



BUSHINGS CATALOGUE

EDIZIONE 2001

**BOCCOLE AUTOLUBRIFICANTI
PER STARTERS E GENERATORI**

**SELF LUBRICATING BUSHINGS FOR
STARTERS AND GENERATORS**

**SELBSTSCHMIERENDE BÜCHSEN FÜR
ANLASSER UND LICHTMASCHINEN**

**BAGUES AUTOLUBRIFIANTES POUR
DEMARREURS ET GENERATEURS**

EDIZIONE 2001

 **eurocarbo[®]**

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REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
FIAT			
848001	8,00X13,00X8	FORK	---
848413	8,02X11,50X14,5X1,5X9,98	---	---
848233	10,05X16,55X11,50	COMMUTATOR	---
848403	10,08X14,02X12	COMMUTATOR	UNO FIRE
848003	10,08X14,02X13,5	BILATERALE	672541 / 9939835
848404	10,08X14,02X14	PIINION	UNO FIRE
848002	10,08X14,02X15	PIINION	4114442
848002	10,08X14,02X15	PIINION	UNO DIESEL
848201	10,08X14,04X9,9	---	---
848038	10,08X14,09X13	---	9916076 / 82187534
848412	11,62X13,44X12,50	---	---
848228	12,03X16,02X17	PIINION	9938364 RITMO DIESEL
848405	12,05X16,11X12	COMMUTATOR	UNO DIESEL
848223	12,06X16,00X12	---	---
848004	12,06X16,01X14	COMMUTATOR	4114431 / 82277181
848154	12,06X16,11X14	PIINION	---
848006	12,07X16,01X16,30	COMMUTATOR	637403
848007	12,07X16,01X16,30	COMMUTATOR	4007952
848227	12,07X16,02X11,3	COMMUTATOR	9938365 RITMO DIESEL
848155	12,07X16,12X16	---	9925774 / 9936661 / 82305274
848008	12,08X16,01X20	PIINION	372967
848005	12,09X16,01X15	INT. CENTRAL	366005
848220	12,10X14,00X18	INT. PIINION	813494
848011	12,10X16,01X30	PIINION	367486
848051	12,11X14,10X12	---	9920615
848009	12,11X16,01X24	PIINION	651993
848010	12,11X16,01X24	PIINION	4047985
848153	12,12X14,11X13,80	PIINION	---

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
FIAT			
848409	12,40X16,50X11,40	---	---
848161	12,55X16,56X15,80	---	9920623
848041	12,57X16,55X18	---	9918339
848161	12,57X16,56X15,80	---	8997800 / 82277189
848224	12,59X18,55X19,6	PIINION	9927787
848053	14,04X20,02X10	---	9918351
848407	14,05X18,03X16	COMMUTATOR	4988548 / 4988514
848012	14,05X18,05X15	INT. CENTRAL	372999
848012	14,05X18,05X15	COMMUTATOR	373999
848014	14,06X18,00X22	PIINION	850208
848147	14,06X18,03X14	COMMUTATOR	9983619 9936720 9956667
848163	14,08X17,58X15	---	9018531
848221	14,09X16,00X21,5	INT. PIINION	812100
848013	14,09X18,01X19	COMMUTATOR	707459
848174	14,10X17,05X15	PIINION	---
848226	14,16X20,06X12	COMMUTATOR	---
848056	14,40X16,00X23,5	---	9918348/79034660
848414	15,07x18,22x14		
848175	15,17X21,00X32	COMMUTATOR	---
848410	15,17X21,00X35	---	---
848175	15,20X21,00X32	COMMUTATOR	---
848176	16,00X20,05X10	COMMUTATOR	---
848222	16,13X18,00X22	INT. PIINION	850211
848015	16,17X21,00X34,80	COMMUTATOR	4073385
848016	16,19X22,00X19	COMMUTATOR	---
848017	16,25X22,02X29	PIINION	---
848844	16,67X19,60X19	---	9923764
848018	17,17X21,00X21,80	COMMUTATOR	809774
848019	17,24X21,00X31,80	COMMUTATOR	994563
848204	17,65X21,60X9,50	INTERMEDIATE	9983619 / 9936720 / 9956667
848022	18,13X24,02X28	PIINION	4073396
848021	18,19X22,00X40	PIINION	994566
848021	18,19X22,00X40	INT. PIINION	---
848020	18,29X22,00X29,90	PIINION	809790

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
FIAT			
848229	18,86X22,85X13	INTERMEDIATE	9939386 RITMO DIESEL
848059	19,10X23,10X13	INTERMEDIATE	---
848057	19,11X23,08X9,80	INTERMEDIATE	---
848058	19,12X25,10X12,80	---	9918346
848169	19,13X25,09X10	---	9018546
848177	20,02X24,06X12	INTERMEDIATE	---
848024	20,10X25,05X28,20	COMMUTATOR	373565
848023	20,17X25,01X22	COMMUTATOR	804919
848026	20,18X25,01X39,80	PIINION	637105
848025	20,22X25,01X31,90	COMMUTATOR	994741
848027	20,22X25,01X44,90	PIINION	994744
848402	20,29X23,98X27	---	627798
848225	20,31X24,00X13,90	INTERMEDIATE	---
848058	22,08X26,10X23	---	---
848172	22,14X28,07X11,20	---	9920342 / 79052278
848028	24,20X29,00X18	INTERMEDIATE	---
848411	25,00X30,00X33X1,5X15	---	
848060	26,09X30,15X33X2,5X11,4	PIINION	---
848178	28,18X33,00X28	INTERMEDIATE	---
848029	28,18X33,01X24	INTERMEDIATE	4073399
848030	30,19X35,01X24,70	INTERMEDIATE	637106
848031	30,23X35,01X20,50	INTERMEDIATE	804941
848401	34,50X39,09X42	---	9923728
848150	40,12X48,04X10,5	---	9920337 / 79052271
<u>DYNAMO</u>			
848032	12,06X17,00X21		
848034	14,00x20,00x36	COMMUTATOR	4059193
848033	14,07x20,01x29	COMMUTATOR	
848036	15,05X20,00X40	COMMUTATOR	
848035	15,07X20,01X35,80	COMMUTATOR	4079090 / 4046719
848037	15,02X20,01X46	COMMUTATOR	

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
MARELLI			
848426	8,02X11,50X14,5X1,5X9,98	---	---
848415	10,00X13,95X13,35	---	74866210
848038	10,08X14,09X13	BOTH SIDE	95067113 / 83221161
848003	10,08X14,02X13,5	BOTH SIDE	74868210
848002	10,08X14,02X15	PINION	74860380
848422	10,12X15,02X15	---	63222034 (STARTER)
848421	10,65X14,00X13,5	---	---
848257	11,04X15,08X15	DEMULIPLICAT.	---
848007	12,03X16,02X17	---	74887310
848416	12,06X16,00X12	---	74881110
848006	12,07X16,01X16,30	COMMUTATOR	74705710
848227	12,07X16,02X11,30	---	74887890
848004	12,08X16,01X14	COMMUTATOR	74860300
848039	12,09X16,01X18,5	PINION	95067138
848009	12,11X16,01X24	PINION	74866140 / 74754210
848042	12,54X16,57X19,5	COMMUTATOR	95067139
848040	12,55X16,56X15,8	BOTH SIDE	95067109
848045	12,57X16,55X18	PINION	95067111
848425	12,59X17,55X19,60	PINION	MT74
848145	12,59X18,55X19,60	PINION	72362510
848034	14,00X20,00X36	---	
848014	14,06X18,00X22	PINION	74705810
848033	14,07X20,01X29	---	74997420
848221	14,09X16,00X21,5	INT. PINION	74754610
848043	14,10X17,50X17	COMMUTATOR	95067001
848043	14,10X17,50X17	BOTH SIDE	
848144	14,16X20,06X12	COMMUTATOR	72362910
848418	14,18X19,80X20,5	BOTH SIDE	74393930
848428	14,31X18,93X17,7	PINION	---
848037	15,00X20,01X46	---	74932601
848036	15,05X20,00X40	COMMUTATOR	74930710
848423	15,07X18,10X11,8	---	---

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
MARELLI			
848427	15,07X18,22X14	---	---
848035	15,07X20,01X35,80	COMMUTATOR	74948010
848175	15,17X21,00X32	COMMUTATOR	74871590
848222	16,13X18,00X22	INT. PINION	74705910
848015	16,17X21,00X34,80	COMMUTATOR	74734010
848016	16,19X22,00X19	COMMUTATOR	74825410
848017	16,25X22,00X29	PINION	74826710
848044	16,67X19,60X19	COMMUTATOR	MWMB 651/27
848019	17,24X21,00X31,80	COMMUTATOR	74713110
848424	18,04X23,00X7,25	STARTER	E70R-1,4/12
848021	18,19X22,00X40	INT. PINION	74735910
848022	18,23X24,02X28	PINION	74798210
848020	18,29X22,00X30	PINION	74715110
848045	19,13X22,30X10,30	BOTH SIDE	MWMB 651/40
848414	20,00X24,00X15	BOTH SIDE	72364801
848219	20,00X25,00X15	---	---
848024	20,10X25,05X28,20	COMMUTATOR	74781810
848417	20,17X25,01X22	COMMUTATOR	74898410
848026	20,18X25,05X39,80	---	74782010
848025	20,22X25,01X31,90	COMMUTATOR	74723710
848027	20,22X25,01X44,90	PINION	74725310
848146	20,31X24,00X13,9	BOTH SIDE	72365010 / 72364801
848046	21,10X25,08X26	COMMUTATOR	MWMB 651/45
848028	24,20X29,00X18	BOTH SIDE	74827010
848178	28,18X33,00X28	BOTH SIDE	74871650
848029	28,18X33,01X24	BOTH SIDE	74735510
848030	30,19X35,01X24,70	BOTH SIDE	74781910
848031	30,23X35,01X20,50	BOTH SIDE	74725410
848420	35,10X44X45,4X6,35X42,7	PINION	ALMB 40 L1X
848419	35,10X44X45,4X6,35X49	PINION	ALMB 40 L2X

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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MARELLI

WHITE METAL BUSHING

848047	14,28X19,75X20,5	---	95067110
848048	15,02X20,00X20	---	95067104
848429	15,02X20,00X20	---	95067104/A
848049	15,02X20,00X23	---	---

DYNAMO

850003	34,50X40,15X50,1X16,8X43	PINION	MDMB 67 L505Z
850004	34,50X40,15X50,1X16,8X43	PINION	ALMB 40 L2X
850008	34,50X44X45,4X6X49,5	PINION	ALMB 40 L2X
850006	34,80X44,10X45,4X6X43	PINION	ALMB 40 L1X

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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BOSCH

848454	4,08X7,02X7,1 (FERR0)	---	1000390001
848236	8,08X11,12X8	RIDUTTORE	1000301054 / 1000301076
848437	8,09X11,12X10	GEAR WHEEL	EV2,2 STARTER 218
848440	10X13X8,5	GEAR REDUCTION	1000301504
848439	10X13X10,5	GEAR WHEEL	1000301504
848434	10,03X16,55X10,35	---	1000301061
848453	10,04X16,55X18,7X1,5X14,7	PINION	1000322005
848233	10,05X16,55X11,5	COMMUTATOR	9001140347
848201	10,08X14,04X9,9	---	1000301056
848151	10,08X14,09X13	COMMUTATOR	2000301128
848152	10,08X14,09X13	PINION	2000301013
848443	11,02X15,00X20,8 (FERRO)	---	1420301002
848451	11,03X13,51X9	---	1000301072
848430	11,03X13,55X20	---	---
848050	11,06X13,60X14	---	0001208421
848050	11,07X13,60X14	PINION	1000301021
848204	11,10X12,60X10,5	PINION	2000301022
848205	11,10X12,60X11,5	PINION	1000301032
848458	11,70X15,02X20	---	4057960602
848448	12,03X16,00X10	---	9001140384
848460	12,07X15,05X15	COMMUTATOR	1000301063
848155	12,07X16,12X16	PINION	1000301011
848211	12,10X13,50X11,5	---	1000301009
848211	12,10X13,57X11,5	---	1000301031
848213	12,10X13,60X13,5	---	1000301053 / 077 / 026
848212	12,10X13,62X11,5	---	2000301020
848215	12,10X14,00X12	---	2000301040
848723	12,10X14,10X12	---	2000301420
848436	12,10X14,10X13	---	1000301078
848051	12,11X14,10X12	PINION	2000301023 / 2000103023
848153	12,12X14,11X13,80	PINION	2000301036
848156	12,37X16,62X15,8	BOTH SIDE	1009999109
848455	12,42X18,50X20,8 (FERRO)	---	BOSCH-FORD
848456	12,45X20,00X10,4 (FERRO)	DISTRIBUTOR	1230301030
848161	12,55X16,56X15,8	COMMUTATOR	1000301000

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
BOSCH			
848438	12,55X16,56X9,90	---	9001330323
848158	12,56X16,55X14	PINION	1000301002
848159	12,56X16,55X14	PINION	1000301047
848052	12,57X16,55X15,80	PINION	2000301019
848160	12,57X16,55X15,80	BOTH SIDE	1000301042
848162	12,57X16,55X18	PINION	2000301000
848157	12,57X16,56X11,5	COMMUTATOR	1000301046
848173	12,57X16,56X11,5	PINION	1000301012
848202	12,57X16,56X11,5	COMMUTATOR	1000301001 / 1000301034
848447	12,57X16,60X10	---	1000301062
848445	12,63X14,10X10,5	---	1000301010
848053	13,95X19,95X10	---	1000301420
848658	14,04X20,02X10	COMMUTATOR	1900301420
848147	14,06X18,03X14	GEAR WHEEL	2000301043
848163	14,08X17,58X15	COMMUTATOR	2000301009
848163	14,08X17,58X15	COMMUTATOR	2000301133
848164	14,08X17,60X17	COMMUTATOR	2000301001
848208	14,08X20,03X17	---	2000301037
848053	14,10X20,05X10	---	2000301025
848207	14,30X16,00X11,5	---	2000301031
848206	14,30X16,00X13,7	---	2000301024 / 2000301028
848054	14,36X16,02X10	---	1000301023
848433	14,36X16,02X17	---	2000301051
848056	14,36X16,02X23,5	---	2000301006
848055	14,36X16,03X18	---	1000301037
848165	14,36X16,03X18	PINION	1000301003
848432	14,36X16,04X27	---	2000301007
848457	14,44X16,00X15	---	---
848209	14,82X16,02X20,5	---	2000301044
848148	15,07X19,10X12	PINION	2000301030
848449	15,51X19,50X10	---	9001083373
848044	16,67X19,60X19	COMMUTATOR	2000301004
848166	16,67X19,60X19	COMMUTATOR	2000301141
848203	17,65X21,60X9,50	INTERMEDIATE	1000301022

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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BOSCH

848459	18,00X22,10X6	GEAR REDUCTION	1000301075 / 1000301068
848235	18,00X22,10X8	GEAR REDUCTION	1000301055 / 1000301074
848149	18,07X24,10X10	INTERMEDIATE	2000301014
848200	18,10X22,05X10,5	INTERMEDIATE	2000301137
848210	19,10X23,00X25X2X12	INTERMEDIATE	2000301039
848168	19,10X23,10X13	INTERMEDIATE	2000301041
848057	19,11X23,08X9,80	INTERMEDIATE	2000301026
848058	19,12X25,10X12,80	INTERMEDIATE	2000301011
848167	19,13X22,30X10,30	INTERMEDIATE	2000301130
848168	19,13X23,05X13,2	---	2000301049
848169	19,13X25,09X10	INTERMEDIATE	2000301002 / 2000301140
848450	20,87X25,00X11,8	---	---
848170	21,10X25,08X26	COMMUTATOR	2000301003
848170	21,10X25,08X26	COMMUTATOR	2000301131
848171	22,05X26,05X28	BOTH SIDE	2000301132
848059	22,08X26,10X23	---	2000301005
848172	22,14X28,07X11,20	COMMUTATOR	2000301016
848060	26,09X30,15X33X2,5X11,40	PINION	1000301013
848435	26,10X32,10X33,2X2,5X11,4	---	1000301027
848446	28,47X32,30X11	---	1000390001
848452	30,10X37,08X25	---	2000301139
850001	34,50X39,15X42	BIMETALLIC	2000410040
848431	34,60X44,00X43	---	2000322110
848444	35,03X41,00X49	---	9009991241
850006	35,10X44X45,4X6,35X42,7	GEAR REDUCTION	2000322020
848442	35,10X44X45,4X6,35X49	PINION	2000322022
848150	40,12X48,04X10,5	PINION	2000301015
848441	46,7X51,5X9,8	GEAR REDUCTION	1000301504
		<u>DYNAMO</u>	
848065	14,16X19,80X20,5		1100301010
848062	14,35X19,80X20,5	---	2100301001
848064	15,05X18,10X20,5	---	1100301001
848066	15,10X22,04X12,70	---	1100301003
848063	15,11X18,09X12,8	---	1100301001

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
LUCAS			
848470	5,02X9,00X9	---	54269545
848463	8,04X11,16X12	---	200231
848066	9,60X12,77X16	COMMUTATOR	253035
848464	11,00X16,00X13	---	54254774
848466	11,05X13,58X13,9	---	---
848093	11,10X15,87X12,7	COMMUTATOR	54244773
848724	11,15X15,85X26,2X2,4X16,3	---	54241267
848191	11,17X15,85X26,2X3X12,6	COMMUTATOR	---
848473	11,18X15,85X19	---	---
848465	12,03X13,56X18,79	PINION	54252075
848471	12,07X15,05X14	PINION	---
848067	12,07X15,10X12,8	PINION	253111
848094	12,08X15,07X16,90	PINION	54252054 - TCB114
848469	12,09X15,05X12	---	54269840
848467	12,09X15,05X8	---	54269790
848071	12,74X15,85X19	COMMUTATOR	250626- TCB127
848461	12,74X15,85X19	---	220598
848097	12,75X19,14X14	COMMUTATOR	54257833 -TCB118/B
848097	12,75X19,14X14	COMMUTATOR	54250589
848069	12,76X15,84X12,7	COMMUTATOR	251477-TCB125
848070	12,76X15,91X16,5	PINION	271364- TCB120
848068	12,77X14,36X17,4	PINION	256112
848096	12,79X15,94X15,80	COMMUTATOR	54252023
848095	12,80X15,95X14	COMMUTATOR	54256132- TCB118
848098	14,06X17,06X19,70	PINION	54252236 -TCB113
848462	14,32X17,62X17,5	---	54255190
848474	14,50X18,00X22	---	---
848199	15,10X18,20X25,4	COMMUTATOR	54210144
848075	15,86X19,16X29,5	PINION	270882
848072	15,92X17,53X17,5	PINION	270883
848074	15,95X19,14X15	COMMUTATOR	270330

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
LUCAS			
848478	4,17X6,15X11,1X1,5X3,18	---	---
848481	10,41X13,50X12,8	---	---
848480	11,14X14,34X17,5X1,5X9	---	---
848479	12,02X15,05X9	---	---
848477	12,09X15,08X19	---	---
848476	14,32X17,62X22,2	---	54246200
848073	15,97X19,12X19	COMMUTATOR	255491- TCB123
848483	16,03X19,12X22	---	---
848076	16,17X19,06X15	---	270008
848468	16,50X20,00X22X1,5X8	---	54268925
848482	17,03X18,75X25	---	---
848105	17,07X21,05X22	PINION	54255966 -TCB118
848475	17,10X19,05X23	---	---
848077	19,06X20,66X10,5	MIDDLE SIDE	250528
848079	19,06X22,20X20,60	---	250641
848106	19,10X22,25X25,4X2,6X20,6	---	54252322
848078	19,11X20,70X17,90	PINION	253316- TCB124
848078	19,11X20,70X17,90	PINION	251942
848080	19,12X20,70X20,30	PINION	250678-TCB126
848081	22,24X23,84X17,6	---	256113
848083	22,27X25,45X27,80	PINION	270017
848082	22,28X25,46X22,60	MIDDLE SIDE	255853 / 255859
848084	22,29X25,48X33,80	PINION	270038 -TCB122
848472	22,32X26,23X31,7X5X34	PINION	---
848085	25,47X28,65X17,40	MIDDLE SIDE	271733-TCB119
848110	25,47X28,65X21,60	MIDDLE SIDE	54252494 -TCB112
848109	25,50X28,66X19	MIDDLE SIDE	54251857
848111	28,56X31,77X38,1X2,4X13	MIDDLE SIDE	54256151 -TCB118
848201	28,60X38,00X12,7	---	54256161

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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LUCAS

DYNAMO

848850	15,00X18,22X20,6	COMMUTATOR	227313 / 227713 / UTB110
848860	15,11X18,20X22,2	COMMUTATOR	227818 UTB110
848862	15,11X18,21X19	COMMUTATOR	220258
848894	15,97X19,15X24,6	COMMUTATOR	238567
848895	15,97X19,15X31	COMMUTATOR	239263
848071	12,74X15,85X19	COMMUTATOR	220418

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
PARIS RHONE			
848502	6,00X10,04X13,76X2,1X8,2	---	D6RA/2C
848503	6,00X10,20X13,76X1,5X8,2	---	---
855007	6,02X9,04X7	---	D6RA/2B
848504	7,02X10,00X6,1	---	---
848501	10,03X13,04X13	---	105464
848500	10,03X13,04X16	---	105715
848484	11,97X15,06X18X1,5X16	PIN	78039
855005	12,03X15,04X10	FRONT SUPPORT	D6RA/24
848547	12,05X14,03X10,2	---	---
848551	12,05X15,07X18X1,5X15	---	---
848506	12,06X14,05X20	---	---
848114	12,07X15,05X15	BOTH SIDE	51914
848115	12,07X15,05X20	BOTH SIDE	35070
848218	12,08X14,08X14	---	---
848131	12,09X15,05X12	---	97726
848548	12,16X14,00X11,80	---	---
848549	12,61X14,53X12,8	---	---
848494	14,00X16,00X20	---	52203
848180	14,00X17,00X15	PINION	---
848407	14,05X18,03X16	COMMUTATOR	96485
848198	14,05X18,05X15	COMMUTATOR	50531
848117	14,07X18,05X18	MIDDLE SIDE	52123 / 49785
848118	14,07X18,05X20	MIDDLE SIDE	47852
848496	15,00X19,00X17	---	77268
848119	16,00X19,15X15	MIDDLE SIDE	30828
848120	16,00X20,00X16	PINION AND INT.	55744
848181	16,00X20,05X10	MIDDLE SIDE	74952
848492	16,00X20,08X8	---	104164
848488	16,05X20,04X24,9	---	71381
848498	17,00X19,00X12	PINION	97338
848499	17,00X19,00X12	PINION	94202
848937	17,08X21,05X24	BOTH SIDE	55330

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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PARIS RHONE

848121	17,08X21,05X24	---	74332
855006	18,02X22,04X5	BUSHING WITH GROVE	D6RA/2A
848495	19,00X23,00X25	---	103063
848497	20,00X23,00X23	PINION	59390
848505	20,02X24,03X5	---	---
848550	20,02X24,06X10	---	---
848122	20,02X24,06X12	MIDDLE SIDE	50488
848490	20,04X24,05X16	---	95654
848483	20,05X28,05X29	---	46388
848486	20,05X28,07X33X3X25	---	46390
848491	20,10X24,07X18	---	48499
848123	20,10X24,07X23	COMMUTATOR	47518
848124	20,10X24,07X25	PINION	49292
848125	25,00X30,00X20	MIDDLE SIDE	55331
855010	25,02X30,04X15	---	75289
848493	25,03X32,07X39X3,5X20	---	71437
848487	25,04X33,05X38X3,5X31	---	47906
848489	27,05X35,07X14	---	74330
848485	27,07X35,06X40X3,5X29,5	---	46389
		<u>DYNAMO</u>	
848856	15,07X19,05X18	COMMUTATOR	56015
848857	15,07X19,06X15	COMMUTATOR	48273
848143	17,05X21,05X20	COMMUTATOR	47403

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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DUCELLIER

848130	10,07X13,05X12	PINION	98888
848616	11,76X13,42X11,24	---	---
848182	11,95X15X12	---	604541
848182	11,95X15X12	----	---
848183	12,05X15,07X18X1,5X13,5	PINION	600664
848132	12,07X15,05X15	COMMUTATOR	84909 / 68430
848184	12,07X15,05X15	COMMUTATOR	68902
848133	12,07X15,05X20	PINION	82775
848131	12,09X15,05X12	BOTH SIDE	601476
848131	12,09X15,05X12	BOTH SIDE	97658
848131	12,09X15,05X12	---	68412
848195	13,04X15,04X12	---	600628
848197	13,04X15,04X12	---	602039
848196	13,04X15,05X14,5	BOTH SIDE	600609
848196	13,04X15,05X14,5	---	600928
848186	14,05X18,05X15	PINION	68763
848117	14,07X18,05X18	PINION	68449
848187	14,07X18,05X20	---	604521
848185	14,10X17,05X15	PINION	68754
848135	15,95X19,15X14	PINION	94909
848136	15,95X19,15X14	MIDDLE SIDE	74037
848137	15,95X19,15X16	PINION	---
848138	15,96X19,15X25	PINION	28947
848188	16,00X19,15X15	---	601476/M
848190	16,02X20,00X10	COMMUTATOR	---
848905	16,03X19,10X11	---	600183
848139	16,27X19,15X15	COMMUTATOR	28936
848139	16,27X19,15X15,20	---	68888

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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DUCELLIER

848189	20,10X24,00X12	---	604553
849038	20,26X24,05X10	---	72086
849039	20,26X24,05X12	MIDDLE SIDE	601061

DYNAMO

848140	12,07X15,05X15	COMMUTATOR	84909 / 68430
848141	12,12X15,05X18	COMMUTATOR	73031
848143	17,05X21,05X20	COMMUTATOR	87880
848142	17,09X21,08X18	COMMUTATOR	76546

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
AUDI			
849150	8,09X11,12X8	---	035 911 257
848201	10,08X14,04X9,9	---	035 911 213 B
848154	12,06X16,11X14	---	028 911 257
848155	12,07X16,12X16	---	059 911 257 A
848211	12,10X13,50X11,5	---	059 911 339
848173	12,57X16,56X11,50	---	040 911 257 A
848060	26,09X30,15X33X2,5X11,4	---	003 911 257
AUTO-LITE			
848622	11,98X15,11X25,4	PINION	MDU 34
848623	11,98X15,12X18,6	PINION	MDD 34
848655	12,05X13,12X16	PINION	C2 DF-11135A
848739	12,74X15,94X25,4	---	IG 579A
848741	12,75X15,94X19	PINION	MP 41A
848790	14,01X20,00X10	PINION	18-11052
848462	14,32X17,62X17,5	COMMUTATOR	GGU 38A
848872	15,87X19,08X32	---	MAB 124
848876	15,88X19,14X14,30	COMMUTATOR	MZ 44A
848877	15,88X19,14X14,30	COMMUTATOR	---
848892	15,95X19,03X38	PINION	MAB 49A
848138	15,96X19,15X25	COMMUTATOR	GAL 49
848138	15,96X19,15X25	COMMUTATOR	GBF 79
848897	16,00X19,16X18,70	PINION	MG 77A
848139	16,27X19,15X15,2	---	MZ 40A
848936	17,04X20,35X18,2	COMMUTATOR	GJC 38A
848058	19,12X25,10X12,80	COMMUTATOR	---

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
<u>BELARUS</u>			
848770	13,70X17,80X18,5	---	---
848800	14,05X17,75X19	---	---
849042	20,47X24,74X16,6	---	---
<u>BUTEC</u>			
849000	19,05X25,40X19,05	---	850141
849065	22,22X28,60X31,75	---	850139
<u>CAJAVEC</u>			
848154	12,06X16,11X14	PINION	1000301012
848658	12,06X16,01X14	COMMUTATOR	
<u>CAV</u>			
848873	15,87X19,10X17,5	PINION/COMM.	5933-603
848881	15,92X19,03X24,5	COMMUTATOR	5506-6
848888	15,94X19,03X19	COMMUTATOR	5846-54
848889	15,94X19,03X26,6	COMMUTATOR	5846-163
848891	15,94X19,13X17,5	COMMUTATOR	5846-54/A
848893	15,95X19,13X23,7X1,3X18	---	6211-303
848916	16,50X19,56X19,1	---	6027-207
848844	16,67X19,60X19	COMMUTATOR	5586-160
849056	21,66X25,05X27	---	5549-270
849064	22,05X26,05X28	---	5549-307
849127	28,32X32,98X26,7	PINION	5933-44
849141	34,50X39,15X47,7	PINION	5549-610

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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CHRYSLER

848619	11,90X14,90X18,9	---	2098986
848636	12,03X15,00X19	---	3656382
848071	12,74X15,85X19	COMMUTATOR	636845
848073	15,97X19,12X19	COMMUTATOR	652115
848939	17,20X20,80X17,9	---	2098987
848940	17,20X20,80X18	---	3656383
848976	18,93X22,20ZX14,9	---	2095076/2095242

DELCO REMY

856000	10,80X14,70X43,9	---IRON	---
856001	10,86X14,77X18,63	---	---
848581	10,87X14,75X18,42 (FERRO)	---	---
848618	11,83X14,30X19	---	---
848621	11,93X16,00X13	---	---
848638	12,03X15,20X12,8	---	1984530
848639	12,03X15,30X20	---	1930879
848216	12,07X13,25X18,16	---	1923907 / 1984268
848218	12,08X14,08X14	BOTH SIDE	3471553
848218	12,08X14,08X14	PINION/COMM.	3471069
848217	12,08X14,08X16	BOTH SIDE	3471068
848668	12,13X13,20X12,6	---	1932190
848735	12,73X14,30X20	---	1839345 / 1836505
848736	12,73X15,80X22,2	---	817947
848738	12,73X15,95X20,62	---	1862383
848742	12,75X16,00X21	---	1959998
848743	12,76X15,85X21,70	---	817047
848745	12,80X14,35X19,8	PINION	1839345
848769	13,53X19,00X21	---	826462
848796	14,03X17,00X16,10	---	10456459

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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DELCO REMY

848798	14,03X17,50X22,50	---	800139
848829	14,31X15,92X20,70	COMMUTATOR	35058
848830	14,33X15,90X19	PINION/COMM.	810620
848831	14,33X16,00X16,8	---	1938743
848832	14,33X17,50X20	---	1891927
848834	14,33X19,10X19,10	---	1955994
848835	14,33X19,20X24,6	---	38273
848836	14,33X19,70X25,50	---	1976047
848837	14,33X19,89X20	COMMUTATOR	812823
848838	14,33X20,00X20,30	---	1850786
848839	14,38X17,55X19,9	---	1872678
848840	14,43X19,15X25,3	---	1894636
848844	14,53X19,10X19,2	---	1943628
848882	15,93X17,50X15,9	---	1838670
848883	15,93X17,50X19	---	812410
848885	15,93X19,10X22,2	---	1894635
848887	15,93X19,20X19,90	---	1942258
848907	16,03X19,20X22	---	1945509
848908	16,03X19,70X22,60	---	1975589
848942	17,33X20,70X14	---	1943458
848946	17,52X22,30X28,9	---	1869755
848947	17,53X22,35X28,4	---	1894638
848997	19,03X20,70X22	---	1887433
848999	19,03X31,75X10,2	---	1962606
849002	19,08X20,65X18,25	---	820148
849005	19,08X22,60X19,3	---	1933999
849006	19,08X24,40X12,7	---	1938596
849007	19,08X24,70X29	---	1856826
849008	19,13X23,80X22,50	---	1904083 / 1943580
849011	19,33X22,30X18	---	1894023

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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DELCO REMY

849015	19,62X20,50X9,3	---	1957017
849021	19,93X24,80X29	---	1938754
849046	21,02X24,50X28,6	---	---
849049	21,13X24,50X31,75	---	1923484
849051	21,33X24,40X25	---	1988096
849052	21,33X24,50X31,70	---	1894637
849070	22,58X25,68X24,90	---	1985234
849128	28,40X32,00X32	---	1921660

ELMOT

848002	10,08X14,02X15	---	POLSKI FIAT 125P
848003	10,08X14,02X13,5	---	---
848010	12,11X16,01X24	---	POLSKI FIAT 125P POLONEZ
848664	12,07X16,01X16,3	---	POLSKI FIAT POLONEZ 1.5

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
FEMSA			
848230	10,06X13,95X16,70X1,5X13	---	12165
848565	10,06X14,05X16,50X2X13	---	12665-12
848232	10,06X14,06X16,74X1,9X14,6	---	12665-9
848130	10,07X13,05X12	PINION	3305-17
848003	10,08X14,02X13,5	BOTH SIDE	3305-13
848002	10,08X14,02X15	PINION	3305-82 / 3305-61
848151	10,08X14,09X13	PINION/COLL.	3305-89
848151	10,08X14,09X13	PINION/COLL.	3305-44
848573	10,50X14,06X16,50X2X13,5	---	12665-8
848614	11,57X13,14X12,42	---	---
848007	12,03X16,02X17	COMMUTATOR	3305-38
848643	12,04X15,93X13,80	---	3305-103
848644	12,04X16,02X16	---	3305-10
848660	12,06X17,00X21	---	3305-15
848661	12,06X18,10X19,87X1,9X17,50	---	12665-10
848140	12,07X15,05X15	COMMUTATOR	3305-2 / 3305-56
848663	12,07X15,05X20	PINION	3305-3
848218	12,08X14,08X14	PINION	3305-18
848004	12,08X16,01X14	COMMUTATOR	3305-84
848665	12,08X16,09X15	MIDDLE SIDE	3305-39
848010	12,11X16,01X24	PINION	3305-11
848041	12,57X16,55X18	PINION	3305-74
848098	14,06X17,06X19,70	---	3305-57
848801	14,06X19,10X20,65X1,9X17,50	---	12665-11
848802	14,06X20,10X21,87X1,9X17,40	---	12665-5
848117	14,07X18,05X18	BOTH SIDE	3305-45
848187	14,07X18,05X20	BOTH SIDE	3305-40
848033	14,07X20,01X29	---	3305-26

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
FEMSA			
848163	14,08X17,58X15	COMMUTATOR	3305-70
848164	14,08X17,60X17	COMMUTATOR	3305-69
848858	15,07X20,01X35,8	---	3305-16
848859	15,10X20,18X22,2	---	3305-58
848861	15,11X18,20X22,2	COMMUTATOR	3305-30
848880	15,91X21,00X31	---	3305-59
848890	15,94X19,13X17,5	---	3305-20 / 3305-42
848073	15,97X19,12X19	COMMUTATOR	3305-50
848896	15,97X19,15X31	COMMUTATOR	3305-31
848911	16,05X22,08X25,80X1,9X20	---	12665-3
848143	17,05X21,05X20	COMMUTATOR	3305-4
848058	19,12X25,10X12,80	MIDDLE SIDE	3305-72
848169	19,13X25,09X10	MIDDLE SIDE	3305-71
849048	21,10X25,08X26	---	3305-68
849063	22,05X26,05X28	---	3305-1
849066	22,31X26,11X34	---	3305-51

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
FORD			
848075	8,12X12,45X10	---	---
849148	6,99X11,94X10	---	---
848629	12,02X13,10X15,5	---	C 2DF-11135 A
848630	12,02X13,10X18,3	---	C 0DF-11448 A
848634	12,03X13,10X18	---	MC12
848637	12,03X15,10X10,5	---	D0AZ-11135 A
848641	12,03X16,00X9,9	---	---
848740	12,75X15,94X19	COMMUTATOR	YE 11052 / EOTA 11052
848069	12,76X15,84X12,7	COMMUTATOR	105 E 11052
848851	15,02X18,22X20,6	COMMUTATOR	EOTA 10128 B
848863	15,11X18,21X19	COMMUTATOR	E 93 A-10128
848871	15,86X19,16X29,5	PINION	B 11135 / 18 11052
848874	15,88X19,08X15,8	---	YE 11072
848875	15,88X19,14X14,30	---	7 W 11052
848878	15,90X17,50X14,2	---	C 2DF-11052 A
848879	15,90X20,70X17,5	---	B 9AF-11135 A
848884	15,93X19,10X11,90	---	MCH53
848138	15,96X19,15X25	COMMUTATOR	B 10128
848073	15,97X19,12X19	COMMUTATOR	E 27 11052
848906	16,03X19,10X15,10	---	MC-5,MCC-5,MDC34
848935	17,02X20,20X20,2	---	78-10120
849003	19,08X22,20X20,6	---	YE 11135
848078	19,11X20,70X17,90	PINION	105 E 11135
848080	19,12X20,70X20,30	PINION	EOTA 11135 / 19 E 11135
IFA			
849142	35,07X44,11X40	---	IFA TRUCK

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
<u>ISKRA</u>			
848003	10,08X14,02X13,5	BOTH SIDE	---
848569	10,10X15,01X10	---	16906373
848615	11,60X14,08X13	---	17.120.305
848642	12,04X15,03X11,9	---	---
848645	12,04X16,02X16	---	17.120.203
848667	12,12X15,04X13,9	---	16906372
848696	12,47X15,85X18	---	15.120.089 / 15.120.161
848053	14,04X20,02X10	COMMUTATOR	---
848833	14,33X18,05X18	---	STARTER AZJ3128
<u>LADA SAMARA</u>			
848617	11,80X16,00X23,25X2,2X19,1	---	2102-3003094
848010	12,11X16,01X24	PINION	2101-3708405
848155	12,07X16,12X16	PINION	---
848007	12,07X16,01X16,30	COMMUTATOR	2101-3708310
848140	12,07X15,05X15	COMMUTATOR	SAMARA
<u>PAL - SKODA</u>			
848003	10,08X14,02X13,5	BOTH SIDE	---
848574	10,65X14,02X7,1	---	---
848724	12,54X18,00X17	---	---
848640	12,03X16,00X10	COMMUTATOR	---
848720	12,54X16,52X14	PINION	09-24100 / 09-24103
848843	14,52X18,00X17	---	---
848855	15,03X20,00X20	---	931544 SKODA FAVORIT
848970	18,25X20,65X4,8	---	---
849001	19,06X22,55X14	---	932225
849047	21,09X24,70X4,3	---	SKODA FELICIA
849083	23,10X27,05X20	MIDDLE SIDE	931550

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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PRESTOLITE

849154	9,63X12,80X12,70	---	24-25
848737	12,73X15,95X18,80	---	24-28
848912	16,33X19,10X15,10	---	24-29
848886	15,93X19,10X24,60	---	24-3
848768	13,53X16,70X23,60	---	24-15
848948	17,63X20,80X12,70	---	24-79
849004	19,08X22,30X25,4X2,6X25,5	---	24-72
849067	22,33X25,50X25,40	---	24-21

ROMANIAN

848114	12,07X15,05X15	COMMUTATOR	DACIA
848131	12,09X15,05X12	BOTH SIDE	---
848132	12,07X15,05X5	COMMUTATOR	---

SAME

848040	12,55X16,56X15,8	PINION	296190803
848147	14,06X18,03X14	COMMUTATOR	296190907

SIEMENS

848698	12,50X15,95X18X2X20	---	A 6230
848793	14,02X18,04X17	---	A 6232
849009	19,22X22,53X11	---	A 6231

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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TRABANT

848564	10,05X16,05X18	---	TRABANT 1100
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URSS

848803	14,07X19,01X19,90	PINION	---
848657	12,05X16,01X23X2,6X19,5	---	---
849054	21,42X24,56X17	COMMUTATOR	---

VALEO

849144	6,03X9,00X7	REDUCTION PIN	D6RA/2B
848966	18,05X22,05X5	---	D6RA/2A
855005	12,03X15,04X10	FRONT SIDE	D6RA/24
849143	6,02X10,04X13,80X2,1X8,6	---	D6RA/2C

WOLKWAGEN

848050	11,07X13,60X14	PINION	113 301 155
848158	12,56X16,55X14	PINION	111 301 155
848173	12,57X16,56X11,5	COMMUTATOR	111 911 213A

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
<u>WAPSA</u>			
848131	12,09X15,05X12	BOTH SIDE	---
848666	12,12X14,11X14	PINION	---
<u>ZETOR</u>			
848841	14,50X18,00X15	---	---
848842	14,50X18,00X17	---	---
<u>HINO</u>			
848928	17,00X21,00X19	---	2620-002-00
848930	17,00X21,00X30	---	2620-004-00
848958	18,00X24,00X20,5	---	2620-018-00
848960	18,00X24,00X22,5	---	2620-003-00
848961	18,00X24,00X22,5	COMMUTATOR	6033-3062-30
848978	19,00X23,00X19	---	2620-011-00
848991	19,00X24,00X30	---	2620-007-00
848992	19,00X24,00X30	---	2620-010-00
849022	20,00X25,00X23	---	2620-023-00
849023	20,00X25,00X23	PINION	6033-3062-90
849068	22,50X29,00X28	---	2620-014-00
849077	23,00X28,00X25	---	2620-040-00
849119	28,00X34,00X28	---	2620-0010-00
849120	28,00X34,00X28	---	2620-015-00

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
HITACHI			
849145	6,04X9,81X7,04	---	---
849146	6,16X10,00X8,91	---	---
849147	6,84X11,00X8	---	---
849153	9,50X13,03X13,5	BOTH SIDE	2108-3601
848257	11,04X15,08X15	PINION	2114-3601
848257	11,04X15,08X15	PINION	2114-6601
848166	11,20X15,08X11,5	---	---
848602	11,52X15,08X11,80	COMMUTATOR	2114-4352
848603	11,52X15,08X13	COMMUTATOR	2114-1352
848605	11,55X15,08X14	COMMUTATOR	2106-1601
848609	11,55X15,08X14	---	2106-2352
848610	11,55X15,08X18	COMMUTATOR	2114-6302
848613	12,00X16,30X22,5	PINION	2114-1605
848627	12,20X15,08X18,5	---	---
848672	12,25X16,08X15	---	---
848684	12,50X16,05X12	COMMUTATOR	2114-5352
848699	12,50X16,10X12	---	2270-3502
848700	12,52X16,00X15	PINION	2114-4661
848709	12,52X16,08X18,5	PINION	2610-1601
848712	12,52X16,09X18,5	---	2114-1601
848717	12,54X15,09X18,5	PINION	2114-2661
848727	12,62X14,00X19,3	---	---
848726	12,62X14,00X12,5	---	---
848728	12,6X14,00X19,3	---	---
848729	12,62X14,04X12,50	---	--
848731	12,66X14,00X18,10	---	---
848733	12,72X16,00X15	PINION	2214-4601
848752	12,92X14,63X19,68	---	---
848755	13,02X16,08X15	PINION	2114-3661
848757	13,02X16,09X18	---	2114-1661
848758	13,02X16,09X18	PINION	2114-5601
848765	13,03X16,09X18,5	---	---
848767	13,40X18,00X22	---	---
848771	13,70X18,00X17	COMMUTATOR	2130-1310

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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HITACHI

848775	13,80X19,20X20	COMMUTATOR	2114-2302
848766	13,13X14,52X18,5	---	---
848256	14,00X18,00X20	PINION	2120-2601
848794	14,02X18,04X17	---	2130-2601
848791	14,02X15,60X16	---	2120-25001
848848	14,90X20,00X16,5	COMMUTATOR	2120-3302
848854	15,03X20,00X16	COMMUTATOR	2120-4302
848899	16,00X20,00X30	---	2210-4302
848900	16,00X20,00X36	---	2250-1502
848902	16,02X18,50X7	---	2114-24101
848904	16,02X21,10X16,9	---	2250-3601
848943	17,50X20,10X7,5	MIDDLE SIDE	2114-1452
848949	17,70X24,10X19	COMMUTATOR	2250-1302
848952	17,70X24,10X24	---	2270-1302
848953	17,80X21,00X7,5	---	2114-4401
848964	18,02X24,10X21	---	2210-4601
848968	18,12X22,04X6,79	---	2114-44101
848968	18,12X22,10X7,1	---	2114-14101
848969	18,20X21,00X7,5	---	2114-4461
849016	19,70X25,00X23,5	PINION	2250-1601
849019	19,70X25,10X26	---	2270-1601
849034	20,12X25,12X9,25	---	---
849035	20,18X25,02X10,8	---	---
849036	20,20X26,50X12,5	MIDDLE SIDE	2120-4401
849041	20,37X26,50X12,5	MIDDLE SIDE	2120-3401
849057	21,67X26,46X12,55	---	S114-232
849062	22,03X26,26X5,19	---	---
849074	23,00X28,00X24	PINION	2210-3601
849089	25,00X30,00X26,5	MIDDLE SIDE	2210-8401
849098	25,72X32,10X28,1	---	2280-1401
849107	27,00X33,00X26	MIDDLE SIDE	2250-2401
849112	27,12X31,23X31,40X2,2X5,8	---	---
849113	27,14X31,14X5,8	---	---
849125	28,30X35,70X10	MIDDLE SIDE	2608-8401
849140	34,02X40,00X31	---	2270-1402

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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HONDA

848552	10,00X12,10X13	BOTH SIDE	31233-611-004
848703	12,52X14,72X14	COMMUTATOR	31209-590-004
848258	12,52X16,08X12	---	2114-5352
848710	12,52X16,08X15	---	2114-4661
848320	12,54X16,55X10,5	---	31210-590-004

HYUNDAI

848559	10,02X14,00X12,5	COMMUTATOR	36112-11140
848633	12,02X16,10X9,5	---	36182-21740

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
ISUZU			
848558	10,00X20,00X30	COMMUTATOR	8211-5389
848257	11,04X15,08X15	PINION	8211-1239
848257	11,04X15,08X15	PINION	8211-2139
848606	11,52X15,08X13	COMMUTATOR	8211-2140
848611	11,55X15,08X14	---	8211-2121
848646	12,04X16,60X10,5	---	8211-2131
848687	12,25X16,60X10,5	---	8211-2130
848258	12,52X16,08X12	COMMUTATOR	8-94208-2950
848258	12,52X16,08X12	PINION	8-94208-2980
848711	12,52X16,08X15	---	8-94208-2890
848302	12,52X16,09X18,5	---	8211-1331
848259	12,54X16,55X10,5	COMMUTATOR	8211-2129
848264	12,54X16,55X14	PINION	8211-2135
848759	13,02X16,09X18	---	8211-5303
848772	13,70X18,00X17	COMMUTATOR	5-81119-0120
848782	14,00X17,00X16	BOTH SIDE	5-81129-0090
848783	14,00X17,00X16	PINION	9-8211-5433-0
848784	14,00X17,00X16	COMMUTATOR	9-8211-0090
848785	14,00X17,00X16	---	8211-5433
848256	14,00X18,00X20	PINION	8211-1376
848788	14,00X20,00X24X2X20,5	PINION	1-81129-0010
848789	14,00X20,00X24X2X20,5	PINION	8211-1322
848845	14,80X20,00X16	COMMUTATOR	8211-1584
848846	14,80X20,00X16	COMMUTATOR	8211-1585
848866	15,50X20,00X15	---	1-81129-0250
848867	15,50X20,00X15	---	8211-6134
848944	17,50X20,10X7,5	---	8211-1455
848950	17,70X24,10X19	COMMUTATOR	8211-2116

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
ISUZU			
848954	17,80X21,00X7,5	---	8211-5222
848971	18,50X24,50X32	---	8211-1356
848980	19,00X23,00X20	PINION	1-81129-0410
848984	19,00X23-27X18,5	---	8211-1355
848986	19,00X24,00X19,5	COMMUTATOR	1-81129-0060
848987	19,00X24,00X19,5	COMMUTATOR	9-8211-1549-0
848988	19,00X24,00X19,5	---	8211-1549
848989	19,00X24,00X19,5	---	8211-6157
849017	19,70X25,00X23,5	PINION	8211-1324
849020	19,70X25,10X26	---	8211-1335
848989	19,00X24,00X19,5	---	811-6157
849037	20,20X26,50X12,5	MIDDLE SIDE	8211-2134
849058	22,00X26,00X22	PINION	8211-5284
849059	22,00X26,00X22	---	8211-8284
849075	23,00X28,00X24	PINION	8211-1392
849090	25,00X30,00X26,5	MIDDLE SIDE	8211-1474
849091	25,00X30,00X26,5	MIDDLE SIDE	8211-8401
849099	26,00X31,00X26,1	---	8211-1565
849101	26,00X31,00X28	COMMUTATOR	8211-1576
849104	27,00X32,00X25	MIDDLE SIDE	1-81129-0020
849105	27,00X32,00X25	---	8211-1420
849108	27,00X33,00X26	MIDDLE SIDE	8211-2126
849114	28,00X32,00X28	MIDDLE SIDE	1-81129-0300
849117	28,00X32,10X28	MIDDLE SIDE	1-81129-0420
849136	30,00X36,00X36	MIDDLE SIDE	8211-1450
849138	32,50X38-42X33	---	8211-1445
849158		---	8211-1339
849159		---	8211-1461
849160		---	8211-6155

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
MAZDA			
848555	10,00X14,00X12	COMMUTATOR	0135-18-421
848561	10,02X14,00X13	---	---
848576	10,80X12,50X16	PINION	0114-18-422A
848584	11,00X12,40X11,5	PINION	0135-18-423A
848591	11,02X14,00X13	---	---
849156	11,06X13,03X13	PINION	0426-24-715
849156	11,06X13,03X13	---	0324-18-400A
849156	11,06X13,03X13	---	0426-24-715A
849156	11,06X13,03X13	---	1907-18-400A
848652	12,04X16,60X14	---	0114-18-735
848669	12,20X13,60X18	PINION	0636-24-751
848266	12,25X13,60X15	PINION	0559-14-713
848681	12,25X14,30X18	---	4894-24-715
848685	12,25X16,50X14	---	0114-18-734
848704	12,52X14,72X14	---	0290-24-841A
848259	12,54X16,55X10,5	COMMUTATOR	0114-18-557A
848259	12,54X16,55X10,5	COMMUTATOR	0114-18-557
848264	12,54X16,55X14	---	0114-18-501A
848264	12,54X16,55X14	PINION	0221-23-744
848810	14,20X18,00X12,5	COMMUTATOR	0604-23-662
848265	14,27X17,26X12,50	PINION/COMM.	0222-24-741
848265	14,27X17,26X12,50	---	0249-24-731
848265	14,27X17,26X12,50	MIDDLE SIDE	0820-24-707
848265	14,27X17,26X12,50	---	0845-18-400
848922	16,80X20,20X18	PINION/BOTH SIDE	1304-24-712
849030	20,00X26,00X24	COMMUTATOR	0636-24-731
849044	20,63X24,62X10	---	---

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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MAZDA

849132	30,00X36,00X24,5	COMM./MIDDLE SIDE	0636-24-742
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MITSUBA

849152	8,13X13,10X8,3	---	---
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849082	23,03X27,02X6,12	---	---
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REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
mitsubishi			
848553	10,00X12,10X13	---	MD 604151
848556	10,00X14,00X12	COMMUTATOR	M 409 D30201
848560	10,02X14,00X12,5	COMMUTATOR	M 409 C12970 / MD 607892
848566	10,08X14,04X9,5	---	MD 611042
848567	10,10X12,02X14	---	---
848568	10,10X13,01X16X2X10,5	---	M 409 X32571
848575	10,72X12,30X21	---	---
848577	10,80X12,50X16	PNION	M 410 D10101
848578	10,80X12,50X16	---	E 64430258 M
848579	10,80X12,50X16	---	MD 602057
848582	10,93X13,02X15,5	---	---
848585	11,00X12,40X11,5	PNION	M 410 D10201
848586	11,00X12,40X11,5	---	MD 602583
848587	11,00X12,40X15	---	M 409 X10771
848588	11,00X12,50X19	---	M 410 D10701
848589	11,00X12,80X12,5	---	M 410 D12171
848592	11,02X14,00X13	---	MD 607714 / MD 607741
848597	11,04X15,08X12	COMMUTATOR	M 409 D30101 / 30103
848598	11,04X15,08X12	---	M 410 D30101
848600	11,04X15,08X14	---	M 409 D30901
848265	11,06X13,03X13	PNION	M 410 D11271
848265	11,06X13,03X13	---	MD 602687
848265	11,06X13,03X13	---	MD 602686
848267	11,06X13,03X16	---	---
848620	11,90X16,20X20	---	6554-426945
848624	12,00X13,60X16	---	M 409 X11471
848625	12,00X13,70X16	---	M 409 X11571
848626	12,00X14,40X16	---	M 410 S11601
848632	12,02X16,00X9,5	---	E 356-18-81 / MD 607903
848635	12,03X14,00X21	---	---
848647	12,04X16,60X10,5	---	K 437455-0
848648	12,04X16,60X10,5	---	MD 604112 / 6067903
848670	12,20X13,60X18	---	K 427332-0

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
mitsubishi			
848675	12,23X14,32X15,7	---	---
848266	12,25X13,60X15	PNION	M 410 D10501
848266	12,25X13,60X15	---	M 409 X11371
848266	12,25X13,60X15	---	K 417338-0
848677	12,25X13,60X18	---	M 409 X11671
848678	12,25X13,60X18	PNION	M 410 D10301
848679	12,25X13,60X18	PNION	M 410 D10601
848680	12,25X13,60X18	---	MD 602276
848682	12,25X14,30X18	PNION	M 410 D11671
848688	12,25X16,60X10,5	---	K 437453-0
848689	12,25X16,60X10,5	---	MD 604111
848693	12,27X13,60X18	---	E 81410608 M / K 627324-1
848705	12,52X14,72X14	---	MD 604062
848715	12,53X15,12X10	---	---
848259	12,54X16,55X10,5	---	K 437452-0 / MD 604066
848744	12,80X14,00X18,19	---	---
848746	12,80X14,42X18,19	---	---
848747	12,80X14,83X18,19	---	---
848748	12,83X14,90X21,5	---	---
848749	12,83X14,90X26	---	---
848750	12,83X15,72X21,5	---	---
848751	12,90X14,44X17,79	---	---
848804	14,12X15,90X10,7	---	---
848805	14,16X18,10X11,15	---	---
848806	14,20X16,20X15,7	PNION	M 410 D12671
848811	14,20X18,00X12,5	COMMUTATOR	M 409 D30501
848814	14,20X18,20X22,5	---	6554-428842
848818	14,20X19,00X10	---	M 409 D30301
848820	14,20X20,00X14	COMMUTATOR	M 409 D30701
848821	14,20X20,00X14	---	E 81431342 M / K 427341-0
848822	14,20X20,00X14	---	MD 602168
848823	14,25X17,26X9,5	---	M 409 D32201
848265	14,27X17,26X12,50	MIDDLE SIDE	M 410 D00271

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
mitsubishi			
848265	14,27X17,26X12,50	PNION/COMMUTATOR	M 410 D30171
848265	14,27X17,26X12,50	---	MD 602213
848853	15,03X20,00X10	---	M3T 26685
848870	15,77X17,02X9,81	---	RES 4077
848913	16,50X19,10X10	---	ME 021995
848917	16,50X22,00X20	---	ME 022003
848923	16,80X20,20X18	PNION/BOTH SIDE	M 410 D11771
848924	16,80X20,20X18	---	M 410 S11701
848926	17,00X20,00X8	---	M 409 D01301
848927	17,00X20,00X8	---	MD 602239
848934	17,00X22,10X18	---	M 410 D13571
848962	18,00X24,00X22,5	---	2620-003-00
848973	18,83X20,02X11,5	---	---
848974	18,83X20,02X8,5	---	---
848981	19,00X23,00X20	---	7-21351-0950
848993	19,00X24,00X30	---	2620-007-00
849010	19,30X26,00X24	COMMUTATOR	M 410 D30501
849012	19,50X23,10X22	---	M 410 D31301
849025	20,00X26,00X18	COMMUTATOR	M 409 D30401
849027	20,00X26,00X18	---	E 61461819 M
849028	20,00X26,00X18	---	K 627316-1
849029	20,00X26,00X22	COMMUTATOR	M 409- D31201
849045	20,63X24,62X10	---	M 409 J00301
849050	20,30X28,00X20	PINION	M 410 D10901
849055	21,60X25,00X20	PINION	M410D10871
849078	23,00X28,00X25	---	2620-040-50
849115	28,00X32,00X28	--	7-32351-0960
849121	28,00X34,00X28	---	2620-015-00
849129	29,30X36,00X24,5	INTERMEDIATE	M 410 D00301
849133	30,00X36,,00X24,5	COMM./INTER.	M 409 D00201
849134	30,00X36,00X24,5	---	E 61461114 M

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
NIKKO			
848763	13,03X16,00X16	---	---
848764	13,03X16,02X20	---	---
848781	14,00X17,00X15	BOTH SIDE	21351-0621
848786	14,00X17,00X16	PINION	21351-0770
848795	14,02X20,00X24X2X20,5	---	21351-0581
848797	14,03X17,02X18	---	---
848799	14,03X17,52X19	---	---
848852	15,03X19,02X20	---	---
848868	15,50X20,00X15	---	21351-0250
848869	15,53X20,02X15	---	---
848972	18,50X24,50X32	---	SML-012
848982	19,00X23,00X20	PINION/COMM.	21351-0950
848985	19,00X23-27X18,5	---	SML-028
848990	19,00X24,00X19,5	COMMUTATOR	21351-0461
848996	19,00X24,50X18	---	21351-0270
848998	19,03X23,00X19	---	---
849053	21,40X27,00X18	---	21351-0510
849060	22,00X26,00X22	PINION	21351-0551
849061	22,00X26,10X21	---	21351-1010
849100	26,00X31,00X26,1	---	SML-034
849102	26,00X31,00X28	---	21351-0570
849103	26,00X31,00X28	COMMUTATOR	21351-0571
849106	27,00X32,00X25	MIDDLE SIDE	21351-0481
849116	28,00X32,00X28	MIDDLE SIDE	21351-0960
849118	28,00X32,10X28	MIDDLE SIDE	21351-0970
849137	30,00X36,00X36	MIDDLE SIDE	21351-0561
849139	32,50X38-42X33	---	SML-035
849161		---	M10-110-513

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
<u>NIPPONDENSO</u>			
848554	10,00X12,10X13	BOTH SIDE	028403-0090
848557	10,00X14,10X15	BOTH SIDE	949103-0810
848571	10,12X15,52X10,4	---	949103-3600
848583	10,98X13,60X20	---	028300-5830
848593	11,02X14,70X11	---	949103-3850
848594	11,02X14,70X12,8	---	---
848595	11,02X14,70X8	---	949103-3840
848649	12,04X16,60X10,5	---	949103-0450
848653	12,04X16,60X14	---	949103-0590
848258	12,04X16,60X17,6	---	949103-0610
848662	12,07X13,56X18,82	---	---
848676	12,24X16,55X17,6	---	949103-0600
848686	12,25X16,50X14	---	949103-0580
848690	12,25X16,60X10,5	---	949103-0440
848695	12,46X16,50X13,7	---	---
848283	12,50X15,50X10,50	---	949103-3160
848702	12,52X14,52X14	---	028403-0080
848706	12,52X14,72X14	---	028403-0081
848707	12,52X14,72X14	PINION/BOTH SIDE	028403-0082
848714	12,53X14,02X10,5	---	---
848716	12,54X14,45X13	---	---
848719	12,54X16,50X14	---	949103-2020
848259	12,54X16,55X10,5	COMMUTATOR	949103-0390
848264	12,54X16,55X14	---	949103-0540
848264	12,54X16,55X14	PINION	949103-1320
848721	12,54X16,55X15,8	---	949103-0550
848723	12,54X16,55X17,6	PINION	949103-0560
848725	12,62X14,00X10,40	---	---

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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NIPPONDENSO

848730	12,63X15,53X12,8	---	---
848732	12,70X16,80X20	---	949103-0420
848753	13,00X15,00X14,00	---	---
848773	13,80X18,30X20,6	---	949103-0470
848777	14,00X16,20X21,7	PINION	028403-0060
848807	14,20X16,30X19,8	BOTH SIDE	028403-0130
848808	14,20X16,30X19,8	COMMUTATOR	028403-0131
848815	14,20X18,30X20	---	949103-0460
848824	14,30X18,25X22	PINION	949103-0893
848826	14,30X18,30X20,6	COMMUTATOR	949103-0380
848805	15,20X20,00X16	---	---
848903	16,02X18,50X7	----	23319-42461
848909	16,03X21,02X17	----	----
848914	16,50X19,10X20	PINION	028403-0070
848918	16,50X22,00X20	COMMUTATOR	949103-0400
848932	17,00X22,00X20	---	028403-0010
848955	17,86X22,04X6,79	---	23319-97E00
848956	17,90X22,00X9	---	---
848975	18,83X20,10X11,3	---	---
848983	19,00X23,10X21	---	949103-0640
849013	19,50X24,00X18,5	PINION	028403-0040

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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NIPPONDENSO

849072	22,71X28,50X5,9	---	---
849080	23,02X28,50X3,90	---	---
849081	23,02X28,60X4,05	---	128000-8320
849084	23,20X26,00X8,5	---	949103-1660
849086	23,93X29,30X6,03	---	---
849087	24,00X28,30X18	---	028403-0250
849092	25,00X30,00X26,5	----	23441-90009
848093	25,00X30,00X26,5	MIDDLE SIDE	23441-99009
849095	25,30X28,10X3,80	---	---
849096	25,32X28,10X5,91	---	2976-4912
849097	25,32X28,10X9,61	---	2976-4912
849130	30,00X35,00X29	MIDDLE SIDE	949103-1170
849168		----	23441-99010

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
NISSAN			
848574	10,80X12,50X16	PINION	23319-09612
848599	11,04X15,08X12	COMMUTATOR	23338-10611
848601	11,04X15,08X14	---	23338-09611
848257	11,04X15,08X15	PINION	23319-21000
848265	11,06X13,03X13	PINION	23319-M 0110
848265	11,06X13,03X13	---	23319-M 0111
848604	11,52X15,08X11,80	COMMUTATOR	23338-E 6800
848607	11,52X15,08X13	COMMUTATOR	23338-21000
848608	11,52X15,08X18	COMMUTATOR	23338-61000
848612	11,55X15,08X14	COMMUTATOR	23338-09900
848628	12,00X16,30X22,5	PINION	23319-43600
848631	12,02X16,00X9	---	23338-M 8011
848656	12,05X16,01X10,5	---	---
848701	12,50X16,10X12	---	23338-N 3300
848761	13,02X16,09X18,5	---	---
849168			23441-99010
848671	12,20X13,60X18	PINION	23319-61501
848266	12,25X13,60X15	PINION	23319-37501
848683	12,25X14,30X18	PINION	23319-J 2000
848254	12,52X16,05X15	PINION	23319-N 3300
848258	12,52X16,08X12	COMMUTATOR	23338-E 3300
848713	12,52X16,08X18,5	PINION	23319-09600
848718	12,54X15,09X18,5	PINION	23319-M 0100
848734	12,72X16,00X15	PINION	23319-E 3100
848756	13,02X16,08X15	PINION	23319-E 6800
848760	13,02X16,09X18	PINION	23319-10600
848776	13,80X19,20X20	COMMUTATOR	23338-85060
848787	14,00X18,00X17	---	23338-61503

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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NISSAN

848256	14,00X18,00X20	PINION	23319-37502
848792	14,02X18,00X17	---	23319-61503
848812	14,20X18,00X12,5	COMMUTATOR	23338-21010
848813	14,20X18,00X12,5	---	23338-21012
848819	14,20X19,00X10	---	23338-15810
848265	14,27X17,26X12,50	COMMUTATOR	23338-P 0600
848265	14,27X17,26X12,50	COMMUTATOR	23338-P 0610
848265	14,27X17,26X12,50	COMMUTATOR	23338-76200
848847	14,80X20,00X16	COMMUTATOR	23338-37502
848849	14,90X20,00X16,5	COMMUTATOR	23338-65000
848901	16,00X20,00X36	---	23315-90001
848865	15,20X20,00X16	---	---
848903	16,02X18,50X7	---	23319-42461
848909	16,03X21,02X17	---	---
848945	17,50X20,10X7,5	MIDDLE SIDE	23441-10600
848951	17,70X24,10X19	MIDDLE SIDE	23338-90001
848955	17,86X22,04X6,79	---	23319-97E00
848957	18,00X20,00X35	---	23315-90004
849018	19,70X25,00X23,5	PINION	23319-90001
849031	20,00X26,00X24	COMMUTATOR	23338-61501

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
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NISSAN

849040	20,35X26,50X12,5	MIDDLE SIDE	23441-37501
849043	20,50X26,50X12,5	MIDDLE SIDE	23441-65000
849092	25,00X30,00X26,5	---	23441-90009
849093	25,00X30,00X26,5	MIDDLE SIDE	23441-99009
849076	23,00X28,00X24	PINION	23319-90003
849109	27,00X33,00X26	MIDDLE SIDE	23441-90001
849110	27,00X33,00X36	COMMUTATOR	23441-90006
849126	28,30X35,70X10	MIDDLE SIDE	23441-43600
849135	30,00X36,00X24,5	MIDDLE SIDE	23441-61501
849162		---	23319-61502
849163		---	23319-90004
849164		---	23338-61502
849165		---	23338-90003
849166		---	23338-99003
849167		---	23441-61502

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
<u>SAWAFUJI</u>			
848817	14,20X18,50X23	---	2620-016-00
848864	15,13X18,10X21,1	---	28111-1040 / 2620-082-0009
848929	17,00X21,00X19	PINION	2620-002-00
848931	17,00X21,00X30	---	2620-004-00
848941	17,22X19,20X20	---	---
848959	18,00X24,00X20,5	---	2620-018-00
848963	18,00X24,00X22,5	COMMUTATOR	2620-003-00
848965	18,03X21,00X20	---	2620-027-0009
848977	18,96X21,79X21	---	2620-096-0009
848979	19,00X23,00X19	PINION	2620-011-00
848994	19,00X24,00X30	---	2620-007-00
848995	19,00X24,00X30	---	2620-010-00
849024	20,00X25,00X23	PINION	2620-023-00
849069	22,50X29,00X28	MIDDLE SIDE	2620-014-00
849071	22,63X25,60X23	---	28125-1050 / 2620-081-0009
849079	23,00X28,00X25	PINION	2620-040-50
849122	28,00X34,00X28	MIDDLE SIDE	2620-001-00
849123	28,00X34,00X28	MIDDLE SIDE	2620-015-00
849124	28,02X31,00X20	---	2620-093-0009
<u>SUBARO</u>			
848694	12,42X16,00X23X3X18,5	---	---
<u>SUZUKY</u>			
848259	12,54X16,55X10,5	COMMUTATOR	31172-55010
848158	12,56X16,55X14	PINION	31152-56010
848563	10,03X14,10X15	BOTH SIDE	31172-51010
848562	10,03X12,10X13	COMM/BOTH SIDE	31152-65010

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
TOYOTA			
848570	10,10X15,50X10,4	---	90099-10149
848572	10,13X13,02X16	---	---
848590	11,00X14,70X12,8	---	90099-10150
848596	11,02X14,72X11	---	---
848263	11,02X14,72X8	---	90099-10157
848650	12,04X16,60X10,5	---	90099-01151
848651	12,04X16,60X10,5	---	90099-10040
848654	12,04X16,60X14	---	90099-10038
848258	12,04X16,60X17,6	---	90099-10044
848673	12,20X16,50X14	---	90099-10033
848674	12,20X16,50X17,6	---	90099-10043
848691	12,25X16,60X10,5	---	90099-01150
848692	12,25X16,60X10,5	---	90099-10039
848697	12,50X15,50X10,5	---	90099-10134
848350	12,52X14,72X14	PINION	28111-51011
848708	12,52X14,72X14	PINION	28111-51010
848259	12,54X16,55X10,5	COMMUTATOR	28131-20010
848259	12,54X16,55X10,5	COMMUTATOR	28131-21010
848259	12,54X16,55X10,5	---	90099-01146
848259	12,54X16,55X10,5	COMMUTATOR	90099-10028
848264	12,54X16,55X14	PINION	90099-10031
848264	12,54X16,55X14	---	90099-10058
848722	12,54X16,55X15,8	---	90099-10050
848263	12,54X16,55X17,6	PINION	90099-10032
848754	13,02X15,00X14	---	---
848762	13,02X16,50X10	---	---
848774	13,80X18,30X20,6	---	90099-10046
848778	14,00X16,20X21,7	PINION	28111-46010

REF.	DIMENSIONS	SUPPORT SIDE	ORIGINAL REF.
TOYOTA			
848779	14,00X16,20X21,7	---	28111-46012
848809	14,20X16,30X19,8	PINION/BOTH SIDE	28111-46011
848816	14,20X18,30X20	---	90099-10045
848825	14,30X18,25X22	---	90099-10054
848827	14,30X18,30X20,6	COMMUTATOR	28131-60010
848828	14,30X18,30X20,6	COMMUTATOR	90099-10027
848915	16,50X19,10X20	PINION	28111-47010
848919	16,50X22,00X20	COMMUTATOR	28131-76010
848920	16,50X22,00X20	---	90099-10029
848933	17,00X22,00X20	COMMUTATOR	28111-76010
849014	19,50X24,00X18,5	PINION	28111-77040
849073	22,73X28,52X5,9	---	---
849085	23,20X26,00X8,5	---	28125-41020
849088	24,02X28,30X18	---	90099-10060
849131	30,00X35,00X29	MIDDLE SIDE	28125-77040
849157	BOCCOLA CHIUSA	---	---

MAIN APPLICATION

REF.	CARS TYPE
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FIAT

848013	FIAT 500 A, B e C 1 ° SEREI, 110 B-ELR 508 2° serie, 1500 D-E
848008	500 A, B e C 1° serie
848012	500 A, B e C 1° serie
848005	500 A, B e C 1° serie
848011	1100 da serie B-ELR
848003	500 C ultima serie, 500 nuova, 600, 750, 850, 1100/103, 1200, Bianchina, A 112, 126, 126 Bis
848006	615 benzina e nafta, 1400 benzina e nafta, 1900, Campagnola, Trattore 25
848009	1400, 1900, 615 e Campagnola (motori a benzina)
848014	615, 1400 e Campagnola (motori a nafta), Trattore 25
848007	1300, 1500, 1800, 2100, 2300, 125, 124 coupé
848010	1300, 1500, 1800, 2100, 2300, 125, 124 coupé
848024	626, 640, 666, 680
848030	626, 640, 666, 680
848026	626, 640, 666, 680, 682 1° serie
848031	682 1° e 2° serie, 690, 691, OM Titano
848023	682 1° serie
848035	682 2° serie, 690, 691, OM Titano
848027	682 2° serie, 690, 691, OM Titano
848018	642 1° serie
848020	642 1° serie
848019	642 2° serie, 645, 650, C 40, C 50, OM Tigre 643 T, 643 N 1
848021	642 2° serie, 645, 650, C 40, C 50, OM Tigre 643 T, 643 N 1
848001	642 1° e 2° serie, 682 1° e 2° serie, 645, 650, 690, 691, c 40, c 50, OM Tigre, OM Titano
848004	Ad. 124, 128, 238, 127 Auto Bianchi Primula
848002	Ad. 124, 128, 238, 127 Auto Bianchi Primula
848015	Ad. 643, 693, 619
848022	Ad. 643, 693, 619
848029	Ad. 643, 693, 619
848403	Uno Fire (lato collettore)
848404	Uno Fire (lato pignone)
848007	Ad. 616 N, 616 NM, 625 N Ad. 616 N, 616 NM, 625 N
848153	Nuovo Fiorino Diesel e Pick Up
848016	Ad. 625 N 2, 650 N 1, 622
848017	Ad. 625 N 2, 650 N 1, 622
848028	Ad. 625 N 2, 650 N 1, 622
848227	Ritmo Diesel (lato collettore)
848228	Ritmo Diesel (lato pignone)
848229	Ritmo Diesel (intermedia)
848405	Uno Diesel (lato collettore)
848406	Uno Diesel (lato pignone)
848201	Tempra, Tipo 1750, Tipo 2000, Tipo TD, Punto Diesel, Punto TD
848034	500 Nuova Giardinetta
848032	500 C. u.s., 600 (dinamo 180 Watt), 1100/103, 1200 1° serie
848033	600 (dinamo 230 Watt), 1100/103 ultimi tipi, 1200 2° serie, 750, 850,124, Primula
848036	1300, 1500, 1800, 2100 2° serie, 1800 B, 2300
848305	1400 B, Campagnola Diesel u.t., 615, 642, 682, c 40, c 50, OM Tigre-(dinamo 350/24)
848037	1800, 2100 1° serie, 615, 642, 682, 690, 691, 645, 650, C 40, C50, OM Tigre, 1100 D-H

REF.	CARSTYPE
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MARELLI

848038	Per motorini MT 24, 27, 35, 40, 46, 49, Lancia Ardea, Aurelia, B 12, 20, 21, Appia, Flaminia, Alfa Romeo Dauphine, Giulietta, Innocenti Austin spyder, IM 3
848040	MT 28, 29, 30, 32, 47, 20, 17, 19, Lancia Aprilia, Aurelia, Flaminia, Sport, Coupé, G.T., Alfa Romeo 1900, 2000, Trattore Fiat OCI
848043	MT 21, 23, 42, 50, 56 A, Alfa Romeo 1900 super, Alfa Romeo 2006, Fiat 180072100 Maserati, Ferrari, Trattore Same u.t., Steyr, vari autocarri e trattori.
848041	(idem)
848045	(idem)
848044	Ad. Per motorini BNG (carri e autocarri), Alfa Romeo, Lancia, OM etc., autocarri esteri
848046	Ad. Per motorini BPD (vari autocarri nazionali ed esteri)
848414	Ad. Per MT 54, Alfa Romeo Giulia 1300/1600
848039	(idem)
848144	Ad. Per MT 67, MT 68, MT 71, MT 72
848145	Ad. Per MT 67, MT 68, MT 71, MT 72
848146	Ad. Per MT 67, MT 68, MT 71
848219	Ad. Per MT 72
848415	Fiat 127, 131, 132 G.M.
848002	Fiat 127, 131, 132 P.M.

WHITE METAL BUSHING

848419	Ad. Per motorini avviamento BNG & BPD Bosch e Marelli
848420	(idem)
850003	(idem)
850004	(idem)
848047	Ad. Per DN 33, OM Tigrotto, Leoncino, Orione, Supertaurus etc.
848048	Ad. Per DN 44, Alfa Romeo Giulietta, 1900 super u.r., 2000, Lancia Appia 2° e 3° serie
848429	Ad. Per DN 54, Trattore Landini C 35 e R 50
848049	Ad per DN 61, Innocenti IM 3

REF.	CARS TYPE
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BOSCH

848157	EED, AL/EGF, 1/12 R 14, Volkswagen, Porsche, Bmw, Ford D
848159	EED, AL/EEF L 1 E L 3, AL/EEF, Porsche, Volkswagen, Ford D
848164	EJD L 33, R 33, 39, 42, 45, 54, 60, 70, 79, 86, 88, 104, PJD, Opel, Mercedes 180/190 D Alfa Romeo e trattori nazionale ed esteri
848162	Autocarri: Alfa Romeo, Scania, Saviem, Volvo, trattori nazionali ed esteri
848167	EJD, Opel, Mercedes etc.
848169	PJD, Romeo e trattori, Maserati e Mercedes
848151	CDD, EDD, Lancia Flavia e Fulvia
848152	EDD, Lancia Flavia e Fulvia, Opel, Vw, Audi
848160	EGD, EGE, AR 15, AR 22, Bmw, Ford Taurus 12, 15, 17, Volvo, NSU Ro 80, Opel Olimpia, Rekord, Caravan
848155	Audi Diesel, Bmw, Fiat 132 GL-GLS, Ford, Opel, Mercedes, Volvo, Lancia Beta, Saab, m240d
848165	EED L 4, L 34
848158	EED R 30, Mercedes Benz vari tipi, Opel, Porsche, Volkswagen
848156	EGD, EJC
848163	EJD R 68 e 95, AR 1, AR 3, BR 1, Opel Kapitan, Mercedes Benz, autocarri Fiat, OM
848202	Alfa Romeo Giulia 1300, 1600, 1720, 2000, Alfetta, Alfasud, Audi, Bmw, Volvo, Ford 12, 15, 17, 20, Fiesta, Escort, Taunus, Granada, Mercedes, Opel, Lancia Fulvia u.t., Beta Vw., Porsche, Fiat Tipo 1100, 1370, 1500, M24AD
848173	Alfa Romeo Giulia 1300, 1500, 1750, 2000, Alfetta, Alfasud,, Audi, Bmw, Volvo, Ford 12, 15, 17, 20, Fiesta, Escort, Taunus, Granada, Mercedes, Opel, Lancia Fulvia u.t., Beta, Vw., Porsche
848044	BNG, autocarri e trattori
848170	BPD, autocarri e trattori
848163	Mercedes Benz, Opel
848172	Autocarri Mercedes, Scania, Saviem, Daf, Unic, Volvo, Fiat
848166	BNG
848170	BPD Scania
848150	Autocarri Mercedes, Scania, Unic, Daf, Fiat, Saviem, Volvo
848171	Applicazioni varie
848161	Mercedes
848149	Autocarri Mercedes, Scania, Unic, Saviem, Volvo, Fiat
848200	Peugeot 205, Uno, Golf, R9
848055	Applicazioni varie
848059	Applicazioni varie
848054	Applicazioni varie
848056	Applicazioni varie
848201	Peugeot 205, Uno, Golf, R9
848053	Alfa Romeo, Fiat 241, 616, O.M. trattori, Mercedes, Scania, Saviem, Volvo, Peugeot 604, Ford Transit
848052	Alfa Romeo Diesel, Fiat 131-132 D, Ford Transit, Mercedes, Opel, Ford Granada, Peugeot 504 D, M240D
848437	Fiat Tema
848439	Fiat Tema
848348	Alfa Romeo Diesel, Audi Diesel, Peugeot 504D, Golf, Mercedes D, Opel, Fiat trattori, Ford Granada, M240D
848440	Fiat Tema
848441	Fiat Tema
848446	Golf, Golf Diesel, Trasporter, ad. Per motorini serie 001124 e 001125
848448	M190, M250, Bmw (boccola che sostituisce il rullimo originale in ferro)
848051	Audi, Fiat 850, 131, Ford Fiesta, Opel Kadett,Ascona, Manta, Vw

REF.	CARSTYPE
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BOSCH

848050	Volkswagen, Porsche, Golf, Jetta
848060	Volkswagen, Porsche
848058	Autocarri Alfa Romeo, Scania, Saviem, Volvo, Mercedes, O.M
848057	Opel, Fiat 131-132 Diesel, M240D
848168	Ford camion, Mercedes, Transit, P 505 D
848153	Alfa Romeo Super 1300, 1600, 2000, Alfetta, Alfasud, Audi Peugeot 504, Fiat Ritmo 75 Volkswagen, Ford Fiesta 1100, Escort, Opel, Simca Horizon, Renault R 20, R 30, P305 Fiat Tipo 1100, 1370, 1500, Uno, Golf, P205
848203	Vw Golf, Golf Diesel
848204	Vw Golf
848205	Vw Golf Diesel, Golf N.M., M190D
848451	Golf, Golf Diesel, Trasporter, ad. Per motorini serie 001124 e 001125
848210	Ford Transit
848211	Golf, Jetta, Bmw
848233	Alfa 33 Turbo Diesel, Giulietta 2000, Audi 1000 e 2000 Diesel, Citroen 5C 25 D, Fiat Regata Diesel e Turbo Diesel, Ducato 14, Lancia Delta, Prisma e Tema Turbo Diesel, Mercedes 190 D, 200 D, 250 D, 300 D
848453	Alfa 33 Turbo Diesel, Giulietta 2000, Audi 1000 e 2000 Diesel, Citroen 5C 25 D, Fiat Regata Diesel e Turbo Diesel, Ducato 14, Lancia Delta, Prisma e Tema Turbo Diesel, Mercedes 190 D, 200 D, 250 D, 300 D
848454	Golf, Golf Diesel, Trasporter, ad. Per motorini serie 001124 e 001125
848235	Fiat Tema
848236	Peugeot 205, Uno Diesel, Golf D
848459	Peugeot 205, Uno Diesel, Golf D

LUCAS

848066	Alfa Romeo Giulietta
848067	Alfa Romeo Giulietta
848071	Ad. Per M 35 A-AS-G, RM 35S, M 418 SL, M 35 G/1-L3/1, Austin, Bedford, Hillman, Morris etc.
848080	Ad. Per Hillman, Morris etc.
848069	Ad. Per M 35 G Ford, Hillman, Rover, M.G., Sunbeam, Morris
848078	Ad. M 35 H Hillman, M.G.
848072	Ad. M 35 A, M 418 A, M 35 G/1, M 45, AL, M 418 G, M 45 G
848076	Ad. M 45 E
848068	Ad. M 35 G-1, M 45 G, M 418 AL, M 418 G, (Ford Consull, Hillman, Morris, Sunbeam)
848079	Ad. M 35 A
848081	Ad. M 45 AL/3, M 418 AL, M 418 A/1-2-3
848072	Ad. M 418 G
848073	Ad. M 45 G, 418 G
848072	Ad. M 45 G, 418 G
848082	Ad. M 45 E, M 418 G, M 45 G
848077	Ad. M 35 G-1, M 35 G
848417	Ad. M 45 G
848074	Ad. M 45 G
848070	Ad. M 45 G, CW 57
848085	Ad. M 45 G, CW 57 Nuffield, Ford Major, etc.
848110	Ad. Fordson, Nuffield, Land Rover
848098	Ad. Fordson, Nuffield, Land Rover
848094	Ad. Austin, Bedford
848097	Ad. Ford Transit (GB)
848105	Ad. Land Rover
848111	Ad. Alfa Romeo A 12, F 12 D
848109	Ad. Jaguar, Daimler
848096	Ad. Jaguar, Hillman, Singer
848095	Ad. Rover, Nuffield
848461	Ad. Austin Mini, Morris minor, MG,
848106	Ad. Triumph
	Ad. Bedford, Ford, Hillman, Sunbeam, Vauxhall
848071	Uno Diesel (lato pignone)
	Uno Diesel (lato collettore)
	Fiat Uno Diesel
848089	Ad. C 39 PV-2
848087	Ad. C 35 N/MV, C 39 YV, C 39 PV/LO
848088	Ad. C 39 PV-2
848086	Ad. C 35 A-M, MV
848091	Ad. C 45 PV-5
848090	Ad. C 45 E, J, MV, NJ, NV, PV, WV, YV, XV

REF.	CARS TYPE
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PARIS RHONE

848114	Peugeot 203, 204, 404, 504, Renault Dauphine , R 3, R 4, R 4 L, R 8, Floride Caravelle, R 10, 12, 16, 18, 19, Simca 1100, 1200, 1300, 1500, Aronde, Vedette, Citroen, 2 CV Ami 6, 8 ID 19, 20, 21, Panhard, Alfasud, Giulia, Alfetta 2000, STD, Talbot
848115	Citroen 2 cv, Panhard, Peugeot 204, 3 4 CV (lato pignone)
848118	Peugeot 203, 403, 404 d, Citroen ID, DS 21, Renault
848198	Simca Aronde, R 18, R 20, Trafic
848119	Citroen DS 19 e ID 19, 20, 21, Peugeot 403, 404 D, 504 D, Massey- Fergusson, Hatchkiss, Trattori Cima, Renault Frégate, autocarri, R 16, R 17
848123	Autocarri Citroen e Renault
848124	Autocarri Chausson
848117	Peugeot 203, 403, 404S, 504 D, Saviem
848121	Berliet, Hotchkiss, Perkins, Saviem
848122	R 18 D, P 504 D, P 505 D, Trafic
848125	Camions e trattori
848120	Citroen ID, DS 21
848181	Citroen, Peugeot, Renault, Alfasud, Giulia, Alfetta 2000
848180	Citroen, Peugeot, Renault, Alfasud, Giulia, Alfetta 2000
848484	Citroen
848407	Motorini D 11 e 163, 164 e 169 per Citroen 2000 e 2500 Diesel
848492	R 9 D, Super 5, Exp
848131	Citroen GS 1000, Dyane, Ami, Renault
855005	P 309, 405, R 19, Clio
848502	P 309, 405, R 19, Clio
855006	P 309, 405, R 19, Clio
855007	Renault
848503	Renault
848504	Renault
848505	Renault
848550	R 18 D, P 504 D, Trafic, P 505 D
848551	Peugeot 203, 403, 404, Renault Frégate, 4 CV, Dauphine, Simca Aronde, Panhard, Cima, Massey-Fergusson, Berliet, Citroen 2 CV, DS 19 e ID 19, 21, autocarri
848857	Panhard, Simca Aronde, Vespa 400, Cima, Massey-Fergusson, Peugeot 404 D, Simca 1000
848856	Renault R 4, R 4L, Simca 1000, 1300, R 8

REF.	CARS TYPE
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DUCELLIER

848132	Renault Dauphine, 4CV, R 4, R 4 L, R 8, Floride, Frégate, R 10, 16, Alpine, Peugeot 203, 403, 403/7, 404, Citroen 2 CV, Ami 6, DS e ID 19 Panhard, Simca 1000, 1100, 1200 1300, 1500, Alfasud, STD, Talbot, Renault Dauphine, Floride, Frégate 12 V, Peugeot 403 Panhard, Citroen 11 CV, DS e ID 19 12 V
848130	Renault Dauphine, 4CV, R 4, R 4 L, Alpine, R 8, Caravelle, Floride, Peugeot 203, 403 404, Panhard
848133	Peugeot 203, 403, 403/7, Citroen 2 CV, Ami 6, Renault 4 CV, Panhard, Simca 1100 1200, 1300
848134	Citroen DS e ID 19, 11 CV, Peugeot 403 Diesel, Simca, Renault Frégate, trattori ed autocarri
848135	Citroen DS 10 e ID 19, 11 CV
848136	Citroen DS 10 e ID 19, 11 CV
848137	Peugeot 402
848131	Citroen GS 1000, Dyane, Ami, Renault
848117	Peugeot, Citroen, Renault
848183	Peugeot 504 D, Citroen
848185	Peugeot, Citroen, Fiat 242 D
	Peugeot, Citroen, Fiat 242 D
848190	Peugeot, Citroen, Fiat 242 D
848131	Peugeot, Citroen
848184	Citroen GS 1000-1200, Ami super, Peugeot 504 D
848189	R 18 D, R 20 D, Trafic
848196	Renault R 5, 12, 15, 16, 18, 20, Volvo 343
848196	Renault 12, R 16, R 18
848143	Citroen DS 19 e ID 19, 6 V, Peugeot 203, 403, 403/7, 404 4 CV, Dauphine, Floride Frégate, Caravelle 6 V, Simca Aronde, Vedette
848142	Alfa Romeo Dauphine-Ondine, Citroen DS 19 e ID 19 12 V, Ami 6, Renault R 4, R 4 L R 8, Floride, Caravelle 12 V, Alpine
848141	Panhard, Peugeot 403 Diesel, Renault 4 CV, Citroen 2 CV, Simca Aronde-Ariane 4
848140	Renault 4 CV, Simca Aronde

REF.	CARSTYPE
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DELCO REMY

848217	Opel-motorini 143-154
848218	Opel

IMPORTANTE

Le ditte, i marchi ed i modelli citati in questo catalogo servono ad indicare la compatibilità con i relativi prodotti del nostro catalogo. Non intendiamo, invece, appropriarci in alcun modo dei suddetti segni distintivi, nè confondere con essi il nostro prodotto che va considerato a tutti gli effetti proveniente dall'Eurocarbo.

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