

Series No.	Engine Code	Cyl. No.	Position	Size (mm)			Shape	Material	Surface treatment	Reference
				d1(D)	h1(B)	a1(T)				

VOLVO

1	FL 10	1	1st	75.00	2.00	3.10	T1	CR	Fe	
			2nd		2.00	3.10	TUN	CR	Fe	
			Oil		4.00	2.50 (3.65)	E-BC16	CR	W	
2	F6/FL6 (TD60/61)	4	1st	98.43	2.38	4.10	BF	HB	Cr/Fe	
			2nd		3.15	3.30	T1-IB	CR	Fe	
			Oil		4.75	3.10 (4.10)	E-BC16	CR	Cr/Fe	
3	FL6/FL(TD63/ D6)	4	1st	98.43	3.35 (3.105)	4.10	BF-K1-IB	HB	Cr/Fe	
			2nd		2.50	4.10	T1-RB	CR	Fe	
			Oil		3.50	3.10 (4.00)	E-BC16	CR	Cr/Fe	
4	FL7/TD73	6	1st	104.77	2.90 (2.605)	4.30	BF-K1	HB	MO	
			2nd		2.50	4.30	T1	CR	Fe	
			Oil		4.00	2.50 (4.05)	BC16-S	SR	GN	
5	VOLVO TD70/71	6	1st	104.77	2.40	4.30	BF	HB	Out. Cr	
			2nd		3.17	4.30	T1	CR	Fe	
			3rd		3.17	4.30	T1	CR	Fe	
			Oil		4.75	3.60 (4.75)	E-BC16	CR	Out. Cr	
6		6	1st	120.00	3.85 (3.605)	4.85	BF-K1-IC	HB	MO	
			2nd		3.00	4.80	T1-RB	F14	OX	
			Oil		3.00	1.95 (3.55)	BC16-S	SR	GN	
7		6	1st	120.00	3.85 (3.605)	4.80	BF-K1-IC	SR	GN	
			2nd		3.00	4.80	T1-RB	SR	GN	
			Oil		3.00	1.95 (3.55)	BC16-S	SR	GN	

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8	F10(TD101)	6	1st	120.65	2.38	5.50	BF	HB	Out. Cr	
			2nd		3.17	4.60	T1-IC	CR	Out. Cr	
			Oil		4.75	3.50 (4.80)	E-BC16	CR	Out. Cr	
9	F10(TD102)	6	1st	120.65	3.00	4.70	BF	HB	Out. Cr	
			2nd		3.17	4.70	T1	CR	Fe	
			Oil		4.75	3.50 (4.80)	E-BC16	CR	Out. Cr	
10	FL10(TD103)	6	1st	120.65	3.35 (3.105)	5.00	BF-K1-IB	HB	Out. Cr	
			2nd		3.17	4.60	T1-IC	CR	Out. Cr	
			Oil		4.75	3.50 (4.80)	E-BC16	CR	Out. Cr	
11	FM(D11)	6	1st	123.00	3.35 (3.105)	4.50	BF-K1-IB	SR	GN+PVD	
			2nd		2.50	4.30	T1-RB	SR	GN	
			Oil		3.00	1.95 (3.55)	BC16-S	SR	GN	
12	F12(TD121/122)	6	1st	130.18	2.40	6.00	BF	HB	MO	
			2nd		3.17	5.30	T1-IB	CR	Out. Cr	
			Oil		4.75	4.00 (5.50)	E-BC16	CR	Out. Cr	
13	D13	6	1st	131.00	3.35 (3.097)	4.70	BF-K1-IB	SR	GN+PVD	
			2nd		2.50	4.70	T1-RB	SR	GN	
			Oil		3.00	1.95 (3.55)	BC16-S	SR	GN	
14	D12A/C/D	6	1st	131.00	3.85 (3.605)	5.40	BF-K1-IB	HB	MO	
			2nd		3.00	5.30	T1-RB	CR	W	
			Oil		4.00	2.45 (4.20)	BC16-S	SR	GN	

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15	D12A/C/D	6	1st	131.00	3.85 (3.605)	5.40	BF-K1-IB	HB	MO	
			2nd		3.00	5.30	T1-RB	F14	W	
			Oil		4.00	2.35 (4.20)	BC16-S	SR	GN	

