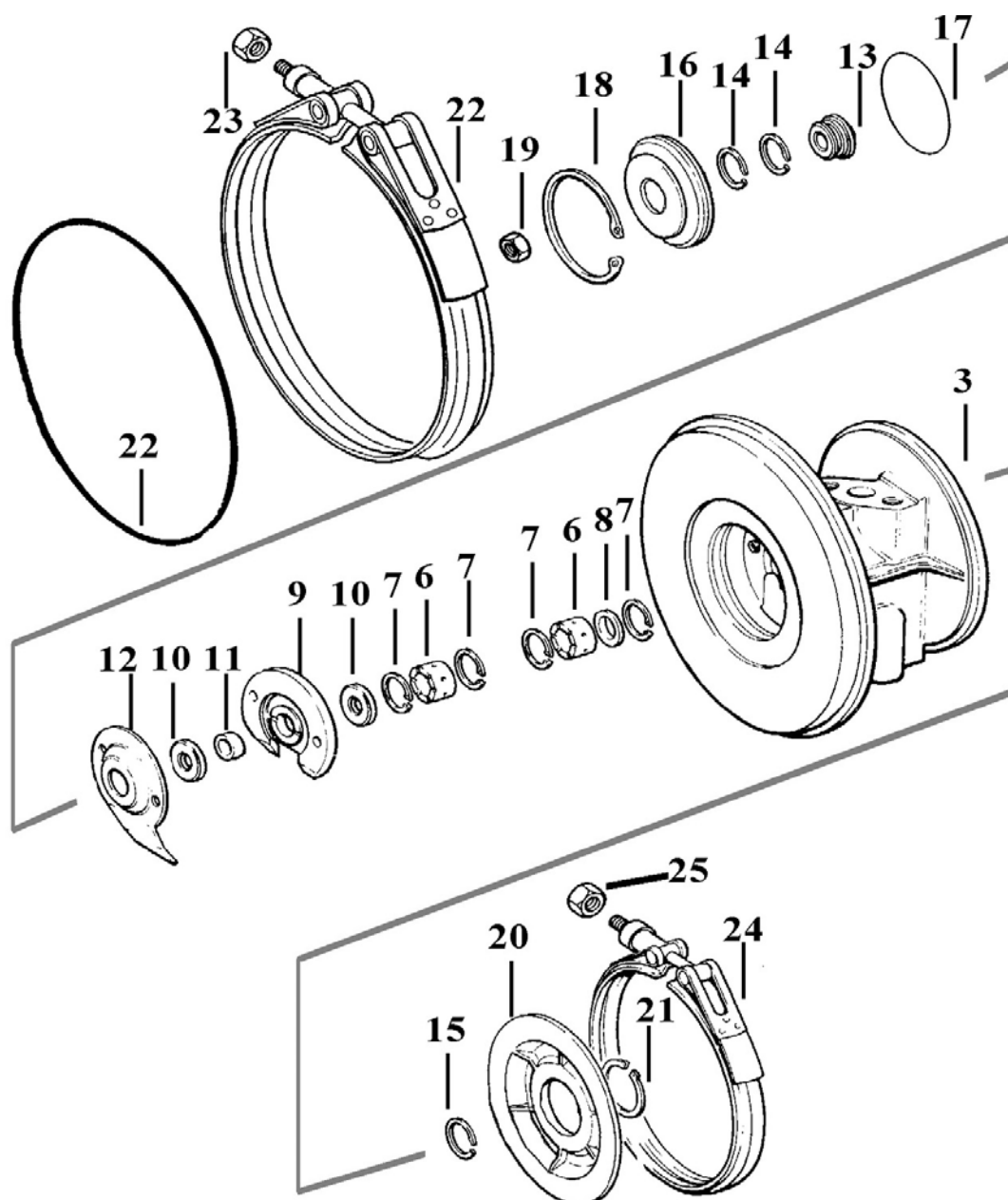


Holset 4LE/F/G Type Turbos

Common Service Parts
Oversize Service Parts
Major Replacement Parts
(Shaft & Wheels, Compressor Wheels etc)

Holset 4LE/F/G Type

Common Service Parts



This illustration is a guide and does not necessarily show all parts accurately

Holset 4LE/F/G Type

Repair Parts & Service Kits

All parts are available for purchase as individual components or in the following popular Repair Kits

Key	Part Description	MELETT Number	Qty Per Turbo	Repair Kit Step Bore 1150-040-750	Repair Kit Step Bore 1250-040-750	Repair Kit smooth bore 1250-040-751	Repair Kit step bore 1301-504-750
6	Bearing	1250-040-100	2	2	2	2	2
7	Snap Ring (Bearing Retainer)	1301-036-140	4	4	4	4	4
21	Snap Ring (Heat Shield)	1250-404-142	1				
17	O Ring (Seal Plate)	1250-030-150	1	1	1	1	1
22	O Ring (Comp. Hsg)	1250-040-155	1	1	1	1	1
15	Piston Ring 0.885" (T) Step	1150-400-160	1	1	1		1
14	Piston Ring 0.875" (T/C)	1150-400-170	2/4		2	4	2
14	Piston Ring 0.750" (C)	1152-303-170	2	2			
10	Thrust Collar	N/A	1				
11	Spacer Sleeve	1301-036-220	1				
10	Thrust Ring	1301-036-240	2				
8	Oil Control Sleeve	1250-040-260	1	1	1	1	1
9	Thrust Bearing	1250-040-320	1	1	1	1	1
19	Shaft nut (RH)	1250-040-350	1	1	1	1	1
	Lock washer	1301-027-580	10				
23	Lock nut v band	1100-120-645	1/2	2	2	2	1
16	Insert	1250-403-300	1				
18	Snap Ring (Insert Retainer)	1250-403-140	1	1	1	1	1
	Shaft nut (LH)	N/A	1				
	Lock plate turbine	N/A	4				
12	Oil Deflector	N/A	1				

**Replace
5232-711-
0004**

Oversize Repair Parts Available

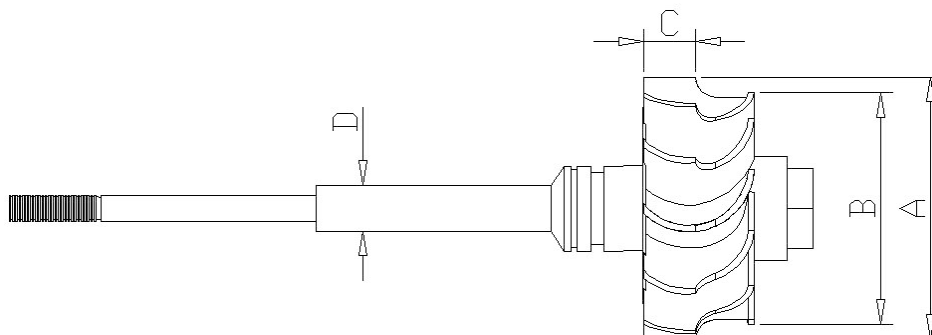
Journal Bearings		
Oversize's Available		Part Number
OD +.010"	ID -.010"	1250-040-120
OD +.010"	ID Std	1250-040-124
OD Std.	ID -.010"	1250-040-127

Piston Rings			
Oversizes Available – Turbine & Comp End			
Description	OD	Width	Part Number
Smooth bore ring 0.875"	+0.010"	Std	1150-400-160
Step bore ring 0.885"	+0.010"	Std	1150-400-180
Compressor ring 0.750"	+0.010"	Std	1150-400-181
Compressor ring 0.750"	+0.020"	Std	1150-400-182
Compressor ring 0.750"	Std	+0.006"	1150-400-183

Holset 4LE/F/G Type

Major Replacement Parts - Detail

Shaft & Wheel

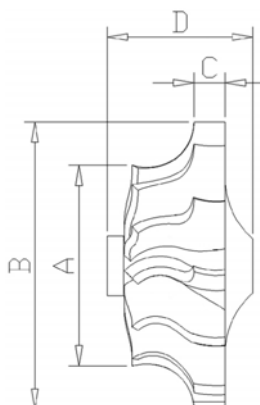


Melett Part No.	To replace	Trim	(A) Inducer Ø mm's	(B) Exducer Ø mm's	(C) Tip width mm's	(D) Shaft OD	Shaft Length (Comp wheel) mm's
1152-303-435	61685 3500433	T3	96.52	86.41	14.66	14.262 - 14.254	83.21
1152-303-436	57175 3502499	T2	96.52	81.12	14.78	14.262 - 14.254	83.06

Note: Melett Shafts fit both flat back and super back applications

Dimension for shaft diameter 'D' are minimum – maximum allowable limits for use with the standard journal bearing. Melett's fully qualified Engineers are available to answer any technical enquiry regarding limits, tolerances, and turbo set-up configurations. Email: Engineer@melett.com

Compressor Wheel



Melett Part No.	To replace	Trim	(A) Inducer Ø mm's	(B) Exducer Ø mm's	(C) Tip width mm's	(D) Overall Height mm's	No. of Blades
1250-040-400	57955	302	62.46	93.73	7.94	36	12
1250-504-401	51382	504	62.59	93.98	6.35	37.29	12

Holset 4LE/F/G Type

Major Replacement Parts – ‘Where Used’

OEM Turbo Part Number	MELETT Repair Kit Part Number	MELETT Shaft & Wheel Part Number	MELETT Insert Part Number	MELETT Comp. Wheel Part Number
53521	1250-040-751	n/a	1250-403-300	n/a
53527	1250-040-751	n/a	1250-403-300	n/a
53577	1250-040-751	n/a	1250-403-300	n/a
53609	1250-040-751	n/a	1250-403-300	n/a
53612	1250-040-751	n/a	1250-403-300	n/a
53847	1250-040-751	n/a	1250-403-300	n/a
53863	1250-040-751	n/a	1250-403-300	n/a
53865	1250-040-751	n/a	1250-403-300	n/a
53880	1250-040-751	n/a	1250-403-300	1250-504-401
53994	1301-504-750	n/a	1250-403-300	1250-504-401
54055	1301-504-750	n/a	1250-403-300	n/a
54078	1250-040-751	n/a	1250-403-300	n/a
54087	1250-040-751	n/a	1250-403-300	n/a
54334	1250-040-751	n/a	1250-403-300	n/a
54485	1250-040-750	1152-303-436	see note 1	n/a
54540	1301-504-750	n/a	1250-403-300	n/a
54541	1301-504-750	n/a	1250-403-300	n/a
54608	1250-040-750	1152-303-435	1250-403-300	n/a
54692	1250-040-750	1152-303-435	see note 1	n/a
54790	1250-040-750	1152-303-436	see note 1	n/a
54801	1250-040-750	1152-303-435	see note 1	n/a
54802	1250-040-750	1152-303-436	see note 1	1250-504-401
54804	1250-040-750	1152-303-436	see note 1	1250-504-401
54848	1250-040-750	n/a	see note 1	n/a
54886	1250-040-750	n/a	see note 1	n/a
54893	1301-504-750	n/a	1250-403-300	n/a
54895	1250-040-751	n/a	1250-403-300	1250-504-401
54921	1250-040-750	1152-303-435	see note 1	n/a
54936	1250-040-751	n/a	1250-403-300	1250-504-401
54937	1250-040-750	n/a	see note 1	n/a
54944	1250-040-750	1152-303-436	see note 1	n/a
54950	1250-040-750	1152-303-435	see note 1	n/a
55038	1250-040-750	1152-303-436	see note 1	n/a
55040	1250-040-750	n/a	see note 1	n/a
55068	1250-040-750	1152-303-435	see note 1	n/a
55203	1250-040-750	1152-303-436	see note 1	1250-040-400

Note 1: Can be replaced by: 1 x **1250-403-300** Insert
2 x **1150-400-170** piston ring
1 x **1150-504-200** Flinger

Holset 4LE/F/G Type

Major Replacement Parts – ‘Where Used’

OEM Turbo Part Number	MELETT Repair Kit Part Number	MELETT Shaft & Wheel Part Number	MELETT Insert Part Number	MELETT Comp. Wheel Part Number
55210	1250-040-750	n/a	see note 1	n/a
55229	1250-040-750	n/a	see note 1	n/a
55262	1250-040-750	1152-303-436	see note 1	n/a
55277	1250-040-750	1152-303-435	see note 1	n/a
55290	1250-040-750	n/a	see note 1	n/a
55307	1250-040-750	n/a	see note 1	1250-040-400
55351	1250-040-750	n/a	see note 1	n/a
55353	1250-040-750	1152-303-436	see note 1	n/a
55356	1250-040-750	1152-303-436	see note 1	1250-040-400
55404	1250-040-750	n/a	see note 1	1250-040-400
55463	1250-040-750	1152-303-436	see note 1	n/a
55475	1250-040-750	1152-303-435	see note 1	n/a
55493	1250-040-750	1152-303-435	see note 1	n/a
55536	1250-040-750	1152-303-435	see note 1	n/a
55538	1250-040-750	1152-303-436	see note 1	n/a
55548	1250-040-750	1152-303-435	see note 1	1250-040-400
55595	1250-040-750	n/a	see note 1	n/a
3500174	1250-040-750	1152-303-436	see note 1	1250-040-400
3500285	1250-040-750	1152-303-436	see note 1	n/a
3500403	1250-040-750	n/a	see note 1	n/a
3500548	1250-040-750	1152-303-435	see note 1	n/a
3500655	1250-040-750	1152-303-436	see note 1	n/a
3500820	1250-040-750	n/a	see note 1	n/a
3501043	1250-040-750	1152-303-436	see note 1	n/a
3501600	1250-040-750	1152-303-435	see note 1	n/a
3501756	1250-040-750	1152-303-435	see note 1	1250-040-400
3502490	1250-040-750	1152-303-436	see note 1	n/a
3502573	1250-040-750	1152-303-436	see note 1	n/a
3502619	1250-040-750	1152-303-436	see note 1	n/a
3502650	1250-040-750	1152-303-436	see note 1	n/a
3502721	1250-040-750	1152-303-436	see note 1	n/a
3503024	1250-040-750	1152-303-435	see note 1	n/a
3503044	1250-040-750	1152-303-435	see note 1	n/a
3503111	1250-040-750	1152-303-436	see note 1	n/a
3503112	1250-040-750	1152-303-436	see note 1	n/a
3503113	1250-040-750	1152-303-436	see note 1	n/a

Note 1: Can be replaced by: 1 x **1250-403-300** Insert
2 x **1150-400-170** piston ring
1 x **1150-504-200** Flinger

Holset 4LE/F/G Type

Major Replacement Parts – ‘Where Used’

OEM Turbo Part Number	MELETT Repair Kit Part Number	MELETT Shaft & Wheel Part Number	MELETT Insert Part Number	MELETT Comp. Wheel Part Number
3503248	1250-040-750	1152-303-435	see note 1	n/a
3503327	1250-040-750	1152-303-435	see note 1	n/a
3503623	1250-040-750	1152-303-436	see note 1	n/a
3503650	1250-040-750	n/a	see note 1	n/a
3503776	1250-040-750	1152-303-436	see note 1	n/a
3503948	1250-040-750	1152-303-436	see note 1	n/a
3503979	1250-040-750	1152-303-435	see note 1	n/a
3504000	1250-040-750	1152-303-436	see note 1	n/a
3504069	1250-040-750	1152-303-436	see note 1	n/a
3504285	1250-040-750	1152-303-436	see note 1	n/a
3504412	1250-040-750	1152-303-435	see note 1	n/a
3504484	1250-040-750	1152-303-435	see note 1	n/a
3504787	1250-040-750	1152-303-435	see note 1	n/a
3504942	1250-040-750	n/a	see note 1	n/a
3504957	1250-040-750	n/a	see note 1	n/a
3518290	1250-040-750	n/a	see note 1	n/a
3518617	1250-040-750	n/a	see note 1	n/a
3518687	1250-040-750	1152-303-435	see note 1	n/a
3518977	1250-040-750	1152-303-435	see note 1	n/a
3519282	1250-040-750	n/a	see note 1	n/a
3519334	1250-040-750	1152-303-435	see note 1	n/a
3519735	1250-040-750	1152-303-436	see note 1	n/a
3519865	1250-040-750	1152-303-436	see note 1	n/a
3519866	1250-040-750	1152-303-436	see note 1	n/a
3520071	1250-040-750	1152-303-436	see note 1	n/a
3520673	1250-040-750	1152-303-435	see note 1	n/a
3521228	1250-040-750	1152-303-435	see note 1	n/a
3521419	1250-040-750	1152-303-435	see note 1	n/a
3521539	1250-040-750	1152-303-435	see note 1	n/a
3521595	1250-040-750	1152-303-435	see note 1	n/a
3521598	1250-040-750	1152-303-435	see note 1	n/a
3521945	1250-040-750	1152-303-436	see note 1	n/a
3521971	1250-040-750	1152-303-436	see note 1	n/a
3522235	1250-040-750	n/a	see note 1	n/a
3522294	1250-040-750	n/a	see note 1	n/a
3522346	1250-040-750	1152-303-436	see note 1	n/a

Note 1: Can be replaced by: 1 x **1250-403-300** Insert
2 x **1150-400-170** piston ring
1 x **1150-504-200** Flinger

Holset 4LE/F/G Type

Major Replacement Parts – ‘Where Used’

OEM Turbo Part Number	MELETT Repair Kit Part Number	MELETT Shaft & Wheel Part Number	MELETT Insert Part Number	MELETT Comp. Wheel Part Number
3522460	1250-040-750	1152-303-435	see note 1	n/a
3522616	1250-040-750	1152-303-436	see note 1	n/a
3522667	1250-040-750	1152-303-436	see note 1	n/a
3522780	1250-040-750	n/a	see note 1	n/a
3522818	1250-040-750	n/a	see note 1	n/a
3522850	1250-040-750	1152-303-436	see note 1	n/a
3522852	1250-040-750	1152-303-436	see note 1	n/a
3523055	1250-040-750	1152-303-435	see note 1	n/a
3523068	1250-040-750	n/a	see note 1	n/a
3523070	1250-040-750	n/a	see note 1	n/a
3523079	1250-040-750	1152-303-436	see note 1	n/a
3523280	1250-040-750	1152-303-436	see note 1	n/a
3523803	1250-040-750	1152-303-436	see note 1	n/a
3523804	1250-040-750	1152-303-436	see note 1	n/a
3523820	1250-040-750	1152-303-435	see note 1	n/a
3523894	1250-040-750	1152-303-435	see note 1	n/a
3525086	1250-040-750	1152-303-435	see note 1	n/a
3525088	1250-040-750	1152-303-435	see note 1	n/a
3525094	1250-040-750	1152-303-435	see note 1	n/a
3525143	1301-504-750	1152-303-436	1250-403-300	1250-040-400
3525144	1301-504-750	1152-303-435	1250-403-300	1250-040-400
3525145	1301-504-750	1152-303-435	1250-403-300	n/a
3525146	1301-504-750	1152-303-435	1250-403-300	n/a
3525147	1301-504-750	1152-303-435	1250-403-300	n/a
3525148	1301-504-750	1152-303-435	1250-403-300	n/a
3525150	1301-504-750	1152-303-435	1250-403-300	n/a
3525151	1301-504-750	1152-303-435	1250-403-300	n/a
3525152	1301-504-750	1152-303-435	1250-403-300	n/a
3525153	1301-504-750	1152-303-435	1250-403-300	n/a
3525154	1301-504-750	1152-303-435	1250-403-300	n/a
3525155	1301-504-750	1152-303-436	1250-403-300	n/a
3525156	1301-504-750	1152-303-436	1250-403-300	1250-040-400
3525157	1301-504-750	1152-303-435	1250-403-300	n/a
3525158	1301-504-750	1152-303-436	1250-403-300	1250-040-400
3525159	1301-504-750	1152-303-435	1250-403-300	n/a
3525160	1301-504-750	1152-303-435	1250-403-300	n/a
3525178	1250-040-750	n/a	see note 1	n/a

Note 1: 1 x **1250-403-300** Insert
Can be replaced by: 2 x **1150-400-170** piston ring
1 x **1150-504-200** Flinger

Holset 4LE/F/G Type

Major Replacement Parts – ‘Where Used’

OEM Turbo Part Number	MELETT Repair Kit Part Number	MELETT Shaft & Wheel Part Number	MELETT Insert Part Number	MELETT Comp. Wheel Part Number
3525351	1250-040-750	1152-303-436	see note 1	n/a
3525692	1250-040-750	1152-303-435	see note 1	n/a
3525707	1250-040-750	n/a	see note 1	n/a
3526708	1250-040-750	1152-303-435	see note 1	n/a
3526955	1250-040-750	1152-303-435	see note 1	n/a
3527192	1250-040-750	n/a	see note 1	n/a
3527650	1250-040-750	n/a	see note 1	n/a
3527751	1250-040-750	1152-303-435	see note 1	n/a
3528089	1250-040-750	n/a	see note 1	n/a
3528317	1250-040-751	n/a	1250-403-300	1250-504-401
3528318	1250-040-750	1152-303-436	see note 1	1250-040-400
3528319	1250-040-750	1152-303-435	see note 1	n/a
3528320	1250-040-750	1152-303-435	see note 1	n/a
3528321	1250-040-750	1152-303-435	see note 1	n/a
3528322	1250-040-750	1152-303-435	see note 1	n/a
3528323	1250-040-750	1152-303-436	see note 1	1250-040-400
3528324	1250-040-750	1152-303-436	see note 1	n/a
3528325	1250-040-751	n/a	1250-403-300	n/a
3528326	1250-040-750	1152-303-435	see note 1	n/a
3528328	1250-040-750	1152-303-436	see note 1	n/a
3528329	1250-040-750	1152-303-436	see note 1	n/a
3528557	1250-040-750	n/a	see note 1	n/a
3530870	1250-040-750	n/a	see note 1	n/a
3531479	1250-040-750	1152-303-435	see note 1	n/a
3531564	1301-504-750	1152-303-436	1250-403-300	n/a
3533020	1250-040-750	1152-303-435	see note 1	n/a
3533050	1301-504-750	1152-303-435	1250-403-300	n/a
3535128	1301-504-750	1152-303-435	1250-403-300	n/a
3545135	1301-504-750	1152-303-436	1250-403-300	n/a
3545168	1301-504-750	1152-303-435	1250-403-300	1250-040-400
3545169	1301-504-750	1152-303-435	1250-403-300	1250-040-400
3545254	1250-040-750	n/a	see note 1	n/a
3545336	1250-040-750	n/a	see note 1	1250-040-400
3545515	1250-040-750	1152-303-435	see note 1	n/a
3545572	1250-040-750	n/a	see note 1	n/a
3545620	1250-040-750	n/a	see note 1	1250-040-400
3545625	1250-040-750	n/a	see note 1	n/a
3545741	1301-504-750	1152-303-435	1250-403-300	n/a
3545742	1250-040-750	1152-303-436	see note 1	1250-040-400
3545763	1250-040-751	n/a	1250-403-300	1250-504-401
3575293	1250-040-750	1152-303-436	see note 1	n/a