IT'S BLUE
IT'S GREEN
IT'S FIRAD

Release 09 | 2026

FIRAD

DENSO INJECTOR CATALOGUE

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

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ABBREVIATIONS

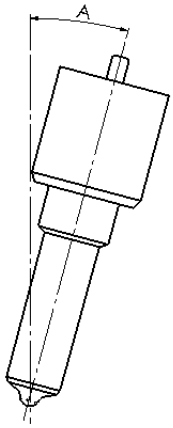
- **Holes**

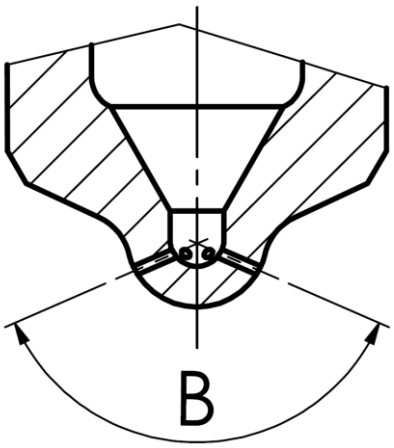
In this section are reported the information about how many micro holes there are and their diameter, in this following way: <N.microholes> x <Diameter microholes>

- **Angles**

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

Engine Angle	Spray Angle
A	B





OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

Denso nozzle (1st and 2nd Generation)

FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
ALLA125P889-J	DLLA125P889	095000-6480		093400-8890	John Deere RE529149 John Deere RE546776 John Deere RE528407 John Deere SE501947 ALLIANT POWER AP51800 ALLIANT POWER AP51900	John Deere 9.0
ALLA127P944-J	DLLA127P944	095000-6310		093400-9440	John Deere RE546784 John Deere RE531209 John Deere RE530362 John Deere SE501925 ALLIANT POWER AP52802 ALLIANT POWER AP52902	John Deere 4.5 John Deere 6.8
ALLA127P945-J	DLLA127P945	095000-6320		093400-9450	John Deere RE546783 John Deere RE531210 John Deere RE530361 John Deere SE50192 ALLIANT POWER AP52803 ALLIANT POWER AP52903	John Deere 4.5 John Deere 6.8
ALLA127P1098-J	DLLA127P1098	095000-6310		093400-9441	John Deere RE546784 John Deere RE531209 John Deere RE530362 John Deere SE501925 ALLIANT POWER AP52802 ALLIANT POWER AP52902	John Deere 4.5 John Deere 6.8
ALLA129P890-J	DLLA129P890	095000-6470		093400-8900	John Deere RE546777 John Deere RE528408 John Deere RE529151 John Deere SE501948 ALLIANT POWER AP51802 ALLIANT POWER AP51902	John Deere 9.0
ALLA129P983-J	DLLA129P983	095000-6880		093400-9830	John Deere RE546780 John Deere RE533454 John Deere RE532216 John Deere SE501934	John Deere 4.5 John Deere 6.8

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					ALLIANT POWER AP52804 ALLIANT POWER AP52904	
ALLA133P814-J	DLLA133P814	095000-5050		093400-8140	John Deere RE507860 John Deere RE516540 John Deere RE519730 John Deere SE501924 ALLIANT POWER AP52800 ALLIANT POWER AP52900	John Deere 4.5 John Deere 6.8
ALLA133P888-J	DLLA133P888	095000-6460		093400-8880		John Deere Skidder 8.1 L
ALLA138P934-J	DLLA138P934	095000-6280		093400-9340		
ALLA139P851-J	DLLA139P851	095000-5480		093400-8510		John Deere 4045H Series 6820
ALLA139P887-J	DLLA139P887	095000-6490		093400-8870	John Deere RE529118 John Deere RE546781 John Deere RE524382 John Deere SE501926 ALLIANT POWER AP52801 ALLIANT POWER AP52901	John Deere D 7430 Engine 6068HL482 John Deere 4.5 John Deere 6.8
ALLA139P925-J	DLLA139P925	095000-6500		093400-9250	John Deere RE529414 John Deere RE529117 John Deere RE546782 John Deere SE501927 ALLIANT POWER AP52806 ALLIANT POWER AP52906	John Deere Series 30 John Deere 6501
ALLA142P793-J	DLLA142P793	095000-0801		093400-7930		ISUZU – 6SD1 Engine ver. Hong Kong
ALLA142P852-J	DLLA142P852	095000-1210		093400-8520		
ALLA143P761-J	DLLA143P761	095000-0562		093400-7610		ISUZU – 4HK1/6HK1 Engines
ALLA144P690-J	DLLA144P690	095000-0145		093400-6900		ISUZU -4HK1/6HK1 Engines
ALLA145P684-J	DLLA145P684			093400-6840		
ALLA145P748-J	DLLA145P748			093400-7480		
ALLA145P864-J	DLLA145P864	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 VIGO TOYOTA HILUX 2.5 2KD TOYOTA HIACE

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FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
					TOYOTA 23670-39235 TOYOTA 23670-39275 TOYOTA 23670-39276	
ALLA145P870-J	DLLA145P870	095000-5600	DCRI105600	093400-8700	MITSUBISHI 1465A041	MITSUBISHI L 200 MITSUBISHI TRITON MITSUBISHI PAJERO
ALLA145P875-J	DLLA145P875	095000-5760		093400-8750		MITSUBISHI PAJERO MITSUBISHI TRITON L200
ALLA145P1024-J	DLLA145P1024	095000-5931 095000-7760		093400-0240 093400-1024		TOYOTA HILUX 2.5 D-4D
ALLA145P1031-J	DLLA145P1031	095000-7500	DCRI107500	093400-1031	MITSUBISHI 1465A279	MITSUBISHI PAJERO
ALLA145P1049-J	DLLA145P1049	095000-8010 095000-8011		093400-1049	SINO VG1246080051	SINOTRUK HOWO A7
ALLA145P1091-J	DLLA145P1091			093400-1091		
ALLA146P768-J	DLLA146P768			093400-7680		
ALLA147P747-J	DLLA147P747	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
ALLA147P962-J	DLLA147P962	095000-7011		093400-9620		
ALLA148P763-J	DLLA148P763	095000-0540		093400-7630	John Deere RE524369 John Deere SE501941 ALLIANT POWER AP50804 ALLIANT POWER AP50904	John Deere 8.1
ALLA148P764-J	DLLA148P764	095000-0551 095000-0550		093400-7640	John Deere RE501010 John Deere RE524368 John Deere SE501940	John Deere 8.1
ALLA148P765-J	DLLA148P765	095000-0510	DCRI100510	093400-7650	NISSAN 16600-8H800	NISSANX-TRIAL 2.2
ALLA148P800-J	DLLA148P800			093400-8000		NISSAN PRIMERA
ALLA148P816-J	DLLA148P816	095000-5130		093400-8160		NISSAN XTRAIL
ALLA148P817-J	DLLA148P817	095000-5084		093400-8170		OPEL ASTRA 1.7 CDTI
ALLA148P820-J	DLLA148P820	095000-5160		093400-8200	John Deere SE501937 John Deere RE524362 John Deere RE518725 John Deere RE504181 ALLIANT POWER AP50803 ALLIANT POWER AP50903	John Deere 8.1
ALLA148P826-J	DLLA148P826	095000-5190		093400-8260		John Deere Series 8220
ALLA148P828-J	DLLA148P828	095000-5230		093400-8280	John Deere RE524360 John Deere SE501935	John Deere 8.1

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					ALLIANT POWER AP50802 ALLIANT POWER AP50902	
ALLA148P872-J	DLLA148P872	095000-5650	DCRI105650	093400-8720	NISSAN 16600-EB300 NISSAN 16600-EB30E	NISSAN NAVARA NISSAN PATHFINDER NISSAN PICK UP
ALLA148P915-J	DLLA148P915	095000-6070		093400-9150		
ALLA148P924-J	DLLA148P924	095000-6130	DCRI106130	093400-9240	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
ALLA148P932-J	DLLA148P932	095000-6240 095000-624002D	DCRI106240	093400-9320	NISSAN 16600-MB40A NISSAN 16600-MB40E NISSAN 16600-VM00D	NISSAN CABSTAR NISSAN CV CABSTAR NISSAN FRONTIER
ALLA149P786-J	DLLA149P786	095000-0761		093400-7860		KOMATSU (6156-11-330)
ALLA149P1036-J	DLLA149P1036	095000-7560 095000-5150		093400-1036	RE524361 RE518726 SE501936	John Deere 8.1
ALLA150P24-J	DLLA150P24			093400-5240		
ALLA150P59-J	DLLA150P59			093400-5590		
ALLA150P61-J	DLLA150P61			093400-5610		
ALLA150P815-J	DLLA150P815	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 VERSO 2.0
ALLA150P835-J	DLLA150P835	095000-5214		093400-8350		ISUZU 6WG1 Engine HITACHI
ALLA150P866-J	DLLA150P866	095000-5550		093400-8660		HYUNDAI mighty county
ALLA150P914-J	DLLA150P914	095000-5951		093400-9140		
ALLA150P927-J	DLLA150P927	095000-6222 095000-5940		093400-9270		
ALLA150P966-J	DLLA150P966	095000-6770		093400-6770		
ALLA150P991-J	DLLA150P991	095000-7172		093400-9910		

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ALLA150P1052-J	DLLA150P1052	095000-8100		093400-1052		
ALLA150P1059-J	DLLA150P1059	095000-8310		093400-1059		HYUNDAI mighty county
ALLA150P1113-J	DLLA150P1113	095000-9690		093400-1113		
ALLA151P771-J	DLLA151P771	095000-0722		093400-7710		ISUZU NISSAN
ALLA152P69-J	DLLA152P69			093400-5690		
ALLA152P798-J	DLLA152P798	095000-5014		093400-7980		ISUZU 4HJ1 Engine NISSAN E13C Engine
ALLA152P805-J	DLLA152P805	095000-5030	DCRI107850	093400-8050	MAZDA RF5C13H50 MAZDA RF5C13H50A MAZDA RF5C13H50B MAZDA RF5C13H50C MAZDA RFY013H50 MAZDA RFY013H50A MAZDA RFY013H50B	MAZDA 5/6 2.0 MAZDA MPV II
ALLA152P862-J	DLLA152P862	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
ALLA152P865-J	DLLA152P865	095000-5510		093400-8650		HINO (E13C Engine)
ALLA152P879-J	DLLA152P879	095000-6693		093400-8790		
ALLA152P929-J	DLLA152P929	095000-6303		093400-9290		
ALLA152P947-J	DLLA152P947	095000-6250 095000-625002D	DCRI106250	093400-9470	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
ALLA152P980-J	DLLA152P980	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 D-MAX I ISUZU KB ISUZU ELF 300

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FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
					ISUZU 8-98011604-9 ISUZU 8-98055862-3	
ALLA152P981-J	DLLA152P981	095000-6993		093400-9810		
ALLA152P989-J	DLLA152P989			093400-9890		
ALLA150P1040-J	DLLA152P1040	095000-8370	DCRI108370	093400-1040	ISUZU 8-98119228-0 ISUZU 8-98119228-1 ISUZU 8-98119228-2 ISUZU 8-98119228-3	Isuzu D-Max
ALLA152P1072-J	DLLA152P1072	095000-8340		093400-1072	ISUZU 8-98106693-2	
ALLA152P1097-J	DLLA152P1097			093400-1097		
ALLA153P884-J	DLLA153P884	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
ALLA153P885-J	DLLA153P885	095000-7060	DCRI107060	093400-8850	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
ALLA153P958-J	DLLA153P958	095000-6630		093400-9580		
ALLA154P90-J	DLLA154P90			093400-5900		
ALLA154P669-J	DLLA154P669			093400-6690		ISUZU
ALLA154P881-J	DLLA154P881	095000-6290		093400-8810		
ALLA155P16-J	DLLA155P16			093400-5160	TOYOTA 23620-56010	
ALLA155P84-J	DLLA155P84			093400-5840		
ALLA155P683-J	DLLA155P683			093400-6830		
ALLA155P750-J	DLLA155P750					
ALLA155P753-J	DLLA155P753	095000-0750	DCRI100750	093400-7530	TOYOTA 23670-30020 TOYOTA 23670-39025 TOYOTA 23670-39026	TOYOTA LAND CRUISER
ALLA155P767-J	DLLA155P767	095000-0582		093400-7670		
ALLA155P818-J	DLLA155P818					
ALLA155P840-J	DLLA155P840			093400-8400		

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ALLA155P842-J	DLLA155P842	095000-6591 095000-6593		093400-8420		Hino (Motor J08E)
ALLA155P848-J	DLLA155P848	095000-6350 095000-6353		093400-8480		ISUZU
ALLA155P856-J	DLLA155P856	095000-6603		093400-8560		
ALLA155P863-J	DLLA155P863	095000-5921		093400-8630		TOYOTA HILUX 3.0
ALLA155P876-J	DLLA155P876	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
ALLA155P880-J	DLLA155P880	095000-7030	DCRI107780	093400-8800	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
ALLA155P935-J	DLLA155P935	095000-6380		093400-9350		
ALLA155P936-J	DLLA155P936	095000-6390		093400-9360		
ALLA155P939-J	DLLA155P939	095000-7670	DCRI107670	093400-9390	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
ALLA155P941-J	DLLA155P941	095000-6510		093400-9410		
ALLA155P960-J	DLLA155P960	095000-7690 095000-6680 095000-6970 095000-7320 095000-7330 095000-7680	DCRI107690	093400-9600	TOYOTA 23670-0R050 TOYOTA 23670-09270 TOYOTA 23670-09190 TOYOTA 23670-09230 TOYOTA 23670-0R130 TOYOTA 23670-0R180	
ALLA155P965-J	DLLA155P965	095000-6700		093400-9650		Sinotruck Howo
ALLA155P970-J	DLLA155P970	095000-7530 095000-7700 095000-9780 095000-6730	DCRI109780	093400-9700	TOYOTA 23670-51020 TOYOTA 23670-51031 TOYOTA 23670-59025 TOYOTA 23670-59035 TOYOTA 23670-59037	

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ALLA155P971-J	DLLA155P971	095000-8061 095000-7180		093400-9710		
ALLA155P985-J	DLLA155P985	095000-5890	DCRI107730	093400-9850	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
ALLA155P1025-J	DLLA155P1025	095000-7781		093400-1025		
ALLA155P1030-J	DLLA155P1030			093400-1030		
ALLA155P1044-J	DLLA155P1044	095000-6520		093400-1044		
ALLA155P1062-J	DLLA155P1062	095000-8290	DCRI107780	093400-1062	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
ALLA155P1090-J	DLLA155P1090			093400-1090		HOWO SINOTRUCK
ALLA156P799-J	DLLA156P799	095000-5004		093400-7990		ISUZU 6WG1 Engine HITACHI
ALLA156P845-J	DLLA156P845	095000-5360		093400-8450		
ALLA156P846-J	DLLA156P846	095000-5350		093400-8460		
ALLA156P910-J	DLLA156P910			093400-9100		
ALLA157P855-J	DLLA157P855	095000-5450		093400-8550		
ALLA157P969-J	DLLA157P969	095000-8621		093400-9690		
ALLA158P834-J	DLLA158P834	095000-5226		093400-8340		Hino (Motor P13C)
ALLA158P844-J	DLLA158P844	095000-5342		093400-8440		HINO
ALLA158P854-J	DLLA158P854	095000-5471 095000-5474		093400-8540		ISUZU 6HK1 ISUZU 4HK1 Sinotruck 230/350/450 Hitachi
ALLA158P909-J	DLLA158P909	095000-5972		093400-9090		
ALLA158P984-J	DLLA158P984	095000-637X		093400-9840		
ALLA158P1092-J	DLLA158P1092	095000-5344		093400-1062		

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ALLA158P1096-J	DLLA158P1096	095000-8901		093400-1096		ISUZU VOLVO SERIES 7
ALLA160P3-J	DLLA160P3			093400-5030		
ALLA160P50-J	DLLA160P50			093400-5500		

Denso nozzle 3rd Generation

(Needle Ø 3,50 mm)

FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
ALLA129G3S17	G3S17	295050-0610			John Deere RE543605 John Deere RE543352 John Deere SE502556	
ALLA133G3S19	G3S19	095000-0590			John Deere RE545562 John Deere RE543351 John Deere SE502671 ALLIANT POWER AP52807 ALLIANT POWER AP52907	John Deere 4.5L, 6.8L, 8.1L, 9.0L Engine
ALLA134G3S18	G3S18	295050-0600			John Deere RE543606 John Deere RE543354 John Deere SE502557	
ALLA144G3S32	G3S32	295050-0560 295050-0740	DCRI300560		MITSUBISHI 1465A351	MITSUBISHI PAJERO Classic MITSUBISHI PAJERO IV
ALLA144G3S33	G3S33	295050-0810	DCRI300810		TOYOTA 23670-09380 TOYOTA 23670-OL110	TOYOTA HILUX 2.5 2KD
ALLA145G3S45	G3S45	295050-0890				MITSUBISHI L200
ALLA145G3S50	G3S50	095000-0960 295050-0960			166005-5x30A	TOYOTA VIGO GM Pick-up S10
ALLA146G3S53	G3S53	529 6723				CUMMINS
ALLA146G3S11	G3S11	095000-0260				HIMO 500
ALLA146G3S53	G3S53	529 6723				CUMMINS
ALLA146G3S112	G3S112	534 4766		9729505-220X		CUMMINS
ALLA146G3S115	G3S115					
ALLA148G3S77	G3S77	295050-1760			1465A439	PERKINS Engine TRITON MITSUBISHI L200

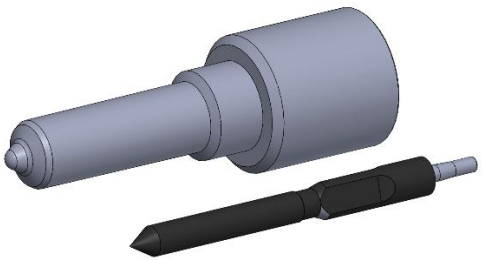
OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

ALLA150G3S7	G3S7	295050-0190 295050-0530	DCRI300470		TOYOTA 23670-09340 TOYOTA 23670-OL100 TOYOTA 23670-30410 TOYOTA 23670-39355	TOYOTA HILUX III
ALLA151G3S10	G3S10	295050-0300	DCRI300300		NISSAN 16600-1AT0A NISSAN 16600-5X00A	NISSAN MURANO NISSAN NAVARA NISSAN NAVARA NISSAN NP300 NISSAN PATHFINDER NISSAN PICK UP
ALLA151G3S79	G3S79	295050-1590			Toyota 23670-E0590	ISUZU Truck
ALLA151G3S84	G3S84	295050-1650				HINO Truck
ALLA151G3S93	G3S93	295050-1550 295050-2900				ISUZU Truck
ALLA152G3S14	G3S14	095000-0323			ALLIANT POWER AP53908	
ALLA152G3S37	G3S37	095000-0470			TOYOTA 23670-0L100 TOYOTA 23670-30410 TOYOTA 23670-09340	TOYOTA Hilux 3.0
ALLA152G3S51	G3S51				166005x30A	NISSAN FRONTIER Sel 2.5
ALLA152G3S56	G3S56	528 4016				CUMMINS
ALLA152G3S82	G3S82	11200-E1EC0 D720112010 E1EC011610 01T01693				CUMMINS Engine
ALLA152G3S92	G3S92	295050-1540 8-98246751-0				ISUZU
ALLA153G3S41	G3S41	295050-0760			Toyota 23670-E9260	HINO N04C enigne
ALLA153G3S48	G3S48	295050-0930				ISUZU Truck
ALLA153G3S103	G3S103					
ALLA153G3S120	G3S120	536 5904				CUMMINS
ALLA153G3S127	G3S127	536 7913				CUMMINS
ALLA153G3S155	G3S155					
ALLA154G3S6	G3S6	295050-0460 095050-052X	DCRI300460		TOYOTA 23670-30400 TOYOTA 23670-39365	TOYOTA HILUX 3.0 4WD TOYOTA LAND CRUISER TOYOTA PRADO
ALLA154G3S43	G3S43	295050-0770	DCRI300770		OPEL 55570012 VAUXHALL 821035 VAUXHALL 95521531 GM 55596708	OPEL ASTRA OPEL MERIVA OPEL MOKKA OPEL ZAFIRA VAUXHALL ZAFIRA CHEVROLET CRUZE CHEVROLET EQUINOX GMC TERRAIN
ALLA154G3S47	G3S47	295050-1900 295050-0910 8-98260109-0 8-98159583-1				ISUZU DMAX
ALLA154G3S99	G3S99	295050-1450				ISUZU Truck

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

		295050-2870 8-98259287-0				
ALLA156G3S73	G3S73	295050-1890				HINO Truck
ALLA158G3S91	G3S91	295050-1520 8-98243863-0			15208630 11T01106	ISUZU Truck

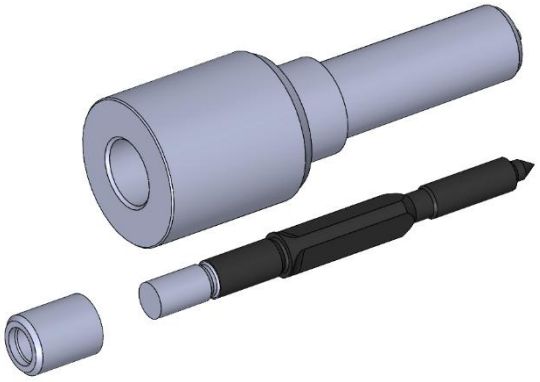
Denso piezoelectric nozzle 2nd Generation



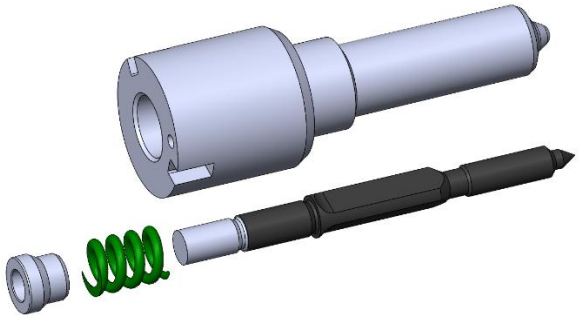
FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
ALLA154G2P1	G2P1	295900-0010				
ALLA156G2P3	G2P3	295900-0110 295000-0110	DCRI200110		TOYOTA 23670-0R040 TOYOTA 23670-0R041 TOYOTA 23670-26011 TOYOTA 23670-26020 TOYOTA 23670-26020-2 TOYOTA 23670-29055 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

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

Denso piezoelectric nozzle 3rd Generation



FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
KGCF1	GCF1	095000-1020				SINOCMP Engine



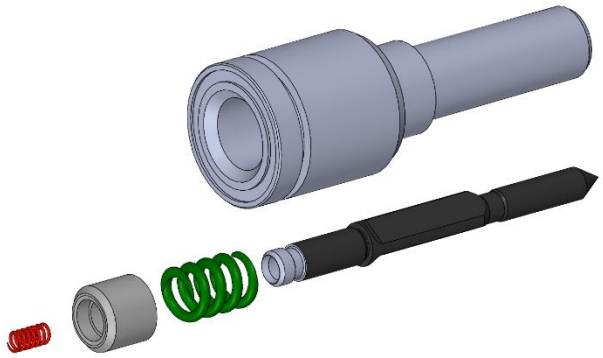
FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
KG3P004	G3P004	295900-0170 295900-0420	DCRI200420		LEXUS 23670-26061 LEXUS 23670-29125 LEXUS 23670-29126 TOYOTA 23670-0R090 TOYOTA 23670-0R091 TOYOTA 23670-26060	TOYOTA AVENSIS TOYOTA RAV 4 III TOYOTA RAV 4 IV TOYOTA VERSO
KG3P005	G3P005	295900-0180 295900-0430	DCRI200430		TOYOTA 23670-0R100 TOYOTA 23670-0R101 TOYOTA 23670-26070 TOYOTA 23670-26071	TOYOTA AURIS TOYOTA AVENSIS TOYOTA COROLLA TOYOTA RAV 4 IV

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

					TOYOTA 23670-29115 TOYOTA 23670-29116	TOYOTA VERSO
KG3P008	G3P008		DCRI200280		TOYOTA 23670-30450 TOYOTA 23670-30455	TOYOTA HILUX
KG3P012	G3P012	29500-0270			TOYOTA 23670-30270	TOYOTA HILUX
KG3P016	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
KG3P017	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
KG3P020	G3P020	295900-0480	DCRI200480		TOYOTA 23670-51060 TOYOTA 23670-59045 LEXUS 23670-51060 LEXUS 23670-59045	TOYOTA LANDCRUISER TOYOTA LX

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

Denso nozzle 4th Generation



FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
KG4S008	G4S008	295700-0560			TOYOTA 23670-0E020	TOYOTA HILUX REVO
KG4S009	G4S009	295700-0550			TOYOTA 23670-0E010	TOYOTA HILUX
KG4S011	G4S011	295700-0140			HYUNDAI 33800-4A900	
KG4S012	G4S012				MAZDA S550-13H50	MAZDA CX 5 MAZDA 6
KG4S016	G4S016	295700-0101			1 J508-53053	
KG4S023	G4S023				GM 12678992	
KG4S039	G4S039	295700-0820			HYUNDAI 33800-4C930 HYUNDAI 33800-4C940	
KG4S054	G4S054				898399-6180	TOYOTA HILUX
KG4S060	G4S060				TOYOTA 23670-0E070	
KG4S070	G4S070				TOYOTA 23670-0E060	
KG4S073	G4S073				TOYOTA 23670-52010 TOYOTA 23670-59065	TOYOTA LANDCRUISER

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

Denso nozzle (1st and 2nd Generation) geometric features

FIRAD code	DENSO® Stamping	Engine angle	Spray angle	Holes	Needle diameter
ALLA125P889-J	DLLA125P889	0°	125°	6 x 0,200	**4,00**
ALLA127P944-J	DLLA127P944	14°	127°	5 x 0,180	**4,00**
ALLA127P945-J	DLLA127P945	14°	127°	5 x 0,155	**4,00**
ALLA127P1098-J	DLLA127P1098	14°	127°	5 x 0,190	**4,00**
ALLA129P890-J	DLLA129P890	0°	129°	6 x 0,185	**4,00**
ALLA129P983-J	DLLA129P983	0°	129°	6 x 0,190	**4,00**
ALLA133P814-J	DLLA133P814	0°	133°	6 x 0,175	**4,00**
ALLA133P888-J	DLLA133P888	0°	133°	5 x 0,185	**4,00**
ALLA138P934-J	DLLA138P934	0°	138°	6 x 0,305	**4,00**
ALLA139P851-J	DLLA139P851	0°	139°	6 x 0,175	**4,00**
ALLA139P887-J	DLLA139P887	0°	139°	6 x 0,170	**4,00**
ALLA139P925-J	DLLA139P925	0°	139°	6 x 0,165	**4,00**
ALLA142P793-J	DLLA142P793	0°	142°	6 x 0,225	**4,00**
ALLA142P852-J	DLLA142P852	0°	142°	6 x 0,245	**4,00**
ALLA143P761-J	DLLA143P761	0°	143°	6 x 0,280	**4,00**
ALLA144P690-J	DLLA144P690	0°	144°	7 x 0,160	**4,00**
ALLA145P684-J	DLLA145P684	0°	145°	6 x 0,195	**4,00**
ALLA145P748-J	DLLA145P748	0°	145°	6 x 0,215	**4,00**
ALLA145P864-J	DLLA145P864	0°	145°	6 x 0,145	**4,00**
ALLA145P870-J	DLLA145P870	0°	145°	6 x 0,150	**4,00**
ALLA145P875-J	DLLA145P875	0°	145°	6 x 0,160	**4,00**
ALLA145P1024-J	DLLA145P1024	0°	145°	6 x 0,140	**4,00**
ALLA145P1031-J	DLLA145P1031	0°	145°	7 x 0,155	**4,00**
ALLA145P1049-J	DLLA145P1049	0°	145°	8 x 0,210	**4,00**
ALLA145P1091-J	DLLA145P1091	0°	145°	8 x 0,190	**4,00**
ALLA146P768-J	DLLA146P768	15°	146°	6 x 0,1875	**4,00**
ALLA147P747-J	DLLA147P747	0°	147°	6 x 0,135	**4,00**
ALLA147P962-J	DLLA147P962	0°	147°	8 x 0,110	**4,00**
ALLA148P763-J	DLLA148P763-J	0°	148°	8 x 0,185	**4,00**
ALLA148P764-J	DLLA148P764	0°	148°	7 x 0,200	**4,00**
ALLA148P765-J	DLLA148P765	0°	148°	6 x 0,180	**4,00**
ALLA148P800-J	DLLA148P800	0°	148°	6 x 0,165	**4,00**

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

FIRAD code	DENSO® Stamping	Engine angle	Spray angle	Holes	Needle diameter
ALLA148P816-J	DLLA148P816	0°	148°	7 x 0,150	**4,00**
ALLA148P817-J	DLLA148P817	0°	148°	6 x 0,120	**4,00**
ALLA148P826-J	DLLA148P826	0°	148°	7 x 0,160	**4,00**
ALLA148P872-J	DLLA148P872	0°	148°	8 x 0,155	**4,00**
ALLA148P915-J	DLLA148P915	0°	148°	6 x 0,225	**4,00**
ALLA148P924-J	DLLA148P924	0°	148°	7 x 0,125	**4,00**
ALLA148P932-J	DLLA148P932	0°	148°	8 x 0,125	**4,00**
ALLA149P786-J	DLLA149P786	18	149°	8 x 0155	**4,00**
ALLA149P1036-J	DLLA149P1036	3°30'	149°	7 x 0,190	**4,00**
ALLA150P24-J	DLLA150P24	15°	150°	5 x 0,250	**4,00**
ALLA150P59-J	DLLA150P59	19°	150°	4 x 0,300	**4,00**
ALLA150P61-J	DLLA150P61	15°	150°	4 x 0,280	**4,00**
ALLA150P815-J	DLLA150P815	0°	150°	6 x 0,115	**4,00**
ALLA150P835-J	DLLA150P835	0°	150°	6 x 0,200	**4,00**
ALLA150P866-J	DLLA150P866	16°	150°	6 x 0,170	**4,00**
ALLA150P914-J	DLLA150P914	12°	150°	6 x 0,170	**4,00**
ALLA150P927-J	DLLA150P927	0°	150°	8 x 0,170	**4,00**
ALLA150P991-J	DLLA150P991	0°	150°	6 x 0,225	**4,00**
ALLA150P1052-J	DLLA150P1052	12°	150°	8 x 0,190	**4,00**
ALLA150P1059-J	DLLA150P1059	16°	150°	6 x 0,170	**4,00**
ALLA150P1113-J	DLLA150P1113	0°	150°	6 x 0,150	**4,00**
ALLA151P771-J	DLLA151P771	0°	151°	5 x 0,215	**4,00**
ALLA152P69-J	DLLA152P69		152°	5 x 0,300	**4,00**
ALLA152P798-J	DLLA152P798	0°	152°	6 x 0,195	**4,00**
ALLA152P805-J	DLLA152P805	0°	152°	6 x 0,130	**4,00**
ALLA152P862-J	DLLA152P862	0°	152°	6 x 0,145	**4,00**
ALLA152P865-J	DLLA152P865	0°	152°	8 x 0,190	**4,00**
ALLA152P879-J	DLLA152P879	0°	152°	6 x 0,120	**4,00**
ALLA152P929-J	DLLA152P929	0°	152°	8 x 0,215	**4,00**
ALLA152P947-J	DLLA152P947	0°	152°	8 x 0,150	**4,00**
ALLA152P980-J	DLLA152P980	0°	152°	6 x 0,140	**4,00**
ALLA152P981-J	DLLA152P981	0°	152°	6 x 0,135	**4,00**
ALLA152P989-J	DLLA152P989	0°	152°	8 x 0,140	**4,00**
ALLA152P1072-J	DLLA152P1072	0°	152°	8 x 0,125	**4,00**
ALLA152P1097-J	DLLA152P1097	0°	152°	8 x 0,190	**4,00**
ALLA153P884-J	DLLA153P884	0°	153°	7 x 0,110	**4,00**

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

FIRAD code	DENSO® Stamping	Engine angle	Spray angle	Holes	Needle diameter
ALLA153P885-J	DLLA153P885	0°	153°	7 x 0,120	**4,00**
ALLA153P958-J	DLLA153P958	0°	153°	9 x 0,145	**4,00**
ALLA155P1030-J	DLLA155P1030	0°	153°	7 x 0,145	**4,00**
ALLA155P1044-J	DLLA155P1044	0°	155°	6 X 0,165	**4,00**
ALLA154P669-J	DLLA154P669	0°	154°	5 x 0,240	**4,00**
ALLA154P881-J	DLLA154P881	0°	154°	6 x 0,135	**4,00**
ALLA155P16-J	DLLA155P16	16°	155°	5 x 0,260	**4,00**
ALLA155P84-J	DLLA155P84	17°	155°	5 x 0,280	**4,00**
ALLA155P683-J	DLLA155P683	0°	155°	6 x 0,245	**4,00**
ALLA155P753-J	DLLA155P753	0°	155°	7 x 0,155	**4,00**
ALLA155P767-J	DLLA155P767	0°	155°	6 x 0,160	**4,00**
ALLA155P818-J	DLLA155P818	0°	155°	8 x 0,125	**4,00**
ALLA155P840-J	DLLA155P840	0°	155°	6 x 0,160	**4,00**
ALLA155P842-J	DLLA155P842	0°	155°	6 x 0,205	**4,00**
ALLA155P848-J	DLLA155P848	0°	155°	6 x 0,170	**4,00**
ALLA155P856-J	DLLA155P856	0°	155°	7 x 0,185	**4,00**
ALLA155P863-J	DLLA155P863	0°	155°	8 x 0,125	**4,00**
ALLA155P876-J	DLLA155P876	0°	155°	9 x 0,105	**4,00**
ALLA155P880-J	DLLA155P880	0°	155°	8 x 0,125	**4,00**
ALLA155P939-J	DLLA155P939	0°	155°	8 x 0,105	**4,00**
ALLA155P941-J	DLLA155P941	0°	155°	6 x 0,140	**4,00**
ALLA155P960-J	DLLA155P960	0°	153°30’	9 x 0,100	**4,00**
ALLA155P965-J	DLLA155P965	0°	155°	8 x 0,195	**4,00**
ALLA155P970-J	DLLA155P970	0°	155°	9 x 0,110	**4,00**
ALLA155P971-J	DLLA155P971	0°	155°	9 x 0,100	**4,00**
ALLA155P985-J	DLLA155P985	0°	155°	8 x 0,130	**4,00**
ALLA155P1025-J	DLLA155P1025	0°	155°	8 x 0,130	**4,00**
ALLA155P1044-J	DLLA155P1044	0°	155°	6 x 0,165	**4,00**
ALLA155P1062-J	DLLA155P1062	0°	155°	8 x 0,125	**4,00**
ALLA155P1090-J	DLLA155P1090	19°	155°	7 x 0,175	**4,00**
ALLA156P799-J	DLLA156P799	0°	156°	6 x 0,180	**4,00**
ALLA156P910-J	DLLA156P910	0°	156°	6 x 0,145	**4,00**
ALLA157P855-J	DLLA157P855	0°	157°	6 x 0,150	**4,00**
ALLA157P969-J	DLLA157P969	0°	157°	6 x 0,150	**4,00**
ALLA158P834-J	DLLA158P834	0°	158°	8 x 0,210	**4,00**
ALLA158P844-J	DLLA158P844	0°	158°	7 x 0,145	**4,00**

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

FIRAD code	DENSO® Stamping	Engine angle	Spray angle	Holes	Needle diameter
ALLA158P854-J	DLLA158P854	0°	158°	7 x 0,160	**4,00**
ALLA158P909-J	DLLA158P909	0°	158°	8 x 0,200	**4,00**
ALLA158P984-J	DLLA158P984	0°	158°	7 x 0,160	**4,00**
ALLA158P1096-J	DLLA158P1096	0°	158°	7 x 0,160	**4,00**
ALLA158P1092-J	DLLA158P1092	0°	158°	7 x 0,145	**4,00**
ALLA160P3-J	DLLA160P3	16°	160°	5 x 0,285	**4,00**
ALLA160P50-J	DLLA160P50	16°	160°	5 x 0,280	**4,00**

Denso nozzle 3rd Generation

geometric features (Ø 3,50 mm)

FIRAD code	DENSO® Stamping	Engine angle	Spray angle	Holes	Needle diameter
ALLA129G3S17	G3S17	0°	129°	6 x 0,175	**3,50**
ALLA133G3S19	G3S19	0°	133°	6 x 0,135	**3,50**
ALLA134G3S18	G3S18	0°	134°	6 x 0,155	**3,50**
ALLA144G3S32	G3S32	0°	144°	8 x 0,140	**3,50**
ALLA144G3S33	G3S33	0°	144°	6 x 0,140	**3,50**
ALLA145G3S45	G3S45	0°	145°	7 x 0,145	**3,50**
ALLA145G3S50	G3S50	0°	145°	7 X 0,145	**3,50**
ALLA146G3S11	G3S11	0°	146°	7 X 0,155	**3,50**
ALLA146G3S53	G3S53	0°	146°	8 x 0,140	**3,50**
ALLA146G3S112	G3S112	0°	146°	8 x 0,145	**3,50**
ALLA148G3S77	G3S77	0°	148°	8 x 0,125	**3,50**
ALLA150G3S7	G3S7	0°	150°	6 x 0,125	**3,50**
ALLA151G3S10	G3S10	0°	151°	8 x 0,150	**3,50**
ALLA151G3S79	G3S79	0°	151°	6 x 0,225	**3,50**
ALLA151G3S93	G3S93	0°	151°	8 x 0,210	**3,50**
ALLA152G3S37	G3S37	0°	152°	8 x 0,140	**3,50**
ALLA152G3S51	G3S51	0°	152°	8 x 0,160	**3,50**
ALLA152G3S56	G3S56	18°	152°	6 x 0,160	**3,50**
ALLA152G3S82	G3S82	0°	152°	8 x 0,140	**3,50**
ALLA152G3S92	G3S92	0°	152°	6 x 0,140	**3,50**

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

FIRAD code	DENSO® Stamping	Engine angle	Spray angle	Holes	Needle diameter
ALLA153G3S48	G3S48	0°	153°	7 x 0,120	**3,50**
ALLA153G3S41	G3S41	0°	153°	7 x 0,135	**3,50**
ALLA153G3S103	G3S103	0°	153°	8 x 0,135	**3,50**
ALLA153G3S120	G3S120	18°	153°	6 x 0,160	**3,50**
ALLA153G3S127	G3S127	18°	153°	7 x 0,165	**3,50**
ALLA154G3S6	G3S6	0°	154°	8 x 0,125	**3,50**
ALLA154G3S43	G3S43	0°	154°	8 x 0,110	**3,50**
ALLA154G3S47	G3S47	0°	154°	8 x 0,115	**3,50**
ALLA154G3S99	G3S99	0°	154°	8 x 0,190	**3,50**
ALLA158G3S91	G3S91	0°	158°	7 x 0,160	**3,50**

Denso nozzle 4th Generation

FIRAD code	DENSO® Stamping	Engine angle	Spray angle	Holes	Needle diameter
//	G4S011	0°	150°	8 x 0,125	**4,00**
//	G4S016	0°	150°	7 x 0,135	**4,00**
//	G4S009	0°	155°	9 x 0,110	**4,00**
//	G4S023	0°	155°	8 x 0,130	**4,00**
//	G4S054	0°	155°	8 x 0,130	**4,00**
//	G4S008	0°	156°	8 x 0,100	**4,00**
//	G4S070	0°	158°	9 x 0,250	**4,00**
//	GCF1	0°	146°	8 x 0,140	**4,00**

Denso piezoelectric nozzle 2nd Generation

FIRAD code	DENSO® Stamping	Engine angle	Spray angle	Holes	Needle diameter
ALLA154G2P1	G2P1	0°	154°	10 x 0,135	**4,00**
ALLA156G2P3	G2P3	0°	156°	10 x 0,130	**4,00**

OEM CODES AND PARTS NUMBERS ARE GIVEN FOR REFERENCE PURPOSE ONLY

Denso piezoelectric nozzle 3rd Generation

FIRAD code	DENSO® Stamping	Engine angle	Spray angle	Holes	Needle diameter
//	G3P004	0°	152°	9 x 0,10	**4,00**
//	G3P012	0°	152°	10 x 0,120	**4,00**
//	G3P016	0°	152°	9 x 0,10	**4,00**
//	G3P005	0°	154°	9 x 0,09	**4,00**
//	G3P017	0°	154°	9 x 0,09	**4,00**
//	G3P020	0°	155°	8 x 0,105	**4,00**

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