





## APPLICATIONS FOR:

**DENSO**

**BOSCH**

**DELPHI**

**SIEMENS VDO CONTINENTAL**

**ข้อมูลการเทียบเบอร์ปลายหัวฉีด (Nozzle)**

**ของ FIRAD สำหรับหัวฉีดของ**

**DENSO**

**BOSCH, DELPHI**

**SIEMENS VDO CONTINENTAL**

ผู้จัดจำหน่ายประจำภูมิภาค:

**Regional Distributor**

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# DENSO

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## Denso Injector Catalogue

แค็ตตาล็อกหัวฉีดเดนโซ

ปรับข้อมูลล่าสุด 06/2020

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## OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

เพื่อป้องกันความสับสนโปรดทราบว่า **!!**

รหัสประจำของผู้ผลิตต้นกำเนิดและเลขประจำตัวชิ้นส่วน  
ที่ระบุในเอกสารนี้ใช้เพื่อการอ้างอิงในที่นี้เท่านั้น

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## คำย่อและความหมาย

### ABBREVIATIONS

#### - Holes รู

In this section are reported the information about how many micro holes there are and their diameter, in this following way: <N.microholes> x <Diameter microholes>

ในส่วนนี้หมายถึงข้อมูลที่บอกจำนวนรูที่มีอยู่ในพื้นที่ของปลายหัวฉีดตัวนั้น และขนาดเส้นผ่าศูนย์กลางของรู โดยมีรูปแบบ <เลขจำนวนรู> X (ขนาดเส้นผ่า ศ.ก.)

#### - Angles มุม

In this section are reported the information related to nozzle and micro holes angular position

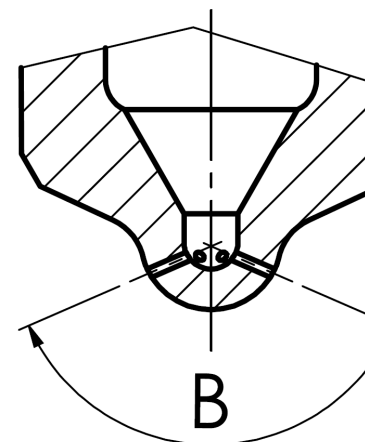
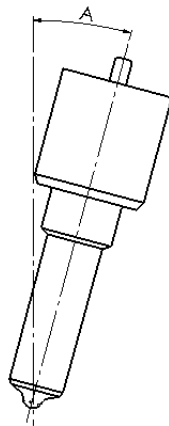
ในส่วนนี้เป็นข้อมูลของมุมเอียง(A)จากแนวตั้งของปลายหัวฉีดและมุมกวาด (B)ของรูหัวฉีด

Engine

Angle  
Spray

Angle

A B



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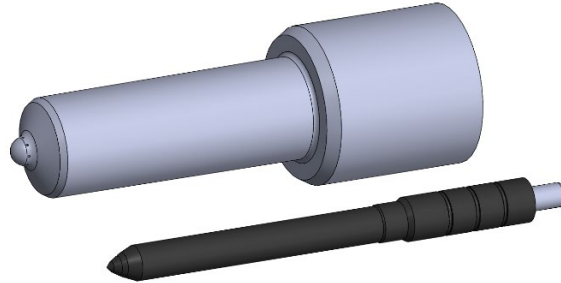
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## Denso Nozzle (1<sup>st</sup> and 2<sup>nd</sup> Generation)



รหัส FIRAD code	DENSO® ตราประทับ	DENSO® รหัสหัวฉีด	DENSO® รหัสหัวฉีด ใหม่	DENSO® P/N เลขประจำตัว	OE code รหัสผู้ผลิต	Vehicle/ Engine ยี่ห้อรถ/รหัสเครื่อง
ALLA 138 P 934-J	DLLA 138 P 934	095000-6280		093400-9340		
ALLA 142 P 793-J	DLLA 142 P 793	095000-0801		093400-7930		ISUZU – 6SD1 Engine ver. Hong Kong
ALLA 142 P 852-J	DLLA 142 P 852	095000-1210		093400-8520		
ALLA 143 P 761-J	DLLA 143 P 761	095000-0562		093400-7610		ISUZU – 4HK1/6HK1 Engines
ALLA 144 P 690-J	DLLA 144 P 690	095000-0145				ISUZU -4HK1/6HK1 Engines
ALLA 145 P 748-J	DLLA 45 P 748			093400-7480		
ALLA 148 P 915-J	DLLA 148 P 915					
ALLA 149 P 786-J	DLLA 149 P 786	095000-0761		093400-7860		KOMATSU (6156-11- 330)
ALLA 150 P 835-J	DLLA 150 P 835	095000-5214		093400-8350		ISUZU 6WG1 Engine HITACHI
ALLA 150 P 991-J	DLLA 150 P 991	095000-7172		093400-9910		
ALLA 151 P 771-J	DLLA 151 P 771	095000-0722		093400-7710		ISUZU NISSAN

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ALLA 152 P 798-J	DLLA 152 P 798	095000-5014		093400-7980		ISUZU 4HJ1 Engine NISSAN E13C Engine
ALLA 152 P 865-J	DLLA 152 P 865	095000-5510		093400-8650		HINO (E13C Engine)
ALLA 152 P 929-J	DLLA 152 P 929			093400-9290		
ALLA 152 P 1097-J	DLLA 152P1097					
ALLA 154 P 669-J	DLLA 154 P 669			093400-6690		ISUZU
ALLA 155 P 683-J	DLLA 155 P 683			093400-6830		
ALLA 155 P 767-J	DLLA 155 P 767	095000-0582				
ALLA 155 P 842-J	DLLA 155 P 842	095000-6591 095000-6593		093400-8420		Hino (Motor J08E)
ALLA 155 P 848-J	DLLA 155 P 848	095000-6350 095000-6353		093400-8480		ISUZU
ALLA 155 P 856-J	DLLA 155 P 856	095000-6603		093400-8560		
ALLA 156 P 799-J	DLLA 156 P 799	095000-5004				ISUZU 6WG1 Engine HITACHI
ALLA 156 P 910-J	DLLA 156 P 910			093400-9100		
ALLA 157 P 855-J	DLLA 157 P 855	095000-5450		093400-8550		
ALLA 157 P 969-J	DLLA 157 P 969	095000-8621				
ALLA 158 P 834-J	DLLA 158 P 834	095000-5226		093400-8340		Hino (Motor P13C)
ALLA 158 P 844-J	DLLA 158 P 844	095000-5342				HINO

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ALLA 158 P 854-J	DLLA 158 P 854	095000-5471 095000-5474		093400-8540		ISUZU 6HK1 ISUZU 4HK1 Sinotruck 230/350/450 Hitachi
ALLA 158 P 909-J	DLLA 158 P 909	095000-5972				
ALLA 158 P 984-J	DLLA 158 P 984	095000-8100		093400-9840		
ALLA 158 P 1092-J	DLLA 158 P 1092	095000-5344				
ALLA 158 P 1096-J	DLLA 158 P 1096	095000-8901		093400-1096		ISUZU VOLVO SERIES 7

### ผู้จัดจำหน่ายประจำภูมิภาค:

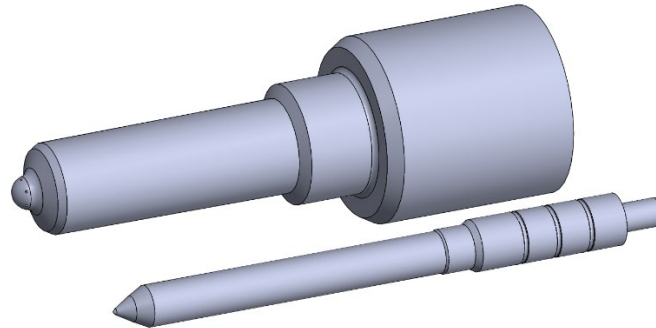
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ALLA 150 P 24-J	DLLA 150 P 24					
ALLA 150 P 59-J	DLLA 150 P 59			093400-5590		
ALLA 150 P 61-J	DLLA 150 P 61					
ALLA 152 P 69-J	DLLA 152 P 69					
ALLA 155 P 16-J	DLLA 155 P 16			093400-5160	TOYOTA 23620-56010	
ALLA 155 P 84-J	DLLA 155 P 84					
ALLA 160 P 3-J	DLLA 160 P 3			093400-5030		
ALLA 160 P 50-J	DLLA 160 P 50			093400-5500		

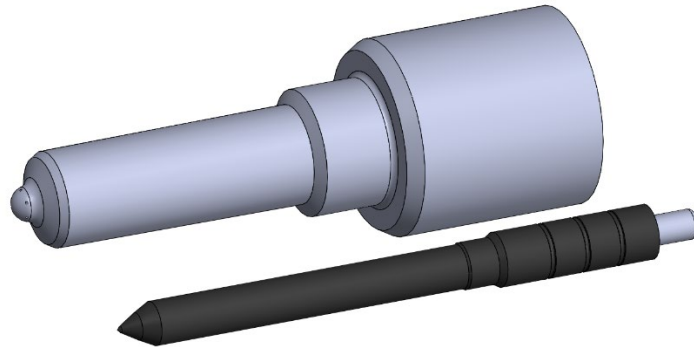
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ALLA 125 P 889-J	DLLA 125 P 889	095000-6480		093400-8890	John Deere RE529149	John Deere Engine 8530/3520/3530
ALLA 127 P 944-J	DLLA 127 P 944	095000-631X		093400-9440		John Deere application 6830 SE
ALLA 127 P 945-J	DLLA 127 P 945	095000-632X		093400-9450		John Deere 4045T, 6068T, S350
ALLA 127 P 1098-J	DLLA 127 P 1098					
ALLA 129 P 890-J	DLLA 129 P 890	095000-6470		093400-8900		John Deere application
ALLA 129 P 983-J	DLLA 129 P 983	095000-688X		093400-9830		John Deere application
ALLA 133 P 814-J	DLLA 133 P 814	095000-505#		093400-8140	John Deere RE 507860	John Deere Series 9970
ALLA 133 P 888-J	DLLA 133 P 888	095000-6460		093400-8880		John Deere Skidder 8.1 L
ALLA 139 P 851-J	DLLA 139 P 851	095000-5480		093400-8510		John Deere 4045H Series 6820

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ALLA 139 P 887-J	DLLA 139 P 887	095000-6490		093400-8870	John Deere RE 529118	John Deere D 7430 Engine 6068HL482
ALLA 139 P 925-J	DLLA 139 P 925	095000-6500		093400-9250	John Deere RE529414 John Deere RE529117	John Deere Series 30 John Deere 6501
ALLA 145 P 864-J	DLLA 145 P 864	095000-5930	DCRI107760	093400-8640	TOYOTA 23670-09060 TOYOTA 23670-09061 TOYOTA 23670-09360 TOYOTA 23670-0L010 TOYOTA 23670-0L070 TOYOTA 23670-30240 TOYOTA 23670-30300 TOYOTA 23670-39235 TOYOTA 23670-39275 TOYOTA 23670-39276	TOYOTA VIGO TOYOTA HILUX 2.5 2KD TOYOTA HIACE
ALLA 145 P 870-J	DLLA 145 P 870	095000-5600	DCRI105600	093400-8700	MITSUBISHI 1465A041	MITSUBISHI L 200 MITSUBISHI TRITON MITSUBISHI PAJERO
ALLA 145 P 875-J	DLLA 145 P 875	095000-8750		093400-8750		MITSUBISHI PAJERO MITSUBISHI TRITON L200
ALLA 145 P 1024-J	DLLA 145 P 1024	095000-5931		093400-0240 093400-1024		TOYOTA HILUX 2.5 D-4D
ALLA 145 P 1031-J	DLLA 145 P 1031	095000-7500	DCRI107500		MITSUBISHI 1465A279	MITSUBISHI PAJERO
ALLA 145 P 1049-J	DLLA 145 P 1049					
ALLA 145 P 1091-J	DLLA 145 P 1091					

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ALLA 147 P 747-J	DLLA 147 P 747	095000-0570	DCRI100570	093400-7470	TOYOTA 23670-27010 TOYOTA 23670-27030 TOYOTA 23670-29015 TOYOTA 23670-29035 TOYOTA 23670-29036	TOYOTA AVENSIS TOYOTA RAV 4 TOYOTA PREVIA
ALLA 147 P 962-J	DLLA 147 P 962	095000-7011		093400-9620		
ALLA 148 P 763-J	DLLA 148 P 763	095000-0540				John Deere 8.1
ALLA 148 P 764-J	DLLA 148 P 764	095000-0551			John Deere RE501010	
ALLA 148 P 765-J	DLLA 148 P 765	095000-0510	DCRI100510	093400-7650	NISSAN 16600-8H800	NISSANX-TRIAL 2.2
ALLA 148 P 800-J	DLLA 148 P 800			093400-8000		NISSAN PRIMERA
ALLA 148 P 816-J	DLLA 148 P 816					NISSAN XTRAIL
ALLA 148 P 817-J	DLLA 148 P 817	095000-5084		093400-8170		OPEL ASTRA 1.7 CDTI
ALLA 148 P 826-J	DLLA 148 P 826	095000-5190				John Deere Series 8220
ALLA 148 P 872-J	DLLA 148 P 872	095000-5650	DCRI105650		NISSAN 16600-EB300 NISSAN 16600-EB30E	NISSAN NAVARA NISSAN PATHFINDER NISSAN PICK UP

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ALLA 148 P 924-J	DLLA 148 P 924	095000-6130	DCRI106130		ISUZU 8-97376270-0 ISUZU 8-97376270-1 ISUZU 8-97376270-2 ISUZU 8-97376270-3 ISUZU 8-97376270-4 ISUZU 8-97376270-5 ISUZU 8-97376270-6 ISUZU 8-97376270-7 ISUZU 8-97376270-8 ISUZU 8-97376270-9 OPEL 5821102 VAUXHALL 97376270	OPEL ASTRA OPEL CORSA OPEL MERIVA OPEL ZAFIRA VAUXHALL ASTRA VAUXHALL CORSA VAUXHALL MERIVA VAUXHALL ZAFIRA
ALLA 148 P 932-J	DLLA 148 P 932	095000-6240 095000-624002D	DCRI106240	093400-8720	NISSAN 16600-MB40A NISSAN 16600-MB40E NISSAN 16600-VM00D	NISSAN CABSTAR NISSAN CV CABSTAR NISSAN FRONTIER
ALLA 149 P 1036-J	DLLA 149 P 1036	095000-7560				John Deere 3510
ALLA 150 P 815-J	DLLA 150 P 815	095000-7580	DCRI107580	093400-8150	TOYOTA 23670-09030 TOYOTA 23670-09031 TOYOTA 23670-09220 TOYOTA 23670-09250 TOYOTA 23670-0G010 TOYOTA 23670-0G020 TOYOTA 23670-0G030 TOYOTA 23670-0G040	TOYOTA AVENSIS TOYOTA VERSO 2.0
ALLA 150 P 866-J	DLLA 150 P 866					
ALLA 150 P 914-J	DLLA 150 P 914					
ALLA 150 P 927-J	DLLA 150 P 927	095000-6222 095000-5940				
ALLA 150 P 966-J	DLLA 150 P 966					
ALLA 150 P 1052-J	DLLA 150 P 1052					
ALLA 150 P 1059-J	DLLA 150 P 1059					HYUNDAI mighty county

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ALLA 150 P 1113-J	DLLA 150 P 1113	095000-9690				
ALLA 152 P 805-J	DLLA 152 P 805	095000-5030	DCRI107850	093400-8050	MAZDA RF5C 13 H50 MAZDA RF5C 13 H50A MAZDA RF5C 13 H50B MAZDA RF5C 13 H50C MAZDA RFY0 13 H50 MAZDA RFY0 13 H50A MAZDA RFY0 13 H50B	MAZDA 5/6 2.0 MAZDA MPV II
ALLA 152 P 862-J	DLLA 152 P 862	095000-6100	DCRI106980	093400-8620	ISUZU 095000-6983 ISUZU 8-98011604-0 ISUZU 8-98011604-1 ISUZU 8-98011604-2 ISUZU 8-98011604-3 ISUZU 8-98011604-4 ISUZU 8-98011604-5 ISUZU 8-98011604-6 ISUZU 8-98011604-7 ISUZU 8-98011604-8 ISUZU 8-98011604-9 ISUZU 8-98055862-3	ISUZU DMAX / KB
ALLA 152 P 879-J	DLLA 152 P 879					
ALLA 152 P 947-J	DLLA 152 P 947	095000-6250 095000-625002D	DCRI106250		NISSAN 16600-EB700 NISSAN 16600-EB70D NISSAN 16600-EC00A NISSAN 16600-EC00C NISSAN 16600-EC00E	NISSAN NAVARA NISSAN NAVARA NISSAN NP300 NISSAN PATHFINDER NISSAN PICK UP
ALLA 152 P 980-J	DLLA 152 P 980	095000-6980	DCRI106980	093400-9800	ISUZU 095000-6983 ISUZU 8-98011604-0 ISUZU 8-98011604-1 ISUZU 8-98011604-2 ISUZU 8-98011604-3 ISUZU 8-98011604-4 ISUZU 8-98011604-5 ISUZU 8-98011604-6 ISUZU 8-98011604-7 ISUZU 8-98011604-8 ISUZU 8-98011604-9 ISUZU 8-98055862-3	ISUZU D-MAX I ISUZU KB ISUZU ELF 300

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ALLA 152 P 981-J	DLLA 152 P 981					
ALLA 152 P 989-J	DLLA 152 P 989			093400-9890		
ALLA 152 P 1072-J	DLLA 152 P 1072	095000-8340			ISUZU P/N 8-98106693-2	
ALLA 153 P 884-J	DLLA 153 P 884	095000-5800	DCRI105800	093400-8840	CITROEN/PEUGEOT 1980.J7 FIAT 71724128 FIAT 71794621 FORD 1372379 FORD 1378432 FORD 1812618 FORD 6C1Q-9K546-AB FORD 6C1Q-9K546-AC FORD RM6C1Q-9K546-AC	CITROËN JUMPER FIAT DUCATO FORD TRANSIT FORD TRANSIT 2.2 TOURNEO PEUGEOT BOXER
ALLA 153 P 885-J	DLLA 153 P 885	095000-7060	DCRI107060		FORD 1495919 FORD 1545621 FORD 6C1Q-9K546-BB FORD 6C1Q-9K546-BC FORD RM6C1Q-9K546-BC LAND ROVER LR006803 LAND ROVER LR010137	FORD TRANSIT FORD TRANSIT TOURNEO LAND ROVER DEFENDER
ALLA 153 P 958-J	DLLA 153 P 958					
ALLA 154 P 881-J	DLLA 154 P 881	095000-6290				
ALLA 155 P 750-J	DLLA 155 P 750					
ALLA 155 P 753-J	DLLA 155 P 753	095000-0750	DCRI100750	093400-7530	TOYOTA 23670-30020 TOYOTA 23670-39025 TOYOTA 23670-39026	TOYOTA LAND CRUISER
ALLA 155 P 818-J	DLLA 155 P 818					
ALLA 155 P 840-J	DLLA 155 P 840			093400-8400		

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 Website: [www.premo.com.sg](http://www.premo.com.sg)



รหัส FIRAD code	DENSO® ตราประทับ	DENSO® รหัสหัวฉีด	DENSO® รหัสหัวฉีดใหม่	DENSO® เลขประจำตัว	OE code รหัสผู้ผลิตต้นกำเนิด	Vehicle/ Engine ยี่ห้อ/รหัสเครื่องยนต์
ALLA 155 P 863-J	DLLA 155 P 863	095000-5921		093400-8630		TOYOTA HILUX 3.0
ALLA 155 P 876-J	DLLA 155 P 876	095000-6040	DCRI107640		TOYOTA 23670-09140 TOYOTA 23670-09210 TOYOTA 23670-09290 TOYOTA 23670-0R020 TOYOTA 23670-0R070 TOYOTA 23670-0R120 TOYOTA 23670-0R170	TOYOTA COROLLA Verso TOYOTA RAV 4 III
ALLA 155 P 880-J	DLLA 155 P 880	095000-7030	DCRI107780	093400-9700	TOYOTA 23670-09070 TOYOTA 23670-09330 TOYOTA 23670-0L020 TOYOTA 23670-0L050 TOYOTA 23670-30140 TOYOTA 23670-30280 TOYOTA 23670-39185 TOYOTA 23670-39186 TOYOTA 23670-39215 TOYOTA 23670-39216 TOYOTA 23670-39316	TOYOTA HILUX III TOYOTA LAND CRUISER TOYOTA PRADO
ALLA 155 P 941-J	DLLA 155 P 941	095000-6511				
ALLA 155 P 960-J	DLLA 155 P 960				TOYOTA 23670-0R050	
ALLA 155 P 965-J	DLLA 155 P 965	095000-6700		093400-9650		Sinotruck Howo
ALLA 155 P 970-J	DLLA 155 P 970	095000-7530		093400-9700		
ALLA 155 P 971-J	DLLA 155 P 971	095000-8061 095000-7180		093400-9710		
ALLA 155 P 985-J	DLLA 155 P 985	095000-5890	DCRI107730		TOYOTA 23670-30080 TOYOTA 23670-30180 TOYOTA 23670-30210 TOYOTA 23670-30320 TOYOTA 23670-39135 TOYOTA 23670-39136 TOYOTA 23670-39155 TOYOTA 23670-39156 TOYOTA 23670-39295 TOYOTA 23670-39296	TOYOTA LAND CRUISER TOYOTA PRADO

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 Website: [www.premo.com.sg](http://www.premo.com.sg)

รหัส FIRAD code	DENSO® ตราประทับ	DENSO® รหัสหัวฉีด	DENSO® รหัสหัวฉีดใหม่	DENSO® เลขประจำตัว	OE code รหัสผู้ผลิตต้นกำเนิด	Vehicle/ Engine ยี่ห้อ/รหัสเครื่องยนต์
ALLA 155 P 1025-J	DLLA 155 P 1025	095000-7781				
ALLA 155 P 1030-J	DLLA 155 P 1030					
ALLA 155 P 1044-J	DLLA 155 P 1044	095000-6520				
ALLA 155 P 1062-J	DLLA 155 P 1062	095000-8290	DCRI107780	193400-0620	TOYOTA 23670-09070 TOYOTA 23670-09330 TOYOTA 23670-0L020 TOYOTA 23670-0L050 TOYOTA 23670-30140 TOYOTA 23670-30280 TOYOTA 23670-39185 TOYOTA 23670-39186 TOYOTA 23670-39215 TOYOTA 23670-39216 TOYOTA 23670-39316	TOYOTA HILUX TOYOTA LAND CRUISER TOYOTA PRADO
ALLA 155 P 1090-J	DLLA 155 P 1090			093400-1090		HOWO SINOTRUCK

ผู้จัดจำหน่ายประจำภูมิภาค:

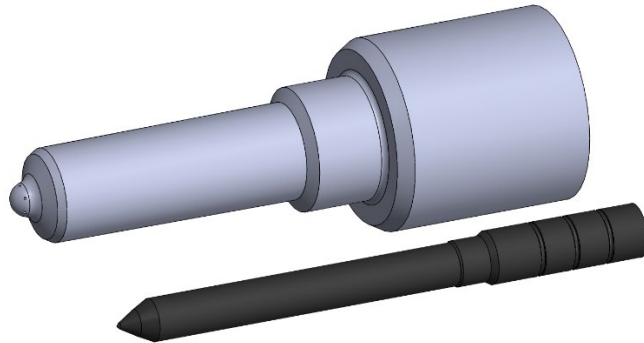
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<b>ALLA 146 P 768-J</b>	DLLA 146 P 768	093400-7680			
<b>ALLA 155 P 939-J</b>	DLLA 155 P 939	095000-7670	DCRI107670	TOYOTA 23670-09180 TOYOTA 23670-09240 TOYOTA 23670-09280 TOYOTA 23670-0R030 TOYOTA 23670-0R140 TOYOTA 23670-0R190	TOYOTA AURIS TOYOTA AVENSIS TOYOTA COROLLA TOYOTA VERSO

**ผู้จัดจำหน่ายประจำภูมิภาค:**

**Regional Distributor**

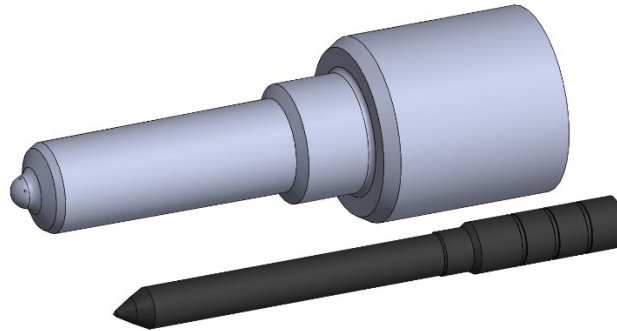
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## Denso nozzle 3<sup>rd</sup> Generation (Needle Ø 3,50 mm)



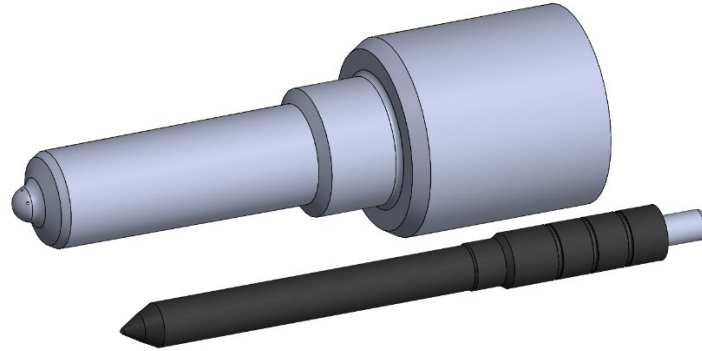
รหัส FIRAD code	DENSO® ตราประทับ	DENSO® Injector Code	DENSO® รหัสหัวฉีด นม	DENSO® P/N	OE code	Vehicle/ Engine ยี่ห้อ/รหัสเครื่องยนต์
ALLA 146 G3S53	G3S53	529 6723 05T 14070 CRN5274954				
ALLA 146 G3S112	G3S112	5344766 2200 07S00263				
ALLA 152 G3S37	G3S37					
ALLA 152 G3S56	G3S56	5284016 G3AM 12Q00065				
ALLA 152 G3S92	G3S92					
ALLA 153 G3S120	G3S120	5365904 G3AM 06T03586				
ALLA 153 G3S127	G3S127	5367913 G3AM 07T02467				
ALLA 154 G3S47	G3S47					ISUZU MAX 2.5

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รหัส FIRAD code	DENSO <sup>®</sup> Stampi ng	DENSO <sup>®</sup> Injector Code	DENSO <sup>®</sup> New injector code	DENSO <sup>®</sup> P/N	OE code	Vehicle/ Engine
ALLA 144 G3S32	G3S32	295050-0560	DCRI300560		mitsubishi 1465A351	MITSUBISHI PAJERO Classic MITSUBISHI PAJERO IV
ALLA 144 G3S33	G3S33	295050-0810	DCRI300810		TOYOTA 23670-09380 TOYOTA 23670-OL110	TOYOTA HILUX 2.5 2KD
ALLA 145 G3S45	G3S45					
ALLA 145 G3S50	G3S50					
ALLA 148 G3S77	G3S77					
ALLA 151 G3S10	G3S10	295050-0300	DCRI300300		NISSAN 16600-1A0A NISSAN 16600-5X00A	NISSAN MURANO NISSAN NAVARA NISSAN NAVARA NISSAN NP300 NISSAN PATHFINDER NISSAN PICK UP
ALLA 152 G3S7	G3S7					
ALLA 152 G3S51	G3S51	166005X30A				NISSAN FRONTIER Sel 2.5

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ALLA 152 G3S82	G3S82	D720112010 E1EC011610 01T01693				
ALLA 153 G3S48	G3S48					
ALLA 153 G3S41	G3S41					
ALLA 154 G3S6	G3S6	295050-0460 095050-052X	DCRI30046 0		TOYOTA 23670-30400 TOYOTA 23670-39365	TOYOTA HILUX 3.0 4WD TOYOTA LAND CRUISER TOYOTA PRADO

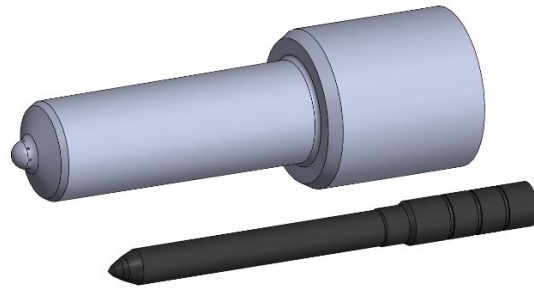
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FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
ALLA 146 G3S11	G3S11					
ALLA 151 G3S79	G3S79	1590 04S 01012				
ALLA 151 G3S93	G3S93					
ALLA 154 G3S99	G3S99					
ALLA 158 G3S91	G3S91	15208630 11T01106 8982438630				

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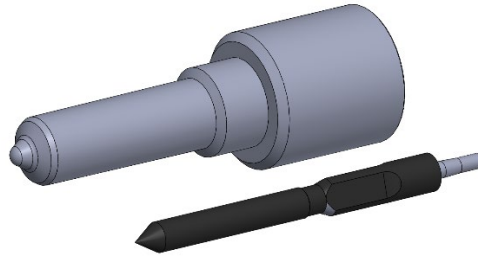
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Website: [www.premo.com.sg](http://www.premo.com.sg)



## Denso Piezoelectric Nozzle 2<sup>nd</sup> Generation

เดนโซ, Nozzle ของหัวฉีด Piezoelectric ยุคที่ 2



รหัส FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
ALLA 156 G2P3	G2P3	295900-0110	DCRI200110		TOYOTA 23670-0R040 TOYOTA 23670-0R041 TOYOTA 23670-26011 TOYOTA 23670-26020 TOYOTA 23670-26020-2 TOYOTA 23670-29055 TOYOTA 23670-29105	LEXUS IS II TOYOTA AURIS (E15) TOYOTA AVENSIS TOYOTA AVENSIS TOYOTA COROLLA TOYOTA RAV 4 III TOYOTA RAV 4 IV TOYOTA VERSO

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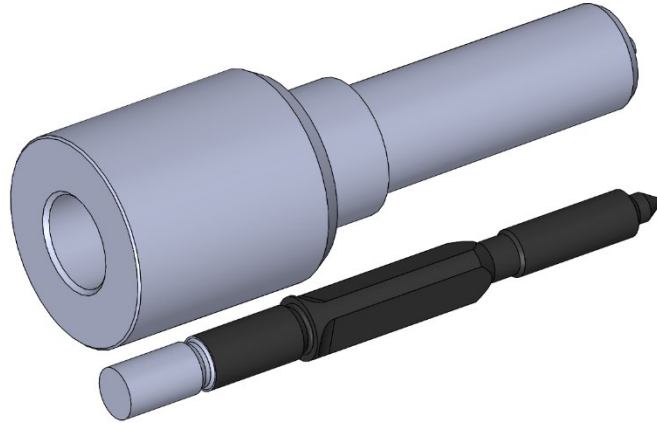
Website: [www.premo.com.sg](http://www.premo.com.sg)





## Denso Piezoelectric Nozzle 3<sup>rd</sup> Generation

เดนโซ, **Nozzle** ของหัวฉีด **Piezoelectric** ยุคที่ **3**



รหัส FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
ALLA 152 G3P012	G3P012				TOYOTA 23670-30270	
ALLA 152 G3P004	G3P004					
ALLA 152 G3P016	G3P016	295900-0420	DCRI200420		LEXUS 23670-26061 LEXUS 23670-29125 LEXUS 23670-29126 TOYOTA 23670-0R090 TOYOTA 23670-0R091 TOYOTA 23670-26060	TOYOTA AVENSIS TOYOTA RAV 4 III TOYOTA RAV 4 IV
ALLA 154 G3P005	G3P005					
ALLA 154 G3P017	G3P017	295900-0430	DCRI200430		TOYOTA 23670-0R100 TOYOTA 23670-0R101 TOYOTA 23670-26070 TOYOTA 23670-26071 TOYOTA 23670-29115 TOYOTA 23670-29116	TOYOTA AURIS TOYOTA AVENSIS TOYOTA COROLLA TOYOTA VERSO
ALLA 155 G3P020	G3P020	295900-0480			TOYOTA 23670-51060	TOYOTA LANDCRUISER

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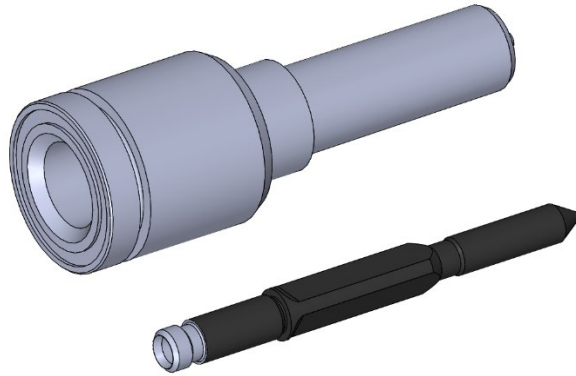
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Website: [www.premo.com.sg](http://www.premo.com.sg)



## Denso nozzle 4<sup>th</sup> Generation

เดนโซ, **Nozzle** ของหัวฉีด ยุคที่ 4



รหัส FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
ALLA 150 G4S011	G4S011	295700-0140			HYUNDAI 33800-4A900	
ALLA 155 G4S009	G4S009	295700-0550			TOYOTA 23670-0E010	TOYOTA Hilux Revo 2.8L
ALLA 155 G4S023	G4S023				GM 12678992	

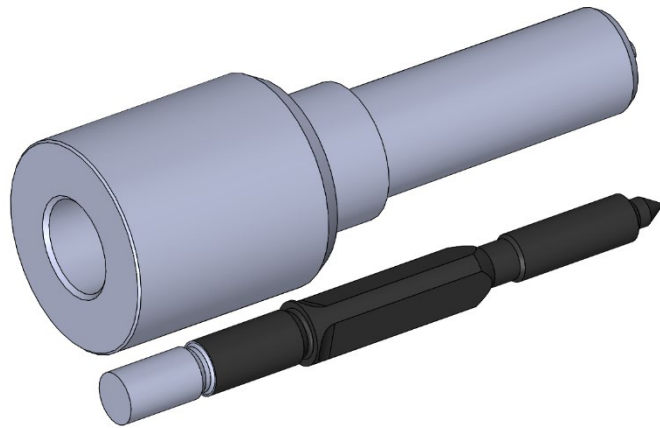
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Website: [www.premo.com.sg](http://www.premo.com.sg)





รหัส FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
ALLA 146 GCF1	GCF1	95000-1020				

### ผู้จัดจำหน่ายประจำภูมิภาค:

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# BOSCH

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## COMMON RAIL BOSCH - NOZZLE APPLICATIONS

หัวฉีด **Bosch** สำหรับเครื่องคอมมอนเรล - **Nozzle** ปลายหัวฉีดสำหรับ...

รหัส FIRAD code	APPLICATION ใช้กับยี่ห้อ / รหัสเครื่องยนต์
ALLA118P1357	CUMMINS 3 965 721 – 3 973 060
ALLA118P1358	CUMMINS 3 965 720
ALLA118P2234	CASE 87581565 / CUMMINS 5263305 / KOMATSU 5263305
ASLA124P1309	CUMMINS 3 964 273 – 3 968 158
ASLA124P1659	DODGE RAM 2500 / 3500 (CUMMINS 4 937 700 – 4 940 051)
ALLA126P1776	CUMMINS 4 945 316 / VW 2T2 198 133
ASLA128P1510	CDC 3976372 / CUMMINS 3976372 - 4945969
ASLA 136 P 804	IVECO DAILY – DUCATO 2.8 / RENAULT MASCOTT 2.8
ALLA137P1648	IVECO / CASE/ NEW HOLLAND
ALLA139P2229	IVECO, FIAT 2.3
ASLA 140 P 862+	RENAULT MEGANE / LAGUNA 1.9 DCI
ASLA140P1033/	IVECO DAILY 29L10-L12 / 35C10-C12-35S10-S12 // RENAULT MASTER
ASLA 140 P1061+	VOLVO 8627319
ASLA140P1142	RENAULT ESPACE IV 1.9 DCI / LAGUNAII 1.9 DCI / MASTER 1.9 DCI / MEGANE 1.9 DCI / SCENIC 1.9 DCI
ASLA140P1723	CUMMINS 4937065 / DCEC 4937065
ALLA140P1790	AMUR/GAZ/MAZ/PAZ (0 445 120 141)
ASLA 142 P 795	CITROEN XANTIA 2.0 HDI (X2) CITROEN XANTIA 2.0 HDI BREAK (X2) PEUGEOT 206 2.0 HDI PEUGEOT 406 2.0 D TURBO PEUGEOT 406 2.0 D TURBO BREAK PEUGEOT 406 HDI

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<b>ASLA 142 P 988+</b>	FIAT ULISSE 2.0 JTD (Motore Peugeot)
<b>ALLA142P1321+</b>	OPEL ASTRA / VECTRA / SIGNUM / ZAFIRA 1.9 CDTI
<b>ASLA142P1474</b>	FIAT ULYSSE 2.0 JTD FIAT DUCATO (Motore Peugeot)
<b>ALLA142P1595</b>	DUCATO /DAILY / UAZ PATRIOT – MOTORI 2.3
<b>ALLA142P1607</b>	ALFA 147 1.9 JTDM / OPEL ASTRA-ZAFIRA-SIGNUM-VECTRA 1.9 CDTI
<b>ALLA142P1709</b>	DONGFEN – CUMINS ENGINE
<b>ALLA142P2262</b>	CUMMINS C5268408
<b>ASLA 143 P970</b>	IVECO 100 E 17 IVECO 65 E 13 / E 15 IVECO 75 E / E 15 / E 17 IVECO 80 E 15 / E 17 IVECO 90 E 17 CUMMINS 4 897 271 CUMMINS 4 897 040 CUMMINS 2 830 244 CUMMINS 2 830 224 CUMMINS 2 830 957 E.E.A. 4897114 E.E.A. 4896444
<b>ASLA143P1058</b>	CUMMINS 4 640 589
<b>ALLA143P1069/</b>	RENAULT – 82000 84534/ 936736/043626
<b>ALLA143P1404</b>	VWV 13.180-15.180-17.210/260-26.260-31.260-8.150-9.150
<b>ALLA143P1448</b>	RENAULT (INJ. 0 445 110 230) LAGUNA – MEGANE – SCENIC 1.9 / 82 00 273 0891 / 82 00 389 369 / SUZUKI 15310 67JGO 000
<b>ASLA143P1523</b>	DFL1 – CUMMINS
<b>ALLA143P1532</b>	CITROEN C2-C3 1.4 HDI / PEUGEOT 206-207 1.4 HDI
<b>ALLA143P1536</b>	IVECO 170/240/260 - IVECO EUROGARGO 100/110/120/130/140/150/160/180 – 65/75/80/90 – IVECO VERTIS 130V18 / 90V16
<b>ALLA143P1541</b>	CUMMINS 3999832 –4940096 - 3970987
<b>ALLA143P1619</b>	MWM-DIESEL 9 6120 46 4 0034 / VW 2T2 130 201 – COSTELLATION 13.180, 15.180, 26.260, 31.260

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<b>ASLA143P5519</b>	CUMMINS 5 263 318
<b>ASLA144P890/</b>	CITROEN 2.2 HDI / PEUGEOT 2.2 HDI / FIAT 2.2 HDI / LANCIA PHEDRA 2.2 HDI
<b>ASLA144P971+</b>	CITROEN 2.0 HDI / PEUGEOT 2.0 HDI
<b>ASLA 144 P 973+</b>	FIAT PUNTO JTD
<b>ASLA 144 P 1021</b>	JTD – FIAT,LANCIA, ALFA ROMEO
<b>ASLA 144 P 1295</b>	ALFA 147 / 156 / 166 (1.9 – 2.4 JTD )
<b>ALLA144P1539</b>	CUM136 - KAMAZ
<b>ALLA144P1707</b>	CUMMINS 4942359 / DCEC 4942359
<b>ALLA144P2273</b>	CUMMINS ISLe
<b>ASLA 145 P 763+</b>	ALFA ROMEO 145 1.9 JTD ALFA ROMEO 146 1.9 JTD ALFA ROMEO 156 1.9 JTD ALFA ROMEO 156 2.4 JTD ALFA ROMEO 166 2.4 JTD FIAT BRAVA 1.9 JTD FIAT BRAVO 1.9 JTD FIAT MAREA 1.9 JTD FIAT MAREA 2.4 JTD FIAT MULTIPLA 1.9 JTD LANCIA KAPPA / LYBRA 2.4 JTD
<b>ASLA145P864+</b>	BMW 530D – 730 D (Mot. / Eng.. E39)
<b>ASLA145P868+</b>	BMW 13 53 2 248 880 BMW 13 53 2 354 045
<b>ASLA145P896+</b>	RENAULT ESPACE 2.2 DCI - 8200010074
<b>ALLA 145 P 926 ALLA145P926+</b>	BMW330D – 330XD – 330D TOURING / BMW530D – 530D TOURING – 730D / X53,0D
<b>ALLA145P927+</b>	BMW525D – 525D TOURING / 13 53 7 785 574 – 13 53 7 785 985

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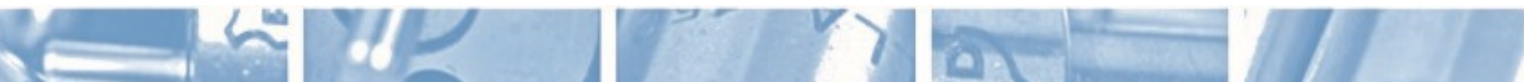
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<b>ALLA145P928+</b>	BMW 13 53 7 785 983
<b>ALLA145P978</b>	CHRYSLER 05066820AA / VMI 15062036F
<b>ASLA 145 P 979</b>	RENAULT 82 00 010 075
<b>ALLA145P999</b>	RENAULT KERAX / PREMIUM
<b>ASLA145P1091</b>	RENAULT (INJ. 0 445 110 087)
<b>ASLA145P1115+</b>	RENAULT (INJ. 0 445 110 102) 77 01 473 630 / 82 00 112 289 / 82 00 549 058 / 82 00 936 740 / OPEL 93190330
<b>ALLA145P1223</b>	LAND ROVER FREELANDER 20 DT4 - BMW 13 53 7 789 573
<b>ALLA145P1794/</b>	IVECO STRALIS 450 S33T / 460 S36T / 500 S33T / 530 S36T
<b>ALLA145P1804</b>	MWM DIESEL 9612046 4 0054
<b>ALLA145P2144</b>	CUMMINS
<b>ALLA145P2245</b>	IVECO 80530150 – FIAT 8053015
<b>ASLA146P1055/</b>	CITROEN – PEUGEOT 96 414 961 / 1980 89 / 96 386 523
<b>ALLA146P1296</b>	OPEL 93190346 / 4417364 / 9109795 - RENAULT 82 00 549 063
<b>ALLA146P1405/</b>	PEUGEOT 206.307 1.4 HDI CITROEN XSARA 1.4 HDI
<b>ALLA146P1406/</b>	RENAULT MASTER 2.5 (VARI)
<b>ALLA146P1545</b>	CUMMINS 3 999 834
<b>ALLA146P1581</b>	KHD 0429 0987
<b>ALLA147P788</b>	TOYOTA SR
<b>ALLA148P1067</b>	VWW LT20-35-46 / E DELIVERY 5.140 – 8.150 / EOD 5.140 CHEVROLET BLAZER / S10

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	NISSAN FRONTIER 2.8 / TERRA 2.8 DIESEL
<b>ALLA148P1238</b>	OPEL ASTRA 1.7 CDTI
<b>ALLA148P1312</b>	NISSAN 16600DB000 -1660DB002 / RVI 7701061083 - RVI 7485001660
<b>ALLA148P1313</b>	NISSAN 16600DC000 / RVI 7701058110 - RVI 7701061090
<b>ALLA148P1334</b>	ISUZU (8 97363 812-0-2-3)
<b>ALLA148P1347</b>	OPEL ASTRA / VECTRA / ZAFIRA 1.9 CDTI
<b>ALLA148P1407</b>	ALFA /LANCIA 2.4 JTD
<b>ALLA148P1717</b>	NISSAN – 16600VZ220A
<b>ALLA149P1471/</b>	CITROEN C3 / C4 / XSARA / BERLINGO 1.6 HDI - FORD FOCUS / FUSION 1.6 TDCI - PEUGEOT 307 / PARTNER 1.6 HDI
<b>ALLA149P1515/</b>	MOTORI/ENGINES 1.6D - PEUGEOT / CITROEN / VOLVO
<b>ALLA149P2216</b>	HYUNDAI i40 D
<b>ALLA150P1011/</b>	HYUNDAI ACCENT II, MATRIX 1.5 CRDI, SANTA FE, TRAJET 2.0 CRDI
<b>ALLA150P1054</b>	CUMMINS
<b>ASLA150P1072</b>	TOYOTA 23670 0N010 / TOYOTA 23670 0N020 / TOYOTA 23670 33010B / TOYOTA 23670 33030
<b>ALLA150P1076</b>	RENAULT PREMIUM
<b>ALLA150P1197\</b>	HYUNDAI 3380027900 – 3380027000/ TUCSON / KIA 285
<b>ALLA150P1224</b>	PUNTO MULTIJET (INJ. 0445110083)
<b>ALLA150P1373</b>	MOTORI/ENGINES 1.6 D – CITROEN / PEUGEOT / VOLVO / FORD
<b>ALLA150P1437</b>	DOBLO / GRANDE PUNTO / IDEA / PANDA 1.3 JTD

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<b>ALLA150P1511</b>	HYUNDAI SONATA V 2.0 CDRI
<b>ALLA150P1512</b>	HYUNDAI SANTAFE' D4EB86
<b>ALLA150P1557</b>	NISSAN INTERSTARS 2.5 / OPEL MOVAN 2.5 / RENAULT MASTER- TRAFIC 2.5 TDI
<b>ALLA150P1606</b>	CHEVROLET / OPEL – MOTORI 2.0 CDRI
<b>ALLA150P1622</b>	FAW / GOLDEN DRAGON
<b>ALLA150P1734</b>	FIAT – 55214192 - 55209803 / YPSILON 1.3 MULTIJET
<b>ALLA150P1768</b>	WEICHAH
<b>ALLA150P2147</b>	RENAULT MASTER 2.3 / OPEL MOVANO 2.3 CDTI
<b>ALLA152P1819</b>	WEICHAH
<b>ASLA153P1242++</b>	MERCEDES BENZ 646 070 0287 – MERCEDES BENZ A646 070 0287
<b>ALLA153P1246++</b>	MERCEDES BENZ 646 070 0187 – MERCEDES BENZ A646 070 0187
<b>ALLA153P1270+</b>	MERCEDES SERIE E200/220/270/320 - S 320
<b>ALLA153P1378</b>	MERCEDES BANZ A160/180/200 CDI - B180/200 CDI / 640 078 04 23
<b>ALLA153P1494</b>	MERCEDES BENZ C200/220 CDI COUPE / CLC/CLD 220 CDI / 646 078 05 87
<b>ALLA153P1608</b>	HYUNDAI / KIA
<b>ALLA153P1721</b>	0.433.172.056 (0445 120 310)
<b>ASLA 154 P 1034</b>	MERCEDES CDI VARIE CC. / SPRINTER VARIE CC.
<b>ASLA154P1320</b>	316CDI SPRINTER / MERCEDES VITO ( 108 – 110 – 112 CDI ) MERCEDES V 200 CDI / MERCEDES V 220 CDI MERCEDES V 220 CDI
<b>ALLA155P1493</b>	MAZDA 2.5 DT

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<b>ALLA155P1674</b>	FENIX 1044-1065 / BAW - FAW
<b>ALLA 156 P 889/</b>	MERCEDES 270/320 CDI
<b>ASLA 156 P 736/</b>	MERCEDES 220/270 CDI
<b>ASLA 156 P 737</b>	MERCEDES CLASSE A
<b>ASLA156P1079/+</b>	MERCEDES E 200 CDI / E 220 CDI / E 270 CDI
<b>ALLA 156 P 1107+</b>	MERCEDES VITO ( 108 – 110 – 112 CDI ) MERCEDES E 320 CDI MERCEDES ML 270 CDI MERCEDES S 320 CDI MERCEDES V 200 CDI MERCEDES V 220 CDI MERCEDES CLK270CDI
<b>ALLA156P1111/</b>	MERCEDES 270 CDI
<b>ASLA156P1113+</b>	MERCEDES C 200-220 CDI / E 200-220-270 CDI
<b>ALLA156P1114</b>	HYUNDAI H1 – STAREX (INJ. 0 445 110 091) KIA SORENTO 2.5 CRDI
<b>ASLA 156 P 1155+</b>	MERCEDES CLASSE A
<b>ALLA156P1265+</b>	MERCEDES C30 CDI AMG – C30 CDI AMGT // MB6120700287 – MB6120700787 – MB6120700787
<b>ALLA156P1367</b>	HYUNDAI (338004A300)
<b>ALLA156P1368</b>	HYUNDAI
<b>ASLA156P1472</b>	MERCEDES C200/220/270 CDI - E200/220/270 CDI
<b>ALLA156P1473</b>	MERCEDES – 613 070 09 87 // A 613 070 09 87 – C200/220 CDI – E200/270 CDI
<b>ALLA156P1509</b>	HYUNDAI – 33800 2A 400 – 1.1 - 1.5 -1.6 CRDi // KIA 1.1 – 1.5 – 1.6 CRDi

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<b>ALLA157P1425</b>	mitsubishi ME223750, ME223002,
<b>ASLA158P974+</b>	GM 97208074 – ISUZU 2900009130
<b>ALLA158P1385</b>	ISUZU 897303657C
<b>ALLA158P1500</b>	BOSCH 0 433 171 924
<b>ALLA159P1611/</b>	BOSCH 0 433 171 985
<b>ALLA 160 P 1063+</b>	BMW 320D (VARI) / 330 D (VARI) / 530 D / 730D / 740 D
<b>ALLA160P1308</b>	BMW (7 791 518)
<b>ALLA162P2160</b>	NISSAN NAVARA / PATHFINDER

## UNIT INJECTORS PUMPS - BOSCH NOZZLE APPLICATIONS

ปั๊มหัวฉีด - สำหรับเครื่องยนต์ที่ใช้ **Nozzle** ปลายหัวฉีดของ **Bosch**

รหัส FIRAD CODE	APPLICATION ใช้อุปกรณ์ / รหัสเครื่องยนต์
<b>ASLA 134 P 816</b>	IVECO 500338048
<b>ALLA 140 P 826</b>	IVECO 500339059
<b>ALLA140P947</b>	IVECO
<b>ASLA140P1100</b>	RENAULT MAGNUM / MACK E-TECH A / DAF / KHD
<b>ASLA140P1124</b>	RENAULT / MACK TRUCKS
<b>ALLA140P1551</b>	CASE NEW HOLLAND 504 154 922 / FIAT 504 2871 06 / IVECO 504099014 – 504128354 – 504154922 -504287106

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<b>ALLA143P894/</b>	IVECO 180E24,E27,190224, 190E27,190E31,190E35,260E24,260E27, 260E31,260E35, 340E35, 380E53, 400E35, 410E35, 440E31, 440E35
<b>ALLA144P1170</b>	KHD (INJ. 2112681)
<b>ALLA144P1264+</b>	MERCEDES ATEGO / AXOR / UNIMOG U 5000
<b>ALLA 145 P580/</b>	IVECO CURSOR 8 / BOSCH EQUIP.
<b>ALLA145P1534</b>	IVECO STRALIS
<b>ALLA147P799</b>	SCANIA 140410
<b>ASLA148P1468</b>	VOLKSWAGEN CALIFORNIA 2.5 TDI / TOUAREG 2.5 TDI / TRANSPORTER 2.5 TDI
<b>ALLA 150 P 635</b>	SCANIA 1497364 8075
<b>ASLA 150 P 783</b>	AUDI A2-A4-A6 / 1.4 TDI – 1.9 TDI / SEAT AROSA 1.4 TDI / VW- GOLF - LUPO
<b>ASLA 150 P 800/</b>	AUDI A3-A4 / VW PASSAT – POLO – BORA / SKODA-FABIA1.9 –SUPERB 1.9TDI /
<b>ALLA 150 P 847</b>	SCANIA 0574381 7329
<b>ALLA 150 P848</b>	SCANIA1497386 8075
<b>ALLA 150 P 957</b>	MERCEDES ACTROS (INJ. 0 432 191 437)
<b>ASLA150P1042</b>	AUDI A4 / A6 / SKODA SUPERB / VW PASSAT– 1,9TDI
<b>ASLA 150 P 1043</b>	AUDI A3 / SEAT LEON /TOLEDO / VW BORA / PASSAT /GOLF 1,9 TDI
<b>ASLA150P1045</b>	VW 038130073R
<b>ALLA150P1120+</b>	MERCEDES ACTROS – 006 017 47 21, 005 017 39 21
<b>ASLA150P1156</b>	VW CALIFORNIA T5 2.5 TD - CARAVELLE T5 2.5 TDI - MULTIVANT5 2.5 TDI - TOUAREG 2.5 – 5.0 TDI - TRANSPORTER T5 2.5 T
<b>ALLA150P1163+</b>	MERCEDES ACTROS – 006 017 50 21, 005 017 45 21
<b>ALLA150P1164+</b>	MERCEDES AXOR

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<b>ALLA150P1239</b>	SCANIA 1483 788
<b>ASLA150P1247</b>	AUDI / SKODA / SEAT / VW 1,9 TDI (Mot. AXR)
<b>ASLA150P1248</b>	AUDI A2 1.4 TDI - AUDI 4 1.9 TDI - AUDI A6 1.9 TDI
<b>ASLA150P1586</b>	VOLKSWAGEN CALIFORNIA 2.5 TDI / TRANSPORTER 2.5 TDI / CARAVELLE 2.5 TDI / MULTIVAN 2.5 TDI
<b>ASLA152P1287++</b>	VW 03G130073
<b>ALLA 154 P 596/</b>	MERCEDES ACTROS
<b>ALL 155 P 15221 = 789</b>	HATZ 50468000
<b>ALLA 155 P 572/</b>	VOLVO FH12 / BOSCH EQUIP.
<b>ALLA 155 P 765</b>	VOLVO FH 12 / EURO I-II (BOSCH - MARK2 PUMP)
<b>ALLA 155 P 872</b>	VOLVO FH12 EURO II / BOSCH EQUIP.
<b>ALLA 156 P 819+</b>	MERCEDES ACTROS
<b>ALLA 156 P 850+</b>	MERCEDES ATEGO
<b>ALLA156P 1059+</b>	MB ATEGO, CITARO - MB004 017 8121, 005 017 77 21
<b>ASLA156P1381</b>	VW 038 130 079 J - 038 130 073 BR
<b>ASLA156P1411</b>	MERCEDES ACTROS / ATEGO - MB028 07469 02
<b>ALLA 160 P 577</b>	MERCEDES ACTROS
<b>ALLA160P1032+</b>	MERCEDES CITARO (VARI -VARIOUS)

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แค็ตตาล็อก “ปั๊ม” / หัวฉีด **Piezoelectric**

ปรับข้อมูลล่าสุด 06/2020

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## OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

เพื่อป้องกันความสับสนโปรดทราบว่า !!

รหัสประจำของผู้ผลิตต้นกำเนิดและเลขประจำตัวชิ้นส่วน

ที่ระบุในเอกสารนี้ใช้เพื่อการอ้างอิงในที่นี้เท่านั้น

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## คำย่อและความหมาย

### ABBREVIATIONS

#### - Holes รู

In this section are reported the information about how many micro holes there are and their diameter, in this following way: <N.microholes> x <Diameter microholes>

ในส่วนนี้หมายถึงข้อมูลที่บอกจำนวนรูที่มีอยู่ในพื้นที่ของปลายหัวฉีดตัวนั้น และขนาดเส้นผ่าศูนย์กลางของรู โดยมีรูปแบบ <เลขจำนวนรู> x (ขนาดเส้นผ่า ศ.ก.)

#### - Angles มุม

In this section are reported the information related to nozzle and micro holes angular position

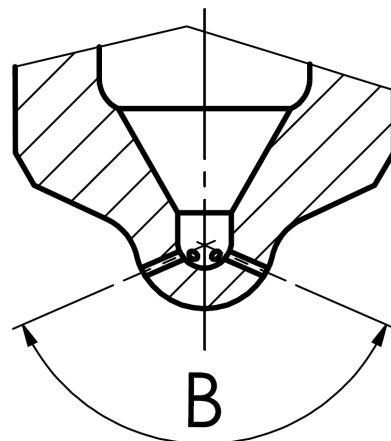
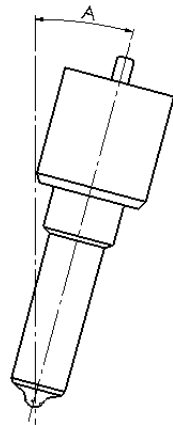
ในส่วนนี้เป็นข้อมูลของมุมเอียง(A)จากแนวตั้งของปลายหัวฉีดและมุมกวาด (B) รูของรูหัวฉีด

Engine

Angle  
Spray

Angle

A B



#### Regional Distributor

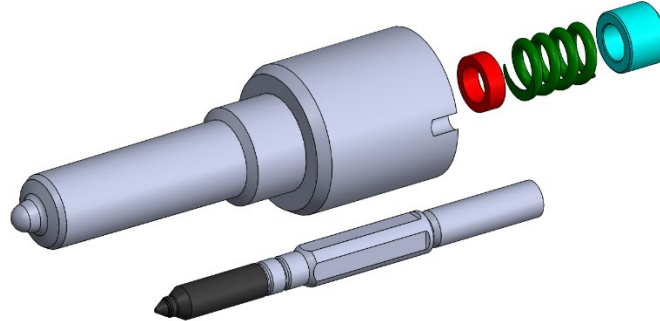
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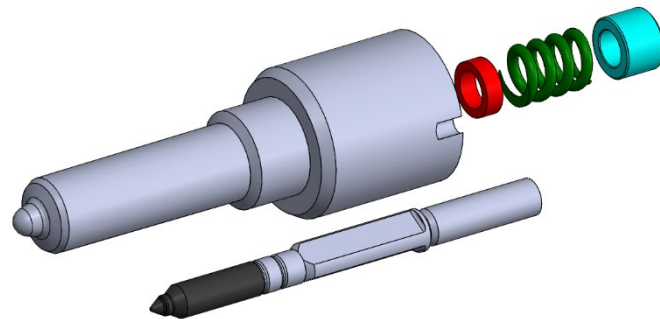
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## Bosch Piezoelectric Nozzle



FIRAD code	BOSCH® Stamping	BOSCH® Injector Code	BOSCH® Inj. Remanufactured Code	OE code	Vehicle/ Engine
PEF 05AW	F00VX30005	0 445 115 037 0 445 115 036		VOLKSWAGEN 059 130 277 AB	VW - Audi 3,0



FIRAD code	BOSCH® Stamping	BOSCH® Injector Code	BOSCH® Inj. Remanufactured Code	OE code	Vehicle/ Engine
PEF 02R	F00VX30002	0 445 115 007	0 986 435 350	OPEL 93161695 OPEL 4431258 RENAULT 82 00 505 056 RENAULT 82 00 804 536 RENAULT 16 60 034 29R RENAULT 77 01 476 567 RENAULT 77 01 477 158 RENAULT 82 00 409 398 RENAULT 82 00 340 068 VAUXHALL 93161695	Renault (Espace- Laguna 2,0 DCi- Koleos)

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FIRAD code	BOSCH® Stamping	BOSCH® Injector Code	BOSCH® Inj. Remanufactured Code	OE code	Vehicle/ Engine
PEF 07	F00VX30007	0 445 115 048 0 445 115 070	0 986 435 354	BMW 13 53 7 801 940 BMW 13 53 7 805 685 BMW 7 792 721 BMW 13 53 7 807 207 BMW 7 785 685 BMW 13 53 7 807 208 BMW 13 53 7 809 193 BMW 13 53 7 792 721	BMW 2.0
PEF 10	F00VX20010	0 445 115 063 0 445 115 064	0 986 435 355	JEEP 68028 405AA CHRYSLER 68028 405AA MERCEDES 642 070 13 87 MERCEDES A 642 070 05 87 MERCEDES 642 070 13 87 80 MERCEDES A 642 070 18 87 MERCEDES A642 070 1387 80 MERCEDES 642 070 18 87 MERCEDES 642 070 05 87 MERCEDES A 642 070 13 87	Mercedes-Jeep-Crysler
PEF 14+	F00VX40014+	0 445 115 028 0 445 115 029	0 986 435 352	VOLKSWAGEN 076 130 277	VW CRAFTER 2,5 TDI
PEF 17	F00VX20017	0 445 115 068 0 445 115 069	0 986 435 356	MERCEDES A 646 070 14 87 MERCEDES 646 070 14 87	Mercedes - Vito - Sprinter
PEF 20	F00VX30020	0 445 115 042 0 445 115 091	0 986 435 362	CITROEN 96 592 291 LAND ROVER LR 001325 PEUGEOT 96 592 291 PEUGEOT PSA 96 592 29180 ROVER LR 0013 25	Citroen Land Rover
PEF 26	F00VX30026	0 445 116 001	0 986 435 363	BMW 13 53 7 797 878 BMW 13 53 7 809 190 BMW 13 53 7 797 877	BMW 120-320-520 X3 2,0d
PEF 29	F00VX40029	0 445 116 034 0 445 116 035	0 445 116 029 0 986 435 369	VOLKSWAGEN 03L 130 277 C	AUDI A3-A4 2.0 TDI / VW GOLF-PASSAT 2.TD1
		0 445 116 029 0 445 116 030	0 986 435 360	AUDI 03L 130 277 SEAT 03L 130 277 SKODA 03L 130 277 VOLKSWAGEN 03L 130 277	
PEF 30	F00VX40030	0 445 116 014 0 445 116 015	0 986 435 357	AUDI 059 130 277 AR VOLKSWAGEN 059 130 277 AR	VW - Tuareg 3.0 / AUDI A4 - A6 2.7 - 3.0 TDI
PEF 31	F00VX40031	0 445 116 010 0 445 116 011	0 986 435 367 0 986 435 368	AUDI 03L 130 277 A VOLKSWAGEN 03L 130 277 A	VW Jetta

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FIRAD code	BOSCH® Stamping	BOSCH® Injector Code	BOSCH® Inj. Remanufactured Code	OE code	Vehicle/ Engine
PEF 38	F00VX50038	0 445 120 104 0 445 120 207	0 986 435 539 0 986 435 540	MERCEDES 472 070 00 87 MERCEDES 472 070 03 87 MERCEDES 472 070 05 87 MERCEDES 472 070 07 87 MERCEDES A 472 070 08 87 MERCEDES A 472 070 00 87 MERCEDES A 472 070 03 87 MERCEDES A 472 070 05 87 MERCEDES A 472 070 07 87 MERCEDES 472 070 08 87	Mercedes
PEF 39	F00VX40039	0 445 117 019 0 445 117 020	0 986 435 412	AUDI 057 130 277 AM PORSCHE 958 110 128 30 VOLKSWAGEN 057 130 277 AM	VW- Audi (Q7 4,2 TDI)
PEF 41	F00VX30041	0 445 116 024			
PEF 42	F00VX40042 (0)	0 445 116 012 0 445 116 013	0 986 435 403	CITROEN 1980 W5 FORD 9X2Q9 K546 DA JAGUAR 02C2C40577 JAGUAR C2C 40577 LAND ROVER LR 017923 PEUGEOT 1980 W5 ROVER LR017923	
		0 445 116 064		CITROEN 1980 W5 FORD 9X2Q9 K546 DA FORD 9X2Q 9K546 DB FORD 9X2Q 9K546 DC JAGUAR 02C2C40577 JAGUAR C2C 40577 JAGUAR 02JDE37866 LAND ROVER LR095361 LAND ROVER LR 017923 PEUGEOT 1980 W5 ROVER LR01792	
PEF 43	F00VX40043	0 445 116 025 0 445 116 026	0 986 435 404	MERCEDES A 642 070 11 87 MERCEDES 642 070 11 87 80 MERCEDES A 642 070 11 87 80 MERCEDES 642 070 11 87	Mercedes E300 / CLS350
PEF 45	F00VX40045	0 445 117 008	0 986 435 409	CHEVROLET 12 620 535 CHEVROLET 19 210 900 GMC 12620535 GMC 19210900	Chevrolet/GMC

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FIRAD code	BOSCH® Stamping	BOSCH® Injector Code	BOSCH® Inj. Remanufactured Code	OE code	Vehicle/ Engine
PEF 51	F00VX40051	0 445 117 010	0 986 435 410	CHEVROLET 19 256 590 CHEVROLET 12 620 534 GMC 12620534 GMC 19256590 OPEL 12620534	Chevrolet/GMS Silverad/Sierra
PEF 60	F00VX40060	0 445 117 016		FORD BC3Q9K546AD	Ford F250/350
		0 445 117 015	0 986 435 415	FORD BC3Q 9K546 AB	
		0 445 117 023 0 445 117 024	0 986 435 415	FORD BC3Q 9K546 AD FORD BC3Q 9K546 AB FORD BC3Z-9H529-B FORD BC3Z-9H529-A	
PEF 63	F00VX30063 (0)				
PEF 66	F00VX40066 (0)	0 445 117 021 0 445 117 022			
PEF 68	F00VX40068				
PEF 77	F00VX50077	0 445 120 287 0 445 120 288		MERCEDES A 4710700587	Mercedes ACTROS
PEF 80	F00VX40080				
PEF 115	F00VX40115	0 445 117 040 0 445 117 043	0 986 435 433	FORD FC3Q 9K546 AA FORD FC3Z9H529B FORD FC3Z9H529A	Ford F250/350/550/650/75 0
PEF 376	B437176376	0 445 120 298 0 445 120 299	0 986 435 622	MERCEDES 470 070 00 87 MERCEDES 470 070 00 87 0080 MERCEDES A 470 070 00 87 0080 MERCEDES A 470 070 00 87	Actros Euro 6

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## Bosch, หัวฉีด Piezoelectric Nozzle

### Geometric Features คุณสมบัติทางเรขาคณิต

รหัส FIRAD code	BOSCH® ตราประทับ	BOSCH® รหัสหัวฉีด	มุม เครื่องยนต์	มุม กวาดของสเปรย์	Holes ข้อมูลของจำนวนรู+ ขนาด
PEF 02R	F00VX30002	0 445 115 007	0°	150°	6 x 0,140
PEF 05AW	F00VX30005	0 445 115 037	0°	158°	7 x 0,145
PEF 07	F00VX30007		0°	159°30	6 x 0,155
PEF 10	F00VX20010	0 445 115 063	0°	157°	8 x 0,130
PEF 14+	F00VX40014+	0 445 115 028	24°	165°	7 x 0,140
PEF 17	F00VX20017	0 445 115 069	0°	158°	7 x 0,140
PEF 20	F00VX30020	0 445 115 042 0 445 115 091	0°	157°	7 x 0,120
PEF 26	F00VX30026	0 445 116 001	0°	159°	7 x 0,140
PEF 29	F00VX40029	0 445 116 035 0 445 116 029	0°	162°	8 x 0,120
PEF 30	F00VX40030	0 445 116 015	0°	158°	8 x 0,125
PEF 31	F00VX40031	0 445 116 011	0°	163°	8 x 0,115
PEF 38	F00VX50038	0 445 120 104 0 445 120 207	0°	141°	6 x 0,195
PEF 39	F00VX40039	0 445 117 020	0°	158°	8 x 0,120
PEF 41	F00VX30041	0 445 116 024	0°	160°	7 x 0,140
PEF 43	F00VX40043	0 445 116 025	0°	157°	8 x 0,130
PEF 45	F00VX40045	0 445 117 008	0°	158°	7 x 0,100
PEF 51	F00VX40051	0 445 117 010	0°	160°	8 x 0,130

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รหัส FIRAD code	BOSCH® ตราประทับ	BOSCH® รหัสหัวฉีด	มุม เครื่องยนต์	มุม กวาดของสเปรย์	Holes ข้อมูลของจำนวนรู+ขนาด
PEF 60	F00VX40060	0 445 117 016	0°	150°	8 x 0,145
PEF 63	F00VX30063 (0)		0°	155°	8 x 0,115
PEF 66	F00VX40066 (0)	0 445 117 021 0 445 117 022	0°	158°	8 x 0,105
PEF 68	F00VX40068		0°	152°	8 x 0,125
PEF 77	F00VX50077	0 445 120 287 0 445 120 288	0°	129°	6 x 0,165
PEF 80	F00VX40080		0°	154°	8 x 0,105
PEF 115	F00VX40115	0 445 117 040 0 445 117 043	0°	150°	8 x 0,140
PEF 376	B437176376	0 445 120 298 0 445 120 299	0°	146°	7 x 0,195

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# DELPHI

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## COMMON RAIL DELPHI - NOZZLE APPLICATIONS

หัวฉีดคอมมอนเรล Delphi - สำหรับเครื่องยนต์

รหัส FIRAD CODE	APPLICATION ยี่ห้อรถ/รหัสเครื่องยนต์.....
ASLA144FL087	RENAULT CLIO - DELPHI EQUIP. L087PBD
ASLA144FL120	RENAULT - DELPHI EQUIP. L120PBD
ALLA145FL077	DELPHI L077PBD
ASLA146FL109	CITROEN C3 1.4 HDI – DELPHI EQUIP. L109PBD
ASLA146FL138	SSANYONG - REXTON
ASLA148FL157	DELPHI L157PBD
ALLA150FL076	DELPHI L076PBD
ASLA150FL097	KIA CARNIVAL (L097PBD)
ALLA150FL121	FORD FOCUS 1.8 TDCI – DELPHI EQUIP. L121PBD
ALLA150FL236	MERCEDES E/C 220
ALLA150FL381	DELPHI L381PRD
ASLA153FL096	FORD MONDEO2.0 TDCI - DELPHI EQUIP. L096PBD
ASLA154FL133	FORD MONDEO 2.0 TDCI (130) – DELPHI EQUIP. L133PBD
ASLA154FL134	FORD MONDEO 2.0 TDCI (115) – DELPHI EQUIP. L134PBD
ASLA154FL135	FORD MONDEO 2.0 TDCI (EU4) – DELPHI EQUIP. L135PBD
ASLA154FL145	FORD TRANSIT 2.4 (EU3) DELPHI EQUIP. L145PBD
ASLA156FL136	DELPHI L136PBD
ALLA156FL281	DELPHI D281
ASLA158FL137	HYUNDAI CARNIVAL2 / SEDAN2 / TERRACAN 2.9 CRDI
AFTL128	FORD TRANSIT – DELPHI EQUIP. L128PBD

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## UNIT INJECTORS PUMPS - DELPHI NOZZLE APPLICATIONS

### ปั๊มหัวฉีด - สำหรับหัวฉีด **Delphi**

รหัส FIRAD CODE	APPLICATION ยี่ห้อรถ/รหัสเครื่องยนต์
ALLA124FL225	DELPHI L225PBC
ALLA130FL022	JOHN DEER 6125 H
ASLA142FL030	LAND ROVER - DELPHI EQUIP. L030PBC
ALLA143FL011	JOHN DEER - DELPHI EQUIP. L011PBB
ALLA145FL311	DELPHI L311PBC
ALLA146FL263	DELPHI L263PBC
ALLA148FL216	VOLVO - DELPHI EQUIP. L216PBC
ALLA149FL207	DELPHI L207PBC - VOLVO VN
ALLA150FL052	DELPHI L052PBC
ALLA150FL053	DAF - F105 / DELPHI EQUIP. L053PBC
ALLA150FL194	DELPHI - L194PBC
ALLA150FL229	VOLVO - DELPHI EQUIP. L229PBC - VOLVO 3829087
ALLA150FL322	DELPHI L322PBC
ALLA150FL358	DELPHIL358PBC
ALLA150FL240	L240PBC - VOLVO
ALLA152FL025 / FL221	VOLVO - DELPHI EQUIP. L025PBC
ALLA152FL028 / FL222	VOLVO - DELPHI EQUIP. L028PBC

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<b>ALLA152FL045</b>	HYUNDAI
<b>ALLA152FL215</b>	DELPHI L215PBC
<b>ALLA152FL232</b>	DELPHI L232PBC
<b>ALLA152FL233</b>	DELPHI L233PBC
<b>ALLA153FL195</b>	DELPHI L195PBC
<b>ALLA154FL026</b>	DELPHI L026PBC
<b>ALLA154FL211</b>	DELPHI L211PBC – VOLVO D13A 480CV FH/FM
<b>ALLA154FL223</b>	DELPHI L223PBC - VOLVO FM9 D9A
<b>ALLA155FL210</b>	DELPHI L210PBC
<b>ALLA156FL357</b>	DELPHI L357PBC
<b>ALLA158P4820</b>	VOLVO FH12 420HP / DELPHI EQUIP. L014PBB
<b>ALLA158P5040</b>	VOLVO FH12 420HP / DELPHI EQUIP. L014PBB
<b>ALLA158P7154</b>	VOLVO FH12 / DELPHI EQUIP. LP004B
<b>ALRL023</b>	LAND ROVER TD5 - DELPHI EQUIP. L023PBC
<b>M001CTA</b>	9170049A -VOLVO FH12 7 DELPHI EQUIP. L001CTA

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# Siemens VDO Continental Injector Catalogue

แค็ตตาล็อกหัวฉีด

ปรับปรุงข้อมูลล่าสุด 06/2020

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## OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

เพื่อป้องกันความสับสนโปรดทราบว่า !!

รหัสประจำของผู้ผลิตต้นกำเนิดและเลขประจำตัวชิ้นส่วน

ที่ระบุในเอกสารนี้ใช้เพื่อการอ้างอิงในที่นี้เท่านั้น

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## คำย่อและความหมาย

### ABBREVIATIONS

#### - Holes รู

In this section are reported the information about how many micro holes there are and their diameter, in this following way: <N.microholes> x <Diameter microholes>

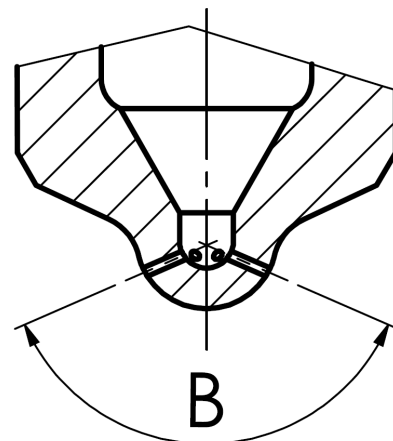
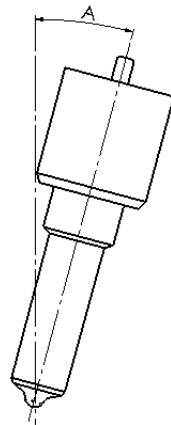
ในส่วนนี้หมายถึงข้อมูลที่บอกจำนวนรูที่มีอยู่ในพื้นที่ของปลายหัวฉีดตัวนั้น และขนาดเส้นผ่าศูนย์กลางของรู โดยมีรูปแบบ <เลขจำนวนรู> x (ขนาดเส้นผ่า ศ.ก.)

#### - Angles มุม

In this section are reported the information related to nozzle and micro holes angular position

ในส่วนนี้เป็นข้อมูลของมุมเอียง(A)จากแนวตั้งของปลายหัวฉีดและมุมกวาด (B) รูของรูหัวฉีด

Engine  
Angle Spray  
Angle  
A B



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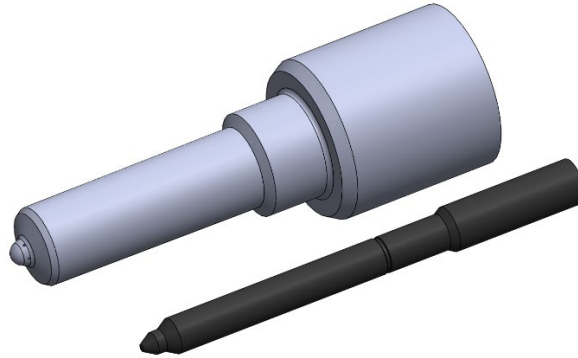
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## Siemens VDO nozzle



รหัสFIRAD code	VDO® ตราประทับ	VDO® รหัสหัวฉีด	OE code รหัสผู้ผลิตต้นกำเนิด	Vehicle/ Engine ยี่ห้อ/รหัสเครื่องยนต์
ALLA 140 PM 019	M 0019 P 140	A2C595170 51	CITROËN 9801125480 FORD BK2Q-9K546-AG FORD 1840747 FORD 1746967 PEUGEOT 9801125480	CITROËN JUMPER Bus 2.0 BlueHDi 110 CITROËN JUMPER Bus 2.2 HDi 110 CITROËN JUMPER Bus 2.2 HDi 130 CITROËN JUMPER Bus 2.2 HDi 150 CITROËN JUMPER Kasten 2.0 BlueHDi 110 CITROËN JUMPER Kasten 2.0 BlueHDi 130 CITROËN JUMPER Kasten 2.2 HDi 110 CITROËN JUMPER Kasten 2.2 HDi 130 CITROËN JUMPER Kasten 2.2 HDi 150 CITROËN JUMPER Pritsche/Fahrgestell 2.0 BlueHDi 110 CITROËN JUMPER Pritsche/Fahrgestell 2.0 BlueHDi 130 CITROËN JUMPER Pritsche/Fahrgestell 2.2 HDi 110 CITROËN JUMPER Pritsche/Fahrgestell 2.2 HDi 130 CITROËN JUMPER Pritsche/Fahrgestell 2.2 HDi 150 FORD Ranger 2.2 TDCI FORD Ranger 3.2 TDCI FORD Transit 2.2 TDCI

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รหัสFIRAD code	VDO® ตราประทับ	VDO® รหัสหัวฉีด	OE code รหัสผู้ผลิตต้นกำเนิด	Vehicle/ Engine ยี่ห้อ/รหัสเครื่องยนต์
<b>ALLA 142 PM 604</b>	M 0604 P 142	5WS40149-Z A2C595116 12 A2C595139 98	CITROËN 1980L0 CITROËN 00001980L0 MAZDA Y404-13-250A PEUGEOT 00001980L0 PEUGEOT 9663429280 PEUGEOT 1980L0	CITROËN C2 1.4 HDi CITROËN C3 I 1.4 HDi CITROËN C3 II 1.4 HDi PEUGEOT 307 / 1007 CITROËN C1/C2/C3 FORD FIESTA FUSION
<b>ALLA 145 PM 031</b>	M 0031 P 145	5WS40932 A2C399970 00 A2C399970 0080	NAVISTAR 7001105C1	TROLLER T4 3.2 FORD Ranger 3.2
<b>ALLA 147 PM 007</b>	M 0007 P 147.6			RENAULT CLIO RENAULT SCENIC RENAULT MODUS RENAULT MEGANE RENAULT QASHQAI RENAULT TILDA
<b>ALLA 150 PM 1600</b>	M 1600 P 150	5WS40080 A2C595152 64 A2C200093 47	MWM 77550 FORD LK2400684	FORD RANGER 3.0 TD TROLLER T4 3.0 TROLLER PANTANAL 3.0
<b>ALLA 152 PM 1001</b>	M 1001 P 152	A2C595116 10 AC2595149 11 5WS40086	FORD 4M5Q9F593AD FORD 1355051	FORD C-MAX 1.8 TDCi FORD FOCUS 1.8 TDCi FORD FOCUS Stufenheck 1.8 TDCi FORD FOCUS Turnier 1.8 TDCi FORD FOCUS C-MAX 1.8 TDCi FORD FOCUS II 1.8 TDCi FORD FOCUS II Stufenheck 1.8 TDCi FORD FOCUS II Turnier 1.8 TDCi FORD GALAXY 1.8 TDCi FORD MONDEO IV 1.8 TDCi FORD MONDEO IV Stufenheck (BA7) 1.8 TDCi FORD S-MAX (WS) 1.8 TDCi FORD TOURNEO CONNECT 1.8 TDCi /TDDi /DI FORD TOURNEO CONNECT 1.8 TDCi FORD TRANSIT CONNECT 1.8 Di FORD TRANSIT CONNECT 1.8 TDCi

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รหัสFIRAD code	VDO® ตราประทับ	VDO® รหัสหัวฉีด	OE code รหัสผู้ผลิตต้นกำเนิด	Vehicle/ Engine ยี่ห้อ/รหัสเครื่องยนต์
ALLA 152 PM 1003	M 1003 P 152	A2C595149 12 A2C595116 11 5WS40250	FORD 7T1Q9F593AB FORD 1432322	FORD TOURNEO CONNECT 1.8 TDCi /TDDi /DI FORD TOURNEO CONNECT 1.8 TDCi FORD TRANSIT CONNECT 1.8 Di FORD TRANSIT CONNECT 1.8 TDCi FORD FOCUS C-MAX, C-MAX, GALAXY FORD MONDEO III/IV, S-MAX
ALLA 153 PM 003	M 003 P 153	5WS40156- 4Z	CITROËN 00001980J4 CITROËN 1980J4 FIAT 9657144680 FORD 3M5Q9F593DB FORD 1373549 PEUGEOT 1980J4 PEUGEOT 00001980J4 VOLVO 36000315 VOLVO 36000317	CITROËN C4 I 2.0 HDi CITROËN C4 Coupe 2.0 HDi CITROËN C5 II 2.0 HDi CITROËN C5 II Break 2.0 HDi PEUGEOT 307 / 407 / 607 / 807 CITROËN XSARA FORD C-MAX
		5WS40156- Z	CITROËN 1980J5 CITROËN 00001980J5 FORD 1373550 FORD 3M5Q9F593EB PEUGEOT 1980J5 PEUGEOT 00001980J5 VOLVO 36000319 VOLVO 36000318	
ALLA 153 PM 005	M 0005 P 153	A2C595149 10 A2C595116 02 5WS40200	CITROËN 1980K5 CITROËN 00001980K5 FIAT 9659337980 PEUGEOT 1980K5 PEUGEOT 00001980K5	CITROËN C8 2.0 HDi CITROËN JUMPY 2.0 HDi 120 CITROËN JUMPY Kasten 2.0 HDi 120 FIAT ULYSSE FIAT SCUDO
ALLA 153 PM 601	M 0601 P 153			PEUGEOT,CITROEN,FORD,VOLVO
ALLA 153 PM 1002	M 1002 P 153			PEUGEOT 407 CITROEN C6

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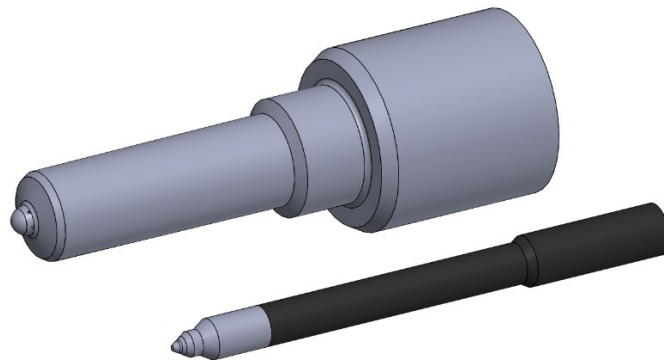
รหัสFIRAD code	VDO® ตราประทับ	VDO® รหัสหัวฉีด	OE code รหัสผู้ผลิตต้นกำเนิด	Vehicle/ Engine ยี่ห้อ/รหัสเครื่องยนต์
ALLA 154 PM 012	M 0012 P 154	5WS54067 7 A2C595135 56	CITROËN 1980ET CITROËN 00001980R9 CITROËN 00001980ET CITROËN 9802448680 CITROËN 1980S0 CITROËN 1980ER CITROËN 1980R9 CITROËN 00001980ER CITROËN 00001980S0 FORD 1791017 FORD 1812616 PEUGEOT 1980ET PEUGEOT 1980S0 PEUGEOT 00001980ET PEUGEOT 00001980R9 PEUGEOT 1980ER PEUGEOT 00001980ER PEUGEOT 9802448680 PEUGEOT 00001980S0 PEUGEOT 1980R9 VOLVO 36001726 VOLVO 36001728 VOLVO 36001727 VOLVO 36001729	CITROËN BERLINGO 1.6 HDi CITROËN BERLINGO Kasten 1.6 HDi CITROËN BERLINGO Pritsche/Fahrgestell (B9) 1.6 HDi 90 16V CITROËN C3 II 1.6 HDi CITROËN C3 Picasso 1.6 HDi CITROËN C4 II 1.6 HDi CITROËN C4 Picasso I Großraumlimousine 1.6 HDi CITROËN C4 Picasso II 1.6 HDi / BlueHDi CITROËN C4 Grand Picasso I 1.6 HDi CITROËN C4 AIRCROSS 1.6 HDi CITROËN C5 III 1.6 HDi CITROËN C5 III Break 1.6 HDi CITROËN DS3/ DS4/ DS5 1.6 HDi FORD MAZDA VOLVO 1.6 cDi
ALLA 155 PM 008	M 0008 P 155	5WS54053 6 A2C595134 84	DACIA 16 60 080 52R DACIA 16 60 043 05R DACIA 8200903034 NISSAN 16600 00Q1F RENAULT 16 60 043 05R RENAULT 8200903034 RENAULT 16 60 080 52R	DACIA DUSTER 1.5 dCi DACIA DUSTER 1.5 dCi 4x4 DACIA DUSTER Kasten 1.5 dCi DACIA DUSTER Kasten 1.5 dCi 4x4 DACIA LODGY 1.5 dCi
ALLA 155 PM 018	M 0018 P 155			
ALLA 156 PM 002	M 0002 P 156			
ALLA 162 PM 011	M 0011 P 162	5WS40249 A2C595113 64 A2C348217 00	FORD 4H2Q9K546AF LAND ROVER LR008836 LAND ROVER LR006495	LAND ROVER RANGE ROVER SPORT 2.7 D 4x4440 LAND ROVER DISCOVERY III 2.7 TD 4x4

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รหัส FIRAD code	VDO® ตราประทับ	VDO® รหัสหัวฉีด	OE code รหัสผู้ผลิตต้นกำเนิด	Vehicle/ Engine ยี่ห้อรถ/รหัสเครื่องยนต์
ASLA 140 PV 600	V 0600 P 142	5WS40000-Z	CITROËN 1980F0 CITROËN 00001980F0 CITROËN 9652173780 PEUGEOT 9652173780 PEUGEOT 00001980F0 PEUGEOT 1980F0	CITROËN BERLINGO / BERLINGO FIRST Großraumlimousine 2.0 HDI CITROËN BERLINGO / BERLINGO FIRST Kasten 2.0 HDI CITROËN C5 I 2.0 HDi CITROËN C5 I Break 2.0 HDi CITROËN XSARA 2.0 HDi 90 CITROËN XSARA Break 2.0 HDI CITROËN XSARA Coupe 2.0 HDI PEUGEOT 307/407 PEUGEOT Partner 406 Facelift
ASLA 144 PV 602	V 0602 P 144			PEUGEOT 1007/307 TOYOTA AYGO MAZDA 2 CITROËN C1/C2/C3
ASLA 144 PV 605	V 0605 P 144	5WS40148-Z A2C59513997	CITROËN 00001980E7 CITROËN 9655304880 CITROËN 9655304780 FORD 2S6Q9F593AB FORD 2S6Q9F593AA FORD 2S6Q9F593BB FORD 2S6Q9F593AC PEUGEOT 1980E7 PEUGEOT 00001980E7 PEUGEOT 9655304880 PEUGEOT 9655304780	CITROËN C3 Pluriel 1.4 HDi PEUGEOT 307 / 1007 CITROËN C1/C2/C3 FORD FIESTA FUSION

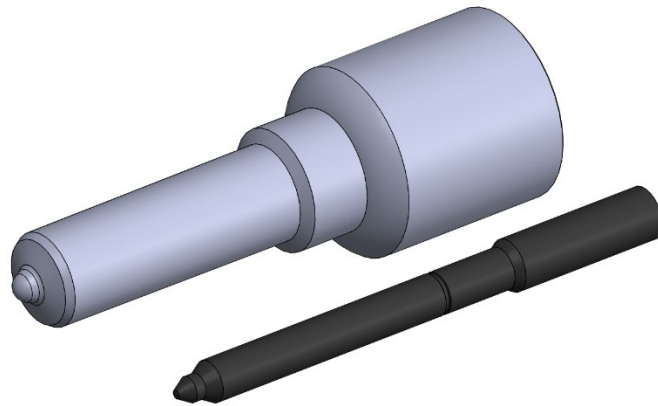
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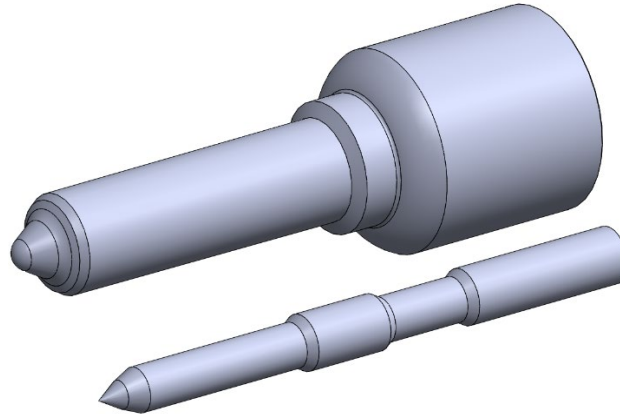


FIRAD code	VDO® Stamping	VDO® Injector Code	OE code	Vehicle/ Engine
ALLA 154 PM 006	M 0600 P 154			

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 Website: [www.premo.com.sg](http://www.premo.com.sg)





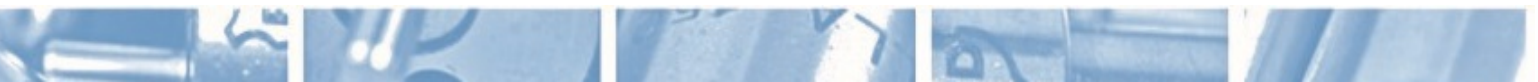
FIRAD code	VDO® Stamping	VDO® Injector Code	OE code	Vehicle/ Engine
ASLA 152 PV 203	V 203 P 152			VW 2.0 TDI
ASLA 152 PV 208	V 208 P 152			

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## ปลายหัวฉีดของ VDO Nozzle

### Geometric Features ข้อมูลทางเรขาคณิต

รหัส FIRAD code	VDO® ตราประทับ	VDO® รหัสหัวฉีด	มุมเครื่อง ยนต์	มุมกวาด สเปรย์	จำนวน+ ขนาดรู
ALLA 140 PM 019	M 0019 P 140	A2C59517051	0°	140°	8 x 0,120
ASLA 140 PV 600	V 0600 P 142	5WS40000-Z	15°	142°	5 x 0,160
ALLA 142 PM 604	M 0604 P 142	5WS40149-Z A2C59511612	12°30'	142°	6 x 0,110
ASLA 144 PV 602	V0602 MP 144		14°	144°	6 x 0,110
ASLA 144 PV 605	V 605 P 144	5WS40148-Z	14°	144°	6 x 0,110
ALLA 145 PM 031	M 0031 P 145	5WS40932 A2C39997000 A2C399970008 0	0°	145°	7 x 0,160
ALLA 147 PM 007	M 0007 P 147.6		14°	147°	6 x 0,120
ALLA 150 PM 1600	M 160 0P 150		0°	150°	6 x 0,195
ALLA 152 PM 1001	M 1001 P 152	A2C59511610	19°	152°	7 x 0,125
ALLA 152 PM 1003	M 1003 P 152	A2C59514912	19°30'	152°	7 x 0,110
ASLA 152 PV 203	V 203 P 152		0°	152°	6 x 0,160
ASLA 152 PV 208	V 208 P 152		0°	152°	6 x 0,160
ALLA 153 PM 003	M 003 P 153	5WS40156-4Z	0°	153°	6 x 0,150
ALLA 153 PM 005	M 0005 P 153	A2C59514910	0°	153°	6 x 0,110
ALLA 153 PM 601	M 0601 P 153		0°	153°	6 x 0,155

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รหัส FIRAD code	VDO® ตราประทับ	VDO® รหัสหัวฉีด	มุมเครื่อง ยนต์	มุมกวาด สเปรย์	จำนวน+ ขนาดรู
ALLA 153 PM 1002	M 1002 P 153		0°	153°	6 x 0,150
ALLA 154 PM 006	M 0006 P 154		0°	154°	6 x 0,200
ALLA 154 PM 012	M 0012 P 154	5WS540677 A2C59513556	12°30'	154°	7 x 0,120
ALLA 155 PM 008	M 0008 P 155	5WS540536 A2C59513484	15°	155°	7 x 0,110
ALLA 155 PM 018	M 0018 P 155		0°	155°	7 x 0,165
ALLA 156 PM 002	M 0002 P 156		0°	156°	6 x 0,120
ALLA 162 PM 011	M 0011 P 162		0°	162°	7 x 0,120

**ผู้จัดจำหน่ายประจำภูมิภาค:**

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