



















PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL	A	B	C	D	E	F	SHAPE	BENARA PART NO.
BEDFORD								120
BEDFORD	78.867/78.994	82.626				165.100	S2	L-1200079
214	85.344/85.217	89.789				178.880	S2	L-1200085
200/300	98.400	104.706	112.000	4.877		215.392	S1	L-1200098
EEP 220/330	102.539/102.793	108.077	111.048/110.921	4.711		215.646	S1	L-1200102
EEP220/330	102.539/102.793	108.077				216.154	S2	L-1201102
J-6	102.413/102.159	105.664	108.204	1.575		215.900	S1	L-1202102
381	104.267/104.394	108.547				231.14/230.632	S2	L-1200104
CASE								121
CASE	92.075	103.505	114.25	8.000	3.556	205.130	S4	L-1210092
G188D	96.838/96.812	108.549	115.189	6.274	1.016	188.163	S4	L-1210097
CASE	99.505/99.632	105.105				212.500	S2	L-1210099
CATERPILLAR								122
CATERPILLAR	114.350	131.180	139.116	10.236	1.168	263.779	S4	L-1220114
CATERPILLAR	120.650	134.338	142.875	10.300	1.166	254.940	S40	L-1220120
CATERPILLAR	137.160							L-1221137
CUMMINS								123
NHE 180/195, NHK 180/200/205/220 NH 200 BD/220 BD/205 BD NK 743-B-205, NK 743-B-220 NH 743-C-220	130.163	145.872	155.664	11.176	1.778	303.378	S40	L-1230130
E 290, NTC 250/250S, NTC 290, NHT 270, NHTC-CT, NH 230 NHC 250, N855 C 160/-190/-220/-230/ -250/-255/- NT 310, NTC 270CT, NTC 290R, NTC 350/355, NT 270, NT 288 290, 355, 380, 400, 855, NTA 288, 855, NTC 280, 310, 335/350, 365, N 855 P- 160/175/190/220/250, NT 855 C -335/ 288, NTA 855 C-380/310/360 FORMULA 250 / 290, POWER TORQUE 270 / 300D / 330D	139.700	155.499	166.716	9.042	1.778	295.681	S40	L-1230139
K SERIES	158.737	177.290	190.36	13.380	1.730	305.000	S40	L-1230158








PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
DAF								124
Motor 688, 1108 CCM, 33/34, 5KW (45/47 PS DIN) Fehrzzeug DAF 55 deluxe, DAF 55-Coupe, DA F66-Coupe DAF 66 -Kombi, 1967-75	70.000	75.478	85.748	7.000		135.000	S47	L-1240070
Motor P6-4730cc model OV 110, P358, A110, P 406-P325-A1300-P360 406-468-T1300-P265-B1300-P468- G1500-P533	88.900	93.600	94.400	4.700		215.900	S1	L-1240089
4.77 litre, D 475 Direct Injection Diesel Engine 6 Cyl.	100.609	105.666	115.214	8.080		210.210	S1	L-1240100
D575/DS575M 1600, 1800, 1900	100.615					260.000		L-1241100
5.76 Litre, DD575, normally aspirated & Turbocharged Diesel Engine 6 Cyl.	100.627	105.666	115.202	12.748		238.783	S1	L-1242100
DF/DT/DTD 615	104.175					260.000	S1	L-1240104
6.17 litre, DF, DT, DTD, Direct Injection Diesel Engine 6 Cyl.	104.176	108.984	117.041	8.090		238.760	S1	L-1241104
615	104.180	109.000	117.064	5.372	3.700	239.573	S4	L-1242104
DH825	118.000					315.000	S1	L-1240118
8.25 Litre, DU825, DM825, Engine Type DU, DHR, DHT, DHB, DHS, DHV 825, DHU, DHTD, model FA, FAR, FT, M2000, FAS, FAT, FA, FARS, FIRS, FIT, FAZ, FMT, FMT22000, FMFT2000, FT, FA, FAR2300 6Cyl.	118.000	123.489	133.896	10.061		262.202	S1	L-1241118
825, 825 (TURBO CHARGED)	118.000	124.020	133.650	10.050	5.500	262.000	S4	L-1242118
DKS/DKSE/DKXE	130.000					365.000	S1	L-1240130
11.62 Litre, DK1160, DKA1160, DKS, DKB1160 & DK71160 Diesel Engines All models Normally Aspirated end Turbocharged 6 Cyl.	130.000	136.006	143.873	10.061		288.236	S1	L-1241130
1160/DK/DKB/DKA/DKL/DKLD/DKSE/ DKS/DKVL/DKSB/DKFL/DKXE/ATI, WS 242 G, WS 268, G WS 295 G, WS 225, WS 259, WS 282	130.000	136.260	143.600	10.050		288.300	S1	L-1242130







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL	A	B	C	D	E	F	SHAPE	BENARA PART NO.
DAIHATSU								125
CL	76.000					131.800		L-1250076
CLT	76.000					140.000		L-1251076
DAIHATSU	80.01/79.756	84.620				143.967	S1	L-1250080
DE/DV22	85.000					181.000		L-1250085
DG	87.478/87.732	93.154	96.977	3.035	0.953	181.991	S4	L-1250088
DG/DV32L	88.000					182.000		L-1251088
DG	88.075	93.154	96.977	3.035	0.953	181.991	S4	L-1252088
DL	91.313/91.567	96.012	100.635	3.035	0.953	178.000	S4	L-1251092
DL	92.088	96.012	100.635	3.035	0.953	178.000	S4	L-1252092
DAIHATSU	101.6/101.346	106.083	111.81	2.540	1.150	190.170	S4	L-1250101
DAIHATSU	102.000	106.070	111.684	2.540	1.150	190.170	S4	L-1250102
EICHER								126
1959 - 76 981cc, EDK1 Engine, 1Cyl. 1962cc, EDK2 Engine, 2Cyl. 2944cc, EDK3 Engine, 3Cyl. 3927cc, EDK4 Engine, 4Cyl. 5890cc, EDK6 Engine, 6Cyl.	100.000	109.000				242.300	SPEC.	L-1260100
EICHER	110.000	126.000	132.000	16.000		305.000	SPEC.	L-1260110
1960 on 1550 cc, ED 1 D, 1 Cyl. 3114 cc, ED 2 D, 2 Cyl. 4671 cc, ED 3 D, 3 Cyl. ED 22, ED 40, ED 50, ED 60	115.000	131.000	135.000	16.000		281.000	SPEC.	L-1260115
ESCORTS (URSUS)								127
430/435 3 Cyl.	91.000	106.000	116.000	11.000	1.100	204.000	S18	L-1270091
1960cc, OHV, 5.312 D, 2 Cyl. Tractors 330, 335	102.000	116.000	122.650	9.650	0.250	226.000	S17	L-1270102
340 3 Cyl.	105.000	120.000	130.000	11.100	1.100	216.000	S18	L-1270105
2280 cc OHV, E 2.228, 2 Cyl. 3420 cc OHV, E 3.342, 4Cyl. Tractors 345, 355	110.000	124.000	130.650	9.650	0.250	225.000	S17	L-1270110







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL	A	B	C	D	E	F	SHAPE	BENARA PART NO.
FIAT								128
633 cc OHV, 100.000 Engine Models-600, Multipla 1955-61. 4 Cyl.	60.000	64.021				115.000	S 2	L-1280060
767 cc OHV, 100D.000 Engine. Models 600D, E.T. Multipla 750T. 1961-70 4 Cyl.	62.000	66.027				110.000	S 2	L-1280062
614.01 / 615 D	85.900					178.000		L-1280085
8144.67, Diesel Motor 2499 ccm 55 KW (75 PS) 8144.91.200 Diesel Motor, 2455 ccm 6/73.5 KW(90/110 PS) 8144.97.2200 TCA Diesel Motor, 2500 ccm 87 KW (118 PS) 8142.61/8144.61 Diesel Motor 2445 ccm 53 KW (72 PS)	93.000	96.000	98.900	5.000		167.300	S 1	L-1280093
8140.61.200/ 230/ 300 Diesel Motor 2455 ccm 53 KW (72 PS)	93.000	96.000				167.000	S 2	L-1281093
852A/8025.01,8035.01, 8045.01	95.000					187.000		L-1280095
8025.02,8035.02,8045.02	100.000					187.000		L-1280100
8035.06,8045.06,8065.06	100.000					196.000		L-1281100
8035.04,8045.04,8055.04, 8065.04	103.000					187.000		L-1280103
8035.04,8045.04,8055.04	103.000					187.000		L-1281103
8035.05,8045.05	104.000					198.000		L-1280104
8065.250	104.000					198.000		L-1281104
9161 CC, Engines 200.000 and 220 H.000, 309, 340, 409 BUSES 643 N/N1/T/E/P/E Diesel. 1961 on 6 Cyl.	120.000	125.000				259.999	S 2	L-1280120
9819 CC 8200-02A, 8200-12 & 8205.02 Engine Models 684, 690, 308, 343, 418, 331, Also Tractors FR 12c, AD, BD, FL14, 14B/C 150C 1969-74, 6 Cyl.	122.000	128.020	132.000	6.025		233.985	S 1	L-1280122
As above Cyl. Liner, but 0.0020 (0.05 mm) Oversize O/D	122.000	128.069	132.000	6.025		233.985	S 1	L-1281122
As above Cyl. Liner but 0.0100 (0.25 mm) Oversize O/D	122.000	128.272	132.000	6.025		233.985	S 1	L-1282122
1158 cc, 221.000 Engine Models: 682N3, 682T3, 690 N1, 690T1, 690N3, 306/3 Bus Diesel 1960-66, 6 Cyl.	130.000	136.020				282.000	S 2	L-1280130







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
 MAKE - MODEL	 A	 B	 C	 D	 E	 F	SHAPE	BENARA PART NO.
12883 cc, 221.000 & 621.001 Engine Models: 693 NP, NB, T, N1, 619 N.T. Also Tractors AD 18, B D18, 180C, Diesel, 1965-70. 6 Cyl.	135.000	141.020				286.000	S 2	L-1280135
From 1981 13797 CC, 8210.02, 8210.12 8215.02 N.A. Engines, 1999 on Also 8210.22.000 Turbocharged Engine	137.000	143.020	147.000	6.025		282.000	S 1	L-1280137
FORD & FORDSON								129
EUROPE 100E	63.119/62.865	66.738				161.925		L-1290063
EUROPE 1117 C.C. (D) [SLOTTED]	72.9/72.69	77.175				119.615		L-1290072
FORD	78.993/78.866	82.639				204.540		L-1290078
EUROPE	78.867/78.994	82.626				165.100		L-1291078
FORD [BRITISH] 105E, KENT 1100 / 1300	80.188/80.06	84.214				123.825		L-1290080
EUROPE 751M	80.569/80.315	84.239	85.522	3.048		123.825		L-1291080
EUROPE PRE-X-FLOW	80.57/80.44	84.214	85.649	3.302		140.335		L-1292080
EUROPE 105E	80.569/80.442	80.226				140.581		L-1293080
EUROPE 751 M-X-FLOW (D)	80.604/80.477	84.226				149.860		L-1294080
EUROPE 1.6 OHV (D)	80.604/80.477	84.226	87.236	4.890		149.860		L-1295080
1960-68, 997cc OHV, Anglia 105 E, Perfect 107 E Engines 1961-62, 1340cc OHV, Classic 315, Capri 335, 109 E Engines 1963-68, 1198cc OHV, Anglia Super, Cortina 113 E Engines 1967, 1293cc OHV, Cortina Deluxe, 3104 E Engines. 1968 on, 1090cc OHV, Escort 1100, Export Cortina 1100 711 M, 2733 E Engines 1968 on, 1298cc OHV, Cortina, 1300, Escort 1300, Escort 1300 GT. Capri 1300., Capri 1300 GT, Escort Sport 711 M, 2735 E Engines, 4Cycl.	80.950	84.214				123.825	S 2	L-1296080
Flanged Liner for above	80.950	84.214	85.649	3.175		123.825	S 1	L-1297080
1963-65, 1499cc OHV, Classic, Capri Cortina Super 116 E, Corsair 120 E, 4 Cyl. 1963-66, 1490cc OHV, Capri, Cortina, Corsair G.T., 122 E, 4 Cyl.	80.950	84.214				140.335	S 2	L-1298080
Flanged Liner for above	80.950	84.214	85.649	3.175		140.335	S 1	L-1299080
1968-72, 1599 cc OHV, Cortina 1600 1600 GT, Capri 1600, 1600 GT. Mexico, 711 M, 2737 E Engines, 4 Cyl.	80.985	84.214				150.368	S 2	L-1291180







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
MAKE - MODEL	A	B	C	D	E	F		
Flanged Liner for above	80.985	84.214	87.236	4.763		150.368	S 1	L-1291280
1939-52, 120 Tractor Engine, 4 Cyl.	80.985	85.489	86.614	1.575		165.100	S 1	L-1291380
As above, but 3.2675" (82.995mm) on O.D.	80.985	82.995	85.598	1.168		165.100	S 1	L-1291480
CONSUL 1703 C.C.	82.042/82.169	85.827				153.162		L-1290082
EUROPE FORD TWIN OHC (D)	82.169/81.915	85.802	87.109	3.302		140.080		L-1291082
1965-70, 1588cc Twin OHC, Lotus Cortina 1968-71, 1558cc, 8 Cyl.	82.550	85.801	87.249	3.302		140.335	S 1	L-1292082
1956-66, 1703cc OHV, Consul Mk II, Consul 375, Zephyr 4, 4 Cyl. 2553 cc OHV, Zephyr 6, Zodiac, 6 Cyl.	83.550	85.814				153.195	S 2	L-1290083
1953-54, Tractor 134 Engine, 4 Cyl.	87.376	92.723	95.047	0.455		177.597	S 1	L-1290087
1593cc OHC, 1600, 1600 Essex Engine 1975 on Transit 4 Cyl.	87.650	91.399				123.546	S 21	L-1291087
1970 on 1593 cc OHC, Cortina GT 1600 1973 on OHC, Capri GT, Cortina L, XL	87.650	91.478				123.546	S 2	L-1292087
EUROPE 1.6 OHC(D)	87.3/87.173	91.425				123.393		L-1293087
EUROPE	88.341/88.442	93.726	94.380	4.718		215.900		L-1290088
EUROPE DEXTA	88.417/88.544	93.739				216.154		L-1291088
2360cc OHV, Dexta Tractor Diesel, 3 Cyl.	88.925	93.713				215.900	S 2	L-1290089
EUROPE	88.925	93.688	94.380	4.763		215.900		L-1291089
EUROPE *(OVER SIZE ON O/D UPTO 0.100" IS AVAILABLE)	90.5/90.754	93.725	96.660	3.810		215.900		L-1290090
1970 on 1993 cc, Cortina 2000(All - Versions) Escorts RS. 2000, Taurus 2000, Consul 2000 OHC	90.800	94.094				137.008	S 2	L-1291090
EUROPE (FORD 2 LIT) (D)	90.424/90.17	94.046/94.021				137.500		L-1292090
EUROPE 2500 DEXTA	90.983/90.11	93.777				215.900		L-1293090
2500 cc Super Dexta Tractor, 3 Cyl.	91.491	93.764				215.800	S 2	L-1290091
U.S.A.	91.567/91.44	96.939/96.913				169.862		L-1291091








PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
 MAKE - MODEL	 A	 B	 C	 D	 E	 F	SHAPE	BENARA PART NO.
1972 on, 2358cc York Diesel Engine- 75, 90, 115, 130, 150, 175, Van 100, 150, 4/6 Cyl. 1972 on 3537 cc. York 3.6 Litre, 'A' Series, 6 Cyl.	93.645	96.940				171.450	S 2	L-1290093
As above Liner, but + 0.020" (+0.508mm.) oversize on OD	93.645	97.447				171.450	S 2	L-1291093
1966 on 1663 cc OHV, Corsair Deluxe 2601 E V4 Engine, 4 Cyl. 1996 cc OHV, Corsair GT, Zephyr 4 Mk IV, Corsair 2000, 2000 E, Capri 2000 GT, 2602 E, V 4 Engine, 4Cyl. 2495 cc OHV, Zephyr 6 Mk IV, 2603 E, V 6 Engine, 6Cyl. 2994 ccOHV, Zodiac Mk IV Executive Capri, 3000 E, Capri 3000 GT, 2604 E, V 6Engine, 6 Cyl.	93.647	97.422				136.144	S 2	L-1292093
FORD ESSEX	93.266/93.139	97.409				136.144		L-1293093
FORDSON-330	99.619/99.365	108.864				218.694		L-1290099
EUROPE 'D' SERIES	99.365/99.619	109.397	112.268	4.635		218.186		L-1291099
330cu.in., 'D' Series, 6 D, 2703 E Vertical, 2708 E inclined Diesel, 1965-67, 6 Cyl.	100.000	108.890				218.440	S 2	L-1290100
Flanged Liner for above, and oversize on O.D.	100.000	109.385	112.395	4.890		218.440	S 1	L-1291100
1952-57, 3610 cc OHV, Major Tractor, Vaporising Oil 1953-57, 3610 cc OHV, Cost Cutter, 1.5 - 4 Ton, Petrol, 4 Cyl. 1952-56 OHV Thames, 1.5 - 4 Ton, Major, Tractor, Diesel, 4 Cyl. 1957-61, 3610 cc OHV, 4 D Thames Trader, 1.5 - 5 Ton, 592 E, to Engine No. 23448, Major, Power Major, Super Major Trctor to Engine No. 1591022, 4 Cyl. 5146 cc OHV, 6D, Thames Trader, 4 - 7 Ton, 590 E to Engine No. 66081, Diesel, 6 Cyl.	100.000	109.220	117.399	11.176	0.622	222.758	S 12	L-1292100
1961 on 3610 cc OHV, 4 D, Thames - Trader, 1.5-5 Ton 592 E, from Engine No. 23449, Major, Power Major, Super Major - Tractors, from Engine No. 1591023, Diesel, 4 Cyl. 5416 cc OHV, 6D, Thames Trader, 4-7 Ton, 590 E from Engine No. 66082, Diesel, 6 Cyl.	100.000	111.760	119.634	11.176	0.584	222.834	S 12	L-1293100
TRADER 100MM SUPER MAJOR 100 MM [FORDSON MAJOR]	100.000	111.760	119.583	11.176	0.635	222.885	S12	L-1294100
EUROPE 592E	100/100.025	108.635	117.374	11.163	0.585	222.758		L-1295100
1955-64, 172 Engine, 4 Cyl.	101.600	104.153	107.798	4.610		175.768	S 1	L-1290101







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
	A	B	C	D	E	F		
1965 on 4 D "240" D Series, 2701, E Vertical, 2706 E Inclined, Diesel, 4Cyl., 6 D, "360" D Series, 2704 E Vertical, 2709 E Inclined Diesel, 6 Cyl.	104.775	108.864				218.440	S 2	L-1290104
Flanged Liner for above	104.775	109.385	112.395	4.763		218.440	S 1	L-1291104
1968 on, 360, D 800, D 900, D 1000, DT 1500 R Series, Turbocharged Diesel	104.775	108.590	112.586	4.763	0.699	219.710	S 4	L-1292104
Semi Finished Liner for above	104.775	108.712	112.586	4.763	0.699	219.710	S 4	L-1293104
FORDSON 4D,6D CL85	104.394/104.140	108.864				218.694		L-1294104
FORDSON 4D /6D	104.394/104.140	109.372	112.395	4.762		218.694		L-1295104
1965 on 158 cu.in., Dexta Tractor Series 6Y, 3 Cyl., Diesel 1965 on, 175 cu.in., Super Dextra Tractor 3000 Series 6Y, 3Cyl., Diesel 1965-68, 256 cu.in., Super Major Tractor 5000, Series 6Y, 4 Cyl. Diesel 1975 on, 175 cu.in., 3600, 333, Series 7A, 3 Cyl. Diesel 1975 on, 256 cu.in., 5600, Series 7A 4 Cyl. Diesel 1975 on, 158 cu.in., 2600, 233, Series 7A, 3 Cyl. Diesel 180 cu.in., 4100 Series, 7A, 3 Cyl.,	106.680	110.782				209.550	S 2	L-1290106
FORD DEXTA 2000	106.299/106.045	110.782				209.550		L-1291106
FORD 2715E,2711/2/4/5E (O/S ON O/D IS AVAILABLE)	106.883/106.782	111.430				212.370		L-1292106
4161 cc OHV, 254 cu.in. 255/4, 2712 E 1969 on, 6224 cc OHV, 380 cu.in., 380/6, 2715 E Diesel Engine, 6 Cyl.	107.213	111.387				212.725	S 2	L-1290107
8.36 Litre, V8, 510 Engine (Perkins), DT 1700 Diesel, 8 Cyl.	107.950	113.195	116.713	2.591	0.635	226.060	S 4	L-1291107
FORD DEXTA-5000 [DEXTA] FORD 3610,4000 TRACTOR *OVER SIZE ON O/D.UPTO 100"[2.54 MM] IS AVAILABLE [FORD TRACTOR BSD332]	111.379/111.125	114.432	120.345	2.540		208.534		L-1290111
1968 on 201 cu.in., Series 6Y, Major 4000 Tractor, Series 7A, 4600, 3 Cyl. 1968 on 256 cu.in., Series 6Y, Major 5000 Tractor, Series 7A, 6600, 6700, 4 Cyl. 1971 on 256 cu.in., Dexta Tractor, Series 6Y, 7000, Series 7A, 7600, 7700, Turbo-Diesel, 4Cyl. 1972 on 401 cu.in., Dexta Tractor, Series 6Y, 8000, Series 7A, 8600, 8700, 6Cyl. NA Diesel 9600, 9700, 6 Litre Dover Engine.	111.778	114.432	120.421	2.565		208.280	S 1	L-1291111

PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
	A	B	C	D	E	F		
1968 on 201 cu.in., Series 6Y, Major 4000 Tractor, Series 7A, 4600, 3 Cyl. 1968 on 256 cu.in., Series 6Y, Major 5000 Tractor, Series 7A, 6600, 6700, 4 Cyl. 1971 on, 256 cu.in., Dexta Tractor, Series 6Y, 7000, Series 7A, 7600, 7700, Turbo Diesel, 4 Cyl. 1972 on 401 cu.in., Dexta Tractor, Series 6Y, 8000, Series 7A, 8600, 8700, 6Cyl. Na Diesel 9600, 9700, 6 Litre Dover Engine. (0.01" Over Size on OD)	111.778	114.680	120.400	2.570		208.500	S 1	L-1292111
As Above, but 0.100" Oversize on OD	111.778	116.970	120.400	2.570		208.500	S 1	L-1293111
As Above, but 0.100" Oversize on OD and Without Flange	111.778	116.970				208.500	S 2	L-1294111
HINO								130
DM 100	90.000	104.500	109.970	9.068	0.892	198.500		L-1300090
DQ 100	92.075	105.486	110.947	9.080	0.838	198.628		L-1300092
EC 100	97.000	110.388	116.947	10.080	0.892	205.994		L-1300097
HINO	101.6/101.346	106.083	111.810	2.540	1.150	190.170		L-1300101
HINO	102.000	106.070	111.684	2.540	1.150	190.170		L-1300102
W04D / W06D	104.051	106.955/106.975	111.970	8.027	0.670	200.900		L-1300104
W04D / W06D	104.051	106.975/106.995	111.970	8.027	0.670	200.900		L-1301104
4 DW F/F	104.024	107.000	111.950	8.075		201.000	S 1	L-1302104
EH 100	105.000	109.975	115.000	8.000	0.800	206.000		L-1300105
EH 700	110.071	112.96/112.98	117.950	8.000	0.800	204.00		L-1300110
EH 700	110.071	112.98/113.00	117.950	8.000	0.800	204.000		L-1301110
EF 300 / 350	132.000	151.000	161.900	13.590	0.800	247.525		L-1300132
EF 500 / 550	135.000	153.035	164.845	13.590	0.800	247.650		L-1300135
EF 750	136.920	153.035	165.000	12.115	0.800	247.525		L-1301136
EK 100	137.000	152.950	163.900	12.000	1.000	267.000		L-1300137

PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
HILLMAN								131
1265 C.C.	64.706/64.58	68.834				165.887		L-1310064
1390 C.C.	75.819/75.692	79.985				152.654		L-1310075
1295 C.C.	78.219/78.092	82.347				133.985		L-1310078
HUNTER / HUMBER 1496 C.C.	80.904/81.158	85.826				152.400		L-1310080
INTERNATIONAL								132
OHV, B250, TDC 5, B 275 Tractor, BD 144, Diesel Engine, 4 Cyl.	85.725	93.675	101.702	5.817		179.388	S 13	L-1320085
DD 74 Diesel Motor 1217 com DD/DU111 Diesel Motor 1825 ccm 17.5-25.5 KW (24-35 PS) Tractor 323, 324, 326	87.312	95.250	104.000	5.770		179.400	S 10	L-1320087
DD/DU148D Diesel Motor 2434 ccm 27/28.5 KW (36.5/39 PS) 436, 439, DTDS	87.312	95.250	103.300	5.800		179.400	S 10	L-1321087
B 414 Tractor, BD 154 Engine, to Serial No. 57678, Diesel, 4 Cyl.	88.900	96.584	101.702	5.817		185.738		L-1320088
B 414, B 434 Tractor, BD 154 Engine, from Series No.57679, Diesel, 4 Cyl.	88.900	97.089	101.496	5.817		185.738	S 13	L-1321088
C 263 Petrol Engine 656, 706,2556,2706, 3600A,3800, 3850 Tractors Loaders H 30 B, Pickers from /N 32460, 416,414 420, 422, 4 Cyl. D 188 Engine, Wheel Tractors 504, 2504,3514, Loader H 25 B, 4 Cyl. D 236 Engine, Wheel Tractors 560, from Ser. No.6766, Cyl. 660 from Ser. No. 4370 D 282 Engine, Wheel Tractors 656, 2656, 706 2706, 3600 A, 3800, 3850, Combines 151, 181, 403,503, 615 Crawler Tractors TD 662, TD 992,TD 9 B, H 50 A, L 150 Loaders, Cotton Pickers 214, 220,414,416,420,422 6 Cyl.	90.551	93.675	102.946	48.133		196.964	S 1	L-1320090
From Engine Nos. 12094, 16222, 71779	93.663	96.876	98.374	1.753		193.675	S 1	L-1320093
1966 on 2533 cc. D 353, D423, UD 155 Engines, 3 Cyl. 1965-72, 3382 cc, D624/A Tractor Type BD 100 B, DD 206, UD 206 Engines 4 Cyl. 1965 on , 5070 cc, D310, UD 310, Engines 6 Cyl.	98.425	110.637	119.000	7.714	1.034	201.168	S 22	L-1320098

PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
	A	B	C	D	E	F		
1965-72, 2933 cc, D 523, DD 179, UD 179 Engines, 3Cyl. 1967 on, 3910 cc, D 724/A-D 824/A DD 239 Engines, 4Cyl. 1965 on, 5860 cc, D 358, UD 358 Engines 1972 on, DT 358 Turbocharged, 6 Cyl.	98.425	110.637	119.000	7.714	1.035	216.035	S 22	L-1321098
D 268, 844/845, 884, D-246, 784	100.000	110.700	119.000	7.730	1.100	216.100	S 12	L-1320100
Super M, Super MTA, Super W6 Power Unit U 6, C 264, 400, W 400 to Series No.31239,Farmall Super BMD Super BT D 6, BT D 100,Super BWD 6, B 450,BD 264	101.600	107.963	113.792	4.775		257.175	S 3	L-1320101
BT D 6, BD 281, B 614, B634 Diesel Engine, 4 Cyl. also suitable for conversions from 4" to 4.125" bore for models: Super M, Super MTA, Super MV, Super W 6, Power Unit U 6, C 264, 400, W 400 to Serial No. 31239	104.775	107.963	113.792	4.775		257.175	S 3	L-1320104
ID 9, OD 9, TD 9,W D 9,WDR 9 to Engine No.26500 Power Unit UD 9, To Engine No.21500, Diesel, 4 Cyl. IDA 9, OD 9 A, TD 9 A, WDR 9 A, from Engine No. 28500, Power Unit UD 9 A, after Engine No. 21500, Diesel, 4 Cyl.	111.760	118.123	123.749	5.944		301.625	S 1	L-1320111
Semi Finish Liner for above	111.760	118.110	123.825	5.951		301.625	S 1	L-1321111
Super Series WD 9,WDR 9, TD 9, R 91 Series 600 D, Power Units UD 91, D350 UD 350, 4 Cyl., Diesel Power Unit UD 525, 6 Cyl.	114.300	120.650	130.175	5.740		301.625	S 4	L-1320114
ISUZU								133
4ECI MODEL : JTD	74.803/75.057	80.048				137.795		L-1330074
C 201	82.5/82.63	87.076				164.846		L-1330082
C 240	85.6/85.4	90.160	94.000	4.000		178.000		L-1330085
1969 on 2369cc., C 240 Diesel Engine, 4Cylinder	86.000	90.134	84.005	3.962		178.130	S 1	L-1330086
C 223	87.5/87.3	92.160	95.000	4.000		163.000		L-1330087
C 223, Diesel Motor 2238 com	88.000	92.200	96.000	5.000		170.000	S 1	L-1330088
4JAI,KB 250D (SWB) KB 250 DLE, KB 250 D(LWB) KB 250 D 4 x 4	93.000	98.000	102.000	4.000		156.300	S 1	L-1330093
4 JBIT, KB 280 Turbo Diesel	93.000	98.000	101.900	4.000		181.000	S 1	L-1331093







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
	A	B	C	D	E	F		
 4 BA1	98.000	101.040	108.000	1.420		180.850		L-1331098
DA 120	100.000	112.979	118.572	8.150		220.000		L-1330100
1980 on, 4 BD 1, UMBD 1, UM 4 BD 1 T KS 12, KS 22, KS23, Diesel, 4 Cyl.	102.000	105.030	111.094	1.400		203.960	S 1	L-1330102
4 BC2	102.000	105.030	111.940	1.400		187.170		L-1331102
4 BD1	102.000	105.030	111.094	1.400		203.960		L-1332102
DA 640	102.000	114.500	118.700	8.200		227.600		L-1333102
JOHN DEERE								135
3164D, 4202D, 6303D 1020 TO 074999	98.000	107.550	123.000	6.880	0.080	197.150	S 19	L-1350098
3164D, 4202D, 6303D 075000 080599	98.000	107.580	123.000	6.080	0.080	197.150	S 12	L-1351098
JOHN DEERE	98.040	114.980	122.960	6.045	0.889	196.977		L-1352098
3164 DL 03, 2687 cc, 3 Cyl Direct Injection 1968 on, Power Units 3164D, Tractors 890,1035 1120, 1830,2040,2120, Tractors 830,930,1030 1130, 1520	102.000	111.000	125.000	6.000	0.750	197.000	S 19	L-1350102
JOHN DEERE	102.108	117.856	124.968	6.045	0.889	196.977		L-1351102
3239 DLO 1, 2938 cc, 3 Cyl., Tractors 940 1040 1140,1630,4239 DLO 1,3918 cc. 4Cyl. Tractors 2040,2130,2140,1640,1840,2040 S 6359 DLO 1,5876 cc, 6 Cyl. Tractors 3040, 3140, 112CV	106.500	115.600	126.000	6.000	0.650	196.000	S 12	L-1350106
Cylinder 276,045,414	106.500	115.700	125.000	6.000	0.762	218.800	S 12	L-1351106
JOHN DEERE	106.490	120.620	125.960	6.045	0.889	197.610		L-1352106
Cylinder 270,404	108.000	117.500	131.500	6.350	0.650	232.400	S 12	L-1350108
Cylinder 207,404	108.000	117.560	130.200	6.420	1.020	232.400	S 19	L-1351108
Cylinder 6-466 T/A	115.920	125.100	135.160	8.140	1.160	233.100	S 19	L-1350115
KHD DEUTZ								136
FL 1012, BFM 1012	94.000	98.500	102.500	5.000		196.000	S 1	L-1360094
Motor F 1 L511D, 825 ccm, 13 kw (17.5 PS); Motor F 2 L511D, 1650 ccm, 25.5 kw (35 PS); 1978.	100.000	109.850	120.000	118.900		186.000	S 48	L-1360100








PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
MAKE - MODEL	A	B	C	D	E	F		
FL 912 Series 1967 on, D 2505, D 3006, D4006/4505/5006/ 5206A ; 2002A, D5506/6006/6806/7006/; D7206/ 1968 on, Industrial M 110/120; D7/8/9/11/13: BUS M 120/R 80/M 80, D 6/7/8, Diesel 2/3/4/5/6/ Cyl.	100.000	110.000	120.000	137.500		222.000	S 48	L-1361100
FL 912 Series (New Version Normal Honing)	100.000	110.000	120.000	136.800		222.300	S 48	L-1362100
FL 912 Series (New Version Plateau Honing)	100.000	109.880	119.870	136.800		222.300	S 48	L-1363100
FL 912 Series (Old Version Plateau Honing)	100.000	109.880	119.870	137.300		222.300	S 48	L-1364100
1976 on, F 6 L 913, Tractor DX 120, 5497651, Diesel, 6 Cyl.	102.000	110.000	120.000	137.500		222.500	S 50	L-1360102
F3L913, BF6L913/C/T, BF4L913 (New Version Normal Honing)	102.000	109.880	119.870	136.800		222.300	S 48	L-1361102
FL 913 C (Plateau Honing)	102.000	109.880	124.500	134.900		220.400	S 48	L-1362102
BFL 913 C (Plateau Honing)	102.000	109.880	124.500	135.900		220.400	S 48	L-1363102
BFM 1013/C/CP/E/EC/EP	108.000	120.000	128.500	9.000	1.100	229.100	S 28	L-1360108
1957-66, FL 514/614 1959-65, F 6 L 613, 7412cc	110.000	130.000	140.000	162.400	7.100	274.550	S 49	L-1360110
FL 413, FL 413R	120.000	131.825	144.905			255.270		L-1360120
F 6 L 413 FL413 FRW FL 413 FZ FL 413 FR F 413	125.000	136.906	150.038			250.570		L-1360125
BFM 1015/C	132.000	147.000	158.000	9.000	1.200	268.500	S 12	L-1360132
A 12 M 816, A 12 M 816 C, A 12 M 816 CR, A 12 M 816 R, A 12 M, 816 U, A 12 M 816 W, A 16 M 816, A 6 M 816, A 6 M 816 R, A 6 M 816 U, A 6 M 816 W, A 8 M 816, A 8 M 816 C, A 8 M 816 CR, A 8 M,816 R, A 8 M 816 U, A 8 M 816W, BA 12 M 816, BA 12 M 816 C, BA 12 M 816 CR, BA 12 M 816 R, BA 12 M 816 U BA 12 M 816 W,BA 16 M 816, BA 16 M 816 U-C, BA 6 M 816, BA 6 M 816 R, BA 6 M,816 U, BA 6 M 816 W, BA 8 M 816, BA 8 M 816 C, BA 8 M 816 CR	142.000	160.000	174.900	12.100	1.200	317.000	S 38	L-1360142
KOMATSU								137
6D95	95.000	98.020	103.950	3.975		179.832		L-1370095
6D105	105.025	118.669	127.102	10.084	0.838	223.010		L-1370105
S6D125	125.031	143.050	153.022	10.185	1.800	256.540		L-1370125







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL	A	B	C	D	E	F	SHAPE	BENARA PART NO.
LANDROVER								138
LANDROVER	88.011/87.884	93.738				141.732		L-1380088
1958 on, 2286 cc OHV, 2 Litre Series II and III Series, Petrol 4 Cyl. 1962 on, 2 Litre Series I and II, Diesel, . 4 Cyl	90.475	94.513				191.364	S 2	L-1380090
2¼ LITRE	90.094/89.840	94.526				191.364		L-1381090
ETC 7084	93.13/92.88	97.770				141.730		L-1380093
LEYLAND								139
LEYLAND	75.7555/75.501	79.855				153.800		L-1390075
LEYLAND	82.042/82.169	86.601	89.548	4.635		193.421		L-1390082
LEYLAND	84.049/83.922	87.376				152.273		L-1390084
O.E.138	84.176	89.718	94.285	11.176	0.635	187.960		L-1391084
LEYLAND	84.557/84.43	88.976				192.100		L-1392084
EA SERIES	88.24/88.494	92.583				193.294		L-1390088
LEYLAND	95.001	110.592	117.094	8.890	0.889	221.539		L-1390095
LEYLAND	95.001	106.312	114.224	11.176	0.889	221.448		L-1391095
LEYLAND	95.001	110.870	114.224	11.176	0.889	221.488		L-1392095
4/98, 6/98	98.000	108.204	116.967	8.890	0.889	217.678		L-1390098
LEYLAND	100.000	106.312	114.224	11.176	0.889	223.076		L-1390100
LEYLAND	100.000	110.592	114.224	11.176	0.889	221.488		L-1391100
400 [T & H] [O/S ON O/D IS AVAILABLE]	107.306	111.325	112.655	4.356	1.016	239.573		L-1390107
450 MARK 2	110.49/110.744	115.976				256.794		L-1390110
600 PP MK ½ 9, 8L.	121.973	128.034	135.572	12.738		283.210		L-1390121
680 (T & H)	127.015	133.104	138.811	7.658		288.290		L-1390127
680	127.015	133.104	138.811	7.658		288.290		L-1391127
TL11 T & H	127.015	133.142				289.433		L-1392127







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL	A	B	C	D	E	F	SHAPE	BENARA PART NO.
MAN								141
Motor D 0224M / MF / ME, 3791 ccm, 58-66kw (79-90PS), 18:1 Motor D 0226 M / MF / ME / MFO / MHO / MFM / MFA, 5687 ccm, 66-100kw (90-136PS), 18:1 Motor D 0226 MTE / MTXE, 5687 ccm, 81-135 kw (110-183 5 PS), 17, 5:1 Motor D 0226 MK, / MKF / MC / MLE / MKH, 5687 ccm, 125-154 kw (170-209 PS) 17, 5:1	102.000	105.990	111.000	8.040		217.000	S 1	L-1410102
Motor D 0824 GF, 4580 ccm, 75 kw (102 PS), 17:1 Motor D 0824 GF / F / OH, 6871 ccm, 110 kw (150 PS), 18:1 125 mm Hub. Saugmotor Motor D 0826K, / T / LF / TF, 6871 ccm, 169kw, (230 PS), 18:1, 125 mm Hub Motor D 0826 FG 01/002, 6600 ccm, 162 kw (220 PS), 17:1 Motor D 0826LF 01 / LF02; 125 mm Hub	108.000	111.490	116.000	4.040		217.000	S 1	L-1410108
D 2156 Diesel Motor 10344/10350 ccm 141-188 KW (192-256)	121.000	125.990	132.000	8.000		287.000	S 1	L-1410121
D 2156 (Over size on OD)	121.000	126.990	132.000	8.000		287.000	S 1	L-1411121
D 2356 Diesel Motor 10690 ccm 169 KW (230 PS)	123.000	125.990	132.000	8.030		287.000	S 1	L-1410123
D 2366T	123.000	126.990	133.000	8.030		270.000	S 1	L-1411123
D 2538 Diesel Motor 12756/12763 ccm 160-235 KW (218-320 PS) D 2530 Diesel Motor15945/15900 ccm 156-294 KW (212-400 PS) D 2548 MT / MTF Diesel Motor 13940 ccm 264 KW (390 PS) 1980 D 2540 MT / MTF / MTE / MLE Diesel Motor 17426 ccm 287-405 KW (390-550 PS) 1980 D 2542 MTE / MLE Diesel Motor 20910 ccm 311-478 KW (423-650 PS) 1976	125.000	140.000	152.000	10.050	1.000	253.000	S 12	L-1410125
D 2555 M / MF / MX / MXF Diesel Motor 9199 ccm 123/141 KW (168/192 PS) D 2556 M / MF / MX / MXF Diesel Motor 11045-11100 ccm 147-178 KW (200-240 PS) D 2565 M / MUH / MUL / MT / MUK / MKUL Diesel Motor 9510 ccm 92-169 KW (125-230 PS) 1976 D 2566 M / MT Diesel Motor 11407 ccm 125-235 KW (170-320 PS)	125.000	140.000	152.000	10.050	1.000	270.000	S 12	L-1411125
D 2840, D 2842, D 2848	128.000	144.500	153.800	10.050	1.000	253.000	S 12	L-1410128
D 2865, D 2866, D 2876	128.000	145.000	154.000	10.570	1.000	270.000	S 12	L-1411128

PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL	A	B	C	D	E	F	SHAPE	BENARA PART NO.
MASSEY FERGUSON								142
MASSEY FERGUSON	84.176	89.718	94.285	11.176	0.635	187.960	S4	L-1420084
MASSEY FERGUSON	88.925	93.688	94.38	4.763		215.900	S1	L-1420088
MASSEY FERGUSON	88.341/88.442	93.726	94.380	4.718		215.900	S1	L-1421088
MASSEY FERGUSON	88.417/88.544	93.751				215.900	S2	L-1422088
MASSEY FERGUSON	90.5/90.754	93.725	96.596	3.810		215.900	S1	L-1420090
MASSEY FERGUSON	90.983/90.11	93.777				215.900	S2	L-1421090
MASSEY FERGUSON	97.61/97.87	103.264	106.43	3.708	1.041	227.279	S4	L-1420097
MASSEY FERGUSON	98.501	103.213	106.426	3.861	0.889	227.279	S4	L-1420098
MASSEY FERGUSON	107.315/107.061	113.271	116.713	2.591	0.660	226.060	S4	L-1420107
MASSEY FERGUSON	113.56/113.31	117.958	121.153	2.718		230.430	S3	L-1420113
MASSEY FERGUSON	114.414	117.907	121.006	2.667		230.429	S3	L-1420114
MAZDA								143
Motor VA 1985 ccm 66 kw (90 PS) 8:1, 94mm Hub E 2000 EV8 1971-77	82.000	89.950	97.942	9.042		169.000	S 22	L-1430082
R2	85.268/85.522	90.043				179.959	S2	L-1430085
R2	85.6/85.4	88.062				178.500	S2	L-1431085
MAZDA	86.101	89.180	94.000	3.150		163.000	S 1	L-1430086
XA	87.376/88.579	96.925	100.965	3.810	0.760	191.390	S4	L-1430087
S2	88.4/88.55	96.840	101.000	3.800	0.800	167.100	S4	L-1430088
XA [E2500]	88.975	96.915	100.970	3.770	1.000	188.830	S4	L-1431088
E2700 AND E4100	91.500	96.900	100.780	3.800		191.000	S1	L-1430091
XB /ZB	92.000	96.870	101.000	3.800	0.800	191.100	S4	L-1430092
S2	92.025	96.880	101.000	3.810	0.840	191.100	S4	L-1431092
H.A.	94.45/94.25	98.500	103.500	3.800	0.800	191.100	S4	L-1430094
HAT 3000	95.000	98.500	103.500	3.800	0.800	191.100	S4	L-1430095







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
	A	B	C	D	E	F		
T 3500	98.900	103.575	107.930	2.650		193.700	S 1	L-1430098
1984 on 3455 cc, OHV, SL; Titan 3500, P-WEL, 4T, 4AT, 4F, Diesel, 4 Cyl.	100.000	103.500	108.000	2.500	1.000	193.700	S1	L-1430100
SL	100.045	103.500	108.000	2.540	1.000	193.700	S4	L-1431100
MERCEDES BENZ								144
MERCEDES BENZ	74.625/74.371	78.087	80.899	4.115		190.246	S1	L-1440074
MERCEDES BENZ	74.625/74.371	79.100	80.700	4.123		190.246	S1	L-1441074
OM 615	86.15/85.85	90.095	91.872	4.800		158.400	S1	L-1440086
OM 601, Diesel Motor 1997 ccm, 53-55 KW (72-75 PS) OM 602/A, Diesel Motor 2497 ccm, 62-92.5 KW(84-126 PS) OM 603/A, Diesel Motor 2996 ccm, 80 -108 KW (109-147PS)	87.000	90.000	92.550	4.700		148.600	S 1	L-1440087
2197 cc, OM 615 Engine 220D, 200D 910/11/14, 913/15 Diesel 1968 on cyl.	87.000	90.056	91.923	4.801		158.400	S 1	L-1441087
OM 601, OM 602	89.000	91.500	96.500	4.700		156.500	S 1	L-1440089
MERCEDES BENZ	90.000	98.006	109.220	44.399		144.526	S1	L-1440090
OM 312	90.000	94.760	96.400	5.000		215.000	S 1	L-1441090
AIR COMPRESSOR BLOCK FOR OM 401-404, OM 421-424/A OM 441-444/A/LA/ OM 407/409, OM 427/409 A OM 427/449/A/LA (AIR COOLED)	90.000	95.000				104.000	SPEC.	L-1442090
AIR COMPRESSOR BLOCK FOR OM 401-404, OM 421-424/A OM 441-424/A OM 441-444/A/LA OM 407/409, OM 427/409A, OM 427/449/LA, OM 401-402A/LA (WATER COOLED)	90.000	95.000				104.000	SPEC.	L-1443090
1978 on OM 616, 2399 cc, 4 Cyl. 240 D / TD / 6D, 207, D / 307, D / 407, D / 507 D 1979 on OM 617, 300 D / TD / GD / 300, CD / 209, D / 309 / D / 409 D	90.900	94.000	96.000	4.700		158.400	S1	L-1444090
4235CC OHC	91.567/91.44	95.656				177.012	S2	L-1440091
MERCEDES BENZ	94.361/94.615	101.100	103.924	4.622		215.265	S1	L-1440094
AIR COMPRESSOR BLOCK FOR OM 314, OM 352 / 353 / A, OM 312, OM364 / A / LA OM 366 / A / LA	94.000	100.000				82.000	SPEC.	L-1441094
OM 314, OM 352	96.368/96.622	103.124	105.801	4.521		222.504	S1	L-1440096







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
 MAKE - MODEL	 A	 B	 C	 D	 E	 F	SHAPE	BENARA PART NO.
1964 on OM 352, 1513 / 1613, LP 913, Bus 0302 /0321 0322 / OP 312, L 710 / 810 / 813 / 011, B / 1013 / 1113 B /1213 / 1313 / 1413 / U 110 / 416, U 120 / 416, U 125 / 416HU 9109, U 900 / 1100 / U 1300, 1500 / T, 1700 / 9000, MB-Trac 1100 /, 1300, 1000 /Unimog U 70 / 406, U 80 / 413, U 84 / 406, U 90 / 416, U100 / 416, Diesel, 6 Cyl.	97.000	100.475	103.430	5.100		222.000	S1	L-1440097
As above but 0.60 mm over size on OD	97.000	101.075	103.930	5.200		222.000	S1	L-1441097
As above but 1.1 mm over size on OD	97.000	101.575	104.430	5.200		222.000	S1	L-1442097
As above but 1.6 mm over size on OD	97.000	102.075	104.930	5.200		222.000	S1	L-1443097
As above but 3.0 mm over size on OD	97.000	103.075	105.930	5.100		222.000	S1	L-1444097
Compressor Air Cooled Cylinder Block - 100mm	100.000	113.000	131.000	12.000		102.000	S48	L-1440100
AIR COMPRESSOR BLOCK FOR OM 410 LA, OM 402 LA, OM 441/ A / LA, OM 442 /A / LA / OM 443 / A / LA	100.000	101.000				106.000	SPEC.	L-1441100
MERCEDES BENZ	107.569/107.315	112.801				297.688	S1	L-1440107
1968-77, 8720cc, OM 360, Engines 1113, 1313, 1317, 1413, 1216, 1417, 1517, 1617, 1871, 1319, 1419, 1519, 1619, 1819, 2219, 0.302, 0.305	115.000	120.000	125.000	5.520		253.500	S1	L-1440115
OM401, OM 402, OM403 & OM 423	125.000	139.950	151.890	10.060	1.040	252.985	S12	L-1440125
OM 407 1 A / HA / H Diesel Motor 11412 ccm 177-206 KW (200-280 PS) OM 409 Diesel Motor 9200 ccm 137.5 KW (187 PS)	125.000	140.000	152.000	10.070	1.000	265.000	S12	L-1441125
OM 422	128.000	144.450	153.735	10.060	1.040	252.985	S12	L-1440128
OM 427/ H / A / HA / LA Diesel Motor 11970 / 11961 ccm 115mm Hub 147-206 KW (200-280 PS) OM 429 A / LA Diesel Motor 9927 ccm, 1985-1992 OM 447/ H / A / HA / LA Diesel Motor 11970 / 11961 ccm 147-220 KW (200-280 PS) OM 449 / LA Diesel Motor 9973 ccm 155mm Hub 140-221 KW (190-300 PS)	128.000	144.500	153.800	9.920	1.000	270.000	S12	L-1441128







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
MAKE - MODEL	A	B	C	D	E	F		
1967-78, 11581 cc, OM 355, Engines 1424, 1621, 1623/36, 1624, 1921, 1923, 1924, 2024, 2223, 2224, 2623, 2624, 0302, 0317, Diesel, 6 Cyl.	128.000	133.566	137.465	5.474		287.500	S 1	L-1442128
As above, but 0.50 mm oversize on OD	128.000	134.000	138.000	5.600		287.500	S 1	L-1443128
OM 355 (0.004" oversize on OD)	128.000	133.600	137.500	5.500		287.500	S 1	L-1444128
OM 355 (0.008" oversize on OD)	128.000	133.700	137.500	5.500		287.500	S 1	L-1445128
OM 355 (0.039" oversize on OD)	128.000	134.500	137.500	5.500		287.500	S 1	L-1446128
OM 427/ H / A / HA / LA / OM 429 A / LA OM 447 / H / AHA / LA, OM 449 A / LA	128.000	144.500	153.800	10.070	1.000	270.000	S 12	L-1447128
OM 427/ H / A / HA / LA / OM 429 A / LA OM 447 / H / AHA / LA, OM 449 A / LA	128.000	144.500	153.800	10.420	1.000	270.000	S 12	L-1448128
OM 441-442-443	130.000	144.500	153.800	9.920	1.000	253.000	S 12	L-1440130
MITSUBISHI								145
JH4	78.865/78.995	82.625-82.650				204.800	S2	L-1450078
4 D 65	79.600	84.700				147.000	S 2	L-1450079
4 D 56 Plain	90.150	94.200				167.950	S 2	L-1450090
4 D 56	91.000	94.190	96.000	5.150		164.700	S 1	L-1450091
4 D 55	91.100	94.180				165.100	S 2	L-1451091
4 DR5, 6DR5 4, 6 CYL. 2659, 3988 CC 1970 - Forklift FD15, Fuso Crane T98B / T210B 1970 - Fuso Canter Truck T 96A & B / T98A & B / T200C / T210C / T220C 1970 - Jeep J24 / J36 / J44 / J54 Rosa Bus B360D / BH212F	92.000	95.000				176.200	S 2	L-1450092
4 D 30 Plain	98.600	104.003				196.950	S 2	L-1450098
4 D 31 - T	98.935/99.185	104.100				191.720	S2	L-1451098
1979 on 3298 cc, 4 D 30, 4 Cyl. Rosa Bus, Canter Truck	100.000	104.000				191.498	S 2	L-1450100
4 D 32	102.750	108.100				199.000	S 2	L-1450102
6 D 14	110.010	121.925	130.470	10.000	1.475	206.000	S1	L-1450110

PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
	A	B	C	D	E	F		
6 D 15	113.017	124.968	132.842	10.033	1.143	206.120	S1	L-1450113
6 D 22	130.000	147.000	156.000	11.500	1.810	261.810	S1	L-1450130
NISSAN								146
SD 22, SD 23, SD 33	82.000	87.100	93.360	5.090		176.000	S 1	L-1460082
SD 22	82.619/82.365	87.058	93.000	5.080		175.488	S1	L-1461082
SD 22	83.000	87.030	93.000	5.080		175.488	S1	L-1460083
1963-67 4 Cyl. SD 20 Engine Model Q130 Cedric 1991 CC 193 on 4 Cyl. SD 22 Engine 2164 CC, Models Q 41 Junior HQC 240, 1963 on 6 Cyl. SD 33 Engine, 324 CC	83.000	87.100	93.360	5.090		176.000	S 1	L-1461083
LD 20	83.300	89.010				150.250	S 2	L-1462083
SD 23 / SD 25	88.725/88.475	92.100	97.985	5.115		172.000	S1	L-1460088
1983-84, 2488 cc OHV, SD 25, 4 Cyl.	89.000	92.000	98.000	5.000		172.000	S1	L-1460089
SD 23 / SD 25 [O/S ON O/D IS AVAILABLE]	89.050	92.100	97.985	5.115		172.000	S1	L-1461089
TD 23	89.050	92.015	97.985	5.115		160.000	S1	L-1462089
TD 25	92.481/92.608	96.000	101.854	5.080		159.893	S1	L-1460092
TD 25 [PICK - UP] [O/S ON O/D IS AVAILABLE]	92.990	95.930	101.854	5.080		159.893	S1	L-1461092
TD 27	95.555/95.682	99.009	104.953	5.080		159.893	S1	L-1460095
TD 27 / TD 42	96.063	98.984	104.953	5.080		159.893	S1	L-1460096
ED 30	97.995	111.000	116.685	8.075	1.040	184.530	S4	L-1460097
ED33	100.000	112.015	117.97	8.075	1.016	191.000	S4	L-1460100
ED 6 / FD 6	100.000	112.015	117.985	8.075	1.220	212.100	S4	L-1461100
FD 6T	100.000	112.015	117.855	8.075	1.100	212.100	S4	L-1462100
FE 6	108.125	111.050	115.90	8.075	0.940	217.150	S4	L-1460108
NE6	110.000	115.011	118.92	3.020	1.210	229.110	S4	L-1460110
ND 6	110.040	115.030	118.900	3.000	1.000	229.000	S4	L-1461110







PRODUCT RANGE for CYLINDER LINERS / SLEEVES									
MAKE - MODEL							SHAPE	BENARA PART NO.	
	A	B	C	D	E	F			
PD 6	125.045	130.050	134.0105	3.020	1.270	259.156	S4	L-1460125	
PE 6	133.030	138.030	141.88	3.000	1.240	259.000	S4	L-1460133	
RD 8 [BRIGHT FINISH]	135.000	153.000	161.000	8.128	1.143	243.000	S4	L-1460135	
RD 8 [PHOSPHATE COATING]	135.000	153.000	161.000	8.128	1.143	243.000	S4	L-1461135	
RD 8 [BRIGHT FINISH]	135.000	153.000	161.000	8.128	1.143	242.570	S4	L-1462135	
RD 8 [PHOSPHATE COATING]	135.000	153.000	161.000	8.128	1.143	242.570	S4	L-1463135	
PERKINS								147	
1.76 Litre, 4.107 diesel, 4 Cyl.	79.375	85.674	93.701	6.401		163.512	S 11	L-1470079	
1.76 Litre, 4.108 Diesel, 4 Cyl.	79.375	86.626				165.100	S 2	L-1471079	
TEA 20	80.000	88.850	104.090			171.450	SPEC.	L-1470080	
TEF 20 C	80.980	86.510	92.700	5.480	0.200	170.000	S 3	L-1471080	
FE 35, 23 C	84.160	89.720	94.340	11.210	0.670	187.900	S 4	L-1470084	
TEA 20, TED 20 85 mm Petrol 85 mm VO & LO	85.000	92.000	104.300			171.500	Spec.	L-1470085	
FF 35, MF 135 87 mm Petrol	87.000	92.800	104.200			171.500	Sp.	L-1470087	
2.36 Litre, P3, 144 Diesel, 3 Cyl. 3.15 Litre, P4, 192, Diesel, PA, PB, 4 Cyl. 4.73 Litre, P6, 288, Diesel PF, PG, 6 Cyl.	88.925	93.713	94.407	4.762		215.900	S 1	L-1470088	
Semi Finished Liner for above	88.925	93.713	94.407	4.762		215.900	S 1	L-1471088	
2.5 Litre, 3.152, A 3.152, D 3.152, AD 3.152 Diesel, 3 Cyl. 3 Litre, 4.203, AD 4.203, D 4.203, A4-203 G 4.203, 4 Cyl. 5 Litre, 6.305, A 6.305, 6 Cyl.	91.491	93.663	96.723	3.810		215.900	S 1	L-1470091	
Semi Finished Liner for above	91.491	93.713	96.723	3.810		215.900	S 1	L-1471091	
As above, but 0.030" (0.762) Oversize on OD	91.491	94.475	96.723	3.810		215.900	S 1	L-1472091	
Semi Finished Liner with 0.100" (2.54mm) over size on O.D. and Oversize Flange	91.491	96.253	97.104	3.810		215.900	S 1	L-1473091	







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
2.5 Litre, 3.152, D3.152, AD3.152 Diesel 3 Cyl. 3 Litre, 4.203, A 4.203, D 4.203, AD 4.203, G 4.203 4, Cyl. 5.0 Litre 6.305, A 6.305, 6 Cyl. (Semi Finish and 0.02" Oversize on OD)	91.491	94.220	96.650	5.200		215.750	S 1	L-1474091
As above, but Semi Finish and 0.05" Oversize on OD	91.491	94.980	96.650	5.200		215.750	S 1	L-1475091
4.212, A 4.212 Diesel, 4 Cyl. 4.236, A 4.236, D 4.236, G 4.236 Diesel 4 Cyl. 6.354, A 6.354, 6.354.2, T 6.354 Diesel 6 Cyl.	98.476	103.188	106.426	3.708	0.991	227.279	S 4	L-1470098
Semi Finished Flanged Liner for above	98.476	103.238	106.426	3.708	0.991	227.279	S 4	L-1471098
Semi Finished Parallel Liner for above (When fitted, the Liner must protrude 0.030"-0.0350" (0.769mm - 0.869mm.) above the top face of the Cylinder block)	98.476	103.264				228.981	S 2	L-1472098
5.8 Litre, T 6.354.3 Turbocharged, Direct Injection, Diesel, 6 Cyl.	98.476	103.188	106.426	3.861	0.838	227.279	S 4	L-1473098
Semi Finished Parallel Liner for above	98.476	103.268				227.981	S 2	L-1474098
Semi Finished Flanged Liner for above	98.476	103.238	106.426	3.861	0.838	227.279	S 4	L-1475098
5.8 Litre, 6.354.4, T 6.354.4 Diesel, 6 Cyl.	98.476	103.188	106.426	3.861		227.279	S 4	L-1476098
Semi Finished Liner for above	98.476	103.238	106.426	3.861	0.889	227.279	S 4	L-1477098
365, 375, 4.236, 373, 377, 383, 387, 390T, 398, 1007, 3065, 3070, AT 4-236	98.480	104.280	107.400	3.831		226.500	S 21	L-1478098
MF 365, MF 375, 4.236, MF 373, MF 377, MF 383, MF 387, MF 390T, MF 398, MF 1007, MF 3065, MF 3070, AT 4236	98.480	104.200	107.350	3.830		226.500	S 21	L-1479098
Phaser 1000 Series (SF)	99.300	104.260	107.420	3.850	0.150	227.500	S 1	L-1470099
Phaser 1000 series (FF)	100.000	104.200	107.420	3.850	0.150	227.500	S 1	L-1470100
Phaser 1000 Series	100.030	104.200	107.400	3.840		226.440	S 1	L-1471100
Semi Finish Liner for above	100.030	104.428	107.400	3.840		226.400	S 1	L-1472100
MF 390, 4.248, 4.248 S	101.050	104.220	107.400	3.830		226.700	S 21	L-1470101
4.248, A 4.248, Direct Injection Diesel 4Cyl.	101.054	104.204	107.420	3.861	0.838	227.279	S 4	L-1471101
Semi Finished Parallel Liner for above	101.054	103.264				223.774	S 2	L-1472101
Semi Finished Flanged Liner for above	101.054	104.254	107.442	3.861	0.762	227.279	S 4	L-1473101








PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
A	B	C	D	E	F			
5.56 Litre OHV, Diesel, R 6, F 340 Six 340 S, 6 Cyl.	101.600	106.413	107.158	4.763		225.806	S 1	L-1474101
4.42 Litre 4.270, L 4 Direct Injection Diesel, 4 Cyl.	107.950	121.445	128.558	9.550		228.996	S 16	L-1470107
5.2 Litre, 4.318, A 4.318, Diesel, 4 Cyl. Liner without Firelip	114.313	117.881	121.133	2.718		230.784	S 3	L-1470114
Semi Finished Liner for above with Firelip	114.313	117.932	121.133	2.718		230.784	S 3	L-1471114
PETTER								148
SLEEVE 'PAZI'	75.565/75.819	80.264	83.134	4.699		164.590		L-1480075
D-76mm	76.000	87.925	99.930	7.030		162.000	S 10	L-1480076
AV AA 1 & AV A 2 SLEEVE	79.72/79.593	83.416	86.436	4.826		207.060		L-1480079
SLEEVE 'AV SERIES'	79.72/79.593	83.414				207.569		L-1481079
AV1	80.000	95.250	110.000	10.000		207.000	S 36	L-1480080
AV11/2, AVA 1/2 Air & Watercooled Ser.II, Diesel, 1/2 Cy.	80.000	104.877	109.949	10.051		207.010	S 3	L-1481080
Air-Cooled Block D-80mm	80.060	95.000	143.000	15.000		189.500	Spec.	L-1482080
AVA TYPE(AIR COOLED)	80.010	104.000	147.000	188.970		208.000		L-1483080
JV 1	85.000	95.250	110.000	10.000		207.000	S 36	L-1480085
Air-Cooled Block D-85mm	85.060	95.000	143.000	15.000		189.500	Spec	L-1481085
SLEEVE 'PHSERIES'	86.957/86.084	91.389				206.502		L-1480086
SLEEVE 'PHSERIES'	86.678/86.932	91.389	94.386	4.699		206.502		L-1481086
PH 1, 1W, 2.2W Air & Water Cooled Diesel 1/2 Cyl.	87.465	91.356				207.010	S 2	L-1480087
Flanged Liner for above	87.465	91.356	94.328	4.826		207.010	S 1	L-1481087
TV 1	87.500	105.000	110.000	10.000		207.000	S 36	L-1482087
Air Cooled Block D-87.5 mm	87.560	103.000	146.000	15.000		189.500	Spec.	L-1483087
	87.312	104.877	109.949	10.051		207.010		L-1484087







PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
	A	B	C	D	E	F		
PH (WATER COOLED)	87.312	104.866	113.551	10.058	0.305	207.010		L-1485087
PH TYPE (AIR-COOLED)	87.465	104.000	147.000	188.970		208.000		L-1486087
TAI, TA2 TYPE (AIR-COOLED)	87.500							L-1487087
Air Cooled Block D-95.0 mm	95.000	110.000	164.500	15.000		191.750	Spec.	L-1480095
95 mm	95.000	110.000	118.000	10.000		209.500		L-1481095
PJ' SLEEVE	96.456/96.583	100.140				209.042		L-1480096
102 mm	102.000	115.500	125.000	10.000		212.000	S 36	L-1480102
Air Cooled Block D-102 mm	102.150	110.000	171.000	12.000		210.000	Spec.	L-1481102
PEUGEOT								149
XC 5 Engine, Model 404 XC 6404, 1618 CC oct 1970-75 Also XM 1796 CC 504, XM 1968-70	84.000	92.920	99.600	90.025		136.200		L-1490084
CU 6109 84MM XM	84.020	93.000	99.600	90.005		136.200		L-1491084
From Engine No. 4630-386	88.000	96.000	106.300	7.000		173.000	S 47	L-1490088
1971 on, 1971 cc., XN 1 Engine 504, 504 Break, Familiale, 4 Cyl. Injection Coupe, 504, Injection Cabriolet GL, 504 Injection TI, 4 Cyl.	88.000	97.750	101.900	90.025		136.200	S 45	L-1491088
Oct 1974 on, 2664 cc., Engine ZM 112, twin carb. Engine 504 V 6 Coupe / Cabriolet, 604 V 6 SL., Cyl. Sep. 1977 on, 2664 cc., Engine, ZMJ Fuel Injection 604 TI, Coupe 504 v6 6 Cyl.	88.000	93.480	102.200	99.130		131.900	S 45	L-1492088
CU 6110 88MM XN	88.020	93.000	101.900	89.975		136.200		L-1493088
1967-78, 2112 cc OHV, XDP 4.90 504 D, J 7 D, J 9 D	90.000	95.979	106.200	7.051		173.000	S 47	L-1490090
RENAULT								150
810	73.000	80.560	90.310	5.500		134.320		L-1500073
R 5, R 9, R 11	73.000	80.560	91.310	5.500		134.320		L-1501073
4.248	101.054	78.470	87.780	5.500				L-1500101

PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL	A	B	C	D	E	F	SHAPE	BENARA PART NO.
SCANIA								151
R 5, R 9, R 11	76.000	127.900	140.818	10.260		256.000		L-1510076
DS11 (OLD MODEL)	127.000	139.900	153.800	8.000	0.889	291.084		L-1510127
DS11 (NEW MODEL)	127.000							L-1511127
TATA								152
Compressor Air Cooled Cyl. Block - 77 mm	77.000	88.660	125.000	12.000		79.000	S 48	L-1520077
4748 cc., OHV, LP 1210 Series, 6 Cyl.	92.000	96.540	97.750	4.623		215.000	S 1	L-1520092
Compressor Air Cooled Cyl. Block - 94 mm	94.000	99.700	125.800	11.600		75.900	S 48	L-1520094
2956 cc OHV, 407, SP, 4 Cyl. Tata 407 LCV	97.000	100.000	103.500	4.600		177.000	S 1	L-1520097
1964 on 3780 cc OHV, OM 314, 408, 4 Cyl. 5675 cc OHV, OM 352, 6 Cyl.	97.000	103.099	105.926	4.521		223.012	S 1	L-1521097
TOYOTA								153
DS 9, DS 9-08	73.000	76.320				170.000		L-1530073
2E L	75.000	79.490				170.000		L-1530075
3 K, 4 K, GE 1	76.000	79.490				170.000		L-1530076
2 AL	78.000	82.670				170.000		L-1530078
12 R	80.01/79.756	84.620				143.967		L-1530080
2 R	80.500	84.250				170.000		L-1531080
5 K, 12 R	81.000	84.250				170.000		L-1530081
4 AL, 4 AGE, 4 AF	83.000	87.430				170.000		L-1530083
5M - GE	84.000	89.010				120.000		L-1530084
21 R	85.000	89.010				150.000		L-1530085

PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
MAKE - MODEL	A	B	C	D	E	F		
6 R, 7 R, 8 R, 1 Y, 2 Y, 3 Y	86.000	89.010				150.000		L-1530086
H, 2J, 2JH	87.376/87.63	93.063	97.714	2.476	1.194	183.667		L-1531087
5 R	88.000	92.190				170.000		L-1530088
18 R	88.500	92.900				170.000		L-1531088
2 H	89.000	95.000				185.000	S 2	L-1530089
L Flanged	89.200	94.080	101.000	3.500		160.450	S 1	L-1531089
L	89.61/89.36	94.105	100.840	3.560	1.200	160.480		L-1532089
1981-83 BUVL F 20, LF 30 1979, Corolla MK 112200 Crown 2200 Cressida 1980-83 Crown LS 110 1981083 High-A LH-20 LH30, RH20 RH30 LG1 LH50, LH60 1981-83High-Lux LN 30, LN36, LN40, LN 46 1979-83 Toyota Ace L720, LY 30	90.000	94.105	100.840	3.500	1.100	191.364	S 4	L-1530090
F	90.000	95.370				170.000		L-1531090
L	90.000	94.095				160.000	S 2	L-1532090
2H - 84	90.424/90.17	95.047	100.762	2.540	1.270	183.998	S 4	L-1533090
L	90.000	94.030	100.840	3.560	1.200	160.480	S 4	L-1534090
4 Y	91.000	95.370				170.000		L-1530091
2H	91.000	95.070	100.720	2.580	1.220	184.000	S 4	L-1531091
2H - 84	91.000	95.047	100.762	2.540	1.270	183.998	S4	L-1532091
2 L	91.619/91.365	96.075				179.000	S 2	L-1533091
2L	91.262/91.618	96.063	100.127	3.505	1.422	161.290	S 4	L-1534091
2L Plain	91.000	96.100				180.000	S 2	L-1535091
2 LF	91.000	96.100				161.800	S 2	L-1536091
22 R	92.000	95.370				170.000		L-1530092
1 HZ	93.000	98.200				166.000	S 2	L-1530093
2F	94.000	98.540				230.000		L-1530094

PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
	A	B	C	D	E	F		
B (New)	94.000	100.100				191.000	S 2	L-1531094
B (New) 102mm O.D.	94.100	102.103	107.620	2.550		190.550	S 1	L-1532094
3 L Plain	94.700	100.095				160.400	S 2	L-1533094
B (OD 99MM)	94.610/94.360	99.072	104.580	2.500	1.200	190.220	S 4	L-1534094
B (OD 102 MM)	94.610/94.360	102.095	107.750	2.500	1.200	190.220	S 4	L-1535094
B (OD 99 MM)	95.000	99.072	104.580	2.500	1.200	190.220	S 4	L-1530095
B (OD 102 MM)	95.000	102.082	107.750	2.500	1.200	190.220	S 4	L-1531095
2B	97.612/97.358	102.057	107.696	2.540	1.150	190.170	S 4	L-1530097
3B	100.900	106.088	111.650	2.650		188.050	S 1	L-1530100
3B	101.6/101.346	106.083	111.810	2.540	1.150	190.170	S 4	L-1530101
Toyota	101.250	106.050				190.000	S 2	L-1532101
3B	102.000	106.070	111.684	2.540	1.150	190.170	S 4	L-1530102
1981 on, 3431 cc LHV, 3 B, 4 Cyl. Land Cruiser, BJ 60, Dyna	102.000	106.000	111.999	2.499	1.200	190.017	S 4	L-1531102
2D / DA-115	105.000	115.500	119.770	10.165		242.340	S1	L-1530105
UNIVERSAL TRACTOR								154
UNIVERSAL TRACTOR	108.026	131.750	124.912	10.160	1.397	258.242		L-1540108
VOLKSWAGON								155
VW 1600 Diesel	76.000	79.550	81.400	4.780		144.780	Spec.	L-1550076
1.5 Ltr. Diesel	76.500	79.500	81.500	4.700		145.000	S 1	L-1551076
1966-70, 1300, Cabriolet, Karmann Ghia 1971-76, 1302, 1303	77.000	89.925	89.850	112.550		136.700	S 4	L-1550077
1285 CCM 32KW	77.000	90.000	89.810	112.750		136.700	S 48	L-1551077
1.9 / 2.4 Ltr. Diesel	79.500	85.500	91.465	4.700		151.800	S 1	L-1550079
1.5 Ltr. 311	83.000	90.000	93.800	112.550		136.700	S 48	L-1550083
1.6 Ltr. Diesel	85.492	90.000	94.000	115.200		139.400	S 48	L-1550085

PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
 MAKE - MODEL	 A	 B	 C	 D	 E	 F	SHAPE	BENARA PART NO.
311 / 1.6 Ltr. Benzin Motor 1584 ccm 32.40 KW (44-54 PS) 211, Benzin Motor 1584 ccm 32-36, 5 KW (44-50 PS)	85.500	90.000	93.800	112.000		136.700	S 48	L-1551085
1584 cc., 4 Cyl. 1967-75, 1302 S, 03268, 1302 S ((126 Eng.) 18321-411116, 1600 Karmann Ghia 1972-79, 1303 S/LS, T 0000001-U 0502000 1968-79, 1600 Transporter (211 Eng) 1966-75, 1600 TL KNT1 1967-75, Variant 1600 A/L/TL	88.500	89.925	89.850	112.550		136.700	Spec.	L-1550088
VOLVO								156
1961-68, 1780 CC LHV. P1800 PV 544, 121, Amozon, P 1800S 144, 132S, 132S, 142, 221, 113, 123GT, 142S, 144S, 1800S, 223, B18A, B18B18D, 4 Cyl.	84.138	88.184	3.472			150.812	S 2	L-1560084
Motor B 28 A/F, 2949 ccm 97KW (132 PS), 8, 8.1 Motor B 28 E, 2849 ccm 114 kw (155 PS) 9, 5.1	90.010	96.480	105.200	99.130		131.300	S 43	L-1560090
VOLVO	97.610/97.870	103.264	106.430	3.708	1.041	227.278		L-1560097
VOLVO	97.610/97.870	103.264				228.981		L-1561097
5480CC, D60, TD60, Models F613 F 614, 200CM, B613,	98.400	110.900	119.088	11.610	0.790	234.500	Spec.	L-1560098
TD 60	98.440	109.880	119.088	11.328	1.016	234.442		L-1561098
VOLVO	98.501	103.213	106.426	3.861	0.889	227.279		L-1562098
9.6 Litre OHV, D96al, Diesel, 6 Cyl.	120.650	128.588	135.382	9.525		282.971	S 3	L-1560120
TD 100	120.665	133.833	146.990	11.532	3.446	296.062		L-1561120
TD 100	120.670	133.956	146.917	11.750	0.848	293.600		L-1562120
TD 122 F	130.200					570.000		L-1560130
TD120A	130.200					455.000		L-1561130

PRODUCT RANGE for CYLINDER LINERS / SLEEVES								
MAKE - MODEL							SHAPE	BENARA PART NO.
ZETOR								157
1960 on. 1560 cc LHV, 2001, Tracotrs 2011, 2511, 2 Cyl. 2340 cc OHV, 3001, Tractors 3011, 3511, 3513 3516, 3545, 3 Cyl. 3120 cc OHV, 4001, Tracotrs 4011, 4511, 4 Cyl. 4680 cc OHV, 5501, Tractors 5511, 5516, 5545, 5547, 5711, 5718, 5745, 5748	95.000	111.000	121.800	10.060	0.500	210.000	S 28	L-1570095
1972 ON. 2592 cc OHV, 4701, Tracotrs 4711, 4718, 3 Cyl. 3456 cc OHV, 6701, Tractors 5911, 5945, 6245 6711, 6718, 4 Cyl.	100.000	115.000	122.900	10.060	0.500	225.000	S 28	L-1570100
1978 on 2696 cc, 4901 Engine, Tractors 4911, 5211, 4945, 5245 3595 cc, 6901 Engine, Tractors 6211, 5911, 7211, 6245, 6945, 7245 1986 on 3922 cc, 7701 Engine, Tractors 7711, 7745	102.000	116.000	124.000	10.070	0.700	225.700	S 28	L-1570102
1969 on, 3421 cc., G 701 Engine, 3 Cyl. 1969 on 4562 cc., GZ 01, 8001, 8401 Engines, 4 Cyl. 1969 on 6842 cc., 8601 Engines, 6 Cyl. 4582 cc., 8002, Turbo Diesel Engine, 6 Cyl.	110.000	126.700	135.855	10.600	0.500	233.700	S 28	L-1570110