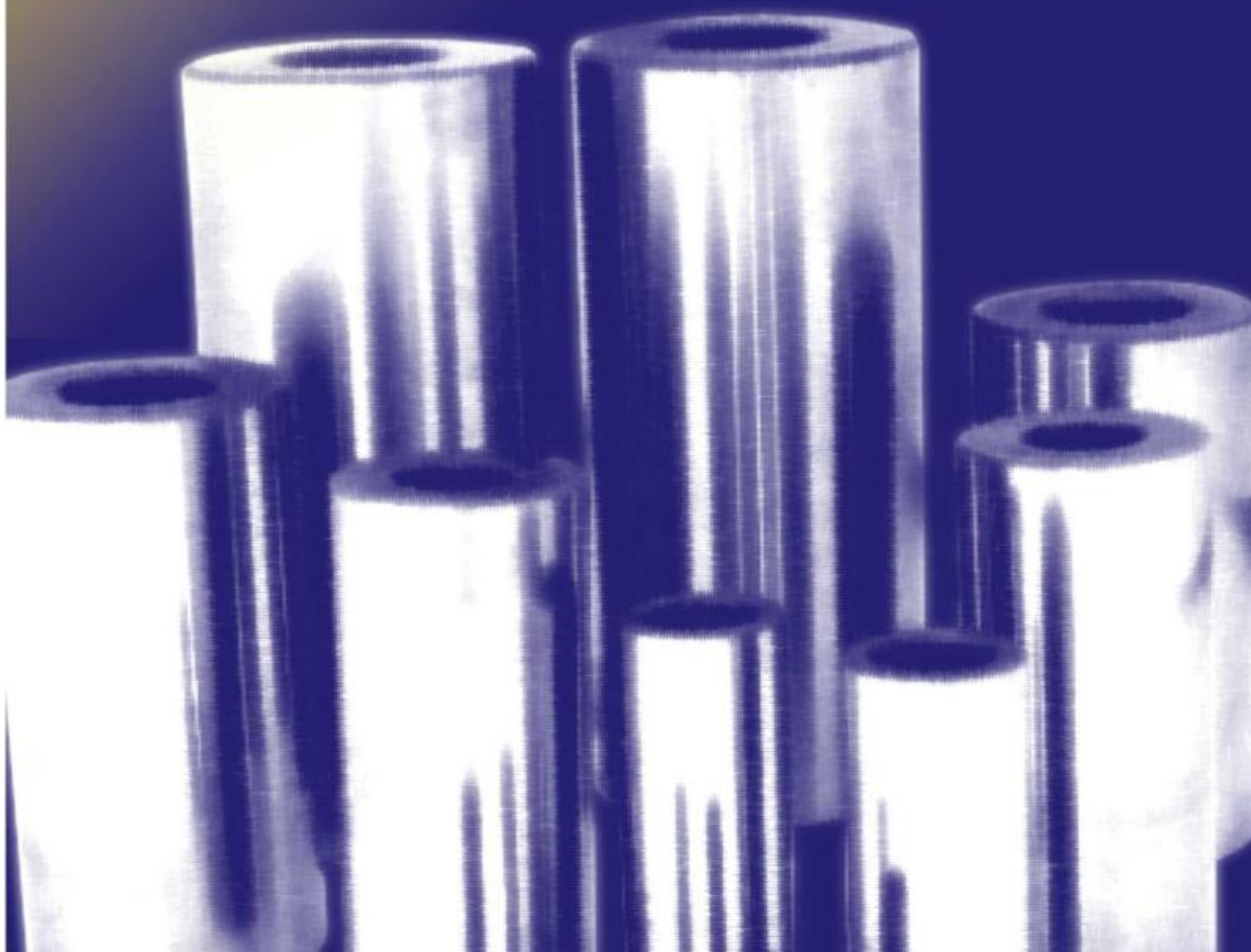




PESCARA

PERNOS DE PISTON

Catálogo 2009



Certificado

Normativa de aplicación **ISO 9001:2000**

Nº registro certificado 01 10006 084752

TÜV Rheinland Argentina S.A. certifica:

Titular del certificado: **Talleres Metalúrgicos Pescara S.R.L.**
Av. Sabatini N° 5039
5123 Córdoba
Argentina

Ambito de aplicación: Fabricación y Comercialización de pernos para pistones.

Mediante auditoría realizada, según consta en el informe n° 084752 se verificó el cumplimiento de los requisitos recogidos en la norma ISO 9001:2000.

La fecha límite para la auditoría de seguimiento es 15 de Octubre

Validez: Este certificado es válido desde 2009-01-06 hasta 2012-01-05.
Primera auditoría de certificación 2009

Buenos Aires, 2009-01-06

TÜV Rheinland Argentina S.A. *)
San José 83 - 7º Piso - C1076AAA



www.tuv.com



OAA ✓

Organismo
Argentino de
Acreditación

Organismo de Certificación de
Sistemas de Gestión de Calidad
OC900 08



TÜV Rheinland®
Precisely Right.

IDENTIFICACION DE MEDIDAS

Los pernos para pistón PESCARA se fabrican en medidas STD y las siguientes supermedidas:

Para los que trabajan deslizante en la biela:

+ 1/2 "	=	0.012 mm
+ 1 "	=	0.025 mm
005 "	=	0.125 mm
010 "	=	0.250 mm

Para los que trabajan fijos en la biela:

1er. Sup. Medida	=	0.010 mm
2da. Sup. Medida	=	0.015 mm

CODIFICACION POR TIPO DE MOTORES

Serie 1000 y 2000 corresponden a pernos para motocicletas

Serie 3000 corresponden a pernos para motores DIESEL

Serie 5000 corresponden a pernos para motores NAFTEROS

Los datos presentados en este catálogo se han compilado con el mayor cuidado, en base a información actualizada disponible. No obstante, la Empresa no asume responsabilidades por errores eventuales ya que los datos indicados se presentan como simples informaciones.

Dejamos expresa constancia que las MARCAS mencionadas en el presente catálogo, lo son al solo efecto de una referencia de los motores en los que pueden ser usado los productos PESCARA, reconociendo que las mismas son de uso exclusivo de sus respectivos propietarios.

1031	STHIL	10.00	32.00
1032	HONDA	10.00	32.50
1034	HONDA	10.00	34.20
3160	PERKINS	11.11	57.00
3160	BENDIX	11.11	57.00
3160	BURMOR	11.11	57.00
3160	CLAYTON	11.11	57.00
1231	ZANELLA	12.00	31.50
1232	GARELLI	12.00	32.50
1233	DAELIM	12.00	32.50
1234	ZANELLA	12.00	34.20
1237	JUKI	12.00	37.50
1240	ZANELLA	12.00	39.70
1242	SACH	12.00	42.00
5450	VILLA MOTORES	12.44	48.00
3161	PERKINS	12.70	52.40
3161	MIDLAND	12.70	52.40
3161	TENSA	12.70	52.40
1338	HONDA	13.00	38.40
3512	BENDIX	13.49	56.60
3512	WESTINGHOUSE	13.49	56.60
3210	SCANIA	13.50	58.50
1445	LAMBRETTA	14.00	45.50
5398	RENAULT	14.00	50.00
3419	MARELLI	14.00	57.00
3419	FIAT	14.00	57.00
3418	MARELLI	14.00	71.00
3514	MIDLAND	14.27	58.80
3514	VARGA	14.27	58.80
1538	HONDA	15.00	38.00
1541	SACH	15.00	41.00
1544	SACH	15.00	44.00
1545	ZANELLA	15.00	45.00
1550	VESPA	15.00	50.00
1552	GILERA	15.00	52.40
1556	GILERA	15.00	56.40
3117	MERCEDES BENZ	15.00	65.00
3446	SCANIA	15.88	60.30
1630	ZANELLA	16.00	30.00
1634	ZANELLA	16.00	34.00
1635	HONDA	16.00	35.20
1640	HONDA	16.00	40.00
1648	ZANELLA	16.00	48.00
1651	LAMBRETTA	16.00	50.50
1652	ZANELLA	16.00	51.80
1654	ZANELLA	16.00	54.50
1655	LAMBRETTA	16.00	55.00
3351	MERCEDES BENZ	16.00	60.00
1661	ZANELLA	16.00	61.00
3118	MERCEDES BENZ	16.00	62.00
3118	VOLVO	16.00	62.00
3119	MERCEDES BENZ	16.01	66.00
1730	ZANELLA	16.80	30.20
5507	VOLKSWAGEN	17.00	45.00
5451	VILLA MOTORES	17.44	58.00
5280	DITELLA	17.45	65.50
3472	CUMMINS	17.46	69.80
3472	HOLSET	17.46	69.80
5457	DATSUN	17.50	65.00
5483	CHEVROLET	18.00	55.00

1856	SACH	18.00	56.00
5454	DAIHATSU	18.00	60.00
5495	RENAULT	18.00	62.00
3516	KNORR	18.00	63.00
5290	DKW	18.00	63.00
5509	FORD	18.03	62.00
5489	FORD	18.03	64.00
5494	RENAULT	19.00	60.00
5492	RENAULT	19.00	62.00
5452	VILLA MOTORES	19.00	72.00
5511	JOHNSON	19.04	67.20
5514	JOHNSON	19.04	71.20
3517	WABCO	19.05	60.00
3517	MERCEDES BENZ	19.05	60.00
5281	DITELLA	19.05	68.60
3420	FIAT	19.05	73.00
3420	BURMOR	19.05	73.00
3420	CLAYTON	19.05	73.00
5521	JOHNSON	19.05	79.20
5523	PEUGEOT	19.49	57.00
5525	MERCURY	19.55	66.80
5527	MERCURY	19.55	73.80
5316	FIAT	19.98	54.00
5316	SEAT	19.98	54.00
5534	RENAULT	19.99	62.00
2046	ZANELLA	20.00	46.40
2048	ZANELLA	20.00	48.00
2050	ZANELLA	20.00	50.40
5310	FIAT	20.00	51.00
5310	SEAT	20.00	51.00
5529	KUBOTA	20.00	53.90
5472	FORD	20.00	54.00
5472	VOLKSWAGEN	20.00	54.00
5400	RENAULT	20.00	55.00
5270	CITROEN	20.00	55.60
5473	VOLKSWAGEN	20.00	57.00
5473	FORD	20.00	57.00
5473	SEAT	20.00	57.00
5473	AUDI	20.00	57.00
5401	RENAULT	20.00	58.00
2058	ZANELLA	20.00	58.40
3473	WABCO	20.00	60.00
3473	WESTINGHOUSE	20.00	60.00
5402	RENAULT	20.00	62.00
5402	FORD	20.00	62.00
5402	DACIA	20.00	62.00
5496	RENAULT	20.00	62.00
5271	CITROEN	20.00	63.80
5404	RENAULT	20.00	64.00
5404	FIAT	20.00	64.00
5404	DACIA	20.00	64.00
5403	RENAULT	20.00	65.60
5488	FORD	20.63	63.50
4245	JEEP	20.65	71.70
2137	ZANELLA	21.00	37.00
5493	RENAULT	21.00	57.00
5482	CHEVROLET	21.00	61.50
5474	RENAULT	21.00	65.00
5458	DATSUN	21.00	67.00
5456	DATSUN	21.00	72.00

5536	YAMAHA	21.50	75.80
5260	DODGE	21.82	73.00
5330	IKA	21.83	71.30
5331	IKA	21.83	71.90
5315	FIAT	21.97	71.00
5315	LANCIA	21.97	71.00
5315	LADA	21.97	71.00
5315	SEAT	21.97	71.00
5250	CHEVROLET	21.97	78.50
5466	VOLKSWAGEN	22.00	55.00
5466	AUDI	22.00	55.00
5311	FIAT	22.00	56.00
5486	FIAT	22.00	56.10
5467	FIAT	22.00	58.20
5480	PEUGEOT	22.00	62.00
5480	CITROEN	22.00	62.00
5537	FORD	22.00	62.00
5464	VOLKSWAGEN	22.00	63.00
3107	MERCEDES BENZ	22.00	63.20
5468	FIAT	22.00	63.20
5468	LANCIA	22.00	63.20
3441	FIAT	22.00	64.60
5312	FIAT	22.00	65.80
5312	SEAT	22.00	65.80
5461	TOYOTA	22.00	66.00
5498	PEUGEOT	22.00	66.20
5498	CITROEN	22.00	66.20
5385	PEUGEOT	22.00	67.00
3016	RASTROJERO	22.00	69.00
3016	BORGWARD	22.00	69.00
5313	FIAT	22.00	69.00
5313	LANCIA	22.00	69.00
5386	PEUGEOT	22.00	70.00
5465	VOLKSWAGEN	22.00	72.00
5462	TOYOTA	22.00	75.00
5251	CHEVROLET	22.00	82.00
5428	DODGE	22.88	75.50
5541	FORD	23.00	64.00
5388	PEUGEOT	23.00	70.00
5388	CHEVROLET	23.00	70.00
5388	FIAT	23.00	70.00
5388	CHEVETTE	23.00	70.00
5543	CHEVROLET	23.00	70.00
5389	PEUGEOT	23.00	74.00
5389	CITROEN	23.00	74.00
5389	FIAT	23.00	74.00
5405	RENAULT	23.00	75.00
5475	RENAULT	23.00	75.00
5475	PEUGEOT	23.00	75.00
5475	CITROEN	23.00	75.00
5319	FORD	23.17	77.00
5320	FORD	23.17	77.00
3476	FORD	23.17	82.00
5240	CHEVROLET	23.55	76.50
3475	CHEVROLET	23.55	87.00
5284	DODGE	23.81	74.60
3454	RENAULT	24.00	63.00
3442	VOLKSWAGEN	24.00	64.00
3442	SEAT	24.00	64.00
3442	VOLVO	24.00	64.00

3442	AUDI	24.00	64.00
5460	FORD	24.00	68.80
5517	JOHNSON	24.00	77.50
5545	FORD	24.77	80.00
3518	FORD	25.00	60.00
5546	ISUZU	25.00	60.50
3015	RASTROJERO	25.00	64.00
3015	BORGWARD	25.00	64.00
3015	HANOMAG	25.00	64.00
3015	CHEVROLET	25.00	64.00
3015	ISUZU	25.00	64.00
3500	PEUGEOT	25.00	66.00
3444	FIAT	25.00	69.40
3444	LANCIA	25.00	69.40
3457	PEUGEOT	25.00	72.00
3457	CITROEN	25.00	72.00
3457	LADA	25.00	72.00
3457	TALBOT	25.00	72.00
3457	ROVER	25.00	72.00
5332	IKA	25.00	72.00
5285	DODGE	25.00	76.20
4160	FORD	25.40	80.50
3450	FORD	26.00	59.00
3483	LAIDONG	26.00	64.00
3459	VOLKSWAGEN	26.00	66.00
3459	SEAT	26.00	66.00
3459	AUDI	26.00	66.00
3452	RENAULT	26.00	66.50
3522	FORD	26.00	69.00
3449	FIAT	26.00	69.40
3449	LANCIA	26.00	69.40
3465	MERCEDES BENZ	26.00	74.00
3486	CHEVROLET	27.00	64.00
3486	ISUZU	27.00	64.00
3424	TOYOTA	27.00	74.00
3524	RENAULT	28.00	60.00
3458	PEUGEOT	28.00	68.00
3458	CITROEN	28.00	68.00
3458	FIAT	28.00	68.00
3526	PEUGEOT	28.00	70.00
3526	LANCIA	28.00	70.00
3078	BORGWARD	28.00	72.00
3078	INDENOR	28.00	72.00
3078	PEUGEOT	28.00	72.00
3078	CITROEN	28.00	72.00
3078	FORD	28.00	72.00
3047	FIAT	28.00	74.00
3445	RENAULT	28.00	75.00
3079	BORGWARD	28.00	77.00
3079	INDENOR	28.00	77.00
3416	BORGWARD	28.00	81.00
3416	INDENOR	28.00	81.00
3416	PEUGEOT	28.00	81.00
3477	FORD	29.00	77.00
3425	TOYOTA	29.00	79.00
3432	BORGWARD	30.00	75.00
3432	ROVER	30.00	75.00
3108	MERCEDES BENZ	30.00	78.00
3108	HANOMAG	30.00	78.00
3423	PEUGEOT	30.00	78.80

PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Gpo (°)	PERNO Diámetro (mm)	PERNO Largo (mm)
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AUDI

5473	1600 CC 80 / 100 - 2226 CC 90 / QUATTRO	81.01	4	A	20.00	57.00
5466	1600 CC - 80/100/FOX/COUPE	80.51	4	A	22.00	55.00
3442	1600 CC - 2000 CC - 2370 CC - DIESEL - 80/90/100	76.51	4 - 5	A	24.00	64.00
3459	1900 CC - TURBO DIESEL - 80TD - PASSAT - GOLF - VENTO	79.50	4	A	26.00	66.00

BEDFORD

3009	200 / 300 DIESEL - CAMION - COLECTIVO	98.43	6	A	34.92	83.30
3008	350 DIESEL - CAMION - COLECTIVO	106.36	6	A	34.92	91.10

BENDIX

3160	COMPRESOR PCG - 508	66.68	1	B	11.11	57.00
3512	COMPRESOR TU-FLO 500 (MWM, FIAT, PERKINS, CUMMINS, FNM)	63.50	2	B	13.49	56.60

BORGWARD

3016	1578 CC - RASTROJERO	78.00	4	A	22.00	69.00
3015	1796 CC - RASTROJERO F20/25/30/35, E2	78.00	4	A	25.00	64.00
3078	XD 4.88 - MOTOR INDENOR	88.00	4	A	28.00	72.00
3079	X D P - 6.90 - MOTOR INDENOR	90.00	6	A	28.00	77.00
3416	X D 2 - MOTOR INDENOR	94.00	4	A	28.00	81.00
3432	2400 CC MOTOR - VM - CON REBAJE LUBRICACION	92.00	4	A	30.00	75.00

BURMOR

3160	COMPRESOR SC6 - BEDFORD - PERKINS 6-354	66.68	1	B	11.11	57.00
3420	COMPRESOR SC9 (BEDFORD-DEUTZ-FIAT-PERKINS)	84.98	1	B	19.05	73.00

CASE

3028	830	111.12	4	B	38.10	93.50
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CATERPILLAR

3508	3304 / 3306 / D 333 C / DD 330 C20	120.65	4 - 6	A	38.11	94.90
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CHEVETTE

5388	1400 CC - 1600 CC - MARAJO - HATCH BACK		4	A	23.00	70.00
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PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grupo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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CHEVROLET

5483	1600 CC - CORSA / KADET / VECTRA / ASTRA	79.00	4	C	18.00	55.00
5482	2000 CC INYECCION - MONZA	86.00	4	C	21.00	61.50
5250	4400 - 1941 - 1955		6	A	21.97	78.50
5251	APACHE - 1954 / 1962	99.46	6	B	22.00	82.00
5388	1400 CC - 1600 CC - CHEVETTE / MARAJÓ / HATCH BACK	82.00	4	A	23.00	70.00
5543	3.1 L - FORD CAR / TRUCK 3.8L V6 1996-2004	89.00	6	C	23.00	70.00
5240	400 -SUPER- PICK UP - CHEVY - 7 BANCADAS - 230 - 250	98.43	4 - 6	C	23.55	76.50
3475	EQUIDIL CONVERTIDO A DIESEL - 400 SUPER	98.43	6	B	23.55	87.00
3015	1700 CC DIESEL - CORSA	78.00	4	A	25.00	64.00
3486	1686 CC TURBO DIESEL - ASTRA / CORSA / KADETT / VECTRA / OPEL / PICK UP (MOT. ISUZU) - KOMBO	79.00	4	A	27.00	64.00
3463	S 10 HSD BLAZER	90.48	4	A	30.16	77.00
3434	PICK UP DIESEL - MOTOR XD 3 - TURBO	94.00	4	A	32.00	78.80
3460	S 4 DIESEL - PICK UP D-20	100.00	4 - 6	A	34.92	77.30
3461	S 4 T PICK UP D-20 TURBO DIESEL	100.00	4	A	38.10	78.00

CITROEN

5270	2 C V	66.00	2	B	20.00	55.60
5271	3 C V - AMI 8 - MEHARI	74.00	2	A	20.00	63.80
5480	1762 CC - 1998 CC - ZX / XANTIA / EVASION - MOT XU 7 JPZ / XU 10 J 2 C	83.00	4	A	22.00	62.00
5498	1900 CC - BX - BX 19 - ZX - EVASION - MOT. XU 9 2C - XU 9S	83.00	4	A	22.00	66.20
5389	1971 CC - C 25 - MOT. XN1T	88.00	4	A	23.00	74.00
5475	2200 CC - 2000 CC - CX20 / CX22	88.00	4	C	23.00	75.00
3457	1905 CC - DIESEL - BX - C 25 - ZX - XANTIA	83.00	4	A	25.00	72.00
3458	1905 CC - TURBO DIESEL INTERCOOLER - BX / ZX / XSARA	83.00	4	A	28.00	68.00
3078	1948 CC - DIESEL - UTILITARIOS	88.00	4	A	28.00	72.00
3423	2498 CC. DIESEL - XD 3 P	94.00	4	A	30.00	78.80

CLAYTON

3160	COMPRESOR 144 CC	66.68	1	B	11.11	57.00
3420	COMPRESOR SC9 (BEDFORD-DEUTZ-FIAT-PERKINS)	84.98	1	B	19.05	73.00



PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Gpo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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CUMMINS

3472	COMPRESOR SERIE C/NH	98.43	1	A	17.46	69.80
3506	DIAM. 117.457	117.47		A	34.90	90.10
3467	MOTOR 80 - 140 HP ZANELLO 230/460, FORD CARGO 1416 - F 14000 - VW14-160 - F 4000	102.00	4 - 6	A	40.00	75.80
3468	MOTOR 120 - 160 HP MOD. NUEVO - ZANELLO 230/460 - FORD CARGO 1416 - F 14000 - VW 14-160 - F 4000	102	4 - 6	A	40.00	82.80
3469	MOTOR 180 - 300 HP ZANELLO 500/540 - CARGO 1.722 - VW 17.220 - DIMEX - EURO I - II	114	6	A	45.00	91.00

DACIA

5402	1288 CC - R10 - R12	73.00	4	C	20.00	62.00
5404	1397 CC	76.00	4	C	20.00	64.00

DAELIM

1233	50 CC		1	B	12.00	32.50
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DAIHATSU

5454	547 CC - 993 CC - CHARADE - COMBI - CUORE - PICK UP	71.60 - 76	2 - 3	C	18.00	60.00
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DATSUN

5457	1200 - 1300			B	17.50	65.00
5458	J 18 1800			B	21.00	67.00
5456	PICKUP 1.8 - SEDAN RURAL			B	21.00	72.00

DEUTZ

3412	712 - 812 - 912 - 913 FL (SIN TURBO)	95	1-12	A	35.00	80.00
3411	913 B F - CON TURBO	92	1-12	A	40.00	80.00
3120	REFRIGERADO POR AIRE K.H.D FL-AL 514/614 - 75/80 R - 84 R	110.00	1-12	A	40.00	93.00
3137	MODELO 1114 - 2114 - 413	115 - 120	1-12	A	45.00	95.00
3150	F L 714 - MODELO 413	120	1-12	B	45.00	102.00
3058	13800 CC - DIESEL	137.00	6	A	48.00	117.00

DITELLA

5280	1500	73.03	4	B	17.45	65.50
5281	1622			B	19.05	68.60



PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grupo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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DKW

5290	AUTO UNION 60 - 69	74	3	C	18.00	63.00
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DODGE

5260	D100 - D 400 - COCHE -CAMION	33/8 37/16	6 - 8	B	21.82	73.00
5428	POLARA - CORONADO - PICK UP - VALIANT	86.36	6	C	22.88	75.50
5284	1500 CC - 1800 CC - MOTOR HILMAN - 1500 GT / 1800 GT	86.13	4	A	23.81	74.60
5285	GTX - CUOPE		4	A	25.00	76.20

PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grp (°)	PERNO Diámetro (mm)	PERNO Largo (mm)
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FIAT						
3419	COMPRESOR MARELLI 300 CC- MOT FIAT 619 N	70.00	2	B	14.00	57.00
3420	COMPRESOR BURMOR SC9	84.98	1	B	19.05	73.00
5316	903 CC - 133N	65.00	4	C	19.98	54.00
5310	600 D - (750)	62.00	4	A	20.00	51.00
5404	1297 CC - 147 /UNO /SPAZIO /FIORINO	76.00	4	C	20.00	64.00
5315	125 FAMILIAR/125 BERLINA - 128 BERLINA - IAVA - 128 1100 CC	80.00	4	C	21.97	71.00
5311	1100 CC	68.00	4	B	22.00	56.00
5486	PALIO - SIENA 1.600 CC - 16 VALV. MOTOR TORQUE	86.40	4	A	22.00	56.10
5467	1400 CC - 147 / TIPO / FIORINO / UNO / DUNA / VIVACE / TEMPRA	80.50	4	A	22.00	58.20
5468	1600 CC 8 VALV. - TIPO / PALIO / SIENA / TEMPRA / DUNA / UNO / PUNTO	86.40	4	A	22.00	63.20
3441	1302 CC DIESEL - 147 /UNO /SPAZIO /PANORAMA /PANDA	76.00	4	A	22.00	64.60
5312	1500 CC - 1600 CC - 1500/ COUPE / FAMILIAR - 1600 / COUPE	77 - 78	4	A	22.00	65.80
5313	128 FAMILIAR MOTOR 1300 CC - REGATA 1600 CC - TEMPRA 2000 CC	84 - 86	4	A	22.00	69.00
5388	1795 CC - DUCATO 10 - FURGON - PICK UP 7 4B	84.00	4	A	23.00	70.00
5389	1971 CC - DUCATTO - MOT XN1T, P.	88.00	4	A	23.00	74.00
3444	1700 CC DIESEL - DUNA / UNO / REGATA / FIORINO / TIPO / STRADA / PALIO / SIENA / DUCATO / TEMPRA	82.60	4	A	25.00	69.40
3449	1700 CC - 1900 CC TURBO DIESEL - PALIO / SIENA / DUCATO / TEMPRA / TIPO / STRADA	82.60	4	A	26.00	69.40
3458	1909 CC - TURBO DIESEL INTERCOOLER - DUCATO - MOT XUD TF	83.00	4	A	28.00	68.00
3047	U 25 - 411 C/CJ/R - 421 R - 441 R - 451 C - 211 R - 221 R - 231 R - 241 R - 251 R	85.00	2 - 4	B	28.00	74.00
3479	2500 CC DIESEL - IVECO DAILY - 40.80 - DUCATO 14/18	93.00	4	A	32.00	74.40
3478	IVECO DAILY - 49.10 (TURBO)	93.00	4	A	32.00	78.00
3437	980 IMPORTADO	100.00	6	A	32.00	84.00
3436	780 IMPORTADO	103.00	4	A	34.00	90.40
3480	150 TURBO - IVECO	104.00	6	A	37.99	85.00
3131	SOMECA - D45 - (450)	100.00	4	B	38.01	84.00
3132	SOMECA - M45 - (650) - TRACTOR 45/50 R, 512 - TRIGOTTO 40	105 - 108	4	A	38.01	89.00
3055	TRACTOR - 400 - 500 - 650 MOT CP3 / 900-1100- MOT 620 - CAMION 673 - OM 50/55/65/70/75	110.00	3 - 4 - 6	A	40.00	94.00

PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grupo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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FIAT						
3056	TRACTOR 700 E/- 800 E / 80C / 90 C - CO 3	115.00	4	A	40.00	98.50
3130	OM SUPER ORIONE	115.00	6	B	42.00	97.00
3046	TRACTOR - 55 R/L - 60 C/CI/ R - 70 C/CA/R - FL 7	122.00	4	B	44.00	104.50
3054	TRACTOR 780 R / 80 CA/R / AD7 / FL 8 / FR 8 - CAMION 682 N1 / N2 / RN2 / T2 -	125.00	4	A	44.00	107.50
3061	619 N CAMION	135.00	6	B	48.00	115.00
3058	619 - N1 -F1 - CAMION	137.00	6	A	48.00	117.00
3510	IVECO 190 H/HT	127.00		A	50.00	117.00

FORD						
5509	1600 CC - COURRIER / ECO SPORT / FIESTA / KA - MOTOR ROCAM	82.07	4	C	18.03	62.00
5489	1300 CC - EFI- FIESTA / KA / ESCORT GHIA / ORION / SIERRA	74.00	4	C	18.03	64.00
5472	1600 CC - ESCORT MOTOR AUDI VERSION 2	81.00	4	A	20.00	54.00
5473	1800 CC - AUDI - ESCORT GHIA	81.01	4	A	20.00	57.00
5402	1600 CC. - ESCORT 1° VERSION - E. MAX	77.00	4	C	20.00	62.00
5488	1300 CC- JLA - FIESTA / ESCORT / ORION - 1800 CC ZETEC 16 VALVL. - MONDEO	74.00	4	C	20.63	63.50
5537	4.6 L / 5.4 L - SOHC - V8	90.20	8	C	22.00	62.00
5541	4.2 L - V6 - TRUCK	96.80	6	C	23.00	64.00
5319	F 100 - F 350 - PICK UP - V8	95.25	8	A	23.17	77.00
5320	FALCON - TAUNUS / SIERRA GHIA - COUPE / F 100 / RANCHERO/ FAIRLANE / SPRINT MOT. 221	93.47	6	C	23.17	77.00
3476	EQUIDIL TRANSFORMADO A DIESEL MOT. 221	93.47	6	B	23.17	82.00
5460	1600 CC - SIERRA - E-MAX	81.30	4	C	24.00	68.80
5545	4.9 L / F 100 4.9l	101.60	6	C	24.77	80.00
3518	1400 CC / TDCI			A	25.00	60.00
4160	A	98.42	4	B	25.40	80.50
3450	1800 CC DIESEL - FIESTA - ESCORT - ORION - TRANSIT	82.50	4	A	26.00	59.00
3522	1800 CC - TURBO DIESEL - MONDEO / ESCORT / SIERRA TD / PICK UP P100 / VAN	82.51	4	A	26.00	69.00
3078	1948 CC - DIESEL - GRANADA	88.00	4	A	28.00	72.00
3477	2496 CC DIESEL - TRANSIT	93.66	4	A	29.00	77.00
3423	2498 CC - 2304 CC DIESEL - GRANADA /GHIA /TURNIER /SIERRA - XD2 - XD 3 P - LX 2 D	94.00	4	A	30.00	78.80
3447	2940 CC / 3290 CC/5880 CC - MOT. M.W.M PICK UP - D 229	102 - 105	3 - 4 - 6	A	32.00	82.00



PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Gpo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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FORDSON

3124	A 3.152 - TRACTOR SUPER DEXTA	91.49	3	A	31.75	75.30
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GARELLI

1232	50 CC		1	B	12.00	32.50
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GILERA

1552	150 CC		1	B	15.00	52.40
1556	EXTRA		1	B	15.00	56.40

HANOMAG

3015	1796 CC - F20/25/30/35/ - E2	78.80	4	A	25.00	64.00
3108	35 - 40 R	90.00	2 - 3 - 4	A	30.00	78.00
3069	55 - 60 - 75 R	110.00	4	B	35.00	95.00
3112	F45/46/55/130/ - OM 314 / OM 352/353	97.00	4 - 6	A	36.00	82.50

HOLSET

3472	COMPRESOR	98.43	1	A	17.46	69.80
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HONDA

1032	ELITE		1	B	10.00	32.50
1034	ELITE		1	B	10.00	34.20
1338	DAX - ELITE CH 80		1	B	13.00	38.40
1538	90 CC -ECONO POWER		1	B	15.00	38.00
1635	HONDA		1	B	16.00	35.20
1640	50 CC - MUÑON		1	B	16.00	40.00

IHC NAVISTAR

3529	D155 / D206/ D310 / D179 / D 239 D 358 - DIESEL	98.43	3-4-6	A	35.99	82.00
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IKA

5330	2467 CC - 3700 CC - MOTOR CONTINENTAL	84.14	4 - 6	A	21.83	71.30
5331	TORINO MOTOR TORNADO	84.93	6	A	21.83	71.90
5332	TORINO MOTOR TORNADO - 7 BANCADAS	84.93	6	A	25.00	72.00



PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grupo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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INDENOR

3078	XD 4.88	88.00	4	A	28.00	72.00
3079	X D P - 6.90	90.00	6	A	28.00	77.00
3416	X D 2	94.00	4	A	28.00	81.00
3423	2498 CC DIESEL XD 3 P - 2304 CC DIESEL XD2	94.00	4	A	30.00	78.80

ISUZU

5546	1700 CC - 4EE1		4	C	25.00	60.50
3015	4EE1	78.00	4	A	25.00	64.00
3486	1686 CC - PICK UP (MOT. ISUZU) - KOMBO	79.00	4	A	27.00	64.00

JEEP

4245	WILLYS 1938 - 54		4	A	20.65	71.70
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JOHN DEERE

3091	3420 / 3120 / 3240 / 820 / 920 / 1020 / T 100/1010 - JD 450 / T700	98.00	2	B	30.17	81.30
3094	1420 / 2420 / 4420 / 1520 / 1530 / 2030 / 2120 / JD 410/450 / 3120 / 4030 / 6600	102.00	3 - 4 - 6	B	30.17	84.90
3135	MAQUINA AGRICOLA 630 / 730	98.48	4	A	34.92	84.00
3415	2330 / 2530 / 2730 / 3530 / 4530 / - TRACTOR 830 / 930 / 1120 / 1530 / 2020 / 2040 / 890 / -925 / 930 - TRACTOR 3030 / 3130 / 3135 / 4030	106.50	3 - 4 - 6	A	34.93	84.40
3105	RE 23163/23168	108.00	6	A	38.10	82.80
3421	TRACTOR	120.65	6	B	44.45	95.70
3090	D - 730	155.58	2	B	59.81	130.50

JOHNSON

5511	20 A 35 HP - 50, 60, 65, 70 HP - CROSS FLOW 3.0000" - LOOPER -	76.20	2 - 3	C	19.04	67.20
5514	20 A 35 HP - 35 A 60 HP / LOOPER - 3.1875°	80.96	2 - 3	C	19.04	71.20
5521	85 a 300 HP - V4 - V6 / CROSS FLOW 3.500" - 3.600"	91.44	4-6	C	19.05	79.20
5517	120 a 300 HP / LOOPER 3.5000" - V4 - V6 - V8 - FUERA DE BORDA	88.90	4-6-8	C	24.00	77.50

JUKI

1237	70 CC		1	B	12.00	37.50
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PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grp ^(*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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KNORR

3516	COMPRESOR LK 15 MOT MBB-OM 366 - LK 38 MWM 229 - FORD F12000/14000 - VW 11130 / 11140	75 - 88	1	B	18.00	63.00
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KUBOTA

5529	LF 100 - DIESEL	75.00	3	C	20.00	53.90
3436	D 105	105.00		A	34.00	90.40

LADA

5315	1294 CC - 1568 CC - VAZ 21011 /2106 /2121 /1300 /2105 /2107 /NOVA C /NIVA /TAIGA	79.00	4	C	21.97	71.00
3457	1905 CC - DIESEL - NIVA - MOT. XUD 9 A	83.00	4	A	25.00	72.00

L Aidong

3483	1900 CC - L4 - 80	80.00	4	B	26.00	64.00
3484	3000 CC - D4 - 95 -GA / KU MOT.	95.00	4	B	31.00	79.00

LAMBRETTA

1445	125 CC		1	B	14.00	45.50
1651	150 CC		1	B	16.00	50.50
1655	175 CC		1	B	16.00	55.00

LANCIA

5315	1592 CC - BETA	80.00	4	C	21.97	71.00
5468	1580 CC - 8 VALV. TEMPRA / TIPO / PUNTO	86.40	4	A	22.00	63.20
5313	1585 CC - 1995 CC - DELTA / PRISMA / THEMA / DEDRA	84.00	4	A	22.00	69.00
3444	1585 CC - 1995 CC - DIESEL - DELTA / PRISMA / THEMA / DEDRA	84.00	4	A	25.00	69.40
3449	1929 CC - TURBO DIESEL - DEDRA	82.60	4	A	26.00	69.40
3526	2000 CC	85.00	4	A	28.00	70.00

LEYLAND

3135	6 - 354	98.48	4	A	34.92	84.00
3086	ROYAL-T	4.8"	6	B	41.28	106.50

LISTER

3087	6 - 12 HP	114.30	1	B	31.75	98.20
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PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grupo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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MAGIRUS

3120	REFRIGERADO POR AIRE K.H.D FL-AL 514/614 - 75/80 R - 84 R	110.00	1-12	A	40.00	93.00
3137	MODELO 1114 - 2114 - 413	115 - 120	1-12	A	45.00	95.00

MAN - BUSSING

3055	TRACTOR - 400 - 500 - 650 MOT CP3 / 900-1100- MOT 620 - CAMION 673 - OM 50/55/65/70/75	110.00	3 - 4 - 6	A	40.00	94.00
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MARELLI

3419	COMPRESOR 300 CC- MOT FIAT 619 N	70.00	2	B	14.00	57.00
3418	COMPRESOR 400 CC - FIAT 190			A	14.00	71.00

MASSEY FERGUSON

3124	TRACTOR MF 35/65 - MF 140 - MF 145 - 50 - 150 - 203 - 205 - 865 - 356 - SUPER 92	91.49	3 - 4 - 6	A	31.75	75.30
3135	TRACTOR 1100/1114/1200/2640 - MF 50/87/95/99/168/175/177/180/187/255/265/487/575 206/240 /85/178/185/186/188/285 / 11/33/300/350	98.48	4 - 6	A	34.92	84.00

MAXION

3463	LAND ROVER 90, 200 TDI DISCOVERY	90.48	4	A	30.16	77.00
3460	S 4 DIESEL - CHEVROLET PICK UP D-20	100.00	4 - 6	A	34.92	77.30
3461	S 4 T PICK UP CHEVROLET D-20 TURBO DIESEL	100.00	4	A	38.10	78.00

PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grupo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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MERCEDES BENZ

3117	COMPRESOR		1	B	15.00	65.00
3351	COMPRESOR	70.00	1	B	16.00	60.00
3118	COMPRESOR OM 321 - BRASIL	77.00	1	B	16.00	62.00
3119	COMPRESOR OM 312/321/352/352 A MOD 1114 - OM 314 /366/366A MOD 1518	77 - 94	1	A	16.01	66.00
3517	OM 904/906	85.00	1 - 2	A	19.05	60.00
3107	170	75.00	4	B	22.00	63.20
3465	2400 CC OM 616 MODELO 180 D / 240 D / 307 D / 407 D / 507 D - 3000 CC OM 617 209 D / 309 D / 409 D	90.90	4	A	26.00	74.00
3108	OM 312 / L3500 / L4500 / LAK 311/312 / LK 311/312 / TLF 15/16 / TLFA 16 / DL 17/25 / L 323 / 328 / LP 323 / OL 22 / UNIMOG 406 120/121	90.00	6	A	30.00	78.00
3106	5100 CC - OM 321 - 1112	95.00	6	A	30.00	82.00
3463	SPRINTER	90.48	4	A	30.16	77.00
3528	SPRINT - TURBO SOHC 18V. - MWM				35.00	77.00
3112	L 1114 - 1517 - 1518 - OM 352/352 A - OM 353 A - TURBO - OM 356 / 366 / 364	97.00	4 - 6	A	36.00	82.50
3110	6.6	112.00	6	A	38.00	94.80
3536	ELECTRONICO - OM 904 / 906	102	4 - 6		40.00	78.00
3111	L 332 - OM 326 - OM 346	128.00	6	B	44.00	111.00
3502	OM 447/449 - TURBO DIESEL - EURO 1	128.00	5 - 6	A	46.00	105.00
3440	OM 355 /355 A / 355 LA - TURBO	128.00	5 - 6	A	48.00	107.80

MERCURY

5525	135 A 175 HP - V6 / 2.0L - 2.8750" - 3.1250" LOOPER	79.38	6	C	19.55	66.80
5527	2.5 L			C	19.55	73.80

MIDLAND

3161	COMPRESOR (CUMMINS/PERKINS) - MOT 6 - 354	60.31	2	A	12.70	52.40
3514	COMPRESOR - EL 1300/1600 - (FORD / SCANIA / VOLVO / VW / MWM)	69.85	2	B	14.27	58.80

MITSUBISHI

3426	4D30			B	34.00	84.00
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PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grupo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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MWM

3447	2940 CC / 3290 CC/5880 CC - MOT. M.W.M PICK UP - D 229	102 - 105	3 - 4 - 6	A	32.00	82.00
3489	TD 229 - TURBO DIESEL	102.00	4 - 6	A	35.00	88.00
3504	4.10T - 6.10T		3	A	38.00	87.00

OM

3132	SOMECA - M45 - (650) - TRACTOR 45/50 R, 512 - TRIGOTTO 40	105 - 108	4	A	38.01	89.00
3055	TRACTOR - 400 - 500 - 650 MOT CP3 / 900-1100- MOT 620 - CAMION 673 - OM 50/55/65/70/75	110.00	3 - 4 - 6	A	40.00	94.00
3058	OM 170 / 180 / 190 / 300	137.00	6	A	48.00	117.00

PERKINS

3160	COMPRESOR MOT 6- 354 - SC6 - BURMOR	60.32	1	B	11.11	57.00
3161	COMPRESOR TENSA - MOT 6 - 354	60.33	2	A	12.70	52.40
3124	3.152, P 3.152 - 4.203, P 4.203 - 6.305, P 6 305	91.49	3 - 4 - 6	A	31.75	75.30
3462	P4 - PA 203 ALIVIANADO	91.44	4	A	31.75	75.30
3460	T 433 - 3.6" - TURBO DIESEL	91.49	4	A	34.92	77.30
3135	6 - 354	98.42	6	A	34.92	84.00
3105	5800 CC - T6 - 354 Y C TURBO	98.42	6	A	38.10	82.80
3422	V8 - 540	107.95	8	A	44.45	89.50

PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grupo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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PEUGEOT

5523	1600 CC - 16 VALV. - MOT TU5JP4	78.50		C	19.49	57.00
5480	1762 CC - 1998 CC 405 / 306 - MOT XU 7 JPZ - 405 SRI /306 XSI /BOXER /605 SRI /806 SRI - XU 10 J 2	83 - 86	4	A	22.00	62.00
5498	1900 CC - 1600 CC - 405 / 205 / 309 - MOT. - XU9 JA/ 2C/ S - XU5 S/J/JPZ	83.00	4	A	22.00	66.20
5385	403			A	22.00	67.00
5386	1600 CC - 404 - XC5	84.00	4	A	22.00	70.00
5388	1600 CC - 1800 CC - 504	85.00	4	A	23.00	70.00
5389	2000 CC - 504 /505 /205 - MOT XN1 - XN1T - XN1P - XN 2	88.00	4	A	23.00	74.00
5475	2200 CC - 2000 CC - 505 STI -MOT. ZDJK - ZEJ	88.00	4	C	23.00	75.00
3500	1868 CC DIESEL - XUD 8 (DW8) - 206 XRD/ 306 BOREAL / PARTNER	82.20	4	A	25.00	66.00
3457	1905 CC - DIESEL - 205 - 305 - 306 - 309 - 405 - 406 - PARTNER - XUD 9 / 9A	83.00	4	A	25.00	72.00
3458	1905 CC - TURBO DIESEL INTERCOOLER - 306 / 309 / 405 / 406 / 806 / BOXER / EXPERT XUD 9 TE	83.00	4	A	28.00	68.00
3526	2000 CC - TURBO DIESEL MOTOR DW10 - 206 - 306 - 307 - 406 - 806 - EXPERT - PARTNER	85.00	4	A	28.00	70.00
3078	1948 CC - DIESEL- 404 / 504 - MOT XD 4.88	88.00	4	A	28.00	72.00
3416	2304 CC - 505 DIESEL	94.00	4	A	28.00	81.00
3423	504 - DIESEL XD2 FT - 505 DIESEL MOTOR TURBO	94.00	4	A	30.00	78.80
3434	MOTOR - XD 3 - TURBO	94.00	4	A	32.00	78.80

RASTROJERO

3016	42 HP - 1° Y 2° SERIE	78.00	4	A	22.00	69.00
3015	52 HP	78.00	4	A	25.00	64.00

PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grupo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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RENAULT

5398	845 CC - DAUPHINE / GORDINI / R4 / R4L	58.00	4	A	14.00	50.00
5495	1239 CC - TWINGO	74.00	4	C	18.00	62.00
5494	1400 CC - CLIO 1.4 INYECCION - R19 TS / GTS / TSE / CHAMADE	75.80	4	C	19.00	60.00
5492	1600 CC - MEGANE	79.50	4	C	19.00	62.00
5534	1600 CC - 16 VALV. - CLIO / MEGANE / SCENIC - MOTOR K4M	79.50	4	C	19.99	62.00
5400	1000 CC - R4 S/F/L	65.00	4	C	20.00	55.00
5401	1100 CC - R 6	68.00	4	C	20.00	58.00
5402	1300 CC - R 12 / R5 / R6	73.00	4	C	20.00	62.00
5496	1400 CC - TWINGO	71.50	4	C	20.00	62.00
5404	1397 CC - 1600 CC - R5 / R9/ R11/ R12 / R18 / R19 / FUEGO / R18 - MOT.847 POT.	76.00	4	C	20.00	64.00
5403	1400 CC - R 12 / ALPINE / R 9/11 TURBO - R5 GT TURBO	76.00	4	C	20.00	65.60
5493	2000 CC - LAGUNA - MEGANE	82.70	4	C	21.00	57.00
5474	1700 CC - R 9 / R 11 / R 19 / R 21 / LAGUNA / CLIO / MASTER / TRAFIC	81.00	4	A	21.00	65.00
5405	2000 CC - R 18 - R 21	88.00	4	C	23.00	75.00
5475	2200 CC - 2000 CC - R 18 / R 21 / FUEGO / MASTER / TRAFIC - INYECCION	88.00	4	C	23.00	75.00
3454	1900 CC DIESEL- R19 / R21 / CLIO / EXPRES	80.50	4	A	24.00	63.00
3452	1870 CC - R19 TURBO - MEGANE TURBO DIESEL	80.50	4	A	26.00	66.50
3524	TURBO DIESEL - 19 - MEGANE - SCENIC - LAGUNA - F 9 Q T	80.00 mm	4	A	28.00	60.00
3445	2068 CC. DIESEL- R18 / R 21 / TRAFIC / RODEO / MASTER / NEVADA	86 - 89	4	A	28.00	75.00
3124	A 3152 - TRACTOR N 71 S	91.49	3	A	31.75	75.30
3479	2500 CC - MASTER	93.00	4	A	32.00	74.40

ROVER

3457	1905 CC - DIESEL - 218 / 418 - MOT XUD 9 A	83.00	4	A	25.00	72.00
3432	2400 CC TURBO DIESEL - INTERCOOLER	92.00	4	A	30.00	75.00
3463	LAND ROVER 90, 200 TDI DISCOVERY	90.48	4	A	30.16	77.00



PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Grupo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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SACH

1242	98 CC 1 Y 2 SERIE		1	B	12.00	42.00
1541	98 CC - 4T - 4°SE		1	B	15.00	41.00
1544	124 CC - 4		1	B	15.00	44.00
1856	200 CC		1	B	18.00	56.00

SCANIA

3210	COMPRESOR BENDIX L75 - L 76 - LEYLAND 150 HP	75.00	1	B	13.50	58.50
3446	COMPRESOR D11 - L 111 - DS 11 - LT 111	69.85	3	A	15.88	60.30
3127	L 71			B	42.00	98.00
3138	VABIS - DR 50 - L75 - L76	127.00	6	B	47.00	108.00
3139	VABIS D11 - L 111 - DS 11 - LT 111 - TURBO	127.00	6	A	50.00	108.00

SEAT

5316	903 CC - 843 CC - 850 / 127 / MARBELLA / PANDA	65.00	4	C	19.98	54.00
5310	767 CC - 600 D/E/L	62.00	4	A	20.00	51.00
5473	1600 CC - TOLEDO	81.01	4	A	20.00	57.00
5315	1592 CC - 131 /132 /1430 /1600 /RITMO /RONDA	80.00	4	C	21.97	71.00
5312	1481 CC - 1500 / 1500 L	77.00	4	A	22.00	65.80
3442	1900 CC DIESEL - TOLEDO / IBIZA	79.51	4	A	24.00	64.00
3459	1900 CC - TURBO DIESEL - IBIZA - TOLEDO - CORDOBA	79.50	4	A	26.00	66.00

SKODA

3120	CAMION	125.00	6	A	40.00	93.00
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STEYR

3120	TRACTOR 280 - L K W	110.00	1-2-3	A	40.00	93.00
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STHIL

1031	034			B	10.00	32.00
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TALBOT

3457	1905 CC - DIESEL - HORIZON - SOLARA ESCORIAL - MOT XUD 9	83.00	4	A	25.00	72.00
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TENSA

3161	COMPRESOR (CUMMINS/PERKINS) - MOT 6 - 354	60.31	2	A	12.70	52.40
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PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Gpo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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TOYOTA

5461	1600 CC - CELICA			B	22.00	66.00
5462	2000 CC / CELICA - HILUX - PICK UP	88.50	4	A	22.00	75.00
3424	2200 CC - PICK UP - DIESEL	90.00	4	A	27.00	74.00
3425	DIESEL	95.00	4	A	29.00	79.00

VARGA

3514	COMPRESOR - EL 1300/1600 - (FORD / SCANIA / VOLVO / VW / MWM)	69.85	2	B	14.27	58.80
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VESPA

1550	150 CC		1	B	15.00	50.00
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VILLA MOTORES

5450	MOTOR 2 1/2 HP	60.00	1	A	12.44	48.00
5451	MOTOR 3 HP	66.70	1	A	17.44	58.00
5452	MOTOR 8 - 16 HP	81.00	1-2	A	19.00	72.00

VOLKSWAGEN

5507	1000 CC - GOL		4	C	17.00	45.00
5472	1600 CC - MOTOR AUDI	79.51	4	A	20.00	54.00
5473	1600 CC - 1800 CC - CARAT- GOL - GOLF - SENDA - POLO - SAVEIRO - PASSAT - QUANTUM	81.01	4	A	20.00	57.00
5466	1600 CC - GOL - GOLF - GACEL - PASSAT	80.51	4	A	22.00	55.00
5464	1600 CC - PASSAT	76.50	4	A	22.00	63.00
5465	1584 CC - COMBI - FURGON - PICK UP - UTILITARIO	85.50	4	A	22.00	72.00
3442	1600 CC / 1900 CC DIESEL - SENDA/ SAVEIRO/ POLO/ CADDY /GOLF /QUANTUM /PASSAT /VENTO /TRANSPORTER /	77.00	4 - 6	A	24.00	64.00
3459	1900 CC - TURBO DIESEL - GOLF - PASSAT - POLO - VENTO	79.51	4	A	26.00	66.00

VOLVO

3118	COMPRESOR VICKING Y TITAN	77.00	1	B	16.00	62.00
3442	2383 CC - D 24 DIESEL	76.51	6	A	24.00	64.00
3150	COMPRESOR VDF L 495	120.00	6	B	45.00	102.00



PERNO Código	APLICACIÓN ORIENTATIVA	Diámetro Cilindro (mm)	Cantidad Cilindros	Gpo (*)	PERNO Diámetro (mm)	PERNO Largo (mm)
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WABCO

3517	COMPRESOR 85 MM	85.00	1	A	19.05	60.00
3473	COMPRESOR 90 MM - (DEUTZ - MERCEDES BENZ) - OM 447 / OM 449 - 4/1010 / 1012 / 1026 / 1034 / 1043 / 1510	90.00	1 - 2	A	20.00	60.00

WESTINGHOUSE

3512	COMPRESOR TU-FLO 500	63.50	2	B	13.49	56.60
3473	COMPRESOR 90 MM - (DEUTZ - MERCEDES BENZ) - OM 447 / OM 449 - 4/1010 / 1012 / 1043 / 1510	90.00	1 - 2	A	20.00	60.00

YAMAHA

5536	'84 - '92 - V4 - V6	90.00	4-6	C	21.50	75.80
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ZANELLA

1231	48 CC - V1 /V3 - MORINI - JUKI 50 CC		1	B	12.00	31.50
1234	50 CC - DUE -SOL		1	B	12.00	34.20
1240	70 CC		1	B	12.00	39.70
1545	125 CC		1	B	15.00	45.00
1630	50 V1 - MUÑON		1	B	16.00	30.00
1634	70 CC - MUÑON		1	B	16.00	34.00
1648	125 CC - SAPUCAI		1	B	16.00	48.00
1652	175 CC		1	B	16.00	51.80
1654	200 CC - JR		1	B	16.00	54.50
1661	200 CC		1	B	16.00	61.00
1730	48 CC		1	B	16.80	30.20
2046	125/5 CC		1	B	20.00	46.40
2048	175 CC		1	B	20.00	48.00
2050	200 RZF		1	B	20.00	50.40
2058	200 CC		1	B	20.00	58.40
2137	125 CC		1	B	21.00	37.00

ZANELLO

3430	TRACTOR	105.00	4 - 6	B	35.00	90.00
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