1									18.6	25.9	39.7	68.6									107%	108%	108%	114%												
		uniform	0	128	0	33.7	56.5	98.5	180.9					658.1				32.0	55.6	102.6	184.4									95%	98%	104%	102%									0%			
					1	33.1	55.4	96.3	184.4									33.2	54.4	94.9	183.6									100%	98%	99%	100%												
					8	6.2	8.8	16.3	30.3									5.5	9.4	17.3	32.1					564.6				89%	107%	106%	106%												
					16	4.9	7.7	14.0	24.3									4.8	7.9	13.8	24.1									98%	103%	99%	99%												
					32	4.7	8.0	13.3	24.1									4.7	7.6	14.2	24.0									101%	95%	107%	100%												
				4096	0	32.1	57.3	97.1	181.4	351.9		645.4	943.4	826.8	625.7	509.9	470.2	481.4	32.7	55.0	95.8	186.6	354.2		649.1	939.4	827.3	627.2	507.0	466.7	483.1	102%	96%	99%	103%	101%		101%	100%	100%	100%	99%	99%	100%
					1	33.5	56.1	96.5	179.3	332.8		608.4	1042.6	1536.8	1880.7	2087.2	2021.3	488.0	32.5	55.0	95.7	178.4	336.3		628.1	1079.5	1549.9	1862.1	2115.0	2032.8	493.8	97%	98%	99%	99%	101%		103%	104%	101%	99%	101%	101%	101%
					8	5.8	9.0	15.9	29.8	59.7		123.3	241.3	411.2	529.7	533.4	548.6	567.3	5.7	9.5	16.2	30.5	60.9		124.6	238.9	411.2	531.5	544.5	556.4	562.2	98%	105%	102%	102%	102%		101%	99%	100%	100%	102%	101%	99%
					16	4.9	8.1	13.4	23.6	43.0		80.3	153.7	268.7	378.4	425.0	468.3	510.9	5.0	8.0	12.9	23.6	40.9		79.7	154.8	269.0	374.0	428.9	476.6	507.2	102%	99%	96%	100%	95%		99%	101%	100%	99%	101%	102%	99%
					32	4.7	7.6	13.6	23.1	40.6		72.2	123.1	218.7	337.3	438.8	480.8	513.6	4.9	8.2	13.5	23.6	44.8		75.2	126.0	211.5	344.2	434.6	485.4	506.3	104%	107%	99%	102%	110%		104%	102%	97%	102%	99%	101%	99%
				65536	0	32.0	56.6	97.8	184.6	348.9		643.0	946.7	822.8	617.8	509.5	468.2	485.3	35.5	54.1	97.9	178.8	346.0		626.5	932.1	821.7	610.9	504.0	468.2	482.7	111%	96%	100%	97%	99%		97%	98%	100%	99%	99%	100%	99%
					1	33.1	53.7	94.0	179.4	330.1		613.1	1056.6	1566.5	1863.5	2071.5	1992.8	490.1	34.3	52.6	99.5	185.5	345.8		623.7	1079.3	1556.7	1910.5	2104.6	2024.7	484.7	104%	98%	106%	103%	105%		102%	102%	99%	103%	102%	102%	99%
					8	5.5	9.1	17.0	30.6	61.4		122.3	243.0	410.7	529.7	537.8	544.6	564.5	6.0	9.4	16.7	29.9	62.7		125.3	241.2	409.2	528.6	541.2	555.0	568.8	110%	103%	99%	98%	102%		102%	99%	100%	100%	101%	102%	101%
					16	4.8	7.6	13.9	24.8	44.3		82.3	156.3	266.8	378.2	450.2	502.6	517.5	4.8	7.9	13.7	24.3	44.0		81.1	154.6	270.5	378.8	451.5	478.6	532.9	100%	104%	99%	98%	99%		99%	99%	101%	100%	100%	95%	103%
					32	4.9	7.8	13.1	22.1	40.4		72.1	125.5	218.6	338.5	423.5	481.7	511.3	4.7	7.8	13.8	24.8	43.6		76.4	134.6	223.9	331.1	436.3	477.3	488.1	96%	101%	105%	112%	108%		106%	107%	102%	98%	103%	99%	95%
			4	128	0	34.9	53.2	98.9	188.5					601.3	571.8				32.0	54.6	100.9	189.7					594.6	572.0				92%	103%	102%	101%					99%	100%				
					1	33.1	54.7	97.6	181.4					613.3	697.4				32.9	51.1	96.7	180.3					596.4	576.8				99%	93%	99%	99%					97%	83%				
					8	6.0	9.7	16.1	31.2					289.7	375.3				6.0	9.1	16.2	30.3					376.0	520.8				101%	94%	101%	97%					130%	139%				
					16	5.0	7.6	13.0	23.2					194.4	268.7				4.8	7.8	13.7	23.9					226.4	326.6				96%	103%	106%	103%					116%	122%				
					32	4.9	7.4	13.2	23.1					132.2	188.3				4.8	7.7	12.7	23.2					146.0	216.2				99%	104%	96%	100%					110%	115%				
				4096	0	33.4	55.0	100.4	180.6	344.7		630.0	931.7	597.5	571.9	523.2	510.2		31.9	55.0	97.6	184.3	350.0		634.1	928.3	600.6	574.0	519.1	506.3		95%	100%	97%	102%	102%		101%	100%	101%	100%	99%	99%	
					1	34.0	54.3	97.8	179.8	346.1		623.3	1081.1	623.8	705.1	651.1	593.7		34.0	56.5	95.3	179.8	341.5		631.7	1066.8	606.8	576.0	532.2	504.0		100%	104%	97%	100%	99%		101%	99%	97%	82%	82%	85%	
					8	6.0	9.6	16.9	30.6	63.7		123.2	241.1	293.6	382.7	439.2	442.8		6.0	9.0	16.9	31.6	63.0		123.9	243.7	374.1	525.1	584.0	610.4		101%	93%	100%	103%	99%		101%	101%	127%	137%	133%	138%	
					16	5.2	7.5	12.9	24.4	43.4		81.4	153.6	200.6	280.3	323.2	311.9		4.9	7.9	13.4	23.4	42.6		83.3	156.1	231.2	339.6	411.4	433.2		95%	105%	104%	96%	98%		102%	102%	115%	121%	127%	139%	
					32	4.8	8.1	14.2	25.4	42.8		72.6	133.6	136.8	196.2	239.0	251.5		5.0	7.6	13.4	23.6	41.8		71.9	131.2	151.3	225.6	285.9	318.9		104%	94%	95%	93%	98%		99%	98%	111%	115%	120%	127%	
				65536	0	33.3	55.4	103.2	181.0	346.7		629.5	937.3	602.7	585.1	536.0	497.4		32.4	54.4	99.7	184.4	347.2		633.4	928.7	591.6	587.0	524.4	501.9		97%	98%	97%	102%	100%		101%	99%	98%	100%	98%	101%	
					1	32.7	53.0	97.1	177.2	331.1		622.3	1057.1	616.7	708.4	643.8	605.7		31.8	52.8	99.8	178.1	345.2		620.4	1056.3	604.5	571.2	533.0	498.9		97%	100%	103%	100%	104%		100%	100%	98%	81%	83%	82%	
					8	5.9	9.8	16.5	31.1	61.0		123.2	241.0	291.3	387.1	436.6	438.1		6.2	9.4	16.4	30.7	60.9		124.5	241.0	375.3	528.8	585.7	609.0		105%	95%	99%	99%	100%		101%	100%	129%	137%	134%	139%	
					16	4.7	7.4	13.1	22.6	42.0		80.1	155.1	200.6	278.5	323.2	322.1		4.8	8.1	13.9	24.1	44.1		83.0	154.3	232.2	341.5	409.0	434.5		101%	110%	105%	107%	105%		104%	99%	116%	123%	127%	135%	
					32	5.0	7.9	12.9	23.6	41.4		71.4	124.4	137.2	196.9	240.2	250.0		4.4	7.6	12.5	22.0	39.9		72.9	131.2	150.5	225.5	286.2	308.0		89%	97%	97%	93%	96%		102%	105%	110%	114%	119%	123%	