

**THE HIGHEST PRECISION FOR DIESEL**



**WUZELEM**

**MANUFACTURER OF NOZZLES**

**PRODUCT RANGE**

**WUZELEM**

SINCE 1951



**THE HIGHEST PRECISION FOR DIESEL**



**NOZZLES FOR BOSCH  
PIEZO INJECTORS END  
DD 15 ENGINES**

WEZETEM regularly manufactures new products. At the moment, it has developed a technology to manufacture nozzles for Bosch Piezo injectors and Detroit Diesel engines types DD15.

We already offer nozzle to fuel injector based on this technology:

### **BOSCH PIEZO - nozzles**

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
PF00VX50038	F00VX50038	0 445 120 104 0 445 120 207	Chevrolet Silverado 3500 6.6l (2000-2004)
PF00VX40060	F00VX40060	0 445 117 015; 0 445 117 016; 0 445 117 023; 0 986 435 415	Ford F250/350 6.7L 2011-2016
PF00VX40115	F00VX40115	0 445 117 040 0 445 117 043 0 986 435 433	Ford F250/350/550/650/750 6.7L

### **G 2.8 NAVISTAR – nozzles**

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
POL6045A	CV0802P150	1878284C91; 1844751C2; 1845150C92; 1846692C92; 1877748C1; 1878285C91; 1879998C91; 1878281C92; 1843089C91; 1845150C92; 1845879C91; 1878282C91	E350 E450 VT365 6.0L (Nominal)
POL6045+100			E350 E450 VT365 6.0L (+100% outflow)
POL6045+150			E350 E450 VT365 6.0L (+150% outflow)
POL6045+30			E350 E450 VT365 6.0L (+30% outflow)
POL6045+75			E350 E450 VT365 6.0L (+75% outflow)

## G 2.9 NAVISTAR – nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
POL2918N-18	CV0803P150	1848718C91; 1848718C94	MaxxForce DT: 210HP to 300HP 2007-2010
POL2918N-21		1848721C94; 1848721C91	MaxxForce 9: 300HP to 330HP 2007-2010 MaxxForce 10: 310HP to 350HP 2007-2010
POL2918N-76		1842576C91	DT 466: 210HP to 225HP 2004-2005
POL2918N-76		1842576C94	
POL2918N-77		1842577C91	DT 466: 245HP to 285HP 2004
POL2918N-77		1842577C94	DT 466: 210HP to 285HP 2005
POL2918N-78		1842578C91	DT 570: 285HP to 330HP 2004-2005
POL2918N-78		1842578C95	
POL2918N-79		1842579C91	DT 570: 295HP to 340HP 2004-2005
POL2918N-79		1842579C95	
POL2918N-89		1848489C91	DT 466: 210HP to 285HP 2005-2007
POL2918N-89		1848489C92	
POL2918N-92		1848492C91	DT 570: 285HP to 330HP 2005-2007
POL2918N-92		1848492C92	
POL2918N-95		1848495C91	DT 466: 295HP to 340HP 2005-2007
POL2918N-95		1848495C92	

## SIEMENS PIEZO 6,4 L – nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
POL64P0810	M0006P154	1875072C91	F250 Superduty 6.4L (2008-2010) (Nominal)
POL64P0810C			F250 Superduty 6.4L (2008-2010) (DLC Cover)
POL640810+100			F250 Superduty 6.4L (2008-2010) (+100% outflow)
POL640810+15			F250 Superduty 6.4L (2008-2010) (+15% outflow)
POL640810+30			F250 Superduty 6.4L (2008-2010) (+30% outflow)
POL640810+60			F250 Superduty 6.4L (2008-2010) (+60% outflow)



## DURAMAX 6.6 L - nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
PDSLA158P974+	0 433 175 275	0 445 120 008	Chevrolet Silverado 3500 6.6l (2000-2004)
PDLLA158P1385	0 433 171 860	0 445 120 027	Chevrolet Silverado 3500 6.6l GMC; Sierra 2500 HD 6.6l (2003-2006)

## CUMMINS 5,9 L – nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
PDSLA143P5519	0 433 175 519	0 445 120 255	Dodge Ram 1500 / 2500 5.9L (2003-2004)
PDSLA124P5516	0 433 175 516	0 445 120 208; 0 445 120 238	Dodge Ram 2500 / 3500 / 4500 / 5500 6.6L (2003-2004)

## HUEI 7,3 L – nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
PDLLA150PM507	DPE 41507/31	1824740C1	DT466E: 195 HP to 230 HP (ST)
3037041 BG/BJ	DPE 41006/31	1830094C92; 1830570C92; 1830571C2; 1830572C93	DT466E: 230HP to 250HP 1997-1999 I530E: 230HP to 300HP 1999
		1830573C2; 2593596C91	DT466E: 230HP to 250HP 1997-1999 I530E: 230HP to 300HP 1999
3037045 BN	DPE 41026/31	1830691C1; 1830692C91; 1830693C1; 1830694C93; 2593597C91	DT530: 250HP to 340HP 2000-2003 HT530: 250HP to 340HP 2000-2003
3037047 BI	DPE 41016/31	1830559C91; 1830560C2; 1830561C92; 1830562C2; 1830740C92; 1830741C92; 2593594C91; 2593595C91	DT466E: 175HP to 250HP 1999 DT466: 175HP to 250HP 2000-2003
3037049 BP	DPE 41036/31	1836250C1; 1836251C91; 1836252C91; 1836253C1	DT466 Transit 2000-2003
3037102 V8 AA-AF	DPE 41007/31	1833640C1; 1833641C1	T444E 1997-2000
3037104 BC/BE	DPE 41005/31	1824839C94; 1829336C1; 1829837C2; 1829838C94; 1829839C93; 1829926C2; 2593592C91	DT466E: 195HP to 230HP 1995-1997 DT466E: 175HP to 190HP 1997-1999
3037105 BD	DPE 41035/31	1824741C2; 1824744C94; 1824920C2; 1824931C94; 2593591C91;	I530E: 250HP to 300HP 1995-1997
3037106 BF	DPE 41045/31	1830145C91; 1830146C94; 1830147C2; 1830148C2; 2593593C91	
3037107 BA	DPE 41025/31	181934C1; 1819834C1	DT466E: 230HP to 250HP 1995-1997
3037107 BA	DPE 41025/31	1823736C94; 1824917C2; 1824928C94; 2593588C91	

## DENSO ISUZU – nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
PDLLA158P854D	093400-8540	095000-5470	Isuzu 4HK1 8-97329703 6HK1 8-97329703 7.8l; 4HK1 8-97329703 6HK1 8-97329703 5.2l
PDLLA155P936D	093400-9360	095000-6390	Isuzu GM T8500 C8500 W3500 W4500 W5500 W5500HD FXR HXR NPR NPR-HD NQR NRR (2007-2010)
PDLLA156P846D	093400-8460	095000-5360	Isuzu 6HK1 6H04 FRR FSR FTR FVR FSS 7.8l
PDLLA156P845D	093400-8450	095000-5350	Isuzu 7.8L Engine Model: 6HK1 Vehicle Model: GM 560
PDLLA155P935D	093400-9350	095000-6380	Isuzu 6HK1

## DENSO JOHN DEERE – nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
PDLLA149P1036D	093400-1036	095000-7560	John Deere <b>8.1l</b>
PDLLA127P944D	093400-9440	095000-6310	John Deere 6830SE RE530362-RE531209
PDLLA139P887D	093400-8870	095000-6490	John Deere 7430 RE524382-RE529118
PDLLA125P889D	093400-8890	095000-6480	John Deere 3520 3530 8530 RE529149
PDLLA129P890	093400-8900	095000-647	John Deere Tractor S450 2006-...
PDLLA129P983	093400-9830	095000-6880	John Deere 6.8L, 4.5L HPCR
PDLLA133P814D	093400-8140	095000-5050	John Deere 6320 6420 6420S 6520 6620 6820 6920 6920S 7720 7820 7920 4720 624J 643J 843J 643K 670C 670CH 672CH 9540WTS 9560WTS 9580WTS 9540I 9540IWTS 9550 9550SH 9560 9560SH 670D 843K 643K 1200 670C

## DETROIT DIESEL SERIES 53, 71, 92 – nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
G-9026	5229026	5D45, 6815, 5D50, N55, 7E55	DD 53, 71
G-9030	5229030	7E65, 5A50, 5A55, 5E50	DD 53, 71
G-9034	5229034	C40, M40, N40	DD 53
G-9184	5229184	7005, 9200, DN115	DD 53, 92
G-9192	5229192	M60, 7N65, 5A72, 5N65	DD 53
G-9256	5229256	7015, 7N95, M95, N80, N90	DD 71
G-9516	5229516	7025, 7040, 7255, 9210, 9A31	DD 92
G-9622	5229622	9A80, 9A85, 9A98, 9D95	DD 92
G-9636	5229636	9S80, 7A70, 7A75, 7C70, 7G70	DD 71, 92
G-9642	5229642	9E65, 7E75, 9E65, 7A50, 9S65	DD 71, 92
G-9806	5229806	9B70, 9B75, 9C70, 9C85	DD 92
G-6272	5226272	7030	DD 92
G-6438 9-6	5226438	9G85, 9G90	DD 92
G-9066	5229066	7015, 7N95, M95, N80, N90	DD 71
G-6404 7-6	5226404	5A68, 5C50, 5C55, 5C60, 5F55	DD 53
GSL-9636	5229636	7A65, 7C70, 7G65, 7S65, 9F80	DD 71, 92
G-1701	10-		



## DETROIT DIESEL SERIES 53, 71, 92 - P&B

WUZETEM REF.	OE PART REF.	OE INJECTOR REF.	ENGINE - APPLICATION
G8101	5228101	HV8, S80	DD 53, 71
G8304	5228304	HV7, S70	DD 53, 71
G8306	5228306	HE6, 6S8, S60	DD 53, 71
G8495	5228495	45, S45	DD 53, 71
G8656	5228656	5A60, 9E60, N60	DD 53, 71, 92
G8658	5228658	N75, 7020, 7C75	DD 71
G8661	5228661	M65, N80	DD 71
G8668	5228668	5N65, N55	DD 53, 71
G8682	5228682	N70, 5A72, HN65, 7C70	DD 53, 71
G8684	5228684	5N45, N45	DD 53
G8749	5228749	N50, M50, M60, 71N5	DD 53, 71
G8928	5228928	N65	DD 71
G9346	5229346	B55, C45	DD 53, 71
G9354	5229354	C50, B60, 71C5	DD 53, 71
G9356	5229356	C55	DD 71
G9362	5229362	C60	DD 71
G9366	5229366	C65	DD 71
G9188	5229188	9270, 9B70	DD 92
G9282	5229282	9B75, 9275	DD 92
G9181	5229181	9A80, 9280, 9B80	DD 92
G9278	5229278	9B85, 9285, 9A85	DD 92
G9292	5229292	9A90, 9290, 9B90	DD 92
G9268	5229268	9E80, 9295, 6825	DD 71, 92
G9298	5229298	9E85, 7N95, 9210, 9A98, 9K85, 9200	DD 71, 92
G8804	5228804	M15, 7035, 7255, M95, 7015	DD 71, 92
G8878	5228878	N90	DD 71
G8691	5228691	N40	DD 53
G9342	5229342	71B5, C40	DD 53, 71
G9372	5229372	C70	DD 71
G9808	5229808	7A77, 7E75	DD 71
G8378	5228378	HV9	DD 53, 71
G6298	5226298	7N65	DD 71
G6392	5226392	5C60, 5E60	DD 53
G6422	5226422	5C55, 5E55, 5F55, 6815	DD 53
G9912	5229912	7G70, 9E65	DD 71, 92
G8126	5228126	HV55, S50	DD 53, 71
G8552	5228552	40, S40	DD 53, 71
G9608	5229608	M40	DD 53
G9776	5229776	5A55	DD 53

## DETROIT DIESEL SERIES 60 – nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
P6051-A1	60-400-D6	R-5235580, R-5236978	DD Series 50/60
P6051-A2	60-400-D5	R-5237042	
P6052-B1	60-300-C6	R-5236981	
P6052-B2	60-300-C5	R-5237099	
P6052-B3	60-300-C4	R-5235550, R-5236977	
P6052-B4	60-300-C3	R-5236347, R-5236980, R-5237045	
P6052-B5	60-300-C2	R-5235575, R-5237466	
P6052-B6	60-300-C1	R-5235915	
P6053-C1	60-100-B6	R-5234935, R-5235605, R-5237787	
P6053-C2	60-100-B5	R-5234870, R-5237635	
P6053-C3	60-100-B4	R-5234940	
P6054-D1	60-200-A6	R-5237650	
P6054-D2	60-200-A5	R-5235600, R-5237014, R-5237320	
P6054-D3	60-200-A4	R-5234970, R-5235695	
P6054-D4	60-200-A3	R-5234945	
P6054-D5	60-200-A2	R-5234795	

## GE Engines Nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
DTK15.A2 DTK123x1098	GE 123x1098	123x1110-2, 99/469	7 FOL-7FDL
DTK150.A1 LS196T - 123x1129	H150T40L814P4	123x1110-2, 99/469	7FDL

## CUMMINS CELECT SERIES – nozzles

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
BQ1101A	3411404	3411758, 3411401	M11; M11-E
BQ1102A	3095734	3411755	M11
BQ1103A	3095043	3095040, 3411753, 3045102	M11-330; M11; M11-330E
BQ1104A	3609925	3095731, 3411756, 3609922, 3166395, 3411764, 3088178, 3411754, 3087772	N14-480CE; 525; 525C; 525E; 526CE; M11-ISM-335; ISM335; ISM-425; M11-330E; M11; N14-525; N14-525CE; MTA11; M11-350
BQ1105A	3609861	3411759, 3083846, 3087560, 3087733	N14-330P; N14
BQ1106A	3411694	3409975, 3411691, 3411766, 3411762	N14; NTA14-E
BQ1107B	3084592	3087557, 3411752, 3084589, 3087772, 3411754	M-11-250E; 280E; 310; 330; 330C; 330E; 335E; M11-370 350; 380E; M11-280E; M11; ESP315/330E; M11-400E
BQ1108B	3076071	3070739, 3652541, 3081314, 3073995, 3081315, 3652542	N14; N14-310E; N14-460E; 430E; N14-330E; N14-410E; N14-370E; N14-350E
BQ1109B	3411690	3087807, 3411381, 3411761, 3411765	N14-310E; N14-310; N14
BQ1110B	3609852	3087807, 3411381, 3411761, 3411765, 3411762, 3409975, 3411691, 3411766	N14-310E; N14-310; N14; NTA14-E
BQ1111B	3609855	3083848, 3087734, 3411760, 3087558, 3087737, 3411767, 3411385	NTA14-E; N14-435E; N14- 500E; N14-350; N14; N14-410
BQ1112C	3079963	3652540, 3081318, 3073996	L10
BQ1113C	3411388	3411385, 3411767, 3087558, 2411767	NTA14-E; N14
BQ1114C	3088175	3088178, 3411764, 3411763, 3087788, 3087556, 3095086	N14-480CE; 525; 525C; 525E; 526CE; N14-525; N14-525CE; N14 ; N14-500E
BQ1115D	3076072	3079552, 3652516, 3076029, 3071534, 3070551, 3081317, 3076029, 3073905, 3074913, 3076471, 3079552, 3081319, 3076240, 3080930, 3083849	L10; L10370E
BQ1116E	4908174	4928171	ISM
BQ1117F	4061854	4061851	M11; QSM; ISM
BQ1118F	4026225	4026222, 3609922, 3411756	M11-335
BQ1125F	4902924	4902921	M11
BQ1142F	4902928	4902925	M11; ISM

**ELECTROMOTIVE DIESEL ENGINES SERIES****567-645-710 - P&B**

WUZETEM REF.	OE PART REF.	OE INJECTOR REF.	ENGINE - APPLICATION
EM 7853	5227853	5228815	567 A, B, BC, C
EM 8236	5228236	5228540	16-567 C, D1
EM 8574	5228574	5228605	567, D3, D3A
EM 8894	5228894	5228895	645E3 Thru E9
EM 9011	5229011	5229320	8, 16-645E3A,8, 20-645E3B
EM 9705	5229705	5229710	16-645E3A, E3B(F40PH, F40PH-2),12, 16-645F3
EM 6464	5226464	5226210	8, 12, 16-645F3B
EM 6128	5226128	5226700	12, 16-710G3
EM 7003	5227003	5227000	16-710G3A (12-710G3 F69PH)

**ELECTROMOTIVE DIESEL ENGINES SERIES****567-645-710 – nozzles**

WUZETEM REF.	OE NOZZLE REF.	OE INJECTOR REF.	ENGINE - APPLICATION
EM 9230	5229230	5229250	12, 16, 20-645E3 TURBOCHARGED, 16-645D2, D3, D3A
EM 9235	5229235	5229295	567, A, B, AC, BC, 12-567C AT 800 RPM
EM 9265	5229265	5229320	8, 16-645E3A,8, 20-645E3B
EM 9270	5229270	5229325	12-645E4B, 12, 16, 20-645E4, 20-645E4B, E7-750 RPM or LESS
EM 9275	5229275	5229710	16-645E3A, E3B(F40PH, F40PH-2),12, 16-645F3
EM 9195	5229195	5229300	
EM 9260	5229260	5229290	
EM 9330	7-012-150		
EM 9250	6-0134-150		
EM 7001	5227001		
EM 6131	5226131		
EM 5641	5235641		



