



# ENGINE PARTS & SINTERING PRODUCTS

## MVM LTDA. CATALOGO DE GUIAS EN HIERRO

### LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO / E. YEAR Int./Exh.	DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Ø. I. / I. Ø.	Ø. E. / O. Ø.		
<b>GUÍAS DE ADAPTACIÓN / UNIVERSAL GUIDES</b>						
<b>M1010</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.3420" 8.69mm	.3740" 9.50mm	2.375" 60mm	A
<b>M3036-5</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.3730" 9.47mm	.5020" 12.75mm	2.638" 67mm	A
<b>M4007-5</b>	Adaptación Varios Motores / Universal <b>Nota:</b> Guías con cabeza de 14.30mm y largo de 17mm Guide with head diameter of 14.30mm and 17mm. Long	A - E Int./Exh.	.3430" 8.71mm	.5020" 12.75mm	2.362" 60mm	B
<b>M4007-5E</b>	Adaptación Varios Motores / Universal <b>Nota:</b> Guías con cabeza de 14.30mm y largo de 17mm Guide with head diameter of 14.30mm and 17mm. Long	A - E Int./Exh.	.3740" 9.50mm	.5020" 12.75mm	2.362" 60mm	B
<b>M4007-5+3E</b>	6 y 8 Cl. 200-239-272-292	A - E Int./Exh.	.3430" 8.71mm	.5050" 12.82mm	2.362" 60mm	B
<b>M4008-5</b>	Adaptación Varios Motores / Universal <b>Nota:</b> Guías con cabeza de 17mm y largo de 16mm Guide with head diameter of 17mm and 16mm. Long	A - E Int./Exh.	.3430" 8.71mm	.5020" 12.75mm	2.480" 63mm	B
<b>M4008-5E</b>	Adaptación Varios Motores / Universal <b>Nota:</b> Guías con cabeza de 17mm y largo de 16mm Guide with head diameter of 17mm and 16mm. Long	A - E Int./Exh.	.3740" 9.50mm	.5020" 12.75mm	2.480" 63mm	B
<b>M4029-5</b>	Adaptación Varios Motores / Universal Tractor	A - E Int./Exh.	.3745" 9.71mm	.5020" 12.75mm	3.268" 83mm	A
<b>M4029-5E</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.3725" 9.46mm	.5020" 12.75mm	3.268" 83mm	A
<b>M4083</b>	Adaptación / Universal Chevette 4cil. 1600 <b>Nota:</b> Guías con cabeza de 14mm y largo de 8mm Guide with head diameter of 14mm and 8mm. Long	A - E Int./Exh.	.3150" 8.00mm	.5020" 12.75mm	1.614" 41mm	B
<b>M4083A</b>	Adaptación / Universal Chevette 4cil. 1600 <b>Nota:</b> Guías con cabeza de 14mm y largo de 8mm Guide with head diameter of 14mm and 8mm. Long	A - E Int./Exh.	.3125" 7.94mm	.5020" 12.75mm	1.614" 41mm	B
<b>M4159</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.2365" 6.01mm	.4330" 11.00mm	1.968" 50mm	A
<b>M4162</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.2600" 6.60mm	.4765" 12.10mm	2.283" 58mm	A-2
<b>M4192</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.2360" 6.00mm	.5905" 15.00mm	2.953" 75mm	A
<b>M4193</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.2755" 7.00mm	.6690" 17.00mm	2.953" 75mm	A
<b>M4194</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.3540" 9.00mm	.7870" 20.00mm	3.465" 88mm	A
<b>M4194-1 IN</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.3530" 8.96mm	.7870" 20.00mm	3.464" 88mm	A
<b>M4202</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.2805" 7.12mm	.4705" 11.95mm	1.693" 43mm	A
<b>M4210</b>	Adaptación / Universal Chevette 4cil. 1600 Guías con vaciado externo de 474 milésimas. Para usar en obturac	A - E Int./Exh.	.3150" 8.00mm	.5020" 12.75mm	1.614" 41mm	E
<b>M4211</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.3115" 7.91mm	.5635" 14.31mm	2.480" 63mm	A
<b>M4230</b>	Adaptación Varios Motores / Universal	A - E Int./Exh.	.4020" 10,20mm	.7520" 19,09mm	3.425" 87mm	A

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4232	Adaptación Varios Motores / Universal		A - E Int./Exh.	.2165" 5.5mm	.4355" 11.06mm	2.126" 54mm	A	
M4244	Adaptación Varios Motores / Universal		A - E Int./Exh.	.4285" 10.88mm	.6693" 17mm	2.913" 74mm	A	
M4261	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3745" 9.51mm	.5020" 12.75mm	3.346" 85mm	G	
M4261-1.5 IN	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3730" 9.47mm	.5020" 12.75mm	3.346" 85mm	G	
M4262	Adaptación Varios Motores / Universal 3/8		A - E Int./Exh.	.3720" 9.45mm	.4690" 11.95mm	2.638" 67mm	G	
M4285	Adaptación Varios Motores / Universal		A - E Int./Exh.	.2810" 7.14mm	.5625" 14.29mm	2.520" 64mm	A	
M4286	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3125" 7.94mm	.5937" 15.08mm	2.520" 64mm	A	
M4295	5X12X45 Varios		A - E Int./Exh.	.1970" 5.00mm	.4725" 12.00mm	1.771" 45mm	A	
M4338	Adaptación / Universal <b>Nota:</b> Guías con cabeza de 14mm y largo de 10mm Guide with head diameter of 14mm and 8mm. Long		A - E Int./Exh.	.3125" 7.94mm	.4400" 11.18mm	2.316" 59mm	B	
M5001	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3745" 9.51mm	.6580" 16.71mm	2.817" 72mm	A	
M5002	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3125" 7.94mm	.4375" 16.71mm	1.614" 41mm	A	
M5003	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3125" 7.94mm	.4375" 11.11mm	1.875" 48mm	A	
M5003E	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3125" 7.94mm	.4400" 11.18mm	1.875" 48mm	A	
M5006	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3420" 8.69mm	.5020" 12.75mm	3.268" 83mm	A	
M510	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3435" 8.72mm	.5020" 12.75mm	2.638" 67mm	A	
M510-1 IN	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3425" 8.70mm	.5020" 12.75mm	2.638" 67mm	A	
M510-0.5 IN	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3430" 8.71mm	.5020" 12.70mm	2.638" 67mm	A	
M510-0.5 IN+3EX	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3430" 8.71mm	.5050" 12.82mm	2.638" 67mm	A	
M510-1 IN+3EX	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3425" 8.70mm	.5050" 12.82mm	2.638" 67mm	A	
M510A	Adaptación Varios Motores / Universal <b>Nota:</b> Guías con cabeza de 14,5mm y largo de 8mm Guide with head diameter of 14,5mm and 8mm. Long		A - E Int./Exh.	.3435" 8.72mm	.5020" 12.75mm	2.638" 67mm	B	
M510BL	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3435" 8.72mm	.5020" 12.75mm	2.244" 57mm	B	
M510E	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3420" 8.69mm	.5020" 12.75mm	2.638" 67mm	A	
M512	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3125" 7.94mm	.5020" 12.75mm	2.638" 67mm	A	
M512E	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3110" 7.90mm	.5020" 12.75mm	2.638" 67mm	A	
M513	Adaptación Varios Motores / Universal		A - E Int./Exh.	.3745" 9.51mm	.5020" 12.75mm	2.638" 67mm	A	
M513A	Adaptación Varios Motores / Universal <b>Nota:</b> Guías con cabeza de 16,5mm y largo de 12,5mm Guide with head diameter of 16,5mm and 12,5mm. Long		A - E Int./Exh.	.3745" 9.51mm	.5020" 12.75mm	2.638" 67mm	B	
M513B	Adaptación Varios Motores / Universal <b>Nota:</b> Guías con cabeza de 16mm y largo de 17mm Guide with head diameter of 16mm and 17mm. Long		A - E Int./Exh.	.3745" 9.51mm	.5020" 12.75mm	2.638" 67mm	B	

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## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION		AÑO / YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO / LENGTH	FORMA / TYPE
	MOTOR / ENGINE			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M513E	Adaptación Varios Motores / Universal			A - E	.3725"	.5020"	2.638"	A	
				Int./Exh.	9.46mm	12.75mm	67mm		
M513L	Adaptación Varios Motores / Universal			A - E	.3745"	.5020"	3.110"	A	
				Int./Exh.	9.51mm	12.75mm	79mm		
M513LE	Adaptación Varios Motores / Universal			A - E	.3725"	.5020"	3.110"	A	
				Int./Exh.	9.46mm	12.75mm	79mm		
M514	Adaptación Varios Motores / Universal			A - E	.4370"	.6270"	2.638"	A	
				Int./Exh.	11.10mm	15.92mm	67mm		
M515	Adaptación Varios Motores / Universal			A - E	.3435"	.5020"	2.441"	A	
				Int./Exh.	8.72mm	12.75mm	62mm		
M515E	Adaptación Varios Motores / Universal			A - E	.3420"	.5020"	2.441"	A	
				Int./Exh.	8.69mm	12.75mm	62mm		
M515L	Adaptación Varios Motores / Universal			A - E	.3435"	.5020"	3.267"	A	
				Int./Exh.	8.72mm	12.75mm	83mm		
M516	Adaptación Varios Motores / Universal			A - E	.3745"	.5020"	2.441"	A	
				Int./Exh.	9.51mm	12.75mm	62mm		
M516E	Adaptación Varios Motores / Universal			A - E	.3725"	.5020"	2.441"	A	
				Int./Exh.	9.46mm	12.75mm	62mm		
M8008	Adaptación Varios Motores / Universal			A - E	.1875"	.3750"	1.771"	I	
				Int./Exh.	4.76mm	9.52mm	45mm		
M8010	9.40*17.90 Caterpillar y otros			A - E	.3700"	.7047"	3.150"	A	
				Int./Exh.	9.40mm	17.90mm	80mm		
M8011	Adaptación Varios Motores / Universal Japoneses			A - E	.2755"	.5540"	2.559"	A	
				Int./Exh.	7.00mm	14.07mm	65mm		
M8034	Adaptación Varios Motores / Universal			A - E	.2559"	.5236"	2.362"	A	
				Int./Exh.	6.50mm	13.30mm	60mm		
M8035	Adaptación Varios Motores / Universal			A - E	.3110"	.5630"	2.362"	A	
				Int./Exh.	7.90mm	14.30mm	60mm		
M8036	Adaptación Varios Motores / Universal			A - E	.2716"	.5236"	2.362"	A	
				Int./Exh.	6.90mm	13.30mm	60mm		
M8064	Adaptación Varios Motores / Universal			A - E	.3125"	.5645"	2.756"	A	
				Int./Exh.	7.94mm	14.33mm	70mm		
M8062	Adaptación Varios Motores / Universal			A - E	.2755"	.6300"	3.149"	A	
				Int./Exh.	7.00mm	16.00mm	80mm		
M8063	Adaptación Varios Motores / Universal			A - E	.3386"	.4744"	2.638"	A	
				Int./Exh.	8.60mm	12.05mm	67mm		
M8065	Adaptación Varios Motores / Universal			A - E	.3125"	.4330"	2.165"	A	
				Int./Exh.	7.94mm	11mm	55mm		
M8065A	Adaptación Varios Motores / Universal			A - E	.3125"	.4400"	2.165"	A	
				Int./Exh.	7.94mm	11.17mm	55mm		
M8065A1	Adaptación Varios Motores / Universal			A - E	.3125"	.4400"	2.559"	A	
				Int./Exh.	7.94mm	11.17mm	65mm		
M8065AE	Adaptación Varios Motores / Universal			A - E	.3110"	.4400"	2.165"	A	
				Int./Exh.	7.90mm	11.17mm	55mm		
M8086	Varios (7X19X80)			A - E	.2755"	.7480"	3.149"	A	
				Int./Exh.	7.00mm	19.00mm	80mm		
M8088	Adaptación Varios Motores / Universal			A - E	.3130"	.5650"	2.244"	A	
				Int./Exh.	7.95mm	14.35mm	57mm		
M8089	Adaptación Varios Motores / Universal			A - E	.2500"	.4380"	1.771"	A	
				Int./Exh.	6.35mm	11.12mm	45mm		
M8137	Varios (5.4X11.75X52)			A - E	.2126"	.4626"	2.047"	A	
				Int./Exh.	5.40mm	11.75mm	52mm		
M8143	Adaptación Varios Motores / Universal			A - E	.3410"	.4736"	2.638"	A	
				Int./Exh.	8.66mm	12.03mm	67mm		
M8144	Adaptación Varios Motores / Universal			A - E	.3736"	.5020"	3.268"	A	
				Int./Exh.	9.49mm	12.75mm	83mm		
M8166	Adaptación Varios Motores / Universal			A - E	.2752"	.5512"	2.126"	A	
				Int./Exh.	6.99mm	14mm	54mm		

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## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M8168	Adaptación Varios Motores / Universal		A - E	.3145"	.5512"	2.162"		A
			Int./Exh.	7.99mm	14mm	55mm		
M8171	Adaptación Varios Motores / Universal		A - E	.3125"	.5020"	2.638"		A
			Int./Exh.	7.93mm	12.75mm	67mm		
M8173	Adaptación Varios Motores / Universal		A - E	.3045"	.4360"	2.165"		A
			Int./Exh.	7.73mm	11.07mm	55mm		
M8175	Adaptación Varios Motores / Universal		A - E	.2360"	.5905"	2.362"		A
			Int./Exh.	6mm	15mm	60mm		
M8176	Adaptación Varios Motores / Universal		A - E	.2165"	.4330"	1.772"		A
			Int./Exh.	5.50mm	11mm	45mm		
M8219	Adaptación Varios Motores / Universal		A - E	.3740"	.6265"	2.992"		A
			Int./Exh.	9.50mm	15.91mm	76mm		
M8221	Adaptación Varios Motores / Universal		A - E	.2750"	.5126"	2.283"		A
			Int./Exh.	6.98mm	13.02mm	58mm		
M8222	Adaptación Varios Motores / Universal		A - E	.2350"	.3952"	1.771"		A
			Int./Exh.	5.97mm	10.04mm	45mm		
M8223	Adaptación Varios Motores / Universal		A - E	.3140"	.4736"	1.968"		A
			Int./Exh.	7.97mm	12.03mm	50mm		
M8224	Adaptación Varios Motores / Universal		A - E	.2755"	.4740"	2.086"		A
			Int./Exh.	7.00mm	12.04mm	53mm		
M8225	Adaptación Varios Motores / Universal		A - E	.1970"	.3838"	1.378"		A
			Int./Exh.	5.00mm	9.75mm	35mm		
M8226	Adaptación Varios Motores / Universal		A - E	.2342"	.4354"	1.575"		A
			Int./Exh.	5.95mm	11.06mm	40mm		
M8227	Adaptación Varios Motores / Universal		A - E	.1970"	.5512"	2.756"		A
			Int./Exh.	5.00mm	14.00mm	70mm		
M8228	Adaptación Varios Motores / Universal		A - E	.2555"	.4803"	2.165"		A
			Int./Exh.	6.49mm	12.20mm	55mm		
M8229	Adaptación Varios Motores / Universal		A - E	.2350"	.3952"	1.417"		A
			Int./Exh.	5.97mm	10.04mm	36mm		
<b>AGRALE</b>								
M4308	Motor MWM		A - E	.3504"	.5915"	2.283"		A-1
			Int./Exh.	8.90mm	15.02mm	58mm		
M4311	Diesel		A - E	.3540"	.5920"	1.929"		E-1
			Int./Exh.	8.99mm	15.04mm	49mm		
<b>ALFA ROMEO</b>								
M8187	Giulia 523 - 1.6 lts. 530 - 1.3 lts. Super		E	.3545"	.5532"	2.126"		I-2
				9.00mm	14.05mm	54mm		
<b>ASIA</b>								
M4114	Asia Topic / Topic 8 Val. Combi 12 Val		A - E	.3140"	.5015"	2.126"		A-1-2
			Int./Exh.	7.97mm	12.73mm	46mm		
<b>BED FORD</b>								
M8188	200 Cu - IN Diesel 4 a 10 Ton.		A - E	.3437"	.6264"	2.795"		I-2
				8.73mm	15.91mm	71mm		
<b>BMW</b>								
M8134	2002-M10B20-2.0 M10B20 Coupe, Para rimar		A - E	.3110"	.5540"	2.047"		E-1-2
				7.90mm	14.07mm	52mm		
<b>BRIGGS &amp; STRATTON</b>								
M3061-5	3 HP Guía Adaptación / Special Guide Motor Aluminio / Aluminium Engine		A - E	.2490"	.3455"	1.575"		A
			Int./Exh.	6.33mm	8.77mm	40mm		
M3061-5+3EX	Briggss Traton		A - E	.2490"	.3485"	1.575"		A
			Int./Exh.	6.33mm	8.85mm	40mm		
M3061-5+5EX	Briggss Traton 3 HP		A - E	.2490"	.3505"	1.575"		A
			Int./Exh.	6.33mm	8.90mm	40mm		
M4040-5	7 HP Guía Adaptación / Special Guide Motor Aluminio / Aluminium Engine		A - E	.3115"	.4385"	2.441"		A
			Int./Exh.	7.91mm	11.14mm	62mm		

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## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M518	Series 5, 6, 8 Motor Aluminio		A - E Int./Exh.	.2500" 6.35mm	.4390" 11.15mm	2.638" 67mm	A	
M8146	7 HP Para rimar		A - E	.3100" 7.87mm	.4380" 11.12mm	2.441" 62mm	A	

### CARPATI

M4011	Campero Nuevo / Latest Model Off-Road		A - E Int./Exh.	.3745" 9.51mm	.6720" 17.07mm	2.638" 67mm	A-2
M924	Campero Antiguo / Early Model Off-Road		A Intake	.3435" 8.72mm	.6325" 16.06mm	2.441" 62mm	E-2
M925	Campero Antiguo / Early Model Off-Road		E	.4330" 11.00	.6720" 17.07mm	2.677" 68mm	D

### CASE DIESEL

M4090	J 901187 DIESEL		A - E Int./Exh.	.3745" 9.51mm	.6300" 16mm	2.835" 72mm	A-1-1
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### CATERPILLAR DIESEL

M1001	D 330-D 333, 922B, 944A, 950, 966B Wheel Loader		A - E	.3755" 9.53mm	.6580" 16.71mm	3.228" 82mm	F
M1005	977 D 6 DIESEL, D1673, CD3306, Wheel Loader		A - E Int./Exh.	.3740" 9.50mm	.6580" 16.71mm	2.835" 72mm	A
M2001	D 342-D 364, D 8, D1152 D13000, Tractor		A - E	.5005" 12.71mm	.9385" 23.83mm	5.275" 134mm	F-1
M4188	3116 Chevrolet Kodiak		A Intake	.3125" 7.94mm	.4996" 12.68mm	2.362" 60mm	E-2-5
M4188A	3116 Chevrolet Kodiak		E Exhaust	.3125" 7.94mm	.4996" 12.68mm	2.362" 60mm	E
M4189	3116 Chevrolet Kodiak		E Exhaust	.3180" 8.07mm	.5130" 13.03mm	2.952" 75mm	D-5
M4189+3EX	3116 DIESEL		E	.3180" 8.07mm	.5160" 13.10mm	2.952" 75mm	D-5
M4196	3208 DIESEL		A Intake	.3730" 9.47mm	.5020" 12.75mm	2.598" 66mm	A-6
M4198	3208 DIESEL		E Exhaust	.3730" 9.47mm	.5020" 12.75mm	2.992" 76mm	A-6
M4290	Nuevo / New		A - E Int./Exh.	.3745" 9.51mm	.6300" 16.00mm	3.346" 85mm	D-1-5-6
M4296	Kodiak 3126 Electrónico / Electronic		E Exhaust	.3750" 9.52mm	.6302" 16.00mm	3.346" 85mm	D-1-5-6
M4296A	Kodiak 3126 Electrónico / Electronic		A Intake	.3175" 8.06mm	.5130" 13.03mm	3.189" 81mm	D-1-5-6
M4309	3406		A - E Int./Exh.	.3740" 9.50mm	.6898" 17.52mm	3.268" 83mm	A-6
M4310	D8 - D9		A - E Int./Exh.	.4980" 12.65mm	.9385" 23.83mm	5.236" 133mm	E-3
M8006	D6 - D1673 - CD3306 Kodiak 9 LH		A - E Int./Exh.	.3130" 7.95mm	.5150" 13.08mm	2.913" 74mm	A
M8009	12.66*25 Para rimar		A - E Int./Exh.	.4985" 12.66mm	.9842" 25.00mm	5.236" 133mm	I-2
M8010	9.40*17.90 (adaptacion)		A - E Int./Exh.	.3700" 9.40mm	.7047" 17.90mm	3.150" 80mm	A
M8123	93306 Para rimar		A - E Int./Exh.	.3700" 9.40mm	.6595" 16.75mm	2.795" 71mm	D
M8183	343		A - E Int./Exh.	.3750" 9.52mm	.6890" 17.50mm	3.070" 78mm	D-6-3

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION	AÑO	A. / E.	DIAMETRO / DIAMETER		LARGO	FORMA
	MOTOR / ENGINE	YEAR	Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.	LENGTH	TYPE
<b>CHERY</b>							
<b>M4313</b>	QQ / 12 Val / 800cc. 2 Árboles de lev. / 2 Camshaft		A - E Int./Exh.	.1970" 5.00mm	.3960" 10.06mm	1.220" 31mm	I-2
<b>CHRYSLER CORP. DODGE</b>							
<b>M210</b>	Dodge 201 - 218 - 230		A - E Int./Exh.	.3430" 8.71mm	.6570" 16.69mm	2.835" 72mm	E-2-3
<b>M212</b>	Dodge 361 - 413		E Exhaust	.4375" 11.11mm	.6890" 17.50mm	3.110" 79mm	A
<b>M213</b>	Dodge 361 413 <b>Nota:</b> Guía Adaptación / Universal		A Intake	.3740" 9.50mm	.6890" 17.50mm	3.307" 84mm	D
<b>M3036-5</b>	Dodge 8Cil. 259-273-318-340-350 361-413 <b>Nota:</b> Guía Adaptación / Universal		E Exhaust	.3730" 9.47mm	.5020" 12.75mm	2.638" 67mm	A
<b>M4029-5</b>	<b>Nota:</b> Guía Adaptación varios vehiculos Dodge / Universal Dodge vehicles		A - E Int./Exh.	.3745" 9.51mm	.5020" 12.75mm	3.268" 83mm	A
<b>M513</b>	Dodge 326 <b>Nota:</b> Guía Adaptación / Universal		A - E Int./Exh.	.3745" 9.51mm	.5020" 12.75mm	2.638" 67mm	A
<b>M516</b>	Dodge 6Cil. 170 - 198 - 225 Dodge 8Cil. 241-283-315-325-383 <b>Nota:</b> Guía Adaptación / Unive		A - E Int./Exh.	.3745" 9.51mm	.5020" 12.75mm	2.441" 62mm	A
<b>CUMMINS DIESEL</b>							
<b>M3059</b>	NH220-NH250-NH230-NTH335-380 NTC335-Formula 9.6-NH 9.6 NHC 9.6-NHCT 230-NHH 250-NHD 230-NHCT-NHH 250-NHE NT 270.280.300.310.335.400, NHF 240.265		A - E Int./Exh.	.4528" 11.50mm	.7520" 19.10mm	3.425" 87mm	A-5
<b>M3064</b>	NVH 450 NH 220		A - E Int./Exh.	.4047" 10.27mm	.7518" 19.09mm	3.425" 87mm	A-5
<b>M4033</b>	V6-155 / V8-285		A - E Int./Exh.	.3815" 9.69mm	.6265" 15.91mm	2.520" 64mm	A-1-4-5
<b>M4090</b>	B-T 5.9		A - E Int./Exh.	.3745" 9.51mm	.6300" 16.00mm	2.835" 72mm	A-1-1
<b>M4122</b>	L10 LT, LTA 10 10. 0TD C225, 250, 250 B / A225		A - E Int./Exh.	.3815" 9.69mm	.6505" 16.52mm	2.637" 67mm	E-5
<b>M4213</b>	Cummis 6BT		A - E Int./Exh.	.3160" 8.02mm	.4393" 11.16mm	2.519" 64mm	A-6
<b>M4288</b>	160 Adaptacion		E Exhaust	.2755" 7.00mm	.4390" 11.15mm	2.047" 52mm	A-5
<b>M4289</b>	160 Adaptacion		A Intake	.2755" 7.00mm	.4390" 11.15mm	2.362" 60mm	B
<b>M4315</b>	L 10 - 300 12 Val.		A - E Int./Exh.	.3815" 9.69mm	.6505" 16.52mm	3.386" 86mm	E-2-5
<b>DAEWOO</b>							
<b>M4119</b>	Racer - Cielo - Lanos A14SMS 1.4		A - E Int./Exh.	.2772" 7.04mm	.4345" 11.03mm	1.811" 46mm	A-1-2
<b>M4119+3EX</b>	Racer - Cielo - Lanos A14SMS 1.4		A - E Int./Exh.	.2772" 7.04mm	.4375" 11.11mm	1.811" 46mm	A-1-2
<b>M4119+5EX</b>	Racer - Cielo - Lanos A14SMS 1.4		A - E Int./Exh.	.2772" 7.04mm	.4395" 11.16mm	1.811" 46mm	A-1-2
<b>M4119-1 IN</b>	Racer - Cielo - Lanos A14SMS 1.4		A - E Int./Exh.	.2762" 7.01mm	.4345" 11.03mm	1.811" 46mm	A-1-2
<b>M4119-1 IN+3EX</b>	Racer - Cielo - Lanos A14SMS 1.4		A - E Int./Exh.	.2762" 7.01mm	.4375" 11.11mm	1.811" 46mm	A-1-2
<b>M4129</b>	Cielo Super Taxi		E Exhaust	.2360" 6.00mm	.4355" 11.06mm	1.535" 39mm	I-2
<b>M4129+3EX</b>	Cielo Super Taxi		E Exhaust	.2360" 6.00mm	.4385" 11.14mm	1.535" 39mm	I-2
<b>M4129+5EX</b>	Cielo Super Taxi		E Exhaust	.2360" 6.00mm	.4405" 11.19mm	1.535" 39mm	I-2

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4130	Cielo Super Taxi		A	.2360"	.4355"	1.693"	A-1	
			Intake	6.00mm	11.06mm	43mm		
M4130+3EX	Super Taxi		A	.2360"	.4385"	1.693"	A-1	
			Intake	6.00mm	11.14mm	43mm		
M4130+5EX	Super Taxi		A	.2360"	.4405"	1.693"	A-1	
			Intake	6.00mm	11.19mm	43mm		
M4195	Labo-Tico - Damas		A - E	.2165"	.4355"	1.693"	I-2	
			Int./Exh.	5.50mm	11.06mm	43mm		
M4195+3EX	Labo-Tico - Damas		A - E	.2165"	.4385"	1.693"	I-2	
			Int./Exh.	5.50mm	11.13mm	43mm		
M4195+5EX	Labo-Tico - Damas		A - E	.2165"	.4405"	1.693"	I-2	
			Int./Exh.	5.50mm	11.18mm	43mm		
M4195-1 IN	Labo-Tico - Damas		A - E	.2155"	.4355"	1.693"	I-2	
			Int./Exh.	5.50mm	11.06mm	43mm		
M4195-1.5 IN	Labo-Tico - Damas		A - E	.2150"	.4355"	1.693"	I-2	
			Int./Exh.	5.46mm	11.06mm	43mm		
M4195-1.5 IN+3EX	Labo-Tico - Damas		A - E	.2150"	.4385"	1.693"	I-2	
			Int./Exh.	5.46mm	11.13mm	43mm		
M4233	Matiz 12 Valv.		A - E	.2155"	.3970"	1.890"	I-2	
			Int./Exh.	5.47mm	10.08mm	48mm		
M4235	Cielo GLX 1500, 2 ejes de levas A16DMS 1.6 16 V, Lanos, Nubira, Tacuma		A - E	.2365"	.4350"	1.574"	A-3	
			Int./Exh.	6.01mm	11.03mm	40mm		
M4235+5EX	Cielo GLX 1500, 2 ejes de levas +0,005" en Dia. Ext. A16DMS 1.6 16 V, Lanos, Nubira, Tacuma		A - E	.2365"	.4400"	1.574"	A-3	
			Int./Exh.	6.01mm	11.17mm	40mm		
M4242	Nubira 16 Val., Rezzo, Tacuma T20SED4 2.0 16 V, X20SED 2.0 16 V		E	.2360"	.3950"	1.378"	E-2	
			Exhaust	6.00mm	10.03mm	35mm		
M4243	Nubira 16 Val., Rezzo, Tacuma T20SED4 2.0 16 V, X20SED 2.0 16 V		A	.2360"	.3950"	1.771"	E-2	
			Intake	6.00mm	10.03mm	45mm		
M4268	Leganza 16 Val.		A - E	.2350"	.3945"	1.771"	E-2	
			Int./Exh.	5.97mm	10.02mm	45mm		
M4301	Lanos, Cielo 2 Lts - 8 Val.		A - E	.2770"	.4350"	1.693"	I	
			Int./Exh.	7.03mm	11.05mm	43mm		
M8177	Damas esp. 8 Val.		A - E	.2155"	.4350"	1.575"	A	
			Int./Exh.	5.47mm	11.05mm	40mm		
M8181	Escoda		A - E	.2180"	.4366"	1.732"	H-1	
			Int./Exh.	5.53mm	11.09mm	44mm		
<b>DAIHATSU</b>								
M3029	1.000 F-10		E	.2755"	.4750"	1.890"	F	
			Exhaust	7.00mm	12.06mm	48mm		
M3029+3EX	1.000		E	.2755"	.4780"	1.890"	F	
			Exhaust	7.00mm	12.14mm	48mm		
M3029+5EX	1.000 F-10		E	.2755"	.4800"	1.890"	F	
			Exhaust	7.00mm	12.19mm	48mm		
M3029A	1.000 F-10		A	.2755"	.4750"	1.653"	F	
			Intake	7.00mm	12.06mm	42mm		
M4072	F-20 12R 1.6 Delta Microbús Taft		A - E	.3150"	.5535"	1.968"	A-2	
			Int./Exh.	8.00mm	14.06mm	50mm		
M4072+3EX	F-20 12R 1.6 Delta Microbús Taft		A - E	.3150"	.5565"	1.968"	A-2	
			Int./Exh.	8.00mm	14.13mm	50mm		
M4238	Feroza Terios YRV K3-VE 1.3 16 V, 4x4		E	.2595"	.4745"	2.165"	E-1-2	
			Exhaust	6.59mm	12.05mm	55mm		
M4239	Feroza Terios YRV K3-VE 1.3 16 V, 4x4		A	.2595"	.4745"	2.165"	E-2	
			Intake	6.59mm	12.05mm	55mm		
M4291	Súper Delta		A - E	.2755"	.4550"	2.323"	I-2	
			Int./Exh.	7.00mm	11.55mm	59mm		
M4336	Terios 1,3L. Yaris 16 val.		A - E	.1970"	.3830"	2.086"	A-1-2	
			Int./Exh.	5.00mm	9.73mm	53mm		
M4336A	Terios 1,3L. Yaris 16 val.		A - E	.1970"	.3830"	1.378"	A-1-2	
			Int./Exh.	5.00mm	9.73mm	35mm		
M8094	Charade Para rimar		A - E	.2716"	.4756"	2.165"	I-2	
			Int./Exh.	6.90mm	12.08mm	55mm		

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION		AÑO	A. / E.	DIAMETRO / DIAMETER		LARGO	FORMA
	MOTOR / ENGINE		YEAR	Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.	LENGTH	TYPE
<b>DETROIT</b>								
<b>M8016</b>	V - 53			A - E	.2480"	.5007"	2.520"	E-2
	Para rimar			Int./Exh.	6.30mm	12.72mm	64mm	
<b>M8017</b>	Serie 71			E	.3118"	.5007"	2.520"	E-2
	Para rimar			Exhaust	7.92mm	12.72mm	64mm	
<b>M8201</b>	671			A - E	.3425"	.5630"	3.268"	A-2-6
				Int./Exh.	8.70mm	14.30mm	83mm	
<b>DEUTZ</b>								
<b>M8133</b>	17.10			A - E	.3110"	.6730"	2.362"	A-2
	Para rimar			Int./Exh.	7.90mm	17.09mm	60mm	
<b>DODGE</b>								
<b>M210</b>	201-218-230			A - E	.3430"	.6570"	2.835"	E-2-3
	6 CL-MOD-VIEJOS			Int./Exh.	8.71mm	16.69mm	72mm	
<b>M212</b>	361-413			E	.4375"	.6890"	3.110"	A
				Exhaust	11.11mm	17.50mm	79mm	
<b>M212-1 IN</b>	361-413			E	.4365"	.6890"	3.110"	A
				Exhaust	11.08mm	17.50mm	79mm	
<b>M213</b>	361-413			A	.3740"	.6890"	3.307"	D
				Intake	9.50mm	17.50mm	84mm	
<b>M3036-5</b>	8 cil. 259-315-273-318			A - E	.3730"	.5020"	2.638"	A
	340-350-361-413			Int./Exh.	9.47mm	12.75mm	67mm	
<b>M4029-5</b>	* Adaptación			A - E	.3745"	.5020"	3.268"	A
	5.000 - Tractor			Int./Exh.	9.51mm	12.75mm	83mm	
<b>M4205</b>	* Rosca			A - E	.3725"	.5020"	2.638"	A
	Otros			Int./Exh.	9.46mm	12.75mm	67mm	
<b>M4205L</b>	Lisa			A - E	.3725"	.5020"	2.638"	A
	Otros			Int./Exh.	9.46mm	12.75mm	67mm	
<b>M4293</b>	Neon 8 Val.			A - E	.2350"	.4350"	1.850"	A
				Int./Exh.	5.97mm	11.05mm	47mm	
<b>M513</b>	8 cil. 326			A - E	.3745"	.5020"	2.638"	A
				Int./Exh.	9.51mm	12.75mm	67mm	
<b>M516</b>	6 cil. 170-198-225, 8 cil. 241-283-315			A - E	.3745"	.5020"	2.441"	A
	325-383			Int./Exh.	9.51mm	12.75mm	62mm	
<b>FIAT</b>								
<b>M 4015A</b>	127-147, 131 A1, AF1, B1			A - E	.3150"	.5930"	1.850"	E-2
	131 A7, B, B7. 131 AB, Mirafior-Tipo 1.1			Int./Exh.	8.00mm	15.06mm	47mm	
<b>M4015A (VE-3)</b>	127-147, 131 A1, AF1, B1			A - E	.3150"	.5930"	1.850"	E-2-3
	131 A7, B, B7. 131 AB, Vaciado externo -3			Int./Exh.	8.00mm	15.06mm	47mm	
<b>M4015A+3EX</b>	127-147, 131 A1, AF1, B1			A - E	.3150"	.5960"	1.850"	E-2
	131 A7, B, B7. 131 AB, Mirafior-Tipo 1.1			Int./Exh.	8.00mm	15.13mm	47mm	
<b>M4015</b>	124 / 128 / 127 A			A - E	.3150"	.5535"	1.850"	E-2
	128 A, AC, AS, Premium - Tempa			Int./Exh.	8.00mm	14.06mm	47mm	
<b>M4015+3EX</b>	124 / 128 / 127 A			A - E	.3150"	.5565"	1.850"	E-2
	128 A, AC, AS, 'Premium - Tempa			Int./Exh.	8.00mm	14.13mm	47mm	
<b>M4015+5EX</b>	124 / 128			A - E	.3150"	.5585"	1.850"	E-2
	128 A, AC, AS, 'Premium - Tempa			Int./Exh.	8.00mm	14.18mm	47mm	
<b>M4025</b>	673 N, 126 A1-A2-AB			A	.3150"	.5530"	2.401"	A-2
	126, 500, 650, 700			Intake	8.00mm	14.05mm	61mm	
<b>M4026</b>	673 N Panda, Van.			E	.3150"	.5530"	2.165"	E-2
	141 A - B 126			Exhaust	8.00mm	14.05mm	55mm	
<b>M4061</b>	Tavria			A - E	.3155"	.5540"	1.929"	E-1-2
				Int./Exh.	8.01mm	14.07mm	49mm	
<b>M4061+3EX</b>	Tavria			A - E	.3155"	.5570"	1.929"	E-1-2
				Int./Exh.	8.01mm	14.14mm	49mm	



# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION		AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
	MOTOR / ENGINE			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4061+5EX	Tavria			A - E	.3155"	.5590"	1.929"	E-1-2	
				Int./Exh.	8.01mm	14.19mm	49mm		
M4264	Brama			A - E	.2755"	.5135"	1.653"	E-2	
	8 CL.			Int./Exh.	7.00mm	13.04mm	42mm		
M4294	Siena			A - E	.2370"	.3950"	1.575"	E-1-2	
	8 Val.			Int./Exh.	6.02mm	10.03mm	40mm		
M8005	Fiat Lancia			A - E	.3130"	.5940"	1.811"	E-2	
				Int./Exh.	7.95mm	15.08mm	46mm		
M8018	132			A - E	.3110"	.5937"	1.889"	E-3	
	Para rimar			Int./Exh.	7.90mm	15.08mm	48mm		
M8064	Adaptacion			A - E	.3125"	.5645"	2.756"	A	
	Topolino			Int./Exh.	7.94mm	14.33mm	70mm		
M8190	100 D 0.8 Lts.			A - E	.2755"	.5130"	1.653"	I-2	
	600 - 750			Int./Exh.	7.00mm	13.03mm	42mm		
M8191	100 G 0.8 Lts.			A - E	.2755"	.5130"	1.811"	I-2	
	850 Berlina			Int./Exh.	7.00mm	13.03mm	46mm		
M933	Fiat Zastava 1300, Polski 125-112 1.8 L,			A	.3155"	.5930"	1.890"	A-1-2	
	114B 2.3 L, 115C 1.5 L, 116C 1.1 L, 1.3 L			Intake	8.01mm	15.06mm	48mm		
M933A	Fiat Zastava 1300, Polski 125-112 1.8 L,			E	.3155"	.5930"	1.614"	A-1-2	
	114B 2.3 L, 115C 1.5 L, 116C 1.1 L, 1.3 L			Exhaust	8.01mm	15.06mm	41mm		
<b>FORD CO.</b>									
M3036-5	6Cil. 262, 8Cil. -330-332-352-360-361, 390-391-406-427-430			A - E	.3730"	.5020"	2.638"	A	
	<b>Nota:</b> Guía Adaptación / Universal. Trabajo pesado			Int./Exh.	9.47mm	12.75mm	67mm		
M4007-5	6Cil. 200, 8Cil.239-272-292			A - E	.3430"	.5020"	2.362"	B	
	<b>Nota:</b> Guías con cabeza de 14.30mm y largo de 17mm Guide with head diameter of 14.30mm and 17mm. Long			Int./Exh.	8.71mm	12.75mm	60mm		
M4007-5E	Ford			A - E	.3740"	.5020"	2.362"	B	
	<b>Nota:</b> Guías con cabeza de 14.30mm y largo de 17mm Guide with head diameter of 14.30mm and 17mm. Long			Int./Exh.	9.50mm	12.75mm	60mm		
M4007-5+3EX	6 y 8 Cl. 200-239-272-292			A - E	.3430"	.5050"	2.362"	B	
				Int./Exh.	8.71mm	12.82mm	60mm		
M4008-5	6Cil. 200, 8Cil.239-272-292			A - E	.3430"	.5020"	2.480"	B	
	<b>Nota:</b> Guías con cabeza de 17mm y largo de 16mm Guide with head diameter of 17mm and 16mm. Long			Int./Exh.	8.71mm	12.75mm	63mm		
M4008-5E	Ford y Otros			A - E	.3740"	.5020"	2.480"	B	
	<b>Nota:</b> Guías con cabeza de 17mm y largo de 16mm Guide with head diameter of 17mm and 16mm. Long			Int./Exh.	9.50mm	12.75mm	63mm		
M4075	Ford Currier	80		A	.3170"	.5530"	2.008"	A-1	
				Intake	8.05mm	14.05mm	51mm		
M4075-1 IN	Ford Currier	80		A	.3160"	.5530"	2.008"	A-1	
				Intake	8.02mm	14.05mm	51mm		
M4075+1EX	Ford Currier	80		A	.3170"	.5540"	2.008"	A-1	
				Intake	8.05mm	14.07mm	51mm		
M4075E (318 I)	Ford Currier	80		A	.3180"	.5530"	2.008"	A-1	
				Intake	8.07mm	14.05mm	51mm		
M4075E+3EX (318 I)	Ford Currier	80		A	.3180"	.5560"	2.008"	A-1	
				Intake	8.07mm	14.12mm	51mm		
M4075E+5EX (318 I)	Ford Currier	80		A	.3180"	.5580"	2.008"	A-1	
				Intake	8.07mm	14.17mm	51mm		
M4075+3EX	Ford Currier	80		A	.3170"	.5560"	2.008"	A-1	
				Intake	8.05mm	14.12mm	51mm		
M4075+5EX	Ford Currier	80		A	.3170"	.5580"	2.008"	A-1	
				Intake	8.05mm	14.17mm	51mm		
M4076	Ford Currier	80		E	.3170"	.5530"	2.008"	A-1-3	
				Exhaust	8.05mm	14.05mm	51mm		
M4076+3EX	Ford Currier	80		E	.3170"	.5560"	2.008"	A-1-3	
				Exhaust	8.05mm	14.12mm	51mm		

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION		AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
	MOTOR / ENGINE			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4076+5EX	Ford Courier		80	E	.3170"	.5580"	2.008"	A-1-3	
				Exhaust	8.05mm	14.17mm	51mm		
M4076E (318 I)	Ford Courier		80	E	.3180"	.5530"	2.008"	A-1-3	
				Exhaust	8.07mm	14.05mm	51mm		
M4076+1EX	Ford Courier		80	E	.3170"	.5540"	2.008"	A-1-3	
				Exhaust	8.05mm	14.07mm	51mm		
M4077	Ford Pony			A	.3135"	.5145"	2.047"	A-1	
	Modelo viejo / Old model			Intake	7.96mm	13.07mm	52mm		
M4077+3EX	Ford Pony			A	.3135"	.5175"	2.047"	A-1	
	Modelo viejo / Old model			Intake	7.96mm	13.14mm	52mm		
M4077+5EX	Ford Pony			A	.3135"	.5195"	2.047"	A-1	
	Modelo viejo / Old model			Intake	7.96mm	13.19mm	52mm		
M4078	Ford Pony			E	.3135"	.5145"	1.850"	A-1	
	Modelo viejo / Old model			Exhaust	7.96mm	13.07mm	47mm		
M4078+3EX	Ford Pony			E	.3135"	.5175"	1.850"	A-1	
	Modelo viejo / Old model			Exhaust	7.96mm	13.14mm	47mm		
M4078+5EX	Ford Pony			E	.3135"	.5195"	1.850"	A-1	
	Modelo viejo / Old model			Exhaust	7.96mm	13.19mm	47mm		
M4167	Ford Trader 4.100			A - E	.3150"	.5020"	2.125"	A-2	
				Int./Exh.	8.00mm	12.75mm	54mm		
M4190	Ford Festiva			A	.2165"	.3750"	1.575"	I	
				Intake	5.50mm	9.52mm	40mm		
M4191	Ford Festiva			E	.2165"	.3750"	1.575"	I-3	
				Exhaust	5.50mm	9.52mm	40mm		
M4197	Ford Festiva			A - E	.2755"	.4740"	1.968"	A-1-2	
				Int./Exh.	7.00mm	11.93mm	50mm		
M4205	F 150 *Rosca			A - E	.3725"	.5020"	2.638"	A-5	
	Varios			Int./Exh.	9.46mm	12.75mm	67mm		
M4205L	Lisa			A - E	.3725"	.5020"	2.638"	A	
	Varios			Int./Exh.	9.46mm	12.75mm	67mm		
M4206	F 150			A - E	.3425"	.5020"	2.519"	A-5	
	Varios			Int./Exh.	8.70mm	12.75mm	64mm		
M4206L	Varios			A - E	.3425"	.5020"	2.519"	A	
				Int./Exh.	8.70mm	12.75mm	64mm		
M4207	Varios 11/32			A - E	.3410"	.5030"	2.637"	B	
	Rosca			Int./Exh.	8.66mm	12.77mm	67mm		
M4207L	Varios 11/32			A - E	.3410"	.5030"	2.637"	B	
				Int./Exh.	8.66mm	12.77mm	67mm		
M4240	Ford 200 (5/16)			A - E	.3130"	.4400"	1.890"	A	
				Int./Exh.	7.95mm	11.17mm	48mm		
M4261	5000 y otros			A - E	.3745"	.5020"	3.346"	B	
				Int./Exh.	9.51mm	12.75mm	85mm		
M4261-1.5 IN	5000 y otros			A - E	.3730"	.5020"	3.346"	B	
				Int./Exh.	9.47mm	12.75mm	85mm		
M4280	Pincher			A - E	.3420"	.5020"	2.992"	B	
	8 Val.			Int./Exh.	8.68mm	12.75mm	76mm		
M4284	Laser 8 val.			A - E	.2755"	.4545"	1.929"	I-1-2	
				Int./Exh.	7.00mm	11.54mm	49mm		
M4297	Corcel del Rey			A - E	.2755"	.4390"	1.929"	E	
	1.3 - 1.6 Lts.			Int./Exh.	7.00mm	11.15mm	49mm		
M4298	Corcel del Rey			A - E	.2750"	.4382"	1.653"	A-2	
	1.3 - 1.6 Lts., (Tapa Negra)			Int./Exh.	6.98mm	11.13mm	42mm		
M4312	Fiesta 1.6 Lts.			A - E	.2370"	.4345"	1.535"	A-1-2	
				Int./Exh.	6.02mm	11.04mm	39mm		
M4314	4.4 - 4.2			A - E	.3750"	.5020"	3.268"	A	
				Int./Exh.	9.52mm	12.75mm	83mm		
M4335	Ford Explorer			A - E	.2755"	.4722"	1.732"	A	
				Int./Exh.	7.00mm	12.00mm	44mm		
M5004	FORD SIERRA Con escala de diametro 12mm x 6mm de largo / Scale of 12mm x 6mm long			E	.3170"	.5020"	2.051"	E	
				Exhaust	8.05mm	12.75	52mm		

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M5007	Explorer		A	.2755"	.4945"	2.205"	A	
			Intake	7.00mm	12.56mm	56mm		
M5008	Explorer		E	.2755"	.4945"	2.126"	A	
			Exhaust	7.00mm	12.56mm	54mm		
M510	8Cil. 239-256-272-292-312		A - E	.3435"	.5020"	2.638"	A	
	<b>Nota:</b> Guía Adaptación / Universal		Int./Exh.	8.72mm	12.75mm	67mm		
M510-0.5 IN	Varios motores		A - E	.3430"	.5020"	2.638"	A	
			Int./Exh.	8.71mm	12.75mm	67mm		
M510-0.5 IN+3EX	Varios motores		A - E	.3430"	.5050"	2.638"	A	
			Int./Exh.	8.71mm	12.82mm	67mm		
M510-1.0 IN+3EX	Varios motores		A - E	.3425"	.5050"	2.638"	A	
			Int./Exh.	8.70mm	12.82mm	67mm		
M510-1.5 IN	Varios motores		A - E	.3420"	.5020"	2.638"	A	
			Int./Exh.	8.68mm	12.75mm	67mm		
M512	Ford		A - E	.3125"	.5020"	2.638"	A	
	<b>Nota:</b> Guía Adaptación / Universal		Int./Exh.	7.94mm	12.75mm	67mm		
M514	8Cil. 292-302-330-332-361-391-401-477-534		E	.4370"	.6270"	2.638"	A	
	<b>Nota:</b> Guía Adaptación / Universal		Exhaust	11.10mm	15.92mm	67mm		
M515	6Cil. 215-223-240-300		A - E	.3435"	.5020"	2.441"	A	
	8Cil. 239-256-260-272-279-289-292-312-302-317-351		Int./Exh.	8.72mm	12.75mm	62mm		
M515L 83	Varios motores		A - E	.3435"	.5020"	3.267"	A	
	Pincher		Int./Exh.	8.72mm	12.75mm	83mm		
M8143	Varios		A - E	.3410"	.4736"	2.638"	A	
			Int./Exh.	8.66mm	12.03mm	67mm		

### FORD CO. DIESEL

M4029-5	5000 Tractor		A - E	.3745"	.5020"	3.268"	A
			Int./Exh.	9.51mm	12.75mm	83mm	
M4167	Trader 4.100		A - E	.3150"	.5020"	2.125"	A-2
			Int./Exh.	8.00mm	12.75mm	54mm	
M8219	5000		A - E	.3740"	.6265"	2.992"	A
			Int./Exh.	9.50mm	15.91mm	76mm	
M8230	Ford, Motor 6600/7800		A-E	.3720"	.6270"	3.465"	A
	Año 1988-1993		Int/Exh	9,45mm	15,92mm	88mm	

### FORDSON TRACTOR DIESEL

M810	Major D-220 592 E, DOVER 110 / 150		A - E	.3750"	.6265"	2.992"	A-2
	Thames Trader. Cargo		Int/Exh	9.52mm	15.91mm	76mm	
M8132	Major D-220		A - E	.3740"	.6267"	2.992"	A-2
	Int. Esp.		Int./Exh.	9.50mm	15.92mm	76mm	
M8192	Serie. 220-242-330		A - E	.3752"	.6268"	2.992"	A-2
	590E-270E-2715E		Int./Exh.	9.53mm	15.92mm	76mm	

### GAS

M919	Campero 70-75		A - E	.3545"	.6720"	2.795"	E-2-3
			Int./Exh.	9.00mm	17.07mm	71mm	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E. Int./Exh.		DIAMETRO / DIAMETER Ø. I. / I. Ø. Ø. E. / O. Ø.		LARGO LENGTH	FORMA TYPE
<b>GENERAL MOTORS</b>								
<b>M110</b>	Chevrolet 216-235-261		E		.3430"	.5645"	2.441"	A
			Exhaust		8.71mm	14.34mm	62mm	
<b>M111</b>	Chevrolet 216-235-261		A		.3435"	.5645"	3.346"	E
			Intake		8.72mm	14.34mm	85mm	
<b>M3036-5</b>	Guía Adaptación / Universal		A - E		.3730"	.5020"	2.638"	A
			Int./Exh.		9.47mm	12.75mm	67mm	
<b>M4007-5</b>	Chevrolet 194-230-250-350- Cavalier <b>Nota:</b> Guías con cabeza de 14.30mm y largo de 17mm Guide with head diameter of 14.30mm and 17mm. Long		A - E		.3430"	.5020"	2.362"	B
			Int./Exh.		8.71mm	12.75mm	60mm	
<b>M4008-5</b>	Chevrolet 194-230-250 <b>Nota:</b> Guías con cabeza de 17mm y largo de 16mm Guide with head diameter of 17mm and 16mm. Long		A - E		.3430"	.5020"	2.480"	B
			Int./Exh.		8.71mm	12.75mm	63mm	
<b>M4008-5E</b>	6 y 8 cil. 200-239-272-292		A - E		.3740"	.5020"	2.480"	B
			Int./Exh.		9.50mm	12.75mm	63mm	
<b>M4056</b>	Chevrolet 366-B60-C70		E		.3735"	.6210"	2.835"	D
			Exhaust		9.49mm	15.77mm	72mm	
<b>M4056A</b>	Chevrolet 366-B60-C70		E		.3735"	.6210"	2.835"	E
			Exhaust		9.49mm	15.77mm	72mm	
<b>M4056E</b>	Chevrolet 366-B60-C70		E		.3735"	.6210"	2.835"	A
			Exhaust		9.49mm	15.77mm	72mm	
<b>M4057</b>	Chevrolet 366-B60-C70		A		.3745"	.6265"	2.441"	A
			Intake		9.51mm	15.91mm	62mm	
<b>M4057E</b>	Chevrolet 366-B60-C70		A		.3735"	.6265"	2.441"	A
			Intake		9.49mm	15.91mm	62mm	
<b>M4073</b>	Chevrolet Luv 1.600-2.300	80	A		.3140"	.4740"	1.811"	A-1-2
			Intake		7.97mm	12.04mm	46mm	
<b>M4073+3EX</b>	Chevrolet LUV Isuzu		A		.3140"	.4770"	1.811"	A-1-2
			Intake		7.97mm	12.11mm	46mm	
<b>M4073+5EX</b>	Chevrolet LUV Isuzu		A		.3140"	.4790"	1.811"	A-1-2
			Intake		7.97mm	12.16mm	46mm	
<b>M4073+1 IN</b>	Chevrolet LUV Isuzu 1.600 - 2.300	80	A		.3150"	.4740"	1.811"	A-1-2
			Intake		8.00mm	12.04mm	46mm	
<b>M4073-1 IN</b>	Chevrolet Luv 1.600 - 2.300	80	E		.3130"	.4740"	1.811"	A-1-2
			Exhaust		7.95mm	12.04mm	46mm	
<b>M4074</b>	Chevrolet Luv 1.600 - 2.300	80	E		.3140"	.4745"	2.165"	A-1-2
			Exhaust		7.97mm	12.05mm	55mm	
<b>M4074-1 IN</b>	Chevrolet Luv 1.600 - 2.300	80	A		.3130"	.4745"	2.165"	A-1-2
			Intake		7.95mm	12.05mm	55mm	
<b>M4074+3EX</b>	Chevrolet LUV Isuzu		E		.3140"	.4775"	2.165"	A-1-2
			Exhaust		7.97mm	12.13mm	55mm	
<b>M4074+5EX</b>	Chevrolet LUV Isuzu		E		.3140"	.4795"	2.165"	A-1-2
			Exhaust		7.97mm	12.18mm	55mm	
<b>M4074+1 IN</b>	Chevrolet LUV Isuzu 1.600 - 2.300	80	E		.3150"	.4745"	2.165"	A-1-2
			Exhaust		8.00mm	12.05mm	55mm	
<b>M4083</b>	Chevette 4Cil. 1600 <b>Nota:</b> Guías con cabeza de 14mm y largo de 8mm Guide with head diameter of 14mm and 8mm. Long		A - E		.3150"	.5020"	1.614"	B
			Int./Exh.		8.00mm	12.75mm	41mm	
<b>M4083+3EX</b>	Chevette 4Cil. 1600 <b>Nota:</b> Guías con cabeza de 14mm y largo de 8mm Guide with head diameter of 14mm and 8mm. Long		A - E		.3150"	.5050"	1.614"	B
			Int./Exh.		8.00mm	12.75mm	41mm	
<b>M4083+5EX</b>	Chevette 4Cil. 1600 <b>Nota:</b> Guías con cabeza de 14mm y largo de 8mm Guide with head diameter of 14mm and 8mm. Long		A - E		.3150"	.5070"	1.614"	B
			Int./Exh.		8.00mm	12.75mm	41mm	
<b>M4083-1 IN</b>	Chevette 4Cil. 1600		A - E		.3140"	.5020"	1.614"	B
			Int./Exh.		7.97mm	12.75mm	41mm	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO / YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO / LENGTH	FORMA / TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
<b>M4083+1 IN</b>	Chevette 4Cil. 1600		A - E	.3160"	.5020"	1.614"		B
			Int./Exh.	8.02mm	12.75mm	41mm		
<b>M4083A</b>	Chevette 4Cil. 1600 <b>Nota:</b> Guías con cabeza de 14mm y largo de 8mm Guide with head diameter of 14mm and 8mm. Long		A - E	.3125"	.5020"	1.614"		B
			Int./Exh.	7.94mm	12.75mm	41mm		
<b>M4088</b>	Chevrolet Monza 2.0 L 8 mm.		A - E	.3140"	.4720"	1.693"		A-1
			Int./Exh.	7.97mm	11.99mm	43mm		
<b>M4088+3EX</b>	Chevrolet Monza 2.0 L 8 mm.		A - E	.3140"	.4750"	1.693"		A-1
			Int./Exh.	7.97mm	12.06mm	43mm		
<b>M4094</b>	Chevrolet Sprint - Samuray - Swift 1.3 Chevitaxi, Supercarrier		A - E	.2755"	.4750"	1.890"		I-2
			Int./Exh.	7.00mm	12.06mm	48mm		
<b>M4094-1 IN</b>	Chevrolet Sprint - Samuray - Swift 1.3 Chevitaxi, Supercarrier		A - E	.2745"	.4750"	1.890"		I-2
			Int./Exh.	6.97mm	12.06mm	48mm		
<b>M4094+3EX</b>	Chevrolet Sprint - Samuray - Swift 1.3 Chevitaxi, Supercarrier		A - E	.2755"	.4780"	1.890"		I-2
			Int./Exh.	7.00mm	12.14mm	48mm		
<b>M4094+5EX</b>	Chevrolet Sprint - Samuray - Swift 1.3 Chevitaxi, Supercarrier		A - E	.2755"	.4800"	1.890"		I-2
			Int./Exh.	7.00mm	12.19mm	48mm		
<b>M4096</b>	Chevrolet 350 Nuevo modelo / New model		E	.3730"	.6210"	2.165"		E
			Exhaust	9.47mm	15.77mm	55mm		
<b>M4100</b>	Chevrolet Vitara 8 val.		A - E	.3155"	.5510"	2.086"		E
			Int./Exh.	8.01mm	13.99mm	53mm		
<b>M4101</b>	Chevrolet NPR 3900 Turbo		A - E	.3545"	.5530"	1.890"		I-2
			Int./Exh.	9.00mm	14.04mm	48mm		
<b>M4104</b>	Chevrolet Swift- Steem 1.0 1.600-16 V		A - E	.2165"	.4355"	1.260"		I-2-3
			Int./Exh.	5.50mm	11.06mm	32mm		
<b>M4104-1 IN</b>	Chevrolet Swift- Steem 1.0 1.600-16 V		A - E	.2155"	.4355"	1.260"		I-2-3
			Int./Exh.	5.47mm	11.06mm	32mm		
<b>M4104+3EX</b>	Chevrolet Swift- Steem 1.0, Sprint Inyeccion Alto - Twincan., 1.600-16 V		A - E	.2165"	.4385"	1.260"		I-2-3
			Int./Exh.	5.50mm	11.14mm	32mm		
<b>M4104+5EX</b>	Chevrolet Swift- Steem 1.0 1.600-16 V		A - E	.2165"	.4405"	1.260"		I-2-3
			Int./Exh.	5.50mm	11.19mm	32mm		
<b>M4112</b>	Chevrolet LT-500 NPR 3.900 Turbo		A - E	.3540"	.5525"	2.362"		A-1-2
			Int./Exh.	8.99mm	14.03mm	60mm		
<b>M4113</b>	Chevrolet Monza 1.800-7mm Corsa 1.3		A - E	.2755"	.4345"	1.811"		A-1-2
			Int./Exh.	7.00mm	11.03mm	46mm		
<b>M4113-1 IN</b>	Chevrolet Monza 1.800-7mm Corsa 1.3		A - E	.2745"	.4345"	1.811"		A-1-2
			Int./Exh.	6.97mm	11.03mm	46mm		
<b>M4113+3EX</b>	Chevrolet Monza 1.800-7mm Corsa 1.3		A - E	.2755"	.4375"	1.811"		A-1-2
			Int./Exh.	7.00mm	11.11mm	46mm		
<b>M4113+5EX</b>	Chevrolet Monza 1.800-7mm Corsa 1.3		A - E	.2755"	.4395"	1.811"		A-1-2
			Int./Exh.	7.00mm	11.16mm	46mm		
<b>M4119</b>	Corsa 1.6		A - E	.2772"	.4345"	1.811"		A-1-2
			Int./Exh.	7.04mm	11.03mm	46mm		
<b>M4119+3EX</b>	Corsa 1.6		A - E	.2772"	.4375"	1.811"		A-1-2
			Int./Exh.	7.04mm	11.11mm	46mm		
<b>M4119+5EX</b>	Corsa 1.6		A - E	.2772"	.4395"	1.811"		A-1-2
			Int./Exh.	7.04mm	11.16mm	46mm		
<b>M4119-1IN</b>	Corsa 1.6		A - E	.2762"	.4345"	1.811"		A-1-2
			Int./Exh.	7.01mm	11.03mm	46mm		
<b>M4119-1IN+3EX</b>	Corsa 1.6		A - E	.2762"	.4375"	1.811"		A-1-2
			Int./Exh.	7.01mm	11.11mm	46mm		
<b>M4180</b>	Chevrolet Swift 1.600 12 Val.		A - E	.2165"	.4355"	1.693"		I-1-2
			Int./Exh.	5.50mm	11.06mm	43mm		
<b>M4180+3EX</b>	Chevrolet Swift 1.600 12 Val.		A - E	.2165"	.4385"	1.693"		I-1-2
			Int./Exh.	5.50mm	11.13mm	43mm		
<b>M4180+5EX</b>	Chevrolet Swift 1.600 12 Val.		A - E	.2165"	.4405"	1.693"		I-1-2
			Int./Exh.	5.50mm	11.19mm	43mm		

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4180-1 IN	Chevrolet Swift 1.600 12 Val.		A - E Int./Exh.	.2155" 5.47mm	.4355" 11.06mm	1.693" 43mm	I-1-2	
M4186	Chevrolet NKR		A - E Int./Exh.	.3150" 8.00mm	.5520" 14.02mm	1.968" 50mm	E-1-2	
M4195	Chevrolet Spark, Taxi 7-24		A - E Int./Exh.	.2165" 5.50mm	.4355" 11.06mm	1.693" 43mm	I-2	
M4195+3EX	Chevrolet Spark, Taxi 7-24		A - E Int./Exh.	.2165" 5.50mm	.4385" 11.13mm	1.693" 43mm	I-2	
M4195+5EX	Chevrolet Spark, Taxi 7-24		A - E Int./Exh.	.2165" 5.50mm	.4405" 11.18mm	1.693" 43mm	I-2	
M4195-1 IN	Chevrolet Spark, Taxi 7-24		A - E Int./Exh.	.2155" 5.47mm	.4355" 11.06mm	1.693" 43mm	I-2	
M4195-1.5 IN	Chevrolet Spark, Taxi 7-24		A - E Int./Exh.	.2150" 5.46mm	.4355" 11.06mm	1.693" 43mm	I-2	
M4195-1.5 IN+3EX	Chevrolet Spark, Taxi 7-24		A - E Int./Exh.	.2150" 5.46mm	.4385" 11.13mm	1.693" 43mm	I-2	
M4205	Varios		A - E Int./Exh.	.3725" 9.46mm	.5020" 12.75mm	2.637" 67mm	A-5	
M4205L	Varios		A - E Int./Exh.	.3725" 9.46mm	.5020" 12.75mm	2.637" 67mm	A	
M4206	Varios		A - E Int./Exh.	.3425" 8.70mm	.5020" 12.75mm	2.519" 64mm	A-5	
M4206L	Varios		A - E Int./Exh.	.3425" 8.70mm	.5020" 12.75mm	2.519" 64mm	A	
M4207	Varios 11/32		A - E Int./Exh.	.3410" 8.66mm	.5030" 12.77mm	2.637" 67mm	B	
M4235	Aveo, Optra		A - E Int./Exh.	.2365" 6.01mm	.4350" 11.03mm	1.574" 40mm	A-2	
M4240	Chevette 250		A - E Int./Exh.	.3130" 9.95mm	.4400" 11.17mm	1.890" 48mm	A	
M4275	Alto WFR Wagon 16 Val.		A - E Int./Exh.	.2165" 5.50mm	.4160" 10.56mm	1.142" 29mm	E-1-2	
M4276	Trooper 960 8 val.		A - E Int./Exh.	.2360" 5.99mm	.4350" 11.05mm	1.811" 46mm	I-2	
M4283	Cavalier 8 val.		A - E Int./Exh.	.2755" 7.00mm	.5115" 13.00mm	2.283" 58mm	A	
M4324	Suzuki Vitara 2,0L 2,5L 24VAL.		A - E Int./Exh.	.2350" 5.97mm	.4360" 11.07mm	1.388" 35mm	I	
M4301	Corsa, Monza 2 Lts - 8 Val.		A - E Int./Exh.	.2770" 7.03mm	.4350" 11.05mm	1.693" 43mm	I	
M4334	Saturn GEO		A - E Int./Exh.	.2160" 5.48mm	.4345" 11.04mm	1.535" 39mm	A	
M4337	Aveo Taxi		A - E Int./Exh.	.2365" 6.01mm	.4345" 11.04mm	1.866" 47mm	A-1	
M4346	Astra 16VAL		A - E Int./Exh.	0,1970" 5.00mm	0,3950" 10.03mm	1.457" 37mm	F-3	
M4372	Chevrolet AVEO FAMILY 8 Val.		A - E Int./Exh.	0,2359" 6,00mm	0,4345" 11,04mm	1,889" 48mm	A	
M4374	Chevrolet Spark GT, N200, N300		A - E Int./Exh.	0,1970" 5,00mm	0,3955" 10,04mm	1,575" 40mm	A	
M5011	Chevrolet Cavalier		A - E Int./Exh.	.2355" 5.98mm	.4353" 11.05mm	1.772" 45mm	A	
M515	Chevrolet 4Cil. 153, 6Cil. 194-230-250-292 8Cil. 265-283-302-307-327		A - E Int./Exh.	.3435" 8.72mm	.5020" 12.75mm	2.441" 62mm	A	
M515L	Varios motores		A - E Int./Exh.	.3435" 8.72mm	.5020" 12.75mm	3.267" 83mm	A	
M8037	Chevy - Luv 1.6 - Luv Truck G161Z, G180Z, G180Z, SS 1.8 (Para rimar)		A Intake	.3110" 7.90mm	.4756" 12.08mm	1.772" 45mm	A	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO	A. / E.	DIAMETRO / DIAMETER		LARGO	FORMA
		YEAR	Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.	LENGTH	TYPE
M8038	Chevy - Luv 1.6 - Luv Truck		E	.3110"	.4756"	2.165"	A
	G161Z, G180Z, G180Z, SS 1.8 (Para rimar)		Exhaust	7.90mm	12.08mm	55mm	
M8065	Chevette San remo		A - E	.3125"	.4330"	2.165"	A
			Int./Exh.	7.94mm	11.00mm	55mm	
M8065A	Chevette San remo 8 Val.		A - E	.3125"	.4400"	2.165"	A
			Int./Exh.	7.94mm	11.19mm	55mm	
M8065A1	Chevette San remo 8 Val.		A - E	.3125"	.4400"	2.559"	A
			Int./Exh.	7.94mm	11.18mm	65mm	

## GENERAL MOTORS DIESEL

M4101	NPR 3.900		A - E	.3545"	.5530"	1.890"	I-2
			Int./Exh.	9.00mm	14.04mm	48mm	
M4186	N K R 8 Val. 16 Val. Turbo		A - E	.3150"	.5520"	1.968"	E-1-2
			Int./Exh.	8.00mm	14.02mm	50mm	
M4259	Corsa 16 Val.		A - E	.2755"	.4550"	1.653"	I-2
			Int./Exh.	7.00mm	11.55mm	42mm	

## HINO DIESEL

M4169	Hino Ho 6Ct -155		E	.3545"	.6314"	2.401"	E-1-2-3
			Exhaust	9.00mm	16.04mm	61mm	
M4172	Hino Ho 6Ct -195		A	.3545"	.6310"	2.716"	E-1-2-3
			Intake	9.00mm	16.03mm	69mm	
M4172+5EX	HO - 6 CT		A	.3545"	.6360"	2.716"	E-1-2-3
			Intake	9.00mm	16.15mm	69mm	
M4260	155 - 12 Val.		A - E	.3545"	.5525"	2.205"	F-1-3
			Int./Exh.	9.00mm	14.03mm	56mm	
M8019	EH - 700 Para rimar		A	.3504"	.6318"	2.716"	E-1-2
			Intake	8.90mm	16.05mm	69mm	

## HONDA

M4102	1600 - 1800		E	.2755"	.4750"	1.968"	A-1-2
			Exhaust	7.00mm	12.06mm	50mm	
M4103	1600 - 1800		A	.2755"	.4755"	2.165"	A-1-2
			Intake	7.00mm	12.07mm	55mm	
M4105	1300		A - E	.2555"	.4755"	2.165"	I
			Int./Exh.	6.49mm	12.07mm	55mm	
M4105+5EX	1300		A - E	.2555"	.4805"	2.165"	I
			Int./Exh.	6.49mm	12.20mm	55mm	
M4163	Honda Moto		A	.2155"	.4365"	1.299"	I-2
			Intake	5.47mm	11.08mm	33mm	
M4164	Honda Moto		E	.2350"	.3945"	1.417"	A-2
			Exhaust	5.97mm	10.02mm	36mm	
M4241	12 Val.		A - E	.2165"	.4360"	1.890"	A-2
			Int./Exh.	5.50mm	11.07mm	48mm	
M8021	Acord Para rimar		A	.2716"	.4756"	1.968"	I-1-2
			Intake	6.90mm	12.08mm	50mm	
M8022	Acord Para rimar		E	.2716"	.4756"	2.165"	I-1-2
			Exhaust	6.90mm	12.08mm	55mm	
M8023	Civic EH 0.5, Pick-Up Van, Acty 550 Para rimar		A	.2559"	.4748"	1.968"	I-2
			Intake	6.50mm	12.06mm	50mm	
M8023A	Civic		A	.2603"	.4748"	1.968"	I-2
			Intake	6.61mm	12.06mm	50mm	
M8024	DA 16 Para rimar		A	.2126"	.4362"	1.850"	I-2
			Intake	5.40mm	11.07mm	47mm	
M8024A	DA 16		A	.2170"	.4362"	1.850"	I-2
			Intake	5.51mm	11.07mm	47mm	
M8025	DA 16 Para rimar		E	.2126"	.4362"	2.126"	I-2
			Exhaust	5.40mm	11.07mm	54mm	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M8025A	DA 16		E Exhaust	.2170" 5.51mm	.4362" 11.07mm	2.126" 54mm	I-2	
M8091	Civic		A - E Int./Exh.	.2540" 6.45mm	.4800" 12.19mm	2.165" 55mm	I-2	
M8099	EW 1-1.5, CRX-EMI, Ballade, Civic II Integra, Shuttle Para rimar		A - E Int./Exh.	.2560" 6.50mm	.4752" 12.07mm	2.205" 56mm	I-2	
M8099A	EW 1-1.5, CRX-EMI Ballade, Civic II, Integra, Shuttle		A - E Int./Exh.	.2590" 6.58mm	.4752" 12.07mm	2.205" 56mm	I-2	
M8159			A Intake	.2085" 5.30mm	.5120" 13.00mm	2.632" 60mm	I-1-2	
M8160			E Exhaust	.2085" 5.30mm	.5120" 13.00mm	2.632" 60mm	A-2	
M8163	Civic		A Intake	.2560" 6.50mm	.5120" 13.00mm	1.811" 45mm	A-2	
M8164	Civic		E Exhaust	.2560" 6.50mm	.5120" 13.00mm	1.968" 50mm	I-2	
M8167	Civic		A - E Int./Exh.	.2126" 5.40mm	.4530" 11.50mm	2.165" 55mm	I-2	
M8212	Moto 90 cc.		A - E Int./Exh.	.1935" 4.91mm	.3980" 10.11mm	1.299" 33mm	H-1-2	
M8213	Moto 125 cc.		A - E Int./Exh.	.2090" 5.31mm	.4375" 11.11mm	1.653" 42mm	H-1-2	
M8214	Titán Moto 125 cc.		A - E Int./Exh.	.1965" 4.99mm	.3975" 10.09mm	1.771" 45mm	H-1-2	
M8215	Moto XLS 250 cc.		A - E Int./Exh.	.2070" 5.26mm	.4375" 11.11mm	1.771" 45mm	H-1-2	
M8216	Moto XLS 250 cc.		A - E Int./Exh.	.2145" 5.45mm	.4370" 11.10mm	2.126" 54mm	H-1-2	

## HYUNDAI

M4116	Excel 8 Val.		A Intake	.2590" 6.58mm	.4764" 12.10mm	1.732" 44mm	A-1-2
M4116+3EX	Excel 8 Val.		A Intake	.2590" 6.58mm	.4794" 12.17mm	1.732" 44mm	A-1-2
M4116+5EX	Excel 8 Val.		A Intake	.2590" 6.58mm	.4814" 12.23mm	1.732" 44mm	A-1-2
M4117	Excel 8 Val., G4CN 1.8 16v G4CP 2.0, Lantra I, Sonata II		E Exhaust	.2600" 6.60mm	.4764" 12.10mm	1.929" 49mm	A-1-2
M4117+3EX	Excel 8 Val., G4CN 1.8 16v G4CP 2.0, Lantra I, Sonata II		E Exhaust	.2600" 6.60mm	.4794" 12.17mm	1.929" 49mm	A-1-2
M4117+5EX	Excel 8 Val., G4CN 1.8 16v G4CP 2.0, Lantra I, Sonata II		E Exhaust	.2600" 6.60mm	.4814" 12.23mm	1.929" 49mm	A-1-2
M4118	Accent 12 Val.		A - E Int./Exh.	.2360" 6.00mm	.4355" 11.06mm	1.535" 39mm	A-1-2
M4118-1 IN	Accent 12 Val.		A - E Int./Exh.	.2350" 5.97mm	.4355" 11.06mm	1.535" 39mm	A-1-2
M4118+3EX	Accent 12 Val.		A - E Int./Exh.	.2360" 6.00mm	.4385" 11.13mm	1.535" 39mm	A-1-2
M4118+5EX	Accent 12 Val.		A - E Int./Exh.	.2360" 6.00mm	.4405" 11.19mm	1.535" 39mm	A-1-2
M4129	Verna - Accent 12 Val.		E Exhaust X4 Val.	.2360" 6.00mm	.4355" 11.06mm	1.535" 39mm	I-2
M4129+3EX	Verna - Accent 12 Val.		E Exhaust X4 Val.	.2360" 6.00mm	.4385" 11.14mm	1.535" 39mm	I-2
M4129+5EX	Verna - Accent 12 Val.		E Exhaust X4 Val.	.2360" 6.00mm	.4405" 11.19mm	1.535" 39mm	I-2



# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4130	Verna - Accent 12 Val.		A Intake X8 Val.	.2360" 6.00mm	.4355" 11.06mm	1.693" 43mm	A-1	
M4130+3EX	Verna - Accent 12 Val.		A Intake X8 Val.	.2360" 6.00mm	.4385" 11.14mm	1.693" 43mm	A-1	
M4130+5EX	Verna - Accent 12 Val.		A Intake X8 Val.	.2360" 6.00mm	.4405" 11.19mm	1.693" 43mm	A-1	
M4137	Excel 1500 Elantra 16 Val.		E Exhaust	.2600" 6.60mm	.4770" 12.11mm	1.968" 50mm	E-1-2-3	
M4137+3EX	Excel 1500 Elantra 16 Val.		E Exhaust	.2600" 6.60mm	.4800" 12.19mm	1.968" 50mm	E-1-2-3	
M4137A	Excel 1500		E Exhaust	.2585" 6.56mm	.4770" 12.11mm	1.968" 50mm	E-1-2-3	
M4138	Excel 1500 Elantra 16 Val.		A Intake	.2600" 6.60mm	.4770" 12.11mm	1.732" 44mm	E-1-2-3	
M4138+3EX	Excel 1500 Elantra 16 Val.		A Intake	.2600" 6.60mm	.4800" 12.19mm	1.732" 44mm	E-1-2-3	
M4184	Sonata V6 - 16 Val 4G32 1.6, 4G33 1.4, 4G36 1.2, Stellar Pony		A Intake	.3150" 8.00mm	.5140" 13.05mm	1.732" 44mm	A-1-2	
M4185	Sonata V6 - 16 Val 4G32 1.6, 4G33 1.4, 4G36 1.2, Stellar Pony		E Exhaust	.3150" 8.00mm	.5140" 13.05mm	1.889" 48mm	A-1-3	
M4226	Elantra, G4CN 1.8 16v G4CP 2.0, Lantra I, Sonata II		E Exhaust	.2590" 6.58mm	.4750" 12.06mm	1.968" 50mm	A-1-2	
M4227	Elantra, G4CN 1.8 16v G4CP 2.0, Lantra I, Sonata II		A Intake	.2590" 6.58mm	.4750" 12.06mm	1.811" 46mm	A-1-2	
M4236	Brand Atos		A - E Int./Exh.	.2165" 5.50mm	.3955" 10.04mm	1.850" 47mm	A-1-2	
M4236+3EX	Brand Atos		A - E Int./Exh.	.2165" 5.50mm	.3985" 10.12mm	1.850" 47mm	A-1-2	
M4236-1 IN	Brand Atos		A - E Int./Exh.	.2155" 5.47mm	.3955" 10.04mm	1.850" 47mm	A-1-2	
M8027	Excel Para rimar		A Intake	.2560" 6.50mm	.4764" 12.10mm	1.732" 44mm	I-2	
M8028	Excel Santa Fé (SM) Para rimar , G4JSG 2.4 16v, 4x4		E Exhaust	.2560" 6.50mm	.4764" 12.10mm	1.929" 49mm	I-2	
M8029	Excel Santa Fé (SM) Para rimar , G4JSG 2.4 16v, 4x4		A - E Int./Exh.	.3110" 7.90mm	.5150" 13.08mm	1.890" 48mm	I-2	

## HYUNDAI DIESEL

M4170	H 100, 2.9CRDI 2.9 Sport Porter, Terracan (HP)		E Exhaust	.3155" 8.01mm	.5145" 13.07mm	2.913" 74mm	I-2-3
M4251	TATA INDICA		E Exhaust	.2750" 6.98mm	.5130" 13.03mm	1.733" 44mm	E-1-2
M4252	TATA INDICA		A Intake	.2750" 6.98mm	.5130" 13.03mm	1.575" 40mm	E-2

## INTERNATIONAL DIESEL (IHC)

M3013	D-264-268, BD 264 4.6 BD 281/ BTD 6/ 614/ 624/ 634, BTD Serie 8-80		A - E Int./Exh.	.3745" 9.51mm	.6885" 17.48mm	3.740" 95mm	A
M4095	DT-466, DT-630		A - E Int./Exh.	.3740" 9.50mm	.6260" 15.90mm	2.756" 70mm	A
M4200	DT-466 nuevo		A - E Int./Exh.	.3130" 7.95mm	.5650" 14.35mm	2.401" 61mm	A
M4208	408		A - E Int./Exh.	.3150" 8.00mm	.5650" 14.35mm	2.401" 61mm	A
M4220	466		A - E Int./Exh.	.3745" 9.51mm	.6265" 15.91mm	2.362" 60mm	A

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4270	DT-466, DT-408 8 Val. Mod. 95		A - E	.3170"	.5530"	2.008"	A-1-2	
			Int./Exh.	8.05mm	14.05mm	51mm		
M4292	DT 360 8 Val.		A - E	.3745"	.6265"	2.598"	A-2-5	
			Int./Exh.	9.51mm	15.91mm	66mm		
M711	(R190) 361-401-450		E	.4370"	.6910"	2.835"	E	
			Exhaust	11.10mm	17.55mm	72mm		
M712	(R190) 361-401-450		A	.4370"	.6910"	3.071"	A-2	
			Intake	11.10mm	17.55mm	78mm		
M713	V304 - V345		A - E	.3755"	.6890"	2.913"	E	
			Int./Exh.	9.54mm	17.50mm	74mm		
M713A	V304 - V345		A - E	.3755"	.6890"	2.913"	E	
			Int./Exh.	9.54mm	17.50mm	74mm		
M714	(R160)SD 220-240-265 BD220, 240, 264, BG241		A - E	.3755"	.6265"	2.520"	E	
			Int./Exh.	9.54mm	15.91mm	64mm		
M717	V392-4 / 196		A - E	.4170"	.6890"	2.913"	E	
			Int./Exh.	10.59mm	17.50mm	74mm		
M8124	466 Para rimar		A - E	.3700"	.6267"	2.756"	A-2	
			Int./Exh.	9.40mm	15.92mm	70mm		
M8124A	466		A - E	.3740"	.6267"	2.756"	A-2-5	
			Int./Exh.	9.50mm	15.92mm	70mm		
M8158	7.3 Para rimar		A - E	.3732"	.6260"	2.756"	A-2	
			Int./Exh.	9.48mm	15.90mm	70mm		
M8199	6354, 1.6/ 1.7/ 1.8/ 1603/ Mot. 6.354 Perkins 5.8		A	.3748"	.6267"	2.283"	E	
			Intake	9.52mm	15.92mm	58mm		
M8200	6354, 1.6/ 1.7/ 1.8/ 1603/ Mot. 6.354 Perkins 5.8		E	.3750"	.6265"	2.401"	E-3	
			Exhaust	9.52m	15.91mm	61mm		

## ISUZU

M4073	Isuzu Chevrolet Luv - WFR Mod. 80		E	.3140"	.4740"	1.811"	A-1-2
			Exhaust	7.97mm	12.04mm	46mm	
M4073-1 IN	WFR - Mod. 80		E	.3130"	.4740"	1.811"	A-1-2
			Exhaust	7.95mm	12.04mm	46mm	
M4073+3EX	Isuzu Chevrolet Luv - WFR Mod. 80		E	.3140"	.4770"	1.811"	A-1-2
			Exhaust	7.97mm	12.11mm	46mm	
M4073+5EX	Isuzu Chevrolet Luv - WFR Mod. 80		E	.3140"	.4790"	1.811"	A-1-2
			Exhaust	7.97mm	12.16mm	46mm	
M4074	Isuzu Chevrolet Luv - WFR Mod. 80		A	.3140"	.4745"	2.165"	A-1-2
			Intake	7.97mm	12.05mm	55mm	
M4074-1 IN	Isuzu Chevrolet Luv - WFR		A	.3130"	.4745"	2.165"	A-1-2
			Intake	7.95mm	12.05mm	55mm	
M4074+3EX	Isuzu Chevrolet Luv - WFR		A	.3140"	.4775"	2.165"	A-1-2
			Intake	7.97mm	12.13mm	55mm	
M4074+5EX	Isuzu Chevrolet Luv - WFR		A	.3140"	.4795"	2.165"	A-1-2
			Intake	7.97mm	12.18mm	55mm	
M4097	580, Mot. E 120, T 12D, TD, Tractor, Bus, Camión		A - E	.4330"	.7100"	2.992"	E-1-2-3-5
			Int./Exh.	11.00mm	18.03mm	76mm	
M4112	LT 500, 4 BA 1 2.8D, 4 BC 1 3.3D, 4 BB 1 3.6D, Elf 250, Journey M, L, K		A - E	.3540"	.5525"	2.362"	A-1-2
			Int./Exh.	8.99mm	14.03mm	60mm	
M4139	Forward Elf 350, C330 3.3D, D 500 5.0D, Journey K, L		A - E	.3550"	.5525"	2.362"	A-1-2
			Int./Exh.	9.02mm	14.03mm	60mm	
M4139 -0.5 IN	Forward Elf 350, C330 3.3D, D 500 5.0D, Journey K, L		A - E	.3545"	.5525"	2.362"	A-1-2
			Int./Exh.	9.00mm	14.03mm	60mm	
M4140	Trooper, G 161 Z 1.6, G 180 Z 1.8, G 200 Z 2.0 Elf 150, Faster, Florian, Gemini, JourneyS, Light Elf		E	.3140"	.4745"	2.165"	A-1
			Exhaust	7.97mm	12.05mm	55mm	
M4140+5EX	Trooper, G 161 Z 1.6, G 180 Z 1.8, G 200 Z 2.0 Elf 150, Faster, Florian, Gemini, JourneyS, Light Elf		E	.3140"	.4795"	2.165"	A-1
			Exhaust	7.97mm	12.18mm	55mm	
M4141	Trooper, G 161 Z 1.6, G 180 Z 1.8, G 200 Z 2.0 Elf 150, Faster, Florian, Gemini, JourneyS, Light Elf		A	.3140"	.4743"	1.811"	A-1
			Intake	7.97mm	12.04mm	46mm	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
<b>M4141+5EX</b>	Trooper, G 161 Z 1.6, G 180 Z 1.8, G 200 Z 2.0 Elf 150, Faster, Florian, Gemini, JourneyS, Light Elf		A	.3140"	.4793"	1.811"	A-1	
<b>M8030</b>	Forward, 6 BB 1 5.4D, 6 BD 1 5.8D, TD, 6 BF 1 6.1D JBR/ YBR/ CCM/ VBK/ SBR Para rimar		A - E Int./Exh.	.3523" 8.95mm	.5531" 14.05mm	2.362" 60mm	A-1-2	
<b>M8069</b>	C 240 2.4 D, Elf, Journey TLD 23/ 43/ 53/ 63		A - E Int./Exh.	.3070" 7.80mm	.5530" 14.04mm	2.007" 51mm	E-2	
<b>M8082</b>	Pup - NKR., Chevrolet, 4 JB 1T 2.8TD, C 190 2.0D C 223 2.2D, C 223 T 2.2TD, Elf 150, Fester Rodeo, Florián, 117 Coupé/Rodeo, Bighorn, Campo		A Intake	.3120" 7.92mm	.5520" 14.02mm	1.968" 50mm	E-1-2	
<b>M8083</b>	Pup - NKR., Chevrolet, 4 JB 1T 2.8TD, C 190 2.0D C 223 2.2D, C 223 T 2.2TD, Elf 150, Fester Rodeo, Florián, 117 Coupé/Rodeo, Bighorn, Campo		E Exhaust	.3120" 7.92mm	.5520" 14.02mm	2.086" 53mm	E-1-2	
<b>M8097</b>	C 240, Para rimar , C 221 2.2D, Elf, Light Bus, Route Van/ Truck		A - E Int./Exh.	.3110" 7.90mm	.5530" 14.04mm	2.086" 53mm	E-1-2	
<b>M8097A</b>	C 240, C 221 2.2D, Elf, Light Bus, Route Van/ Truck		A - E Int./Exh.	.3138" 7.97mm	.5530" 14.04mm	2.086" 53mm	E-1-2	
<b>M8126</b>	4 Z D1, Para rimar		E Exhaust	.3110" 7.90mm	.5031" 12.78mm	2.165" 55mm	E-1-2	
<b>M8127</b>	4 Z D1, Para rimar		A - E Int./Exh.	.3110" 7.90mm	.5031" 12.78mm	1.850" 47mm	E-1-2	
<b>M8152</b>	6 V D1 Para rimar		A - E Int./Exh.	.2323" 5.90mm	.4354" 11.06mm	1.968" 50mm	I-2	
<b>M8153</b>	C 223 - C 201 Para rimar		A - E Int./Exh.	.3110" 7.90mm	.5530" 14.04mm	2.165" 55mm	I-2	
<b>M8157</b>	6 S A 1 Para rimar		A - E Int./Exh.	.3858" 9.80mm	.6330" 16.08mm	2.362" 60mm	E-1-2	
<b>IVECO DIESEL</b>								
<b>M4237</b>	Buseta, Mot. 8140.07 2.5 D, Mot. 8140.61 2.5D Daily I 30.8, I 35.8 I 40.8		A - E Int./Exh.	.3160" 8.02mm	.5125" 13.01mm	2.204" 56mm	E-2	
<b>JANMOR DIESEL</b>								
<b>M8204</b>	B - 10		A - E Int./Exh.	.3935" 9.99mm	.5920" 15.04mm	2.520" 64mm	F-2	
<b>M8205</b>	B - 9		A - E Int./Exh.	.3535" 8.98mm	.5525" 14.03mm	2.283" 58mm	F-2-2	
<b>M8206</b>	B - 8		A - E Int./Exh.	.3140" 7.97mm	.5135" 13.04mm	2.205" 56mm	F-3	
<b>M8207</b>	NS - 18		A - E Int./Exh.	.3150" 8.00mm	.5125" 13.01mm	1.889" 48mm	F-2-3	
<b>M8208</b>	NS - 50		A - E Int./Exh.	.2760" 7.01mm	.4730" 12.01mm	1.733" 44mm	F-2-3	
<b>M8209</b>	NS - 75		A - E Int./Exh.	.2755" 7.00mm	.4735" 12.02mm	1.771" 45mm	F-2-3	
<b>M8210</b>	NS - 90		A - E Int./Exh.	.3155" 8.01mm	.5125" 13.01mm	1.890" 48mm	F-2-3	
<b>M8211</b>	BLD - 33		A - E Int./Exh.	.3150" 8.00mm	.5125" 13.01mm	1.850" 47mm	A-1-2-3	
<b>JAC</b>								
<b>M4373</b>	JAC Taxi VVT 16 Valvulas		A - E Int./Exh.	.1974" 5.01mm	.4175" 10.60mm	1.378" 35mm		
<b>JEEP</b>								
<b>M310</b>	134L/134F		E Exhaust	.3750" 9.52mm	.6570" 16.69mm	3.071" 78mm	E-2-3	
<b>M311</b>	134L	36-50	A Intake	.3750" 9.52mm	.6570" 16.69mm	2.756" 70mm	D	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M312	134F		A	.3750"	.6580"	2.401"	E-2	
			Intake	9.52mm	16.71mm	61mm		
M313	Tornado OHC-230		A - E	.3420"	.6265"	2.205"	E	
			Int./Exh.	8.69mm	15.91mm	56mm		
<b>JINCHENG</b>								
M4253	JS 125 12		E	.2165"	.4355"	1.732"	H-1-2-3	
			Exhaust	5.50mm	11.06mm	44mm		
M4254	JS 125 12		A	.2165"	.4355"	1.772"	H-1-2	
			Intake	5.50mm	11.06mm	45mm		
<b>JOHN DEERE</b>								
M813	254 - 281		A - E	.3750"	.6255"	3.307"	E	
			Int./Exh.	9.52mm	15.89mm	84mm		
<b>KIA</b>								
M4118	Sephia 6 mm. 16 Val.		A - E	.2360"	.4355"	1.535"	I-2	
			Int./Exh.	6.00mm	11.06mm	39mm		
M4164	Carnival 24 Val.		A - E	.2350"	.3945"	1.417"	A-2	
			Int./Exh.	5.97mm	10.02mm	36mm		
M4181	Sportage		A - E	.2360"	.4355"	1.968"	I-2	
			Int./Exh.	5.99mm	11.06mm	50mm		
M4190	Pride Rio 16 Val.		A	.2165"	.3750"	1.575"	I-2	
			Intake	5.50mm	9.52mm	40mm		
M4191	Pride Rio 16 Val.		E	.2165"	.3750"	1.575"	I-3	
			Exhaust	5.50mm	9.52mm	40mm		
M4197	Sephia 7.0 mm.		A - E	.2755"	.4740"	1.968"	A-1-2	
			Int./Exh.	7.00mm	12.04mm	50mm		
M4221	Carnival 12 Val.		A - E	.2365"	.3875"	1.181"	A-2	
			Int./Exh.	6.01mm	9.84mm	30mm		
M4234	Rio 12 Val.		A - E	.2165"	.3755"	1.653"	I-2	
			Int./Exh.	5.50mm	9.53mm	42mm		
M4255	Carnival 16 Val.		A	.2370"	.4350"	1.772"	I-1-2	
			Intake	6.02mm	11.05mm	45mm		
M4256	Sephia 2 B5 1.5 Lts-16 Val.		E	.2370"	.4350"	1.929"	I-1-2-3	
			Exhaust	6.02mm	11.05mm	49mm		
M4257	Sephia 2 B5 1.5 Lts-16 Val.		A	.2755"	.4740"	1.968"	A-1-2	
			Intake	7.00mm	12.04mm	50mm		
M4258	Sephia 1, 1.600cc 8 Val. B6 1.6i		E	.2755"	.4740"	1.968"	A-1-2-3	
			Exhaust	7.00mm	12.04mm	50mm		
M4265	Sephia 1, 1.600cc 8 Val. B6 1.6i		A - E	.2160"	.3755"	1.653"	I-2	
			Int./Exh.	5.48mm	9.54mm	42mm		
M4307	Rio Taxi 1,3 L 8 Val.		A - E	.2560"	.4740"	1.693"	I-2	
			Int./Exh.	6.50mm	12.04mm	43mm		
M8182	Sportage 16 Val. ESP. 16 Val.		A - E	.2370"	.4370"	1.968"	I-2	
			Int./Exh.	6.02mm	11.10mm	50mm		
<b>KIA DIESEL</b>								
M4101	16 Val. Esp.		A - E	.3545"	.5530"	1.890"	I	
			Int./Exh.	9.00mm	14.04mm	48mm		
M4106	Besta 2.7		A	.3150"	.5530"	1.614"	I-1-2	
			Intake	8.00mm	14.04mm	41mm		
M4106+5EX	Besta 2.0 - 2.2		A	.3150"	.5580"	1.614"	E-1-2	
			Intake	8.00mm	14.17mm	41mm		
M4107	Besta 2.0 - 2.2		E	.3150"	.5530"	1.496"	I-1-2-3	
			Exhaust	8.00mm	14.04mm	38mm		
M4115	Besta 2.0 - 2.2		A - E	.3150"	.5010"	2.126"	I-2	
			Int./Exh.	8.00mm	12.72mm	54mm		

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION		AÑO	A. / E.	DIAMETRO / DIAMETER		LARGO	FORMA
	MOTOR / ENGINE	YEAR			Int./Exh.	Ø. I. / I. Ø.		
M4145	Besta 1.6			A - E	.3550"	.5530"	2.125"	A-2
	Ceres 2.4			Int./Exh.	9.02mm	14.04mm	54mm	
M4245	3500			A - E	.2755"	.4740"	2.086"	E-2-3
				Int./Exh.	7.00mm	12.04mm	53mm	
M4279	Pregio 8Val. 3,0L Diesel			A - E	.3555"	.5530"	1.929"	A-3
	Kia K-300 8 Val. Diesel			Int./Exh.	8.52mm	14.04mm	49mm	
M4332	Sportage diesel			A - E	.2340"	.4355"	1.436"	E
				Int./Exh.	5.95mm	11.07mm	36.5mm	

### LADA

M4061	2121, Mot. 1200 1.2, 1300 1.3 Riva 1200, L Niva Riva Salón			E	.3155"	.5540"	1.929"	E-1-2
				Exhaust	8.01mm	14.07mm	49mm	
M4061+3EX	2121, Mot. 1200 1.2, 1300 1.3 Riva 1200, L Niva Riva Salón			E	.3155"	.5570"	1.929"	E-1-2
				Exhaust	8.01mm	14.14mm	49mm	
M4061+5EX	2121, Mot. 1200 1.2, 1300 1.3 Riva 1200, L Niva Riva Salón			E	.3155"	.5590"	1.929"	E-1-2
				Exhaust	8.01mm	14.19mm	49mm	
M4061A	2121, Mot. 1200 1.2, 1300 1.3 Riva 1200, L Niva Riva Salón			A	.3155"	.5540"	1.653"	E-1-2
				Intake	8.01mm	14.07mm	42mm	
M4061A+3EX	2121, Mot. 1200 1.2, 1300 1.3 Riva 1200, L Niva Riva Salón			A	.3155"	.5570"	1.653"	E-1-2
				Intake	8.01mm	14.14mm	42mm	
M4061A+5EX	2121, Mot. 1200 1.2, 1300 1.3 Riva 1200, L Niva Riva Salón			A	.3155"	.5590"	1.653"	E-1-2
				Intake	8.01mm	14.20mm	42mm	
M8031	Niva Para rimar			A - E	.3110"	.5540"	1.889"	E-2
				Int./Exh.	7.90mm	14.07mm	48mm	
M8032	Niva Para rimar			A - E	.3110"	.5540"	1.066"	E-2
				Int./Exh.	7.90mm	14.07mm	42mm	
M8142	Niva Para rimar			A - E	.3110"	.5540"	1.889"	E-2
				Int./Exh.	7.90mm	14.07mm	48mm	

### LAND ROVER

M914A	Santana Campero, Mot.. 10H, 11H 2.3 Landrover, 88, 90, 110			A	.3130"	.5330"	2.008"	F-1
				Intake	7.95mm	13.54mm	51mm	
M915A	Santana Campero, Mot.. 10H, 11H 2.3 Landrover, 88, 90, 110			E	.3440"	.5650"	2.008"	F-1
				Exhaust	8.74mm	14.35mm	51mm	
M8046	Range Rover Para rimar			A - E	.3410"	.5941"	2.598"	A-2
				Int./Exh.	8.66mm	15.09mm	66mm	
M8095	Santana, Mot. 11L 2.5, 10J2.3D,12J2.5D Para rimar			E	.3440"	.5650"	2.244"	F-1
				Exhaust	8.74mm	14.35mm	57mm	

### LISTER DIESEL

M3052	HA/HB 2-3-4-6, HR/HRW 2-3-4-6 Industrial			A	.3740"	.6270"	2.519"	E
				Intake	9.50mm	15.92mm	64mm	
M3053	HA/HB 2-3-4-6, HR/HRW 2-3-4-6 Industrial			E	.3740"	.6270"	2.519"	E
				Exhaust	9.50mm	15.92mm	64mm	
M4123	TL/TS 2-3, 1.3-1.5-1.9 D Industrial			E	.3440"	.5330"	2.283"	A-2-3
				Exhaust	8.74mm	13.53mm	58mm	
M4124	TL/TS 2-3, 1.3-1.5-1.9 D Industrial			A	.3440"	.5330"	2.362"	E
				Intake	8.74mm	13.53mm	60mm	
M8196	SR1/SR2/SW1/SW2 ST1/ST2/ST3 Industrial			A	.3440"	.5325"	2.086"	A
				Intake	8.74mm	13.52mm	53mm	

### MACK DIESEL

M3011	673-675-711, Tractomula, Mot. E6 200/ 315/ 350/ C235/C330/EM6 250/275/, EM6 250/275/285/300-R, ENDT, F 673A-B, C/675/676, B			A - E	.5000"	.6880"	3.504"	E
				Int./Exh.	12.70mm	17.47mm	89mm	
M3011A	673-675-711, Tractomula VE. Esp., Mot. E6 200/ 315/ 350/ C235/C330/EM6 250/275/, EM6 250/275/285/300-R, ENDT, F 673A-B, C/675/676, B			A - E	.5010"	.6880"	3.504"	E
				Int./Exh.	12.72mm	17.47mm	89mm	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION		AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
	MOTOR / ENGINE			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
<b>M4099</b>	400			A - E	.3745"	.6885"	3.150"	E-1	
				Int./Exh.	9.51mm	17.49mm	80mm		
<b>M4201</b>	Multivalvula 6CL			A - E	.3750"	.6885"	3.150"	E-1-5	
				Int./Exh.	9.52mm	17.49mm	80mm		
<b>M8105</b>	673-675-711, Para rimar, Mot. E6 200/ 315/ 350/ C235/C330/EM6 250/275/, EM6 250/275/285/300-R, ENDT, F 673A-B, C/675/676, B			A - E	.4980"	.6880"	3.504"	E	
				Int./Exh.	12.65mm	17.47mm	89mm		
<b>M8154</b>	Renault motor Mack Para rimar			A	.3860"	.6320"	3.386"	A-2	
				Intake	9.80mm	16.05mm	86mm		
<b>M8155</b>	Renault motor Mack Para rimar			E	.3860"	.6320"	2.638"	A-2	
				Exhaust	9.80mm	16.05mm	67mm		
<b>M8220</b>	MOT 675			A - E	.5000"	.6882"	3.504"	E	
				Int./Exh.	12.70mm	17.48mm	89mm		
<b>MAZDA</b>									
<b>M3021</b>	1.300/1.600, IMP E3 1.3, E5 1.5, i, NA 1.6, TC 1.2 323 II (BD), H-Back/, Familia 1300 Familia 1500 Bongo 1600 Multivan/, Capella 929 1600 71-84			A - E	.3188"	.5530"	2.008"	E-1-2	
				Int./Exh.	8.10mm	14.05mm	51mm		
<b>M3021-1 IN</b>	1.300/1.600, IMP, NA 1.6, TC 1.2 323 II (BD), H-Back/, Familia 1300 Familia 1500 Bongo 1600 Multivan/, Capella 929 1600 71-84			A - E	.3178"	.5530"	2.008"	E-1-2	
				Int./Exh.	8.07mm	14.05mm	51mm		
<b>M3021+3EX</b>	1.300/1.600, IMP, NA 1.6, TC 1.2 323 II (BD), H-Back/, Familia 1300 Familia 1500 Bongo 1600 Multivan/, Capella 929 1600 71-84			A - E	.3188"	.5560"	2.008"	E-1-2	
				Int./Exh.	8.10mm	14.12mm	51mm		
<b>M3021+5EX</b>	1.300/1.600, IMP, NA 1.6, TC 1.2 323 II (BD), H-Back/, Familia 1300 Familia 1500 Bongo 1600 Multivan/, Capella 929 1600 71-84			A - E	.3188"	.5580"	2.008"	E-1-2	
				Int./Exh.	8.10mm	14.17mm	51mm		
<b>M3022</b>	2.600, Doble cabina, Mot. BP, BP52 1.8 16v, 4x4 BPZE 1.8 16v, 323 IV (BG) 323 V (BA), MX-5 I (NA)			A - E	.2360"	.4340"	1.929"	A-1-2	
				Int./Exh.	6.00mm	11.02mm	49mm		
<b>M4075</b>	323-626			A	.3170"	.5530"	2.008"	A-1-2	
				Intake	8.05mm	14.07mm	51mm		
<b>M4075+3EX</b>	323-626			A	.3170"	.5560"	2.008"	A-1-2	
				Intake	8.05mm	14.12mm	51mm		
<b>M4075+5EX</b>	323-626			A	.3170"	.5580"	2.008"	A-1-2	
				Intake	8.05mm	14.17mm	51mm		
<b>M4075E (318 I)</b>	323-626			A	.3180"	.5530"	2.008"	A-1-2	
				Intake	8.07mm	14.05mm	51mm		
<b>M4075E+3EX (318 I)</b>	323-626			A	.3180"	.5560"	2.008"	A-1-2	
				Intake	8.07mm	14.12mm	51mm		
<b>M4075E+5EX (318 I)</b>	323-626			A	.3180"	.5580"	2.008"	A-1-2	
				Intake	8.07mm	14.17mm	51mm		
<b>M4076</b>	323-626			E	.3170"	.5530"	2.008"	A-1-3	
				Exhaust	8.05mm	14.05mm	51mm		
<b>M4076+3EX</b>	323-626			E	.3170"	.5560"	2.008"	A-1-3	
				Exhaust	8.05mm	14.12mm	51mm		
<b>M4076+5EX</b>	323-626			E	.3170"	.5580"	2.008"	A-1-3	
				Exhaust	8.05mm	14.17mm	51mm		
<b>M4076E (318I)</b>	323-626			E	.3180"	.5530"	2.000"	A-1-3	
				Exhaust	8.07mm	14.05mm	51mm		
<b>M4076E+3EX (318 I)</b>	323-626			E	.3180"	.5560"	2.008"	A-1-3	
				Exhaust	8.07mm	14.12mm	51mm		
<b>M4076E+5EX (318 I)</b>	323-626			E	.3180"	.5580"	2.008"	A-1-3	
				Exhaust	8.07mm	14.17mm	51mm		
<b>M4092</b>	323-626 - B2000			E	.3170"	.5525"	2.165"	A-1-2-3	
				Exhaust	8.05mm	14.03mm	55mm		
<b>M4092+3EX</b>	323-626 Para rimar			E	.3170"	.5555"	2.165"	A-1-2-3	
				Exhaust	8.05mm	14.11mm	55mm		
<b>M4092+5EX</b>	323-626 Para rimar			E	.3170"	.5575"	2.165"	A-1-2-3	
				Exhaust	8.05mm	14.16mm	55mm		

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4093A	626 - B2000		A	.3170"	.5525"	2.244"	A-1	
			Intake	8.05mm	14.03mm	57mm		
M4093A+3EX	626 - B2000		A	.3170"	.5555"	2.244"	A-1	
			Intake	8.05mm	14.11mm	57mm		
M4093A+5EX	626 - B2000 Para rimar		A	.3170"	.5575"	2.244"	A-1	
			Intake	8.05mm	14.16mm	57mm		
M4110	B2200 - 626NX, Mot. F2 2.2 12v, 4x4 626 III (GD), H-Back, SW, Coupé, 626 IV (GE) SW, 929 III (HC), MX-6		E	.2755"	.4750"	2.086"	A-2-3	
			intake	7.00mm	12.06mm	53mm		
M4110-1 IN	B2200 - 626NX, Mot. F2 2.2 12v, 4x4 626 III (GD), H-Back, SW, Coupé, 626 IV (GE) SW, 929 III (HC), MX-6		E	.2765"	.4750"	2.086"	A-2-3	
			Exhaust	7.02mm	12.06mm	53mm		
M4110+3EX	B2200 - 626NX, Mot. F2 2.2 12v, 4x4 626 III (GD), H-Back, SW, Coupé, 626 IV (GE) SW, 929 III (HC), MX-6		E	.2755"	.4780"	2.086"	A-2-3	
			Exhaust	7.00mm	12.14mm	53mm		
M4110+5EX	B2200 - 626NX, Mot. F2 2.2 12v, 4x4 626 III (GD), H-Back, SW, Coupé, 626 IV (GE) SW, 929 III (HC), MX-6		E	.2755"	.4800"	2.086"	A-2-3	
			Exhaust	7.00mm	12.19mm	53mm		
M4111	B2200 - 626NX, Mot. F2 2.2 12v, 4x4 626 III (GD), H-Back, SW, Coupé, 626 IV (GE) SW, 929 III (HC), MX-6		A	.2755"	.4740"	2.086"	A-1-2	
			Intake	7.00mm	12.04mm	53mm		
M4111+1 IN	B2200 - 626NX, Mot. F2 2.2 12v, 4x4 626 III (GD), H-Back, SW, Coupé, 626 IV (GE) SW, 929 III (HC), MX-6		A	.2765"	.4740"	2.086"	A-1-2	
			Intake	7.02mm	12.04mm	53mm		
M4111+3EX	B2200 - 626NX, Mot. F2 2.2 12v, 4x4 626 III (GD), H-Back, SW, Coupé, 626 IV (GE) SW, 929 III (HC), MX-6		A	.2755"	.4770"	2.087"	A-1-2	
			Intake	7.00mm	12.11mm	53mm		
M4111+5EX	B2200 - 626NX, Mot. F2 2.2 12v, 4x4 626 III (GD), H-Back, SW, Coupé, 626 IV (GE) SW, 929 III (HC), MX-6		A	.2755"	.4790"	2.086"	A-1-2	
			Intake	7.00mm	12.16mm	53mm		
M4111A	B-2.600		A	.2755"	.4740"	2.086"	A-1-2	
			Intake	7.00mm	12.04mm	53mm		
M4144	XB-HA2,7, Titan 2700 Truck Serie E 2700 Truck		A	.3150"	.5020"	2.125"	A-2	
			intake	8mm	12.75mm	54mm		
M4145	3500		A - E	.3550"	.5530"	2.125"	A-2	
			Int./Exh.	9.01mm	14.04mm	54mm		
M4160	R2,MotR22,2D,4X4, Capella2000D RF2,0D,626II(GC), Bongo2000,Cosmo2000D		A	.3155"	.5525"	1.614"	A-1-2	
			Intake	8.01mm	14.03mm	41mm		
M4161	R2,MotR22,2D,4X4, Capella2000D RF2,0D,626II(GC), Bongo2000,Cosmo2000D		E	.3155"	.5525"	1.496"	A-1-2-3	
			Exhaust	8.01mm	14.03mm	38mm		
M4171	T-45		A - E	.3550"	.5530"	1.653"	I-2	
			Int./Exh.	9.02mm	14.04mm	42mm		
M4187	Matsuri Asaji, 626 (16 Val) FP 1.8 16v, 323 VI (BJ), 626 V, Premacy (CP)		A - E	.2370"	.4350"	1.496"	I-1-2-3	
			Int./Exh.	6.02mm	11.05mm	38mm		
M4187-1 IN	Matsuri Asaji, 626 (16 Val) FP 1.8 16v, 323 VI (BJ), 626 V, Premacy (CP)		A - E	.2360"	.4350"	1.496"	I-1-2-3	
			Int./Exh.	5.99mm	11.05mm	38mm		
M4197	323 INYECCION		A	.2755"	.4740"	1.968"	I-1-2-3	
			Intake	7.00mm	12.04mm	50mm		
M4197A	323 INYECCION		E	.2755"	.4740"	1.968"	I-1-2-3	
			Exhaust	7.00mm	12.04mm	50mm		
M4228	ALLEGRO,MotBP(DOHC) 1,8 16V GT,323IV(BG)		E	.2365"	.4350"	1.811"	I-1-2-3	
			Exhaust	6.01mm	11.05mm	46mm		
M4229	ALLEGRO,MotBP(DOHC) 1,8 16V GT,323IV(BG)		A	.2365"	.4350"	1.811"	I-1-2	
			Intake	6.01mm	11.05mm	46mm		
M4263	VA 4CL MONTA CARGA		A - E	.3180"	.5925"	2.520"	E-1-2-3	
			Int./Exh.	8.07mm	15.05mm	64mm		
M4271	Astina 323 - 16 Val.		A - E	.2355"	.4345"	1.929"	I-1-3	
			Int./Exh.	5.98mm	11.04mm	49mm		

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4277	929 12 Val.		E	.2370"	.4350"	2.165"	I-1-2	
			Exhaust	6.02mm	11.05mm	55mm		
M4278	929 12 Val.		A	.2370"	.4350"	1.929"	I-1-2	
			Intake	6.02mm	11.05mm	49mm		
M4348	Mazda 3 y 6 16 Val.		A - E	.2165"	.4350"	1,534"	A-1-2	
			Int./Exh.	5,50mm	11,05mm	39mm		
M5009	MAZDA CARGADOR		A - E	.3155"	.5925"	2.480"	E-1-1	
			Int./Exh.	8.01mm	15.05mm	63mm		
M8039	1.300 Para rimar		A - E	.3110"	.5610"	2.047"	E-1-2	
			Int./Exh.	7.90mm	14.25mm	52mm		
M8040	2.700, Para rimar, Mot. XB 2.7, Serie E 2700 Truck, Titan 2700 Truck		A - E	.3110"	.5027"	2.165"	A-2	
			Int./Exh.	7.90mm	12.76mm	55mm		
M8066	1300-1600, Familia 1500, NA 1.6, TC 1.2, 323 II (BD), H-Back / Familia 1300, Bongo 1600 Multivan / Capella 929 1600 71-84		A - E	.3170"	.5535"	2.008"	E-1-2-3	
			Int./Exh.	8.05mm	14.06mm	51mm		
M8066+5EX	1300-1600, Familia 1500, NA 1.6, TC 1.2, 323 II (BD), H-Back / Familia 1300, Bongo 1600 Multivan / Capella 929 1600 71-84		A - E	.3170"	.5585"	2.008"	E-1-2-3	
			Int./Exh.	8.05mm	14.18mm	51mm		
M8066A	1300 - 1600, Mot. E3 1.3, E5 1.5, i 323 III (BF), H-Back		A - E	.3188"	.5535"	2.008"	E-1-2-3	
			Int./Exh.	8.10mm	14.06mm	51mm		
M8066A+5EX	1300 - 1600, Mot. E3 1.3, E5 1.5, i 323 III (BF), H-Back		A - E	.3188"	.5585"	2.008"	E-1-2-3	
			Int./Exh.	8.10mm	14.18mm	51mm		
M8080	E - 3000, Mot. XB 2.7 Serie E 2700 Truck, Titan 2700 Truck		A - E	.3150"	.5020"	2.126"	A	
			Int./Exh.	8.00mm	12.75mm	54mm		
M8112	B - 2000 Para rimar		E	.3110"	.5543"	2.165"	A-2	
			Exhaust	7.90mm	14.08mm	55mm		
M8113	B-2000 PARA RIMAR		A	.3110"	.5543"	2.165"	E-2	
			Intake	7.90mm	14.08mm	55mm		
M8162	UA 1500 cc.		A - E	.3150"	.5915"	2.480"	E-1-2	
			Int./Exh.	8.00mm	15.02mm	63mm		
M8202	323IV-V,MX-5 I,II BP/BP5,2/BPZ2, (1,2/1,8)		A - E	.2400"	.4350"	1.929"	I-1-2-3	
			Int./Exh.	6.10mm	11.05mm	49mm		
<b>MAZDA DIESEL</b>								
M4098	T 45 - Turbo		A - E	.3545"	.5530"	2.087"	I	
			Int./Exh.	9.00mm	14.05mm	53mm		
M4098-1 IN	T 45 - Turbo		A - E	.3535"	.5530"	2.087"	I	
			Int./Exh.	8.98mm	14.05mm	53mm		
M4098+3EX	T 45 - Turbo		A - E	.3545"	.5560"	2.087"	I	
			Int./Exh.	9.00mm	14.12mm	53mm		
M4145	T-3500		A - E	.3550"	.5530"	2.125"	A-2	
			Int./Exh.	9.01mm	14.05mm	54mm		
M4160	R 2 Mot. R2 2.2D, 4X4, RF 2.0D, 626 II (GC) Capella 2000D, Bongo 2000D, Cosmo 2000D		A	.3155"	.5525"	1.614"	A-1-2	
			Intake	8.01mm	14.03mm	41mm		
M4161	R 2 Mot. R2 2.2D, 4X4, RF 2.0D, 626 II (GC) Capella 2000D, Bongo 2000D, Cosmo 2000D		E	.3155"	.5525"	1.496"	A-1-2-3	
			Exhaust	8.01mm	14.03mm	38mm		
M4171	T-45		E	.3550"	.5530"	1.653"	I-2	
			Exhaust	9.01mm	14.05mm	42mm		
M4171A	T-45		A	.3550"	.5530"	1.653"	I-2	
			Intake	9.01mm	14.05mm	42mm		
<b>MERCEDES BENZ</b>								
M8195	M108.920-115.920 250C,CF,S-200-300		E	.4330"	.6000"	1.771"	E-1-2	
			Exhaust	11.00mm	15.24mm	45mm		



# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

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MVM REF	APLICACIÓN / APPLICATION		AÑO	A. / E.	DIAMETRO / DIAMETER		LARGO	FORMA
	MOTOR / ENGINE		YEAR	Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.	LENGTH	TYPE
<b>MERCEDES BENZ DIESEL</b>								
<b>M4006</b>	Mercedes Benz OM-352/312, Mot. OM 312 4.6D			A - E	.3545"	.5920"	3.071"	A-2
	OM 314.910, L311, L312, L323, L328, LP 608, 808, 709			Int./Exh.	9.00mm	15.03mm	78mm	
<b>M4079</b>	Mercedes Benz OM-352/312, Mot. OM 312 4.6D			E	.3925"	.5925"	2,874"	A-2
	OM 314.910, L311, L312, L323, L328, LP 608, 808, 709			Int./Exh.	9.97mm	15.05mm	73mm	
<b>M4281</b>	OM-352 8 Val Modelo Nuevo / Latest Model			A - E	.4740"	.7100"	2.638"	E-2
				Int./Exh.	12.04mm	18.03mm	67mm	
<b>M4305</b>	Ambulancia 3.5 L			A	.3145"	.5525"	1.535"	E-1-2
	R602 39 - 5Val.			Intake	7.98mm	14.03mm	39mm	
<b>M4306</b>	Ambulancia 3.5 L			E	.3540"	.5525"	1.535"	E-1-2
	R602 39 - 5Val.			Exhaust	8.99mm	14.03mm	39mm	
<b>M8077</b>	OM 352			A	.3540"	.5925"	3.071"	E-2
				Intake	8.99mm	15.05mm	78mm	
<b>M8110</b>	OM 352-Para Rimar			E	.3897"	.5921"	2.638"	E-1-2
				Exhaust	9.90mm	15.04mm	67mm	
<b>M8110A</b>	OM 352			E	.3930"	.5921"	2.638"	E-1-2
				Exhaust	9.98mm	15.04mm	67mm	
<b>M8111</b>	OM 352-Para Rimar			A	.3504"	.5921"	2.834"	E-1
				Intake	8.90mm	15.04mm	72mm	
<b>M8111A</b>	OM 352			A	.3540"	.5921"	2.834"	E-1-2
				Intake	8.99mm	15.04mm	72mm	
<b>M8120</b>	230-E-Para Rimar			A	.3110"	.5540"	1.811"	E-1
				Intake	7.90mm	14.07mm	46mm	
<b>M8135</b>	300-E Para Rimar			E	.3504"	.5540"	2.008"	E-1
				Exhaust	8.90mm	14.07mm	51mm	
<b>M8136</b>	300-E 325-E Para Rimar			E	.2697"	.5230"	1.811"	E-1-2
				Exhaust	6.85mm	13.28mm	46mm	
<b>M8189</b>	O M 617.952			E	.3940"	.5525"	1.929"	I
	C / S / W / 123			Exhaust	10.00mm	14.03mm	49mm	
<b>MITSUBISHI</b>								
<b>M4077</b>	L 300 sencillo			A	.3135"	.5145"	2.047"	A-1-2
	8 Val.			Intake	7.96mm	13.07mm	52mm	
<b>M4077+3EX</b>	L300 sencillo			A	.3135"	.5175"	2.047"	A-1-2
	8 Val.			Intake	7.96mm	13.14mm	52mm	
<b>M4077+5EX</b>	L300 sencillo			A	.3135"	.5195"	2.047"	A-1-2
	8 val			Intake	7.96mm	13.19mm	52mm	
<b>M4078</b>	L 300 sencillo			E	.3135"	.5145"	1.850"	A-1-2
	8 Val.			Exhaust	7.96mm	13.07mm	47mm	
<b>M4078+3EX</b>	L 300 sencillo			E	.3135"	.5175"	1.850"	A-1-2
	8 Val.			Exhaust	7.96mm	13.14mm	47mm	
<b>M4078+5EX</b>	L 300 sencillo			E	.3135"	.5195"	1.850"	A-1-2
	8 Val.			Exhaust	7.96mm	13.19mm	47mm	
<b>M4130</b>	L300 16V			A - E	.2360"	.4355"	1.693"	A-1
				Int./Exh.	6.00mm	11.06mm	43mm	
<b>M4130+3EX</b>	L300 16V			A - E	.2360"	.4385"	1.693"	A-1
				Int./Exh.	6.00mm	11.14mm	43mm	
<b>M4142</b>	Montero G54B, H 100 GAS, 4 G 51 1.8, 4 G 52 2.0			E	.3150"	.5164"	2.047"	I-2-3
	4 G 63 2.0GSL, G 63 B 2.0, GLX G 64 B 2.4, 4x4			Exhaust	8.00mm	13.12mm	52mm	
	Colt I Galant I Celeste Jeep, Sapporo Eclipse I Galant II, SW Space Gear							
<b>M4142-1 IN</b>	Montero G54B, H 100 GAS, 4 G 51 1.8, 4 G 52 2.0			E	.3140"	.5164"	2.047"	I-2-3
	4 G 63 2.0GSL, G 63 B 2.0, GLX G 64 B 2.4, 4x4			Exhaust	7.97mm	13.12mm	52mm	
	Colt I Galant I Celeste Jeep, Sapporo Eclipse I Galant II, SW Space Gear							
<b>M4142+3EX</b>	Montero G54B, H 100 GAS, 4 G 51 1.8, 4 G 52 2.0			E	.3150"	.5194"	2.047"	I-2-3
	4 G 63 2.0GSL, G 63 B 2.0, GLX G 64 B 2.4, 4x4			Exhaust	8.00mm	13.19mm	52mm	
	Colt I Galant I Celeste Jeep, Sapporo Eclipse I Galant II, SW Space Gear							
<b>M4142+5EX</b>	Montero G54B, H 100 GAS, 4 G 51 1.8, 4 G 52 2.0			E	.3150"	.5214"	2.047"	I-2-3
	4 G 63 2.0GSL, G 63 B 2.0, GLX G 64 B 2.4, 4x4			Exhaust	8.00mm	13.24mm	52mm	
	Colt I Galant I Celeste Jeep, Sapporo Eclipse I Galant II, SW Space Gear							

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MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
<b>M4143</b>	Montero G54B, H 100 GAS, 4 G 51 1.8, 4 G 52 2.0 4 G 63 2.0GSL, G 63 B 2.0, GLX G 64 B 2.4, 4x4 Colt I Galant I Celeste Jeep, Sapporo Eclipse I Galant II, SW Space Gear		A Intake	.3155" 8.01mm	.5162" 13.11mm	1.850" 47mm	I-2	
<b>M4143-1 IN</b>	Montero G54B, H 100 GAS, 4 G 51 1.8, 4 G 52 2.0 4 G 63 2.0GSL, G 63 B 2.0, GLX G 64 B 2.4, 4x4 Colt I Galant I Celeste Jeep, Sapporo Eclipse I Galant II, SW Space Gear		A Intake	.3145" 7.99mm	.5162" 13.11mm	1.850" 47mm	I-2	
<b>M4143+3EX</b>	Montero G54B, H 100 GAS, 4 G 51 1.8, 4 G 52 2.0 4 G 63 2.0GSL, G 63 B 2.0, GLX G 64 B 2.4, 4x4 Colt I Galant I Celeste Jeep, Sapporo Eclipse I Galant II, SW Space Gear		A Intake	.3155" 8.01mm	.5192" 13.18mm	1.850" 47mm	I-2	
<b>M4143+5EX</b>	Montero G54B, H 100 GAS, 4 G 51 1.8, 4 G 52 2.0 4 G 63 2.0GSL, G 63 B 2.0, GLX G 64 B 2.4, 4x4 Colt I Galant I Celeste Jeep, Sapporo Eclipse I Galant II, SW Space Gear		A Intake	.3155" 8.01mm	.5212" 13.23mm	1.850" 47mm	I-2	
<b>M4321</b>	Nativa 24Val		A Intake	.2360" 5,99mm	.4355" 11,06mm	1.811" 46mm	A-1-2	
<b>M4322</b>	Nativa 24Val		E Exhaust	.2360" 5,99mm	.4355" 11,06mm	2.008" 51mm	A-1-2	
<b>MITSUBISHI DIESEL</b>								
<b>M4165</b>	4D15-4D30-4D31		A Intake	.3550" 9.02mm	.5920" 15.03mm	2.519" 64mm	A-2	
<b>M4166</b>	4D15-4D30-4D31		E Exhaust	.3550" 9.02mm	.5920" 15.03mm	2.795" 71mm	A-2-3	
<b>M4222</b>	Especial		A Intake	.2600" 6.60mm	.4770" 12.11mm	1.811" 46mm	E-1-3	
<b>M4223</b>	Especial		E Exhaust	.2595" 6.59mm	.4770" 12.11mm	2.008" 51mm	I-2	
<b>M4266</b>	Lancer 8 Val		A Intake	.2590" 6.58mm	.4750" 12.06mm	1.986" 50mm	I-3	
<b>M4266A</b>	Lancer 8 Val		E Exhaust	.2590" 6.58mm	.4750" 12.06mm	1.629" 43mm	I-3	
<b>M8003</b>	Lanser 4-G-12		A Intake	.2570" 6.53mm	.4750" 12.06mm	1.968" 50mm	A-1-2	
<b>M8004</b>	Lancer 4-G-12		E Exhaust	.2570" 6.53mm	.4750" 12.06mm	1.7716" 45mm	A-1-2	
<b>M8006</b>	Kodiak 9LH		A - E Int./Exh.	.3130" 7.95mm	.5150" 13.08mm	2.913" 74mm	A-1-2	
<b>M8042</b>	Montero, Para rimar , 4 D 55 2.3D, 4 D 55T 2.3TD 4 D 56 2.5 D, 4 D 56T 2.5TD Galant III Pajero 1 sigma colt II,III		A - E Int./Exh.	.3110" 7.90mm	.5150" 13.08mm	2.913" 74mm	I-2	
<b>M8042A</b>	Montero,Galant III, Pajero I,4D 55 2,3D 4D 55T 2,3TD 4D 56 2,5, 4D 56T 2,5D, Sigma Colt II,III		A - E Int./Exh.	.3150" 8.00mm	.5150" 13.08mm	2.913" 74mm	I-2	
<b>M8087</b>	4-D-55		A - E Int./Exh.	.3140" 7.97mm	.5495" 13.95mm	2.913" 74mm	A	
<b>M8041</b>	Canter Para Rimar		A - E Int./Exh.	.3504" 8.90mm	.5933" 15.07mm	2.756" 70mm	A-2	
<b>M8041A</b>	Canter Para Rimar		A - E Int./Exh.	.3550" 9.02mm	.5933" 15.07mm	2.756" 70mm	A-2	
<b>M8186</b>	Kodiak 9LH Especial		A - E Int./Exh.	.3135" 7.96mm	.5145" 13.07mm	2.913" 74mm	I-3	
<b>M8217</b>	4D 56 Montero, Pajero I Colt II, III / Delica.		A Intake	.3150" 8.00mm	.5160" 13.10mm	2.653" 71mm	I-3	
<b>M8218</b>	4D 56 Montero, Pajero I Colt II, III / Delica.		E Exhaust	.3150" 8.00mm	.5160" 13.10mm	2.653" 71mm	E-2-3	
<b>M4267</b>	Minicooper 8 Val.		A - E Int./Exh.	.2805" 7.12mm	.4700" 11.94mm	1.629" 43mm	I-1	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
<b>MWM</b>								
M4084	Estacionaro		A - E	.3545"	.5917"	2.283"	F	
			Int./Exh.	9.00mm	13.13mm	58mm		
M4244	24Val		A - E	.4285"	.6693"	2.913"	A	
			Int./Exh.	10.88mm	17.00mm	74mm		
M4308	229		A - E	.3504"	.5915"	2.283"	E-1	
			Int./Exh.	8.90mm	15.02mm	58mm		
<b>NISSAN / DATSUN</b>								
M3025	1000-1200 A-10 1,0 Cherry	71-95	A - E	.3150"	.4748"	2.126"	A-1	
			Int./Exh.	8.00mm	12.06mm	54mm		
M3025+3EX	Datsun 1.000-1.200 A 10 1.0 Cherry		A - E	.3150"	.4778"	2.126"	A-1	
			Int./Exh.	8.00mm	12.14mm	54mm		
M3025+5EX	Datsun 1.000-1.200 A 10 1.0 Cherry		A - E	.3150"	.4798"	2.126"	A-1	
			Int./Exh.	8.00mm	12.18mm	54mm		
M3026	Datsun 1.000-1.200 A 10 1.0 Cherry		A	.3425"	.5635"	1.890"	A-2	
			Intake	8.70mm	14.31mm	48mm		
M3026+5EX	Datsun 1.000-1.200 A 10 1.0 Cherry		A	.3425"	.5685"	1.890"	A-2	
			Intake	8.70mm	14.43mm	48mm		
M3027	Datsun 1.300-1.500 E1 1.2 Bluebird		E	.3425"	.5645"	2.204"	A-2	
			Exhaust	8.70mm	8.70mm	14.32mm		
M3027+1IN	Datsun 1.300-1.500 E1 1.2 Bluebird		E	.3435"	.5645"	2.204"	A-2	
			Exhaust	8.72mm	14.32mm	56mm		
M3027+5EX	Datsun 1.300-1.500 E1 1.2 Bluebird		E	.3425"	.5690"	2.204"	A-2	
			Exhaust	8.70mm	14.45mm	56mm		
M3028	L13 1.3, L14 1.4 L16 1.6, L16S 1.6, 140 J	67-86	A - E	.3150"	.4740"	2.323"	A-1-2	
			Int./Exh.	8.00mm	12.04mm	59mm		
M3028+5EX	L13 1.3, L14 1.4 L16 1.6, L16S 1.6, 140 J	67-86	A - E	.3150"	.4790"	2.323"	A-1-2	
			Int./Exh.	8.00mm	12.16mm	59mm		
M4059	Patrol-Samuray	79-on	A - E	.3420"	.5640"	2.559"	A	
			Int./Exh.	8.69mm	14.32mm	65mm		
M4073	TD 27		A - E	.3140"	.4740"	1.811"	I-3	
			Int./Exh.	7.97mm	12.04mm	46mm		
M4089	Nissan Urvan - Z24, D 21, Mot. Z22 2.2, Z24 2.4 Cabstar Pathfinder Pick, Up (D21) Terrano I		A	.3155"	.4735"	2.677"	A-1-2	
			Intake	8.01mm	12.03mm	68mm		
M4089-1 IN	Nissan Urvan - Z24, D 21, Mot. Z22 2.2, Z24 2.4 Cabstar Pathfinder Pick, Up (D21) Terrano I		A	.3145"	.4735"	2.677"	A-1-2	
			Intake	8.01mm	12.03mm	68mm		
M4089+3EX	Nissan Urvan - Z24, D 21, Mot. Z22 2.2, Z24 2.4 Cabstar Pathfinder Pick, Up (D21) Terrano I		A	.3155"	.4765"	2.677"	A-1-2	
			Intake	8.01mm	12.10mm	68mm		
M4089+5EX	Nissan Urvan - Z24, D 21, Mot. Z22 2.2, Z24 2.4 Cabstar Pathfinder Pick, Up (D21) Terrano I		A	.3155"	.4785"	2.677"	A-1-2	
			Intake	8.01mm	12.15mm	68mm		
M4089A	Nissan Urvan - Z24, D 21, Mot. Z22 2.2, Z24 2.4 Cabstar Pathfinder Pick, Up (D21) Terrano I		E	.3155"	.4735"	2.559"	A-1-3	
			Exhaust	8.01mm	12.03mm	65mm		
M4089A-1 IN	Nissan Urvan - Z24, D 21, Mot. Z22 2.2, Z24 2.4 Cabstar Pathfinder Pick, Up (D21) Terrano I		E	.3145"	.4735"	2.559"	A-1-3	
			Exhaust	7.99mm	12.03mm	65mm		
M4089A+3EX	Nissan Urvan - Z24, D 21, Mot. Z22 2.2, Z24 2.4 Cabstar Pathfinder Pick, Up (D21) Terrano I		E	.3155"	.4765"	2.559"	A-1-3	
			Exhaust	8.01mm	12.10mm	65mm		
M4089A+5EX	Nissan Urvan - Z24, D 21, Mot. Z22 2.2, Z24 2.4 Cabstar Pathfinder Pick, Up (D21) Terrano I		E	.3155"	.4785"	2.559"	A-1-3	
			Exhaust	8.01mm	12.15mm	65mm		
M4120	Nissan Vaned 2.400, 12 Val., KA24E, 2.4, 12v, 4x4 Pick Up (D21)(D22), Prairie Terrano II		A	.2755"	.4345"	2.047"	I-2	
			Intake	7.00mm	11.03mm	52mm		
M4120+3EX	Nissan Vaned 2.400, 12 Val., KA24E, 2.4, 12v, 4x4 Pick Up (D21)(D22), Prairie Terrano II		A	.2755"	.4375"	2.047"	I-2	
			Intake	7.00mm	11.11mm	52mm		
M4121	Nissan Vaned 2.400, 12 Val., KA24E, 2.4, 12v, 4x4 Pick Up (D21)(D22), Prairie Terrano II		E	.3150"	.4735"	2.204"	I-2-3	
			Exhaust	8.00mm	12.02mm	56mm		
M4121+3EX	Nissan Vaned 2.400, 12 Val., KA24E, 2.4, 12v, 4x4 Pick Up (D21)(D22), Prairie Terrano II		E	.3150"	.4765"	2.204"	I-2-3	
			Exhaust	8.00mm	12.10mm	56mm		

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MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4131A	Nissan Vaned 2.400, 12 Val. KA24E, 2.4, 12v, 4x4		E	.3155"	.4820"	2.086"	E-1	
M4131	Nissan A-12		Exhaust	8.01mm	12.24mm	53mm	E-1-3	
M4131+5EX	Nissan A-12		E	.3075"	.4870"	2.086"	E-1-3	
			Exhaust	7.81mm	12.37mm	53mm		
M4132A	Nissan A-12		A	.3155"	.4820"	2.086"	E-1	
			Intake	8.01mm	12.24mm	53mm		
M4132	Nissan A-12		A	.3075"	.4820"	2.086"	E-1	
			Intake	7.81mm	12.24mm	53mm		
M4132+5EX	Nissan A-12		A	.3075"	.4870"	2.086"	E-1	
			Intake	7.81mm	12.37mm	53mm		
M4133	Nissan E-16		E	.2555"	.4830"	2.283"	E-I-2-3	
			Exhaust	6.49mm	12.27mm	58mm		
M4134	Nissan E-16		A	.2555"	.4830"	2.165"	E-I	
			Intake	6.49mm	12.27mm	55mm		
M4135	Nissan Z-24		E	.3030"	.4815"	2.677"	E-1-3	
			Exhaust	7.70mm	12.23mm	68mm		
M4136	Nissan Z-24		A	.3035"	.4815"	2.677"	E-1-2	
			Intake	7.71mm	12.23mm	68mm		
M4182	Nissan Blue Bird 16 Val., QG 16DE 1.6, 16v QG15DE 1.5, QD18DE 1.8, 16v, Primera III, Almera II Almera Tino		A	.2160"	.3750"	1.574"	A-1-2	
			Intake	6.96mm	12.75mm	40mm		
M4183	Nissan Blue Bird 16 Val., QG 16DE 1.6, 16v QG15DE 1.5, QD18DE 1.8, 16v, Primera III, Almera II Almera Tino		E	.2160"	.3750"	1.574"	A-1-3	
			Exhaust	6.96mm	12.75mm	40mm		
M4190	Sentra 16 Val. Break		A	.2165"	.3750"	1.575"	I-2	
			Intake	5.50mm	9.52mm	40mm		
M4191	Sentra 16 Val. Break		E	.2165"	.3750"	1.575"	I-3	
			Exhaust	5.50mm	9.52mm	40mm		
M4224	Nissan Ex Saloon 1600		A	.2745"	.4740"	2.165"	A-2	
			Intake	6.97mm	12.04mm	55mm		
M4225	Nissan Ex Saloon 1600		E	.2745"	.4740"	2.283"	I-2-3	
			Exhaust	6.97mm	12.04mm	55mm		
M4248	Nissan CD 17		A - E	.2755"	.4350"	1,772"	I-3	
			Int./Exh.	7.00mm	11.24mm	45mm		
M4248+7EX	Nissan CD 17		A - E	.2755"	.4420"	1.772"	E-1-3	
			Int./Exh.	7.00mm	11.23mm	45mm		
M4250	Nissan LD20 LD28, L20, A, P, S 2.0, L20B 2.0, L20B, E 2.0 L24 2.4, L24E 2.4, L28 2.8 Custom Patrol, Laurel Pick Up Silvia Skyline Violet Cedric CDX, Fairlady Gloria Laurel		A - E	.3160"	.4736"	2.323"	I-1-2-3	
			Int./Exh.	8.02mm	12.03mm	59mm		
M4330	Nissan 200		A	.3400"	.5020"	1.693"	B	
			Int.	8.63mm	12.75mm	43mm		
M4331	Nissan 200		E	.3400"	.5020"	2.008"	B	
			Exh	8.63mm	12.75mm	51mm		
M4342	Bluebird - Murano 16V - SR18, SR20		A - E	.2355"	.3945"	1,066"	P-3	
			Int./Exh.	5,98mm	10,02mm	42mm		
M8012	1.500 Para rimar		A	.3385"	.5650"	1.890"	A-2	
			Intake	8.59mm	14.35mm	48mm		
M8012A	1.500 Especial		A	.3425"	.5650"	1.890"	A-2	
			Intake	8.70mm	14.35mm	48mm		
M8013	1.500 Para rimar		E	.3385"	.5650"	2.047"	A-2	
			Exhaust	8.59mm	14.35mm	52mm		
M8013A	1.500 Especial		E	.3425"	.5650"	2.047"	A-2	
			Exhaust	8.70mm	14.35mm	52mm		
M8014	1.200 Para rimar		A - E	.3110"	.4748"	2.126"	A-2	
			Int./Exh.	7.90mm	12.06mm	54mm		
M8014A	1.200 Especial		A - E	.3138"	.4748"	2.126"	A-2	
			Int./Exh.	7.97mm	12.06mm	54mm		

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MVM REF	APLICACIÓN / APPLICATION		AÑO	A. / E.		DIAMETRO / DIAMETER		LARGO	FORMA
	MOTOR / ENGINE			YEAR	Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.		
M8015	1.600			A - E	.3110"	.4756"	2.283"	A-1-2	
	Para rimar			Int./Exh.	7.90mm	12.08mm	58mm		
M8043	E 16			A - E	.2716"	.4736"	2.323"	I-2	
	Para rimar			Int./Exh.	6.90mm	12.03mm	59mm		
M8043A	E 16			A - E	.2760"	.4736"	2.323"	I-2	
				Int./Exh.	7.01mm	12.03mm	59mm		
M8044	GA 16			A - E	.2047"	.3764"	1.574"	I-2	
	Para rimar			Int./Exh.	5.20mm	9.56mm	40mm		
M8044A	GA 16			A - E	.2157"	.3764"	1.574"	I-2	
				Int./Exh.	5.48mm	9.56mm	40mm		
M8045	Z 24			A - E	.3110"	.4740"	2.646"	A-1-2	
				Int./Exh.	7.90mm	12.04mm	68mm		
M8045A	Z 24			A - E	.3138"	.4740"	2.646"	A-1-2	
				Int./Exh.	7.97mm	12.04mm	68mm		
M8070	J 13, 15, 16, 20., Bluebird Pick Up			A	.3440"	.5650"	1.889"	A	
	Cabstar Caravan Forklift, Homer Cabstar Echo			Intake	8.74mm	14.35mm	48mm		
M8071	J 13, 15, 16, 20., Bluebird Pick Up			E	.3440"	.5650"	2.205"	A	
	Cabstar Caravan Forklift, Homer Cabstar Echo			Exhaust	8.74mm	14.35mm	56mm		
M8073	A - 12			A - E	.3110"	.4823"	2.126"	E-2-3	
				Int./Exh.	7.90mm	12.25mm	54mm		
M8084	12 Val.			A	.2600"	.4200"	1.929"	A-1	
				Intake	6.60mm	10.67mm	49mm		
M8085	12 Val.			E	.2600"	.4200"	2.086"	A-1	
				Exhaust	6.60mm	10.67mm	53mm		
M8090	Nissan Sentra			A - E	.2740"	.5020"	2.165"	A-1-2	
				Int./Exh.	6.96mm	12.75mm	55mm		
M8093	Sunny			A - E	.2716"	.4736"	2.205"	A-1-2	
	Para rimar			Int./Exh.	6.90mm	12.03mm	56mm		
M8106	VG - 30			E	.3110"	.4748"	2.519"	A-1-2	
	Para rimar			Exhaust	7.90mm	12.06mm	64mm		
M8107	VG - 30			A	.2716"	.4354"	2.323"	I-3	
	Para rimar			Intake	6.90mm	11.06mm	59mm		
M8107A	VG - 30			A	.2755"	.4354"	2.323"	I-3	
				Intake	7.00mm	11.06mm	59mm		
M8108	GA 161 1.600			E	.2560"	.4193"	2.086"	I-3	
	Para rimar. 12 Val.			Exhaust	6.50mm	10.65mm	53mm		
M8108A	GA 161 1.600			E	.2590"	.4193"	2.086"	A-2-3	
	Para rimar. 12 Val.			Exhaust	6.58mm	10.65mm	53mm		
M8109	GA 161 1.600			A	.2322"	.3968"	1.929"	I-3	
	Para rimar. 12 Val.			Intake	5.90mm	10.07mm	49mm		
M8109A	GA 161 1.600			A	.2355"	.3970"	1.929"	A-2-3	
	Para rimar. 12 Val.			Intake	5.98mm	10.08mm	49mm		
M8118	C - 20			A - E	.2716"	.4354"	1.771"	I-3	
	Para rimar			Int./Exh.	6.90mm	11.06mm	45mm		
M8129	Pulsar NX			A	.2315"	.3970"	1.968"	I-3	
	Para rimar			Intake	5.88mm	10.08mm	50mm		
M8130	Pulsar NX			E	.2540"	.4192"	2.086"	I-3	
	Para rimar			Exhaust	6.45mm	10.65mm	53mm		
M8178	E 15, E 16			A	.2755"	.4728"	2.165"	I-3	
				Intake	7.00mm	12.01mm	55mm		
M8179	E 15, E 16			E	.2755"	.4728"	1.968"	I-3	
				Exhaust	7.00mm	12.01mm	50mm		

### NISSAN DIESEL

M4168	F - D6, 180-175, Mot. ED30 3.0D			A - E	.3550"	.5530"	2.362"	I-2-5
	caball civilian			Int./Exh.	9.02mm	14.04mm	60mm	
M4249	Nissan TD3 TD27 SD23			A - E	.3150"	.4755"	2.047"	E-2
				Int./Exh.	8.00mm	12.07mm	52mm	

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MVM REF	APLICACIÓN / APPLICATION		AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
	MOTOR / ENGINE			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
<b>M4333</b>	ZD 30 - 3.0L Frontier			A - E	.2750"	.4340"	1.772"	A-1	
				Int./Exh.	6.98mm	11.03mm	45mm		
<b>M4363</b>	X-Trail / Express			A - E	.2365"	.3947"	1.732"		
				Int./Exh.	6.00mm	10.02mm	44mm		
<b>OLCIT</b>									
<b>M4108</b>	1.0			A	.3150"	.4945"	2.165"	I-2	
				Intake	8.00mm	12.56mm	55mm		
<b>M4109</b>	1.0			E	.3340"	.4945"	1.968"	I	
				Exhaust	8.48mm	12.56mm	50mm		
<b>PEGASO DIESEL</b>									
<b>M4282</b>	Camion 8Val			A - E	.3950"	.7105"	3.031"	E-1	
				Int./Exh.	10.03mm	18.04mm	77mm		
<b>PERKINS</b>									
<b>M4027</b>	3.152-4.203-6.305, 4-107 1.7D, 6-305 5.0D Combine 31, 630, F 108, F 260, D 602, 702			A - E	.3150"	.5020"	2.441"	A-3	
				Int./Exh.	8.00mm	12.75mm	62mm		
<b>M4339</b>	Series 1104 - 1106			A - E	.3540"	.5130"	2.020"	A	
				Int./Exh.	9.00mm	13.03mm	51mm		
<b>M8098</b>	6-345/4-236, Extremo Ext. A 0.563" 4-248 4.0D, 4-212 3.5D, 4-236 3.9D, Combinado 186, Calsa D 150 E 1022			A - E	.3700"	.6260"	2.283"	E	
				Int./Exh.	9.40mm	15.90mm	58mm		
<b>M8098A</b>	6-345/4-236, Extremo Ext. A 0.563" 4-248 4.0D, 4-212 3.5D, 4-236 3.9D, Combinado 186, Calsa D 150 E 1022			A	.3750"	.6265"	2.283"	E	
				Intake	9.52mm	15.91mm	58mm		
<b>M817</b>	6-345/4-236,4-212 3.5D 4-236 3.9D,4-248 4.0D Combinado 186, Calsa D 150 E 1022			A - E	.3750"	.6265"	2.323"	E	
				Int./Exh.	9.52mm	15.91mm	59mm		
<b>M817E</b>	6-354/4-236 <b>Nota:</b> escala diametro 0,5625" x 10mm largo / Scale of 0,5625" x 6mm long			A - E	.3750"	.6265"	2.323"	E	
				Int./Exh.	9.52mm	15.91mm	59mm		
<b>M817A</b>	6-345/4-236,4-212 3.5D 4-236 3.9D,4-248 4.0D Combinado 186, Calsa D 150 E 1022			E	.3750"	.6265"	2.401"	E	
				Exhaust	9.52mm	15.91mm	61mm		
<b>M8199</b>	T4.40-T6.60 Turbo, Phaser 110T / 160T 6-354 5.8TD / 6-372/, 6-372.4 6.1D, Compensado			A	.3748"	.6267"	2.283"	E	
				Intake	9.52mm	15.92mm	58mm		
<b>M8200</b>	T4.40-T6.60 Turbo, Phaser 110T / 160T 6-354 5.8TD / 6-372/, 6-372.4 6.1D, Compensado			E	.3750"	.6265"	2.401"	E-3	
				Exhaust	9.52mm	15.91mm	61mm		
<b>PEUGEOT</b>									
<b>M8131</b>	504 Para rimar			A - E	.3307"	.5748"	2.126"	A-2	
				Int./Exh.	8.40mm	14.60mm	54mm		
<b>RENAULT</b>									
<b>M4085</b>	R-18 - 829 2 Lt., GTX Fuego. Master. Motor 829 2.0			A - E	.3150"	.5140"	1.968"	I-2	
				Int./Exh.	8.00mm	13.05mm	50mm		
<b>M4085+3EX</b>	R-18 - 829 2 Lt., GTX Fuego. Master. Motor 829 2.0			A - E	.3150"	.5170"	1.968"	I-2	
				Int./Exh.	8.00mm	13.13mm	50mm		
<b>M4085A</b>	R-18 - 829 2 Lt., GTX Fuego. Master. Motor 829 2.0			A - E	.3080"	.5270"	1.929"	I-1	
				Int./Exh.	7.82mm	13.38mm	49mm		
<b>M4085A+3EX</b>	R-18 - 829 2 Lt., GTX Fuego. Master. Motor 829 2.0			A - E	.3080"	.5300"	1.929"	I-1	
				Int./Exh.	7.82mm	13.46mm	49mm		
<b>M4125</b>	Renault Fuego 1.600, Motor 841, 1.6, 4x4 843/ 844/ A1M/ A2M			E	.3150"	.5170"	1.929"	A-2	
				Exhaust	8.00mm	13.13mm	49mm		
<b>M4126</b>	Renault Fuego 1.600, Motor 841, 1.6, 4x4 843/ 844/ A1M/ A2M			A	.3150"	.5170"	1.574"	I	
				Intake	8.00mm	13.13mm	40mm		
<b>M4158</b>	Renault 9 Inyeccion 1.400 Motor C3J 1.4 KAT, E6J 1.4			E	.2755"	.4745"	1.929"	E-1-2	
				Exhaust	7.00mm	12.05mm	49mm		

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MVM REF	APLICACIÓN / APPLICATION		AÑO	A. / E.		DIAMETRO / DIAMETER		LARGO	FORMA
	MOTOR / ENGINE			YEAR	Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.		
M4158-1 IN	Renault 9 Inyeccion 1.400			E		.2745"	.4745"	1.929"	E-1-2
	Motor C3J 1.4 KAT, E6J 1.4			Exhaust		6.97mm	12.05mm	49mm	
M4158+1 IN	Renault 9 Inyeccion 1.400			E		.2765"	.4745"	1.929"	E-1-2
	Motor C3J 1.4 KAT, E6J 1.4			Exhaust		7.02mm	12.05mm	49mm	
M4158+3EX	Renault 9 Inyeccion 1.400			E		.2755"	.4775"	1.929"	E-1-2
	Motor C3J 1.4 KAT, E6J 1.4			Exhaust		7.00mm	12.13mm	49mm	
M4158+5EX	Renault 9 Inyeccion 1.400			E		.2755"	.4795"	1.929"	E-1-2
	Motor C3J 1.4 KAT, E6J 1.4			Exhaust		7.00mm	12.18mm	49mm	
M4158A	Renault 9 Inyeccion 1.400			A		.2755"	.4745"	1.653"	E-1-2
	Motor C3J 1.4 KAT, E6J 1.4			Intake		7.00mm	12.05mm	42mm	
M4158A+1 IN	Renault 9 Inyeccion 1.400			A		.2765"	.4745"	1.653"	E-1-2
	Motor C3J 1.4 KAT, E6J 1.4			Intake		7.02mm	12.05mm	42mm	
M4158A+3EX	Renault 9 Inyeccion 1.400			A		.2755"	.4775"	1.653"	E-1-2
	Motor C3J 1.4 KAT, E6J 1.4			Intake		7.00mm	12.13mm	42mm	
M4158A+5EX	Renault 9 Inyeccion 1.400			A		.2755"	.4795"	1.653"	E-1-2
	Motor C3J 1.4 KAT, E6J 1.4			Intake		7.00mm	12.18mm	42mm	
M4212	Renault 19 , Mot. F8M 1.6D			A - E		.3150"	.5140"	1.496"	E-1-2
	F8Q 1.9D, TD, DT			Int./Exh.		8.00mm	13.05mm	38mm	
M4219	R - 6 / R -12 Especial			A - E		.2755"	.4390"	1.614"	E-1-2
				Int./Exh.		7.00mm	11.15mm	41mm	
M4269	Scenic 16 Val. 1600 cc			A - E		.2170"	.4355"	1.614"	A-2
	Kum. 700 mod. 99			Int./Exh.		5.51mm	11.06mm	41mm	
M4274	Brio 8 Val.			A - E		.2755"	.5140"	1.929"	E-1-2
				Int./Exh.		7.00mm	13.05mm	49mm	
M4287	Twingo 1,300 cc 8 valvulas			A - E		.2365"	.4360"	1.771"	A-2
				Int./Exh.		6.01mm	11.07mm	45mm	
M4297	R4, 5, 9.(Tapa Azul)			A - E		.2755"	.4390"	1.929"	A-2
	1.3-1.6 Lts.			Int./Exh.		7.00mm	11.15mm	49mm	
M4299	Symbol 8Val, R19			A - E		.3145"	.5140"	1.968"	E-1-2
	Energy 1.4 Lt. 8Val.			Int./Exh.		7.99mm	13.05mm	50mm	
M4302	R 19 Modelo viejo			A - E		.2755"	.4380"	1.653"	A-2
	1.4 Lt. 8Val.			Int./Exh.		7.00mm	11.12mm	42mm	
M4303	R 11			A - E		.3150"	.5170"	1.575"	E-1
	8 Val.			Int./Exh.		8.00mm	13.13mm	40mm	
M4304	Megane, clio 16 Val. 1.4, 1.6 Lts.			A - E		.2145"	.4355"	1.614"	A-1-2
				Int./Exh.		5.44mm	11.06mm	41mm	
M4304+1 IN	Megane, clio 16 Val. 1.4, 1.6 Lts.			A - E		.2155"	.4355"	1.614"	A-1-2
				Int./Exh.		5.50mm	11.06mm	41mm	
M4304+2 IN	Megane, clio 16 Val. 1.4, 1.6 Lts.			A - E		.2165"	.4355"	1.614"	A-1-2
				Int./Exh.		5.50mm	11.06mm	41mm	
M4341	Twingo IV Fase II, Clio II			A - E		.2164"	.4355"	1.600"	E-2
	1.6 Lts 16 valvulas			Int./Exh.		5.50mm	11.06mm	40mm	
M4383	Master 2,3 / 2,5 Lts Diesel 16 valvulas			A - E		.2365"	.4343"	1.974"	
				Int./Exh.		6.01mm	11.03mm	50.02mm	
M926	R-4 70/76 Mot.680 0.7			A - E		.2755"	.4390"	1.338"	A-2
	Exterior estandar <b>Nota:</b> Mida el alojamiento de la Guia. Esta Referencia tiene el diametro exterior en estandar.			Int./Exh.		7.00mm	11.15mm	34mm	
M927	R-4 70/76 Mot.680 0.7			A - E		.2755"	.4420"	1.338"	A-2
	Exterior mas .003" <b>Nota:</b> Mida el alojamiento de la Guia. Esta referencia tiene el diametro exterior mas .003"			Int./Exh.		7.00mm	11.23mm	34mm	
M929	R-6, R-12, R-18			A - E		.2755"	.4390"	1.614"	A-2
	Exterior estandar 688.711/ 712/ 713 1.1 <b>Nota:</b> Mida el alojamiento de la Guia. Esta Referencia tiene el diametro exterior en estandar.			Int./Exh.		7.00mm	11.15mm	41mm	
M930	R-6, R-12, R-18			A - E		.2755"	.4420"	1.614"	A-2
	Exterior mas .003" 688.711/ 712/ 713 1.1 <b>Nota:</b> Mida el alojamiento de la Guia.			Int./Exh.		7.00mm	11.23mm	41mm	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION		AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
	MOTOR / ENGINE			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M930+3EX	Renault 6-12		A - E	.2755"	.4450"	1.614"		41mm	A-2
	688.711/ 712/ 713 1.1		Int./Exh.	7.00mm	11.30mm	41mm			
M930+5EX	Renault 6-12		A - E	.2755"	.4470"	1.614"		41mm	A-2
	688.711/ 712/ 713 1.1		Int./Exh.	7.00mm	11.35mm	41mm			
M930+6EX	Renault 6-12		A - E	.2755"	.4480"	1.614"		41mm	A-2
	688.711/ 712/ 713 1.1		Int./Exh.	7.00mm	11.38mm	41mm			
M930+8EX	Renault 6-12		A - E	.2755"	.4500"	1.614"		41mm	A-2
	688.711/ 712/ 713 1.1		Int./Exh.	7.00mm	11.43mm	41mm			

### SIMCA

M931	1.000/1.300		A - E	.3155"	.5520"	2.008"		51mm	A-2
			Int./Exh.	8.01mm	14.02mm	51mm			

### SKODA

M4209	135B, L-1.3/ 781.135-1.3		A - E	.3140"	.4750"	1.614"		41mm	E-1-2
	Felicia I, Favorit Forman		Int./Exh.	7.97mm	12.06mm	41mm			
M4209+3EX	135B, L-1.3/ 781.135-1.3		A - E	.3140"	.4780"	1.614"		41mm	E-1-2
	Felicia I, Favorit Forman		Int./Exh.	7.97mm	12.14mm	41mm			
M4231	AEE - 1.6		A - E	.2750"	.4350"	1.299"		33mm	E-1-2
	Felicia I, Octavia SW		Int./Exh.	6.98mm	11.05mm	33mm			
M8198	AEE - 1.6		A - E	.3145"	.4750"	1.456"		37mm	F-1-2
	Felicia I, Octavia SW		Int./Exh.	7.99mm	12.06mm	37mm			

### SSANGYONG DIESEL

M4317	Korando diesel		A	.3145"	.5540"	1.574"		40mm	E-1-1
			Exh	7,98mm	14,07mm	40mm			
M4318	Korando diesel		E	.3540"	.5540"	1.457"		37mm	E-1-1
			Exh	8,99mm	14,07mm	37mm			

### STUDEBAKER

M410	Champion 169		A - E	.3130"	.6575"	2.126"		54mm	E
			Int./Exh.	7.95mm	16.70mm	54mm			

### SUBARU

M8103	1.600		E	.3110"	.5153"	2.244"		57mm	A-2
	Para rimar		Exhaust	7.90mm	13.09mm	57mm			
M8104	1.600		A	.3110"	.5153"	2.244"		57mm	I-2
	Para rimar		Intake	7.90mm	13.09mm	57mm			
M4320	Subaru vivio		A-E	.2160"	.3955"	1.575"		40mm	A-1-2
	660 CC		IntExh.	5,48mm	10,05mm	40mm			

### SUZUKI

M4058	LJ 80 SJ410 1000/1300		E	.2755"	.4770"	2.165"		55mm	I-2-3
			Exhaust	7.00mm	12.11mm	55mm			
M4058+3EX	LJ 80 SJ410 1000/1300		E	.2755"	.4800"	2.165"		55mm	I-2-3
			Exhaust	7.00mm	12.19mm	55mm			
M4058+5EX	LJ 80 SJ410 1000/1300		E	.2755"	.4820"	2.165"		55mm	I-2-3
			Exhaust	7.00mm	12.24mm	55mm			
M4058A	LJ 80 SJ410 1000/1300		A	.2755"	.4765"	2.087"		53mm	I-2
			Intake	7.00mm	12.10mm	53mm			
M4058A+3EX	LJ 80 SJ410 1000/1300		A	.2755"	.4795"	2.087"		53mm	I-2
			Intake	7.00mm	12.18mm	53mm			
M4058A+5EX	LJ 80 SJ410 1000/1300		A	.2755"	.4815"	2.087"		53mm	I-2
			Intake	7.00mm	12.23mm	53mm			
M4177	Samurai G-16, G13BB 1.3, 16V, 4x4, G16B 1.6, 16v,		A - E	.2165"	.4370"	1.260"		32mm	I-2-3
	4x4, Jimny (FJ) Wagon, R+ (MM), Baleno (EG), SW Vitara (ET,TA), Cabrio, Grand Vitara (FT,GT), Swift II (AH,AJ)		Int./Exh.	5.50mm	11.10mm	32mm			
M4178	Samurai G-13, F10A 0.9, G16A 1.6		A - E	.2755"	.4760"	1.890"		48mm	I-2
	SJ 410, Cabrio		Int./Exh.	7.00mm	12.09mm	48mm			



# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4179	Forza II, Mot. F8B 0.8, G10A 1.0		A - E	.2755"	.4782"	1.890"	I-2	
	Alto I (SS80) Alto II (EC), Swift I (AA)		Int./Exh.	7.00mm	12.14mm	48mm		
M4179+5EX	Forza II, Mot. F8B 0.8, G10A 1.0		A - E	.2755"	.4832"	1.890"	I-2	
	Alto I (SS80) Alto II (EC), Swift I (AA)		Int./Exh.	7.00mm	12.27mm	48mm		
M4324	Vitara		A - E	.2350"	.4360"	1.378"	I-2-3	
			Int./Exh.	5.97mm	11.07mm	34.5mm		
M4395	Swift 1,4 16 Val, Mod 2014	2014	A - E	.1967"	.4158"	1.407"		
			Int./Exh.	5.00 mm	10.56mm	35,7mm		
M4395-1IN	Swift 1,4 16 Val, Mod 2014 menos 1 milésima en diametro interior	2014	A - E	.1955"	.4158"	1.407"		
			Int./Exh.	4,97mm	10.56mm	35,7mm		
M8051	Para rimar G 16 R		A - E	.2126"	.4362"	1.260"	E-1-2	
			Int./Exh.	5.40mm	11.08mm	32mm		
M8147	Para rimar G 13		A - E	.2716"	.4756"	2.047"	I-2	
			Int./Exh.	6.90mm	12.08mm	52mm		
M8184	G16 R		A - E	.2360"	.4370"	1.614"	E-1-2	
			Int./Exh.	6.00mm	11.01mm	41mm		

## TOYOTA

M4023	Land Cruiser 2F 4.2		A	.3155"	.5530"	2.323"	A-2
			Intake	8.01mm	14.05mm	59mm	
M4023+5EX	Land Cruiser 2F 4.2		A	.3155"	.5580"	2.323"	A-2
			Intake	8.01mm	14.17mm	59mm	
M4024	Land Cruiser F 3.9		E	.3155"	.5530"	2.126"	A-2
			Exhaust	8.01mm	14.05mm	54mm	
M4024+5EX	Land Cruiser F 3.9		E	.3155"	.5580"	2.126"	A-2
			Exhaust	8.01mm	14.175mm	54mm	
M4032	12R Corona Hiace I		A - E	.3150"	.5525"	1.968"	A-2
			Int./Exh.	8.00mm	14.03mm	50mm	
M4032+3EX	12R Corona Hiace I		A - E	.3150"	.5555"	1.968"	A-2
			Int./Exh.	8.00mm	14.11mm	50mm	
M4032+5EX	12R Corona Hiace I		A - E	.3150"	.5575"	1.968"	A-2
			Int./Exh.	8.00mm	14.16mm	50mm	
M4091	L-2L-2LT, 2.2-2.4 Lts. Cressida / Toyoace		A	.3350"	.5520"	2.401"	A-1-2
			Intake	8.51mm	14.02mm	61mm	
M4091+3EX	L-2L-2LT, 2.2-2.4 Lts. Cressida / Toyoace		A	.3350"	.5550"	2.401"	I-2
			Intake	8.51mm	14.10mm	61mm	
M4091A	L-2L-2LT, 2.2-2.4 Lts. Cressida / Toyoace		E	.3540"	.5520"	2.362"	I-2
			Exhaust	8.99mm	14.02mm	60mm	
M4127	Hilux 20R 2.2, 21R 2.0, 22REC 2.4 Cressida Corona Camry (V1)		A	.3150"	.5135"	2.283"	I-1-2
			Intake	8.00mm	13.04mm	58mm	
M4127+3EX	Hilux 20R 2.2, 21R 2.0, 22REC 2.4 Cressida Corona Camry (V1)		A	.3150"	.5165"	2.283"	I-1-2
			Intake	8.00mm	13.12mm	58mm	
M4127+5EX	Hilux 20R 2.2, 21R 2.0, 22REC 2.4 Cressida Corona Camry (V1)		A	.3150"	.5185"	2.283"	I-1-2
			Intake	8.00mm	13.17mm	58mm	
M4128	Hilux 21R 2.2, 21R 2.0, 22REC 2.4 Cressida Corona Camry (V1)		E	.3150"	.5135"	2.283"	I-1-2
			Exhaust	8.00mm	13.04mm	58mm	
M4128+3EX	Hilux 21R 2.2, 21R 2.0, 22REC 2.4 Cressida Corona Camry (V1)		E	.3150"	.5165"	2.283"	I-1-2
			Exhaust	8.00mm	13.11mm	58mm	
M4128+5EX	Hilux 21R 2.2, 21R 2.0, 22REC 2.4 Cressida Corona Camry (V1)		E	.3150"	.5185"	2.283"	I-1-2
			Exhaust	8.00mm	13.16mm	58mm	
M4146	2E-3E, 1ND-TV 1.4TD Yaris, Verso		A - E	.2370"	.4373"	1.614"	I-2
			Int./Exh.	6.02mm	11.10mm	41mm	
M4147	3K-4K, 2K 1.0, Corolla (KE) Starlet Corolla (E7)		E	.3155"	.5155"	1.968"	I-1-2-3
			Exhaust	8.01mm	13.09mm	50mm	
M4148	3K-4K, 2K 1.0, Corolla (KE) Starlet Corolla (E7)		A	.3155"	.5155"	1.811"	I-1-2
			Intake	8.01mm	13.09mm	46mm	
M4149	3Y, 2S 2.0, 4Y/ 4Y-EC 2.2 Hiace II, III Camry (V1), Corona Celica (ST16)		E	.3155"	.5155"	2.047"	I-1-2
			Exhaust	8.01mm	13.09mm	52mm	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION MOTOR / ENGINE	AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M4150	3Y, 2S 2.0, 4Y/ 4Y-EC 2.2 Hiace II, III Camry (V1), Corona Celica (ST16)		A	.3155"	.5155"	1.968"	I-1-2	
M4153	3L		A - E	.3155"	.5155"	1.575"	I-2	
M4153E	3L Especial		A - E	.3158"	.5135"	1.575"	I-2	
M4156	22R, 20R 2.2, Celica (TA2), Celica (TA60) Land Crusier (J7)		A	.3155"	.5155"	2.283"	I-1	
M4157	22R, 20R 2.2, Celica (TA2), Celica (TA60) Land Crusier (J7)		E	.3155"	.5155"	2.283"	I-1-2	
M4173	H 3,6D, 2-H, Dyna Forklift		A - E	.3540"	.5540"	2.205"	D	
M4174	4A-FE 1.6, 16v 4A-F, Celica (T18) Coupé Corolla (E9) (E10), SW		A - E	.2370"	.4371"	1.535"	I-2	
M4175	2A 1.3, 3A LC, Corolla (E7) (E8)4.5 Sprinter, Corsa		A - E	.2760"	.4541"	1.693"	I-1	
M4175+3EX	2A 1.3, 3A LC, Corolla (E7) (E8)4.5 Sprinter, Corsa		A - E	.2760"	.4565"	1.693"	I-1	
M4176	3A, 2A 1.3 4.5		A - E	.2760"	.4541"	1.693"	I-2	
M4176-1 IN	3A, 2A 1.3 4.5		A - E	.2750"	.4541"	1.693"	I-2	
M4176-1 IN+3EX	3A, 2A 1.3 4.5		A - E	.2750"	.4565"	1.693"	I-2	
M4176+3EX	3A, 2A 1.3 4.5		A - E	.2760"	.4565"	1.693"	I-2	
M4199	Tercel 2E 1E-L 1.0		A - E	.2375"	.4354"	1.614"	I-2	
M4203	18R 2.0, 16R 1.8, 8mm Carina (TA) Corona		A - E	.3155"	.5532"	2.126"	E-5	
M4204	Corolla 4E-FE 1.3 16v 16Val. Starlet (P9)		A - E	.2370"	.4350"	1.535"	I-2	
M4246	18R, 16R 1.8, Hiace I Carina (TA), Crecida		E	.3160"	.5525"	2.244"	D-2	
M4247	18R, 16R 1.8, Hiace I Carina (TA), Crecida		A	.3140"	.5530"	2.126"	D-2	
M4272	Celica 8 Val.		A	.3150"	.5530"	2.244"	E-3	
M4273	Celica 8 Val.		A	.3150"	.5535"	2.086"	E-2	
M4300	Corolla, Araya, Sky Baby, Camry 16 Val.		A - E	.2370"	.4350"	1.535"	I-2	
M4323	Toyota Prado - Camry		A - E	.2360"	.4345"	1.614"	I-1-2	
M4349	Toyota Corola 1ZZ, Corola Verso 1.6, 2.0 L, RAV IV		A - E	.2160"	.4070"	1.378"	I-2	
M5005	Toyota Corolla		E	.2755"	.4545"	2.008"	I-2	
M8001	2T 1.6, 1200		A - E	.3140"	.5150"	1.968"	I-1-2	
M8002	22R		A - E	.3140"	.5150"	2.244"	I-1-2	
M8007	5R		A - E	.3350"	.5520"	2.086"	A	
M8007-0.5 IN	5R		A - E	.3345"	.5520"	2.086"	A	
M8007+5EX	5R		A - E	.3350"	.5570"	2.0866"	A	
M8033	3L Para rimar		A - E	.3110"	.5157"	1.575"	I-2	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION		AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
	MOTOR / ENGINE			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			
M8033A	3L			A - E	.3160"	.5157"	1.575"	I-2	
				Int./Exh.	8.02mm	13.10mm	40mm		
M8052	22R			A - E	.3110"	.5150"	2.283"	I-2	
	Para rimar			Int./Exh.	7.90mm	13.08mm	58mm		
M8053	3H - BJ			A - E	.3523"	.5535"	2.362"	A-2	
	Para rimar			Int./Exh.	8.95mm	14.06mm	60mm		
M8056	12R			A - E	.3110"	.5531"	1.968"	A-2	
	Para rimar			Int./Exh.	7.90mm	14.05mm	50mm		
M8057	2E			A - E	.2323"	.4358"	1.575"	I-2	
	Para rimar			Int./Exh.	5.90mm	11.07mm	40mm		
M8058	2L			A - E	.3346"	.5540"	2.323"	I-2	
	Para rimar			Int./Exh.	8.50mm	14.07mm	59mm		
M8059	Tercel			A	.2716"	.4550"	1.771"	I-2	
	Para rimar			Intake	6.90mm	11.56mm	45mm		
M8060	Tercel			E	.2716"	.4550"	1.968"	I-2	
	Para rimar			Exhaust	6.90mm	11.56mm	50mm		
M8067	4Y			A - E	.3100"	.5150"	1.968"	I-1-2	
				Int./Exh.	7.87mm	13.08mm	50mm		
M8067+5EX	4Y			A - E	.3100"	.5200"	1.968"	I-1-2	
				Int./Exh.	7.87mm	13.20mm	50mm		
M8068	Motor B			A - E	.3464"	.5530"	2.362"	A	
				Int./Exh.	8.80mm	14.04mm	60mm		
M8081	Tercel			A - E	.2740"	.4550"	1.968"	A-1-2	
	8 Val.			Int./Exh.	6.96mm	11.56mm	50mm		
M8092	Land Cruiser			E	.3155"	.5540"	2.126"	A-2	
				Exhaust	8.01mm	14.07mm	54mm		
M8139	Motor B			A - E	.3523"	.5540"	2.323"	I-2	
	Para rimar			Int./Exh.	8.95mm	14.07mm	59mm		
M8139A	Motor B			A - E	.3550"	.5540"	2.323"	I-2	
				Int./Exh.	9.01mm	14.07mm	59mm		
M8145	12R			A - E	.3070"	.5530"	2.047"	A-2	
	Para rimar			Int./Exh.	7.80mm	14.04mm	52mm		
M8170	12R			A - E	.3110"	.5531"	2.126"	A-2	
	Para rimar larga			Int./Exh.	7.90mm	14.05mm	54mm		
M8172	2H			A - E	.3425"	.5531"	2.362"	D	
	Para rimar			Int./Exh.	8.70mm	14.05mm	60mm		
M8174	Motor F			A	.3160"	.5520"	2.323"	A-2	
				Intake	8.02mm	14.02mm	59mm		
M8180	18R			A - E	.3155"	.5531"	2.244"	E-1-2	
				Int./Exh.	8.01mm	14.05mm	57mm		
M8185	2E			A - E	.2560"	.4370"	1.575"	I-3	
	Especial			Int./Exh.	6.50mm	11.01mm	40mm		
M8197	B Dina			A - E	.3545"	.5525"	2.441"	A	
	Land Crusier (J4)			Int./Exh.	9.00mm	14.03mm	62mm		
M916	Campero / Off road		58-60	A	.3155"	.5635"	2.756"	A	
				Intake	8.01mm	14.31mm	70mm		
M917	Campero / Off road		58-60	E	.3155"	.5635"	2.480"	A	
				Exhaust	8.01mm	14.31mm	63mm		
M917-1 IN	Campero / Off road		58-60	E	.3145"	.5635"	2.480"	A	
				Exhaust	7.98mm	14.31mm	63mm		
M922	Campero / Off road, 2F 4.2, F 3.9		68-70	A	.3155"	.5535"	2.480"	A	
	Land Crusier (J4) (J6), Forklift			Intake	8.01mm	14.06mm	63mm		
M923	Campero / Off road, 2F 4.2, F 3.9		68-70	E	.3155"	.5535"	2.165"	A	
	Land Crusier (J4) (J6), Forklift			Exhaust	8.01mm	14.06mm	55mm		

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION		AÑO YEAR	A. / E.		DIAMETRO / DIAMETER		LARGO LENGTH	FORMA TYPE
	MOTOR / ENGINE			Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.			

### TOYOTA DIESEL

M4091	Delta	A	.3350"	.5520"	2.401"	A-1-2
		Intake	8.51mm	14.02mm	61mm	
M4091+3EX	Delta	A	.3350"	.5550"	2.401"	I-2
		Intake	8.51mm	14.10mm	61mm	
M4091A	Delta	E	.3540"	.5520"	2.362"	I-2
		Exhaust	8.99mm	14.02mm	60mm	
M4151	Burbuja BJ	A - E	.3555"	.5525"	2.362"	I-2
M4152	L-2L	Int./Exh.	9.03mm	14.03mm	60mm	I-2
		A - E	.3355"	.5545"	2.401"	
M4154	2J-H	Int./Exh.	8.52mm	14.08mm	61mm	I-2
		E	.3555"	.5525"	2.362"	
M4155	2J-H	Exhaust	9.03mm	14.03mm	60mm	A-2
		A	.3555"	.5525"	2.204"	
M8203	L, 2L, 2LT (2.2-2.4) Crown, Hilux, Dyna	Intake	9.03mm	14.03mm	56mm	A-2
		A - E	.3346"	.5540"	2.401"	
		Int./Exh.	8.50mm	14.07mm	61mm	I-3

### UAZ

M4081	Campero	A	.3540"	.6710"	2.283"	D-1
		Intake	8.99mm	17.04mm	58mm	
M4081+5EX	Campero	A	.3540"	.6760"	2.283"	D-1
		Intake	8.99mm	17.17mm	58mm	
M4081+10EX	Campero	A	.3540"	.6810"	2.283"	D-1
		Intake	8.99mm	17.29mm	58mm	
M4081+15EX	Campero	A	.3540"	.6860"	2.283"	D-1
		Intake	8.99mm	17.42mm	58mm	
M4082	Campero	E	.3540"	.6710"	2.441"	A
		Exhaust	8.99mm	17.04mm	62mm	
M4082+5EX	Campero	E	.3540"	.6760"	2.441"	A
		Exhaust	8.99mm	17.17mm	62mm	
M4082+10EX	Campero	E	.3540"	.6810"	2.441"	A
		Exhaust	8.99mm	17.29mm	62mm	
M4082+15EX	Campero	E	.3540"	.6860"	2.441"	A
		Exhaust	8.99mm	17.42mm	62mm	

### VOLGA

M4086	2410 cc.	A	.3540"	.6720"	2.441"	D-1
		Intake	8.99mm	17.07mm	62mm	
M4087	2410 cc.	E	.3540"	.6720"	2.441"	D
		Exhaust	8.99mm	17.07mm	62mm	
M4087+5EX	2410 cc.	E	.3540"	.6770"	2.441"	D
		Exhaust	8.99mm	17.19mm	62mm	

### VOLVO DIESEL

M3044	D 50 B-54,F-84,F-85	A - E	.3740"	.6295"	2.559"	A-2
		Int./Exh.	9.50mm	15.99mm	65mm	
M4063	D 60 A F-609 / 611	A - E	.3155"	.6300"	2.559"	E-2
		Int./Exh.	8.01mm	16.00mm	65mm	
M8061	F 85 Para rimar	A - E	.4291"	.6315"	2.559"	A-2
		Int./Exh.	10.90mm	16.04mm	65mm	
M8101	B - 58 Para rimar	A	.4291"	.7100"	3.228"	A-2
		Intake	10.90mm	18.03mm	82mm	
M8102	B - 57 Para rimar	A - E	.4291"	.7100"	2.441"	A-2
		Int./Exh.	10.90mm	18.03mm	62mm	

# MVM LTDA. CATALOGO DE GUIAS EN HIERRO

## LISTADO POR APLICACION / LISTING BY MOTOR APPLICATION

MVM REF	APLICACIÓN / APPLICATION		AÑO	A / E.	DIAMETRO / DIAMETER		LARGO	FORMA
	MOTOR / ENGINE		YEAR	Int./Exh.	Ø. I. / I. Ø.	Ø. E. / O. Ø.	LENGTH	TYPE
<b>VOLKSWAGEN</b>								
<b>M3032</b>	1.300/1.500			A - E	.3155"	.4745"	2.638"	B
				Int./Exh.	8.01mm	12.05mm	67mm	
<b>M3032+5EX</b>	1.300/1.500			A - E	.3155"	.4795"	2.638"	B
				Int./Exh.	8.01mm	12.18mm	67mm	
<b>M3032+10EX</b>	1.300/1.500			A - E	.3155"	.4845"	2.638"	B
				Int./Exh.	8.01mm	12.30mm	67mm	
<b>M8193</b>	113, F 1.300-1.500 341 Kaefer, Cabriolet			E	.3138"	.4767"	2.598"	A-3
				Exhaust	7.97mm	12.11mm	66mm	
<b>M8194</b>	113, F 1.300-1.500 341 Kaefer, Cabriolet			E	.3138"	.4920"	2.598"	A-3
				Exhaust	7.97mm	12.50mm	66mm	
<b>M8198</b>	1F-1.6, 2E-2.0, 2H-1.8 Capoy II, Polo, Vento			A - E	.3145"	.4750"	1.456"	F-1-2
				Int./Exh.	7.99mm	12.06mm	37mm	
<b>WISCONSIN</b>								
<b>M517</b>	BG/AD/VM4			A - E	.3125"	.4385"	2.520"	A
				Int./Exh.	7.94mm	11.14mm	64mm	
<b>M517+5EX</b>	BG/AD/VM4			A - E	.3125"	.4435"	2.520"	A
				Int./Exh.	7.94mm	11.26mm	64mm	
<b>ZASTAVA</b>								
<b>M933</b>	1300CC			A	.3155"	.5930"	1.890"	A-1-2
				Intake	8.01mm	15.06mm	48mm	
<b>M933A</b>	1300CC			E	.3155"	.5930"	1.614"	A-1-2
				Exhaust	8.01mm	15.06mm	41mm	
<b>ZOTYE</b>								
<b>M4370</b>	NOMADA 4G 13/ 4G 15/1,3/1,5L			A	.2165"	.4155"	1.890"	
				Intake	5,50mm	10.55mm	48mm	
<b>M4371</b>	NOMADA 4G 13/ 4G 15/1,3/1,5L			E	.2165"	.4155"	2.166"	
				Exhaust	5,50mm	10.55mm	55mm	
<b>MOTORES INDUSTRIALES</b>								
<b>M4214</b>	Planta Electrica / Engine for electrical power			A - E	.2165"	.3800"	1.063"	A-2
				Int./Exh.	5.50mm	9.65mm	27mm	
<b>M4215</b>	Planta Electrica / Engine for electrical power			A - E	.2170"	.3800"	1.141"	E-1-2
				Int./Exh.	5.51mm	9.65mm	29mm	
<b>M4216</b>	Planta Electrica / Engine for electrical power			A - E	.2160"	.3800"	1.141"	I
				Int./Exh.	5.48mm	9.65mm	29mm	
<b>M4217</b>	Planta Electrica / Engine for electrical power			A - E	.2360"	.3980"	1.417"	A-2
				Int./Exh.	5.99mm	10.11mm	36mm	
<b>M4218</b>	Planta Electrica / Engine for electrical power			A - E	.2600"	.4790"	1.456"	E-1
				Int./Exh.	6.60mm	12.16mm	37mm	

La información contenida en este catálogo fue recopilada de fuentes confiables de información, sin embargo

MVM Ltda. no se responsabiliza por posibles errores que en este se presenten.

Las medidas en este catálogo están dadas en milésimas de pulgada y milímetros.

Version Enero / 2017

Act. 21/04/17