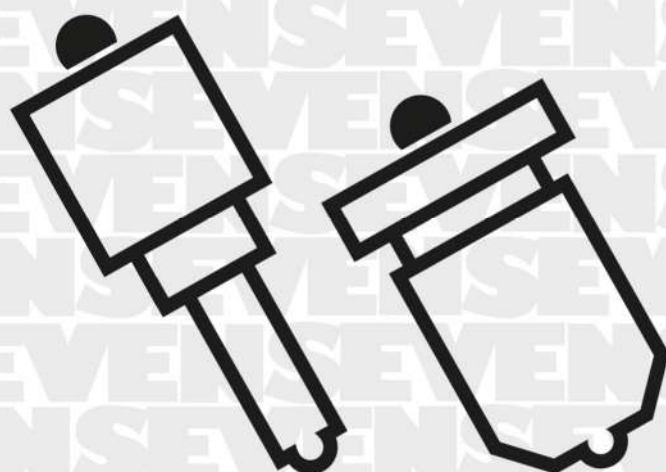




CATALOGUE

AUTOMOTIVE AND LARGE ENGINES
NOZZLES AND PARTS

2025/02



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CP = flow tested nozzle with EDM holes

DLC (Diamond-Like Carbon) = needle with special black coating

D/A = two diameter needle

Important notice. All the parts herein are manufactured by Seven Diesel S.p.A.. Other manufacturer's names, symbols, code numbers are quoted for reference purposes only and do not imply that any part listed in this catalogue is the product of these manufacturers. Our products have no concern with genuine products and are not certified by IMO.

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|----------|----------|-------------|----|-----|-----|----------------|-------------|
|----------|----------|-------------|----|-----|-----|----------------|-------------|

American Bosch

| | | | | | | | |
|----------|----------------|----------------|--|--|--|---------------|--------|
| 77963 | ADB150S 103 | | | | | 4x0,33x150° | Nozzle |
| 77970 | ADB35S 124-7 | | | | | 1x0.45+1x0.40 | Nozzle |
| 77971 | ADB135S 126-7 | | | | | 8x0,28x135° | Nozzle |
| 77976 | ADB155S 153-6 | | | | | 5x0,33x155° | Nozzle |
| 77977 | ADB155S 153-7 | | | | | 5x0,32x155° | Nozzle |
| 77978 | ADB150S 155-6 | | | | | 5x0,27x150° | Nozzle |
| 77981 | ADB30S 156-7 | | | | | 1x0.69x30° | Nozzle |
| 77987 | ADB135S 194-12 | | | | | 8x0,29x135° | Nozzle |
| NAB10421 | ADL157TM 821-6 | | | | | 9x0,35x157° | Nozzle |
| NAB10422 | ADL157TM 822-6 | | | | | 9x0,375x157° | Nozzle |
| NAB10427 | ADL145TM 827-6 | 123x1053 | | | | 9x0,375x145° | Nozzle |
| NAB10429 | ADL145TM 829-6 | 22310227-2 | | | | 9x0,35x145° | Nozzle |
| NAB10432 | ADL145TM 830-6 | | | | | 9x0,40x145° | Nozzle |
| NAB10436 | ADL145TM 836-6 | H145T32K648 | | | | 9x0,325x145° | Nozzle |
| NAB10440 | ADL160TM 840-6 | H160T37K904AP7 | | | | 9x0,375x160° | Nozzle |
| NAB10442 | ADL160TM 842-6 | 22310234 | | | | 9x0,325x160° | Nozzle |

Belarus-Kamaz

| | | | | | | | |
|--------|--------------|--------------|--|--|--|-------------|--------|
| 78000 | 11-1112110-A | BR 80 | | | | 4x0,29x128° | Nozzle |
| 78002 | H3TA | 16-1112110-A | | | | 3x0,35x130° | Nozzle |
| 78004 | 01-86-236 | | | | | 4x0,34x160° | Nozzle |
| 78005 | B3TA 5x0,32 | B3TA | | | | 5x0,32x121° | Nozzle |
| 780088 | 174-02 | 02.10 | | | | 5x0,34x123° | Nozzle |
| 780093 | 273-20 | | | | | 5x0,31x151° | Nozzle |
| 78010 | 19243 | | | | | 4x0,33x144° | Nozzle |
| 78011C | BR171-02 | 05.07.A3NN | | | | 5x0,39x124° | Nozzle |

Bendix

| | | | | | | | |
|----------|--------------|----------|--|--|--|--------|--------|
| NBX1098 | 10-9041360-1 | 123x1098 | | | | | Nozzle |
| NBX60032 | 10-328310 | 123x1052 | | | | 1x2,30 | Nozzle |
| NBX60101 | 10-83547-2 | 123x1009 | | | | 1x2.0 | Nozzle |

Bosch

| | | | | | | | |
|--------|------------|--------------|--|--|--|--|---------------|
| 40001 | DN4S 1 | 0434 200 001 | | | | | Pintle Nozzle |
| 400024 | DN4S 2 | 0434 200 002 | | | | | Pintle Nozzle |
| 400028 | DN8S 2 | 0434 200 012 | | | | | Pintle Nozzle |
| 40003 | DN8S 3 | 0434 200 013 | | | | | Pintle Nozzle |
| 40012 | DN12SD 12 | 0434 250 027 | | | | | Pintle Nozzle |
| 40021 | DN0SD 21 | 0434 250 001 | | | | | Pintle Nozzle |
| 40024 | DN4SD 24 | 0434 250 014 | | | | | Pintle Nozzle |
| 40126 | DN0SD 126 | 0434 250 002 | | | | | Pintle Nozzle |
| 40130 | DN0SD 130 | 0434 250 004 | | | | | Pintle Nozzle |
| 40138 | DN8S 138 | 0434 200 998 | | | | | Pintle Nozzle |
| 40156 | DN15S 156 | 0434 200 021 | | | | | Pintle Nozzle |
| 40165 | DN0SD 165 | 0434 250 037 | | | | | Pintle Nozzle |
| 40174 | DN0SD 174 | 0434 250 046 | | | | | Pintle Nozzle |
| 40188 | DN0SD 189 | 0434 250 060 | | | | | Pintle Nozzle |
| 401891 | DN0SD 189/ | 0434 250 122 | | | | | Pintle Nozzle |
| 40193 | DN0SD 193 | 0434 250 063 | | | | | Pintle Nozzle |
| 40195 | DN0SD 195 | 0434 250 065 | | | | | Pintle Nozzle |
| 40197 | DN6S 197 | 0434 200 034 | | | | | Pintle Nozzle |
| 40211 | DN0SD 211 | 0434 250 009 | | | | | Pintle Nozzle |
| 40220 | DN0SD 220 | 0434 250 072 | | | | | Pintle Nozzle |
| 40221 | DN12SD 221 | 0434 250 090 | | | | | Pintle Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| Bosch | | | | | | | |
| 40230 | DN0SD 230 | 0434 250 077 | | | | | Pintle Nozzle |
| 40240 | DN0SD 240 | 0434 250 110 | | | | | Pintle Nozzle |
| 40242 | DN10S 242 | 0434 200 053 | | | | | Pintle Nozzle |
| 40248 | DN0SD 248 | 0434 250 105 | | | | | Pintle Nozzle |
| 402521 | DN0SD 252+ | 0434 250 134 | | | | | Pintle Nozzle |
| 402522 | DN0SD 252+/- | 0434 250 164 | | | | | Pintle Nozzle |
| 40256 | DN0SD 256 | 0434 250 114 | | | | | Pintle Nozzle |
| 40259 | DN0SD 259 | 0434 250 117 | | | | | Pintle Nozzle |
| 40261 | DN0SD 261 | 0434 250 120 | | | | | Pintle Nozzle |
| 40263 | DN0SD 263 | 0434 250 125 | | | | | Pintle Nozzle |
| 40264 | DN0SD 264 | 0434 250 127 | | | | | Pintle Nozzle |
| 40265 | DN0SD 265 | 0434 250 128 | | | | | Pintle Nozzle |
| 40267 | DN0SD 267 | 0434 250 130 | | | | | Pintle Nozzle |
| 40269 | DN0SD 269 | 0434 250 132 | | | | | Pintle Nozzle |
| 40272 | DN0SD 272 | 0434 250 137 | | | | | Pintle Nozzle |
| 40273 | DN0SD 273 | 0434 250 138 | | | | | Pintle Nozzle |
| 40274 | DN0SD 274 | 0434 250 139 | | | | | Pintle Nozzle |
| 40282 | DN0SD 282 | 0434 250 144 | | | | | Pintle Nozzle |
| 40286 | DN0SD 286 | 0434 250 148 | | | | | Pintle Nozzle |
| 402871 | DN0SD 287+ | 0434 250 157 | | | | | Pintle Nozzle |
| 40288 | DN0SD 288 | 0434 250 150 | | | | | Pintle Nozzle |
| 40289 | DN0SD 289 | 0434 250 156 | | | | | Pintle Nozzle |
| 40290 | DN12SD 290 | 0434 250 153 | | | | | Pintle Nozzle |
| 40292 | DN0SD 292 | 0434 250 154 | | | | | Pintle Nozzle |
| 40293 | DN0SD 293 | 0434 250 103 | | | | | Pintle Nozzle |
| 40294 | DN0SD 294 | 0434 250 155 | | | | | Pintle Nozzle |
| 40296 | DN12SD 296 | 0434 250 158 | | | | | Pintle Nozzle |
| 40297 | DN0SD 297 | 0434 250 159 | | | | | Pintle Nozzle |
| 40299 | DN0SD 299 | 0434 250 160 | | | | | Pintle Nozzle |
| 402991 | DN0SD 299A | 0434 250 171 | | | | | Pintle Nozzle |
| 402992 | DN0SD 299C | 0434 250 193 | | | | | Pintle Nozzle |
| 40300 | DN0SD 300 | 0434 250 161 | | | | | Pintle Nozzle |
| 40301 | DN0SD 301 | 0434 250 162 | | | | | Pintle Nozzle |
| 40302 | DN0SD 302 | 0434 250 163 | | | | | Pintle Nozzle |
| 403021 | DN0SD 302A | 0434 250 175 | | | | | Pintle Nozzle |
| 40306 | DN0SD 306 | 0434 250 167 | | | | | Pintle Nozzle |
| 40308 | DN0SD 308 | 0434 250 169 | | | | | 2 Springs Nozzle |
| 40309 | DN0SD 309 | 0434 250 170 | | | | | Pintle Nozzle |
| 40310 | DN0SD 310 | 0434 250 897 | | | | | Pintle Nozzle |
| 40314 | DN0SD 314 | 0434 250 176 | | | | | Pintle Nozzle |
| 40322 | DN0SD 322 | 0434 250 226 | | | | | Pintle Nozzle |
| 40510 | DN0SD 1510 | 0434 250 011 | | | | | Pintle Nozzle |
| 40750 | DN12SD 1750 | 0434 250 119 | | | | | Pintle Nozzle |
| 40930 | DN0SD 1930 | 0434 250 092 | | | | | Pintle Nozzle |
| 40940 | DN0SD 2110 | 0434 250 012 | | | | | Pintle Nozzle |
| 71000 | DLL132S 1 | 0433 220 013 | | | | 4x0,25x132° | Nozzle |
| 71001 | DLL150S 53 | 0433 270 020 | | | | 4x0,24x150° | Nozzle |
| 71002 | DLL150S 60 | 0433 220 033 | | | | 8x0,23x150° | Nozzle |
| 71004 | DLL110S 103 | 0433 270 004 | | | | 3x0,28x110° | Nozzle |
| 71005 | DLL160S 136 | 0433 270 039 | | | | 4x0,31x160° | Nozzle |
| 710054L | DLL160S 154 | 0433 270 041 | | | | 4x0,31x160° | Nozzle |
| 71006 | DLL140S 162 | 0433 220 020 | | | | 5x0,30x140° | Nozzle |
| 710075L | DLL150S 184 | 0433 220 058 | | | | 6x0,31x150° | Nozzle |
| 710076L | DLL150S 188 | 0433 220 060 | | | | 7x0,26x150° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 71008 | DLL160S 202 | 0433 220 067 | | | | 7x0,32x160° | Nozzle |
| 71009 | DLL150S 211 | 0433 220 063 | | | | 4x0,29x150° | Nozzle |
| 71010 | DLL140S 217 | 0433 220 065 | | | | 4x0,31x140° | Nozzle |
| 71011 | DLL150S 219 | 0433 220 064 | | | | 5x0,35x150° | Nozzle |
| 71012 | DLL50S 226 | 0433 220 066 | | | | 3x0,36+2x0,25 | Nozzle |
| 71013 | DLL140S 248 | 0433 220 073 | | | | 4x0,20x140° | Nozzle |
| 71014 | DLL145S 258 | 0433 270 071 | | | | 4x0,35x145° | Nozzle |
| 71015 | DLL160S 267 | 0433 270 076 | | | | 4x0,28x150° | Nozzle |
| 710155 | DLL50S 278 | 0433 220 078 | | | | 3x0,44+2x0,32 | Nozzle |
| 71016 | DLL120S 285 | 0433 220 079 | | | | 6x0,42x120° | Nozzle |
| 71017 | DLL145S 317 | 0433 270 086 | | | | 4x0,36x145° | Nozzle |
| 71018L | DLL160S 336 | 0433 220 087 | | | | 4x0,34x160° | Nozzle |
| 710197 | DLL160S 343 | 0433 220 091 | | | | 6x0,41x160° | Nozzle |
| 710198 | DLL150S 344 | 0433 220 092 | | | | 8x0,37x150° | Nozzle |
| 71020 | DLL160S 346 | 0433 220 093 | | | | 9x0,42x160° | Nozzle |
| 710202C | DLL150S 348 | 0433 220 095 | | | | 4x0,39x150° | Nozzle |
| 710217 | DLL120S 352 | 0433 220 097 | | | | 6x0,36x120° | Nozzle |
| 71022 | DLL18S 353 | 0433 270 102 | | | | 1x0,57x18° | Nozzle |
| 71025 | DLL35S 364 | 0433 270 106 | | | | 1x0,72x35° | Nozzle |
| 71027 | DLL150S 393 | 0433 270 114 | | | | 4x0,30x150° | Nozzle |
| 71028 | DLL150S 405 | 0433 270 116 | | | | 4x0,40x150° | Nozzle |
| 71029 | DLL150S 406 | 0433 270 117 | | | | 4x0,30x150° | Nozzle |
| 71030 | DLL18S 418 | 0433 270 121 | | | | 1x0,61x18° | Nozzle |
| 71032 | DLL140S 446 | 0433 220 109 | | | | 4x0,39x140° | Nozzle |
| 71033 | DLL150S 450 | 0433 220 110 | | | | 4x0,30x150° | Nozzle |
| 710334C | DLL150S 464 | 0433 220 113 | | | | 4x0,43x150° | Nozzle |
| 710343 | DLL150S 508 | 0433 270 142 | | | | 4x0,31x150° | Nozzle |
| 71035 | DLL140S 522 | 0433 270 146 | | | | 4x0,37x140 | Nozzle |
| 710359 | DLL153S 529 | 0433 220 123 | | | | 8x0,28x153° | Nozzle |
| 71036C | DLL150S 530 | 0433 220 124 | | | | 5x0,33x150° | Nozzle |
| 710371L | DLL150S 535 | 0433 220 126 | | | | 7x0,29x150° | Nozzle |
| 710372L | DLL180S 540 | 0433 270 148 | | | | 4x0,29x180° | Nozzle |
| 710375 | DLL150S 545 | 0433 220 128 | | | | 8x0,25x150° | Nozzle |
| 71038 | DLL23S 553 | 0433 220 129 | | | | 1x0,61x23° | Nozzle |
| 71039 | DLL35S 559 | 0433 220 130 | | | | 1x0,67x35° | Nozzle |
| 71040 | DLL38S 560 | 0433 220 131 | | | | 1x0,72x38° | Nozzle |
| 710401 | DLL35S 561 | 0433 220 132 | | | | 1x0,61x35° | Nozzle |
| 710402 | DLL35S 562 | 0433 220 133 | | | | 1x0,66x35° | Nozzle |
| 710406 | DLL18S 572 | 0433 270 150 | | | | 1x0,60x18° | Nozzle |
| 71041 | DLL140S 586 | 0433 220 140 | | | | 4x0,42x140° | Nozzle |
| 71042 | DLL16S 592 | 0433 220 141 | | | | 1x0,61x16° | Nozzle |
| 710421 | DLL150S 606 | 0433 220 143 | | | | 4x0,42x150° | Nozzle |
| 710423 | DLL140S 610 | 0433 270 157 | | | | 4x0,29x140° | Nozzle |
| 710424 | DLL150S 612 | 0433 270 159 | | | | 4x0,25x150° | Nozzle |
| 710427 | DLL18S 629 | 0433 270 162 | | | | 1x0,62x18° | Nozzle |
| 710429 | DLL150S 631 | 0433 220 147 | | | | 8x0,31x150° | Nozzle |
| 71043 | DLL140S 632 | 0433 220 148 | | | | 4x0,45x140° | Nozzle |
| 710431 | DLL25S 680 | 0433 270 168 | | | | 1x0,38+1x0,43 | Nozzle |
| 71044L | DLL160S 705 | 0433 270 170 | | | | 4x0,30x160° | Nozzle |
| 710450 | DLL160S 721 | 0433 220 155 | | | | 4x0,37x160° | Nozzle |
| 710451 | DLL120S 736 | 0433 220 157 | | | | 2x0,36+3x0,50 | Nozzle |
| 710452 | DLL152S 756 | 0433 220 160 | | | | 5x0,52x152° | Nozzle |
| 710453 | DLL152S 780 | 0433 220 163 | | | | 5x0,55x152° | Nozzle |
| 710456 | DLL25S 834 | 0433 270 176 | | | | 1x0,65x25° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 71046 | DLL28S 932 | 0433 270 182 | | | | 1x0,71x28° | Nozzle |
| 710462 | DLL155S 942 | 0433 220 173 | | | | 4x0,38x155° | Nozzle |
| 710463L | DLL150S 979 | 0433 220 182 | | | | 6x0,26x158° | Nozzle |
| 710464 | DLL110S 1030 | 9430 034 205 | | | | 3x0,28x110° | Nozzle |
| 710467 | DLL155S 1057 | 0433 220 190 | | | | 7x0,41x155° | Nozzle |
| 710468L | DLL150S 1093 | 0433 220 195 | | | | 8x0,32x150° | Nozzle |
| 710469 | DLL155S 1271 | 0433 270 191 | | | | 8x0,31x155° | Nozzle |
| 7104695 | DLL155S 1383 | 0433 272 038 | | | | 8x0,27x155° | Nozzle |
| 71047 | DLL150S 2641 | 0433 270 120 | | | | 4x0,29x150° | Nozzle |
| 71048 | DLL155S 4820 | 0433 270 161 | | | | 5x0,33x155° | Nozzle |
| 71056 | DLLA154S 016 | F019 122 016 | | | | 4x0,315x154° | Nozzle |
| 71058C | DLLA155S 054 | F019 122 054 | | | | 5x0,30x155° | Nozzle |
| 71060 | DLLA27S 50 | 0433 271 013 | | | | 2x0,41x27° | Nozzle |
| 71064 | DLLA25S 64 | 0433 271 009 | | | | 2x0,305x25° | Nozzle |
| 71065 | DLLA30S 69 | 0433 271 019 | | | | 2x0,30x30° | Nozzle |
| 71070 | DLLA27S 88 | 0433 271 016 | | | | 2x0,42x27° | Nozzle |
| 71071 | DLLA20S 102 | 0433 271 005 | | | | 2x0,36x20° | Nozzle |
| 710719 | DLLA20S 110 | 0433 271 006 | | | | 2x0,35x20° | Nozzle |
| 71072 | DLLA150S 111 | 0433 271 027 | | | | 4x0,31x150° | Nozzle |
| 71073 | DLLA25S 116 | 0433 271 012 | | | | 2x0,0295x25° | Nozzle |
| 71075 | DLLA38S 133 | 0433 271 022 | | | | 2x0,52x38° | Nozzle |
| 71076 | DLLA10S 134 | 0433 271 001 | | | | 2x0,42x10° | Nozzle |
| 71077 | DLLA150S 138 | 0433 271 030 | | | | 4x0,36x150° | Nozzle |
| 71078 | DLLA150S 140 | 0433 271 032 | | | | 4x0,31x150° | Nozzle |
| 71079 | DLLA23S 155 | 0433 271 008 | | | | 1x0,53x23° | Nozzle |
| 71080 | DLLA35S 161 | 0433 271 021 | | | | 1x0,60x35° | Nozzle |
| 710803 | DLLA25S 169 | 0433 271 038 | | | | 1x0,43x25° | Nozzle |
| 710805 | DLLA35S 175 | 0433 271 041 | | | | 1x0,66x35° | Nozzle |
| 71081 | DLLA150S 178 | 0433 271 043 | | | | 4x0,35x150° | Nozzle |
| 71082 | DLLA150S 186 | 0433 271 045 | | | | 4x0,39x150° | Nozzle |
| 71083 | DLLA150S 187 | 0433 271 046 | | | | 4x0,32x150° | Nozzle |
| 71084 | DLLA150S 190 | 0433 271 048 | | | | 4x0,29x150° | Nozzle |
| 71085 | DLLA23S 191 | 0433 271 049 | | | | 1x0,61x23° | Nozzle |
| 71086 | DLLA145S 199 | 0433 271 055 | | | | 4x0,26x145° | Nozzle |
| 71087 | DLLA150S 204 | 0433 271 058 | | | | 4x0,34x150° | Nozzle |
| 710875 | DLLA38S 208 | 0433 271 060 | | | | 1x0,75x38° | Nozzle |
| 71089 | DLLA150S 223 | 0433 271 067 | | | | 4x0,29x150° | Nozzle |
| 71091 | DLLA150S 236 | 0433 271 071 | | | | 4x0,24x150° | Nozzle |
| 71094 | DLLA140S 254 | 0433 271 172 | | | | 4x0,33x140° | Nozzle |
| 71095L | DLLA160S 255 | 0433 271 079 | | | | 4x0,29x160° | Nozzle |
| 710961 | DLLA150S 269 | 0433 271 086 | | | | 4x0,35x150° | Nozzle |
| 710964 | DLLA150S 274 | 0433 271 092 | | | | 3x0,45x150° | Nozzle |
| 710967 | DLLA10S 286 | 0433 271 099 | | | | 2x0,42x10° | Nozzle |
| 710968 | DLLA150S 288 | 0433 271 100 | | | | 4x0,24x150° | Nozzle |
| 71097 | DLLA150S 292 | 0433 271 103 | | | | 5x0,33x150° | Nozzle |
| 71098 | DLLA38S 293 | 0433 271 104 | | | | 1x0,70x38° | Nozzle |
| 71099 | DLLA28S 297 | 0433 271 106 | | | | 1x0,43x28° | Nozzle |
| 710995 | DLLA140S 305 | 0433 271 112 | | | | 4x0,28x140° | Nozzle |
| 71100 | DLLA153S 308 | 0433 271 114 | | | | 4x0,29x153° | Nozzle |
| 71101 | DLLA28S 310 | 0433 271 117 | | | | 1x0,61x28° | Nozzle |
| 71102 | DLLA28S 312 | 0433 271 118 | | | | 1x0,56x28° | Nozzle |
| 71110 | DLLA35S 376 | 0433 271 150 | | | | 1x0,70x35° | Nozzle |
| 71111 | DLLA35S 377 | 0433 271 151 | | | | 1x0,71x35° | Nozzle |
| 71112 | DLLA160S 378 | 0433 271 152 | | | | 4x0,26x160° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 711124 | DLLA23S 383 | 0433 271 155 | | | | 1x0,61x23° | Nozzle |
| 71113L | DLLA150S 386 | 0433 271 157 | | | | 4x0,36x150° | Nozzle |
| 71114 | DLLA79S 390 | 0433 271 160 | | | | 4x0,37x79° | Nozzle |
| 71115L | DLLA150S 392 | 0433 271 161 | | | | 3x0,36x150° | Nozzle |
| 71116 | DLLA149S 394 | 0433 271 162 | | | | 4x0,29x149° | Nozzle |
| 71117 | DLLA150S 396 | 0433 271 164 | | | | 3x0,29x150° | Nozzle |
| 71118 | DLLA150S 402 | 0433 271 169 | | | | 4x0,42x150° | Nozzle |
| 71119 | DLLA28S 414 | 0433 271 177 | | | | 2x0,48x28° | Nozzle |
| 71120 | DLLA150S 417 | 0433 271 180 | | | | 4x0,31x150° | Nozzle |
| 711209 | DLLA150S 421 | 0433 271 183 | | | | 4x0,37x150° | Nozzle |
| 71121 | DLLA150S 422 | 0433 271 184 | | | | 3x0,33x150° | Nozzle |
| 71123 | DLLA28S 441 | 0433 271 201 | | | | 2x0,44x28° | Nozzle |
| 711231 | DLLA150S 442 | 0433 271 195 | | | | 4x0,32x150° | Nozzle |
| 71125 | DLLA150S 456 | 0433 271 205 | | | | 4x0,32x150° | Nozzle |
| 71126 | DLLA150S 467 | 0433 271 212 | | | | 4x0,31x150° | Nozzle |
| 71127 | DLLA150S 469 | 0433 271 214 | | | | 4x0,29x150° | Nozzle |
| 711275 | DLLA150S 475 | 0433 271 217 | | | | 4x0,31x150° | Nozzle |
| 71128 | DLLA144S 485 | 0433 271 221 | | | | 4x0,38x144° | Nozzle |
| 711288 | DLLA144S 488 | 0433 271 222 | | | | 4x0,40x144° | Nozzle |
| 71129 | DLLA149S 490 | 0433 271 223 | | | | 4x0,30x149° | Nozzle |
| 71130 | DLLA150S 494 | 0433 271 224 | | | | 5x0,25x150° | Nozzle |
| 711305 | DLLA150S 501 | 0433 271 229 | | | | 4x0,29x150° | Nozzle |
| 71131L | DLLA150S 506 | 0433 271 230 | | | | 4x0,31x150° | Nozzle |
| 711321 | DLLA145S 507 | 0433 271 231 | | | | 4x0,28x145° | Nozzle |
| 71133 | DLLA160S 509 | 0433 271 232 | | | | 4x0,29x160° | Nozzle |
| 71134 | DLLA27S 512 | 0433 271 233 | | | | 2x0,46x27° | Nozzle |
| 711352L | DLLA150S 515 | 0433 271 236 | | | | 3x0,39x150° | Nozzle |
| 71136 | DLLA27S 517 | 0433 271 238 | | | | 1x0,65x27° | Nozzle |
| 71138L | DLLA150S 523 | 0433 271 241 | | | | 4x0,37x150° | Nozzle |
| 71139 | DLLA160S 526 | 0433 271 244 | | | | 5x0,31x160° | Nozzle |
| 711391 | DLLA150S 527 | 0433 271 245 | | | | 4x0,30x150° | Nozzle |
| 71140 | DLLA152S 533 | 0433 271 246 | | | | 4x0,27x152° | Nozzle |
| 71141 | DLLA38S 541 | 0433 271 252 | | | | 1x0,75x38° | Nozzle |
| 71142 | DLLA150S 548 | 0433 271 258 | | | | 5x0,32x150° | Nozzle |
| 71143 | DLLA150S 549 | 0433 271 259 | | | | 5x0,27x150° | Nozzle |
| 711435 | DLLA150S 550 | 0433 271 260 | | | | 4x0,32x150° | Nozzle |
| 71144 | DLLA155S 551 | 0433 271 261 | | | | 4x0,23x155° | Nozzle |
| 71145 | DLLA160S 555 | 0433 271 263 | | | | 4x0,29x160° | Nozzle |
| 71147 | DLLA160S 557 | 0433 271 265 | | | | 5x0,25x160° | Nozzle |
| 711473L | DLLA140S 563 | 0433 271 266 | | | | 3x0,45x140° | Nozzle |
| 71148 | DLLA140S 567 | 0433 271 269 | | | | 4x0,28x140° | Nozzle |
| 711481 | DLLA155S 568 | 0433 271 270 | | | | 3x0,44x155° | Nozzle |
| 71149 | DLLA155S 574 | 0433 271 274 | | | | 4x0,33x155° | Nozzle |
| 711491L | DLLA160S 575 | 0433 271 275 | | | | 4x0,40x160° | Nozzle |
| 71150 | DLLA150S 582 | 0433 271 280 | | | | 4x0,41x150° | Nozzle |
| 71151 | DLLA150S 583 | 0433 271 281 | | | | 4x0,27x150° | Nozzle |
| 711519 | DLLA150S 588 | 0433 271 284 | | | | 4x0,30x150° | Nozzle |
| 71152 | DLLA28S 589 | 0433 271 285 | | | | 1x0,58x28° | Nozzle |
| 711521 | DLLA155S 593 | 0433 271 287 | | | | 3x0,41x155° | Nozzle |
| 711529 | DLLA28S 600 | 0433 271 292 | | | | 2x0,46x28° | Nozzle |
| 71153 | DLLA25S 601 | 0433 271 293 | | | | 1x0,64x25° | Nozzle |
| 711531 | DLLA150S 602 | 9430 084 202 | | | | 5x0,47x150° | Nozzle |
| 71154 | DLLA150S 607 | 0433 271 294 | | | | 4x0,30x150° | Nozzle |
| 711541L | DLLA160S 608 | 0433 271 295 | | | | 4x0,28x160° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 71155 | DLLA27S 613 | 0433 271 296 | | | | 1x0,67x27° | Nozzle |
| 71156 | DLLA25S 614 | 0433 271 297 | | | | 1x0,60x25° | Nozzle |
| 71157 | DLLA150S 615 | 0433 271 298 | | | | 5x0,31x150° | Nozzle |
| 71158 | DLLA150S 616 | 0433 271 299 | | | | 5x0,35x150° | Nozzle |
| 71159 | DLLA150S 618 | 0433 271 300 | | | | 4x0,38x150° | Nozzle |
| 71160 | DLLA140S 619 | 0433 271 301 | | | | 4x0,40x140° | Nozzle |
| 711602C | DLLA150S 620 | | | | | 5x0,26x150° | Nozzle |
| 711609 | DLLA160S 626 | 0433 271 305 | | | | 4x0,35x160° | Nozzle |
| 71161 | DLLA25S 627 | 0433 271 306 | | | | 1x0,66x25° | Nozzle |
| 711615 | DLLA150S 628 | 0433 271 307 | | | | 4x0,36x150° | Nozzle |
| 71162 | DLLA160S 630 | 0433 271 308 | | | | 4x0,39x160° | Nozzle |
| 711629 | DLLA150S 633 | 0433 271 309 | | | | 4x0,33x150° | Nozzle |
| 71163 | DLLA150S 634 | 0433 271 310 | | | | 4x0,41x150° | Nozzle |
| 71164 | DLLA140S 637 | 0433 271 313 | | | | 4x0,41x140° | Nozzle |
| 711643 | DLLA110S 639 | F002 C30 142 | | | | 3x0,28x110° | Nozzle |
| 711645L | DLLA160S 641 | 0433 271 315 | | | | 4x0,36x160° | Nozzle |
| 71166 | DLLA155S 651 | 0433 271 318 | | | | 5x0,32x155° | Nozzle |
| 711663 | DLLA150S 653 | 0433 271 319 | | | | 4x0,36x150° | Nozzle |
| 711669 | DLLA142S 655 | 0433 271 321 | | | | 4x0,39x142° | Nozzle |
| 71167 | DLLA28S 656 | 0433 271 322 | | | | 2x0,45x28° | Nozzle |
| 711681C | DLLA155S 658 | 0433 271 898 | | | | 4x0,35x155° | Nozzle |
| 711682L | DLLA141S 662 | 0433 271 325 | | | | 3x0,35x141° | Nozzle |
| 711684 | DLLA150S 666 | 0433 271 327 | | | | 4x0,39x150° | Nozzle |
| 711686 | DLLA150S 671 | 0433 271 329 | | | | 4x0,29x150° | Nozzle |
| 71169 | DLLA140S 677 | 0433 271 333 | | | | 5x0,28x140° | Nozzle |
| 71170 | DLLA30S 678 | 0433 271 334 | | | | 1x0,75x30° | Nozzle |
| 711701 | DLLA150S 679 | 0433 271 335 | | | | 4x0,43x150° | Nozzle |
| 711703C | DLLA155S 681 | 0433 271 895 | | | | 4x0,37x155° | Nozzle |
| 711705L | DLLA160S 684 | 0433 271 338 | | | | 4x0,36x160° | Nozzle |
| 71171C | DLLA151S 686 | 0433 271 894 | | | | 4x0,26x151° | Nozzle |
| 711721C | DLLA150S 690 | 0433 271 891 | | | | 4x0,29x150° | Nozzle |
| 711725C | DLLA155S 695 | 0433 271 890 | | | | 4x0,41x155° | Nozzle |
| 711725L | DLLA160S 699 | 0433 271 343 | | | | 4x0,38x160° | Nozzle |
| 711726C | DLLA152S 703 | 0433 271 886 | | | | 4x0,28x152° | Nozzle |
| 711731C | DLLA150S 704 | 0433 271 885 | | | | 5x0,30x150° | Nozzle |
| 711737L | DLLA160S 707 | 0433 271 344 | | | | 4x0,29x160° | Nozzle |
| 711742 | DLLA150S 709 | 0433 271 354 | | | | 4x0,32x150° | Nozzle |
| 711743 | DLLA155S 710 | 0433 271 884 | | | | 4x0,31x155° | Nozzle |
| 711747C | DLLA155S 713 | 0433 271 883 | | | | 4x0,33x155° | Nozzle |
| 711751 | DLLA150S 714 | 0433 271 348 | | | | 4x0,34x150° | Nozzle |
| 711752L | DLLA149S 715 | 0433 271 349 | | | | 3x0,41x149° | Nozzle |
| 711753C | DLLA150S 716 | 0433 271 882 | | | | 4x0,27x150° | Nozzle |
| 711754 | DLLA150S 718 | 0433 271 353 | | | | 4x0,41x150° | Nozzle |
| 71176 | DLLA150S 720 | 0433 271 036 | | | | 4x0,29x150° | Nozzle |
| 71177 | DLLA25S 722 | 0433 271 355 | | | | 1x0,66x25° | Nozzle |
| 711771 | DLLA155S 723 | 0433 271 352 | | | | 4x0,30x155° | Nozzle |
| 711772 | DLLA150S 724 | 0433 271 356 | | | | 4x0,37x150° | Nozzle |
| 711774 | DLLA165S 727 | 0433 271 358 | | | | | Nozzle |
| 711775C | DLLA150S 728 | 0433 271 879 | | | | 4x0,30x150° | Nozzle |
| 711776C | DLLA155S 729 | 0433 271 878 | | | | 5x0,26x155° | Nozzle |
| 71179 | DLLA155S 733 | 0433 271 359 | | | | 4x0,36x155° | Nozzle |
| 711798C | DLLA150S 739 | 0433 271 874 | | | | 5x0,31x150° | Nozzle |
| 711801C | DLLA150S 741 | 0433 271 873 | | | | 4x0,31x150° | Nozzle |
| 71181 | DLLA24S 745 | 0433 271 363 | | | | 1x0,53x24° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 71182 | DLLA144S 747 | 0433 271 366 | | | | 4x0,38x144° | Nozzle |
| 71183 | DLLA34S 749 | 0433 271 365 | | | | 1x0,70x34° | Nozzle |
| 71184C | DLLA150S 753 | 0433 271 868 | | | | 5x0,35x150° | Nozzle |
| 71185C | DLLA150S 754 | 0433 271 867 | | | | 5x0,27x150° | Nozzle |
| 711861C | DLLA160S 760 | 0433 271 866 | | | | 4x0,31x160° | Nozzle |
| 711862C | DLLA150S 762 | 0433 271 865 | | | | 4x0,41x150° | Nozzle |
| 711872C | DLLA158S 766 | 0433 271 864 | | | | 4x0,28x158° | Nozzle |
| 711881C | DLLA150S 767 | 0433 271 863 | | | | 6x0,32x150° | Nozzle |
| 711884 | DLLA145S 770 | 0433 271 375 | | | | 4x0,32x145° | Nozzle |
| 71190 | DLLA150S 773 | 9430 084 204 | | | | 4x0,31x150° | Nozzle |
| 71191 | DLLA149S 774 | 0433 271 376 | | | | 4x0,30x149° | Nozzle |
| 71192 | DLLA149S 775 | 0433 271 377 | | | | 4x0,32x149° | Nozzle |
| 711922 | DLLA150S 777 | 0433 271 379 | | | | 4x0,41x150° | Nozzle |
| 71193 | DLLA150S 781 | 0433 271 394 | | | | 4x0,41x150° | Nozzle |
| 711932C | DLLA152S 783 | 0433 271 861 | | | | 6x0,275x152° | Nozzle |
| 71194 | DLLA140S 786 | 0433 271 395 | | | | 4x0,39x140° | Nozzle |
| 711942 | DLLA160S 787 | 0433 271 396 | | | | 4x0,27x160° | Nozzle |
| 71195C | DLLA150S 789 | 0433 271 859 | | | | 4x0,37x150° | Nozzle |
| 71196 | DLLA142S 791 | 0433 271 403 | | | | 4x0,31x142° | Nozzle |
| 71197 | DLLA142S 792 | 0433 271 404 | | | | 4x0,33x142° | Nozzle |
| 711971 | DLLA150S 793 | 0433 271 398 | | | | 4x0,43x150° | Nozzle |
| 711975C | DLLA150S 798 | 0433 271 857 | | | | 3x0,30x150° | Nozzle |
| 711981C | DLLA150S 804 | 0433 271 856 | | | | 4x0,31x150° | Nozzle |
| 711982CL | DLLA150S 806 | 0433 271 855 | | | | 4x0,30x150° | Nozzle |
| 71199 | DLLA144S 808 | 0433 271 410 | | | | 4x0,33x144° | Nozzle |
| 711991 | DLLA35S 812 | 0433 271 413 | | | | 1x0,51x35° | Nozzle |
| 71200C | DLLA151S 813 | 0433 271 850 | | | | 4x0,29x151° | Nozzle |
| 71201C | DLLA150S 815 | 0433 271 849 | | | | 4x0,30x150° | Nozzle |
| 712026C | DLLA150S 816 | 0433 271 848 | | | | 4x0,35x150° | Nozzle |
| 71202C | DLLA160S 817 | 0433 271 847 | | | | 4x0,32x160° | Nozzle |
| 71204C | DLLA156S 822 | 0433 271 845 | | | | 4x0,27x156° | Nozzle |
| 71205C | DLLA140S 827 | 0433 271 843 | | | | 4x0,31x140° | Nozzle |
| 71206C | DLLA150S 828 | 0433 271 842 | | | | 2x0,23+2x0,25 | Nozzle |
| 71207 | DLLA144S 829 | 0433 271 423 | | | | 4x0,41x144° | Nozzle |
| 712071C | DLLA150S 830 | 0433 271 841 | | | | 3x0,37x150° | Nozzle |
| 712073 | DLLA155S 833 | 9430 034 227 | | | | 4x0,25x155° | Nozzle |
| 712079C | DLLA155S 835 | 0433 271 839 | | | | 4x0,36x155° | Nozzle |
| 71208C | DLLA150S 836 | 0433 271 838 | | | | 4x0,29x150° | Nozzle |
| 71209 | DLLA34S 837 | 0433 271 421 | | | | 1x0,60x34° | Nozzle |
| 71209C | DLLA150S 838 | 0433 271 837 | | | | 5x0,37x150° | Nozzle |
| 71210C | DLLA144S 842 | 0433 271 835 | | | | 4x0,37x144° | Nozzle |
| 71211C | DLLA150S 843 | 0433 271 834 | | | | 4x0,32x150° | Nozzle |
| 71212 | DLLA145S 847 | 0433 271 424 | | | | 4x0,34x145° | Nozzle |
| 71212C | DLLA150S 851/ | 0433 271 730 | | | | 5x0,32x150° | Nozzle |
| 71213 | DLLA150S 852 | 0433 271 425 | | | | 4x0,32x150° | Nozzle |
| 712131C | DLLA150S 853 | 0433 271 829 | | | | 5x0,37x150° | Nozzle |
| 712132C | DLLA155S 858 | 0433 271 825 | | | | 4x0,39x155° | Nozzle |
| 712134 | DLLA148S 862 | 0433 271 428 | | | | 4x0,30x148° | Nozzle |
| 712135C | DLLA150S 870 | 0433 271 823 | | | | 4x0,34x150° | Nozzle |
| 712142 | DLLA150S 873 | 0433 271 434 | | | | 4x0,32x150° | Nozzle |
| 712145 | DLLA34S 876 | 0433 271 435 | | | | 1x0,71x34° | Nozzle |
| 712146C | DLLA150S 881 | 0433 271 821 | | | | 4x0,36x150° | Nozzle |
| 712147C | DLLA150S 883 | 0433 271 820 | | | | 5x0,39x150° | Nozzle |
| 712152CL | DLLA148S 885 | 0433 271 819 | | | | 4x0,36x148° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 712153CL | DLLA145S 886 | 0433 271 818 | | | | 4x0,34x145° | Nozzle |
| 712154C | DLLA144S 889 | 0433 271 817 | | | | 4x0,30x144° | Nozzle |
| 712161C | DLLA146S 890 | 0433 271 816 | | | | 4x0,34x146° | Nozzle |
| 71217 | DLLA150S 891 | 0433 271 440 | | | | 3x0,31x150° | Nozzle |
| 712171 | DLLA28S 892 | 0433 271 442 | | | | 1x0,60x28° | Nozzle |
| 712171C | DLLA155S 895 | 0433 271 815 | | | | 6x0,29x155° | Nozzle |
| 71219C | DLLA150S 896 | 0433 271 814 | | | | 5x0,32x150° | Nozzle |
| 71300C | DLLA142S 897 | 0433 271 813 | | | | 4x0,30x142° | Nozzle |
| 71301C | DLLA150S 898 | 9430 084 212 | | | | 4x0,31x150° | Nozzle |
| 713021 | DLLA32S 900 | 0433 271 445 | | | | 1x0,54x32° | Nozzle |
| 713023 | DLLA150S 902 | 0433 271 446 | | | | 4x0,36x150° | Nozzle |
| 71303C | DLLA150S 903 | 0433 271 811 | | | | 4x0,30x150° | Nozzle |
| 713041C | DLLA150S 904 | 0433 271 810 | | | | 4x0,44x150° | Nozzle |
| 71305C | DLLA160S 908 | 0433 271 809 | | | | 4x0,30x160° | Nozzle |
| 713062 | DLLA148S 909 | 0433 271 448 | | | | 4x0,32x148° | Nozzle |
| 713064 | DLLA156S 911 | 0433 271 450 | | | | 5X0,23x153° | Nozzle |
| 713071 | DLLA31S 915 | 0433 271 452 | | | | 1x0,68x31° | Nozzle |
| 713071C | DLLA150S 916 | 0433 271 807 | | | | 5x0,34x150° | Nozzle |
| 713072C | DLLA158S 920 | 0433 271 806 | | | | 4x0,28x158° | Nozzle |
| 713073 | DLLA31S 921 | 0433 271 454 | | | | 1x0,56x31° | Nozzle |
| 713074C | DLLA142S 924 | 0433 271 805 | | | | 4x0,43x142° | Nozzle |
| 713075C | DLLA150S 925 | 0433 271 804 | | | | 4x0,28x150° | Nozzle |
| 713076 | DLLA142S 926 | 0433 271 466 | | | | 4x0,35x142° | Nozzle |
| 713079 | DLLA30S 931 | 0433 271 461 | | | | 1x0,62x30° | Nozzle |
| 713080 | DLLA150S 935 | 0433 271 462 | | | | 4x0,39x150° | Nozzle |
| 713081C | DLLA136S 943 | 0433 271 740 | | | | 4x0,41x136° | Nozzle |
| 713082C | DLLA142S 947 | 0433 271 800 | | | | 4x0,37x142° | Nozzle |
| 713083 | DLLA142S 953 | 9430 084 222 | | | | 4x0,35x142° | Nozzle |
| 713083C | DLLA154S 970 | 0433 271 791 | | | | 4x0,38x154° | Nozzle |
| 713084C | DLLA151S 972 | 0433 271 790 | | | | 4x0,33x151° | Nozzle |
| 713085C | DLLA150S 974 | 0433 271 789 | | | | 4x0,285x150° | Nozzle |
| 71309 | DLLA150S 975 | 0433 271 465 | | | | 4x0,42x150° | Nozzle |
| 71310C | DLLA140S 976 | 0433 271 788 | | | | 4x0,46x140° | Nozzle |
| 713112C | DLLA150S 977 | 0433 271 787 | | | | 4x0,28x150° | Nozzle |
| 713117C | DLLA142S 980 | 0433 271 785 | | | | 4x0,32x142° | Nozzle |
| 713118C | DLLA132S 981 | 0433 271 784 | | | | 4x0,34x132° | Nozzle |
| 713119 | DLLA144S 982 | 0433 271 467 | | | | 4x0,30x144° | Nozzle |
| 71312C | DLLA138S 983 | 0433 271 783 | | | | 4x0,35x138° | Nozzle |
| 71313C | DLLA151S 985 | 0433 271 782 | | | | 4x0,30x151° | Nozzle |
| 713151 | DLLA151S 991 | 9430 084 226 | | | | 4x0,27x151° | Nozzle |
| 71316C | DLLA144S 992 | 0433 271 781 | | | | 5x0,35x144° | Nozzle |
| 71317C | DLLA150S 993 | 0433 271 780 | | | | 4x0,24x150° | Nozzle |
| 71317CL | DLLA160S 995 | 0433 271 778 | | | | 4x0,29x160° | Nozzle |
| 71318 | DLLA134S 999 | 0433 271 471 | | | | 4x0,38x134° | Nozzle |
| 71318C | DLLA134S999 D5 | 0433 271 471 | | | | 4x0,38x134° | Nozzle |
| 71319 | DLLA134S 999+/- | 0433 271 589 | | | | 4x0,38x134° | Nozzle |
| 71320C | DLLA136S 1000 | 0433 271 775 | | | | 3x0,36x136° | Nozzle |
| 71321C | DLLA124S 1001 | 0433 271 774 | | | | 4x0,31x124° | Nozzle |
| 71323 | DLLA140S 1003 | 0433 271 478 | | | | 4x0,35x140° | Nozzle |
| 713242C | DLLA160S 1012 | 0433 271 770 | | | | 4x0,27x160° | Nozzle |
| 713243 | DLLA142S 1013 | 9430 084 227 | | | | 4x0,33x142° | Nozzle |
| 713245L | DLLA140S 1017 | 0433 271 480 | | | | 3x0,45x140° | Nozzle |
| 713246 | DLLA145S 1018 | 0433 271 481 | | | | 8x0,25x145° | Nozzle |
| 713247 | DLLA145S 1019 | 0433 271 482 | | | | 8x0,28x145° | Nozzle |

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|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 71325C | DLLA136S 1020 | 0433 271 768 | | | | 3x0,39x136° | Nozzle |
| 71327CL | DLLA145S 1023 | 0433 271 765 | | | | 4x0,33x145° | Nozzle |
| 71329C | DLLA150S 1029 | 0433 271 764 | | | | 5x0,27x150° | Nozzle |
| 71330C | DLLA160S 1030 | 0433 271 763 | | | | 4x0,26x160° | Nozzle |
| 71331C | DLLA155S 1032 | 0433 271 761 | | | | 5x0,23x155° | Nozzle |
| 71332 | DLLA136S 1034 | 0433 271 487 | | | | 4x0,36x136° | Nozzle |
| 713321 | DLLA131S 1035 | 0433 271 486 | | | | 4x0,39x131° | Nozzle |
| 71333 | DLLA144S 1037 | 0433 271 489 | | | | 4x0,37x144° | Nozzle |
| 713341C | DLLA140S 1039 | 0433 271 759 | | | | 4x0,32x140° | Nozzle |
| 713343 | DLLA136S 1043 | 0433 271 495 | | | | 4x0,38x136° | Nozzle |
| 713344C | DLLA150S 1044 | 0433 271 758 | | | | 5x0,35x150° | Nozzle |
| 71335 | DLLA150S 1052 | 0433 271 494 | | | | 4x0,28x150° | Nozzle |
| 713351C | DLLA140S 1054 | 0433 271 756 | | | | 5x0,41x140° | Nozzle |
| 713353C | DLLA150S 1055 | 0433 271 755 | | | | 4x0,32x150° | Nozzle |
| 713356C | DLLA148S 1058 | 0433 271 754 | | | | 4x0,37x148° | Nozzle |
| 713357C | DLLA145S 1059 | 0433 271 753 | | | | 5x0,36x145° | Nozzle |
| 71336C | DLLA150S 1066 | 0433 271 746 | | | | 3x0,34x150° | Nozzle |
| 71337C | DLLA150S 1067 | 0433 271 745 | | | | 4x0,28x150° | Nozzle |
| 713380C | DLLA140S 1075 | 0433 271 741 | | | | 4x0,47x140° | Nozzle |
| 713382C | DLLA159S 1082 | 0433 271 738 | | | | 4x0,25x159° | Nozzle |
| 713384C | DLLA160S 1084 | 0433 271 736 | | | | 4x0,27x160° | Nozzle |
| 713386C | DLLA154S 1086 | 0433 271 735 | | | | 5x0,35x154° | Nozzle |
| 7133872C | DLLA150S 1087 | 0433 271 734 | | | | 4x0,32x150° | Nozzle |
| 7133874C | DLLA148S 1089 | 0433 271 732 | | | | 5x0,30x145° | Nozzle |
| 713387C | DLLA150S 1091 | 0433 271 731 | | | | 5x0,27x150° | Nozzle |
| 71339 | DLLA136S 1094 | 0433 271 499 | | | | 4x0,37x136° | Nozzle |
| 71340 | DLLA142S 1096 | 0433 271 502 | | | | 4x0,31x142° | Nozzle |
| 71341C | DLLA145S 1097 | 0433 271 729 | | | | 5x0,34x145° | Nozzle |
| 71342C | DLLA148S 1098 | 0433 271 728 | | | | 4x0,30x148° | Nozzle |
| 71343C | DLLA140S 1109 | 0433 271 722 | | | | 4x0,33x140° | Nozzle |
| 713442C | DLLA138S 1112 | 0433 271 720 | | | | 3x0,34x138° | Nozzle |
| 713443C | DLLA134S 1113 | 0433 271 719 | | | | 4x0,30x134° | Nozzle |
| 71345C | DLLA140S 1116 | 0433 271 718 | | | | 5x0,36x140° | Nozzle |
| 713461C | DLLA140S 1117 | 0433 271 717 | | | | 5x0,36x140° | Nozzle |
| 713462 | DLLA134S 1119 | 0433 271 503 | | | | 4x0,37x134° | Nozzle |
| 713463C | DLLA140S 1121 | 0433 271 716 | | | | 4x0,31x140° | Nozzle |
| 713467 | DLLA131S 1131 | 0433 271 507 | | | | 4x0,41x131° | Nozzle |
| 71347C | DLLA150S 1137 | 0433 271 714 | | | | 8x0,33x150° | Nozzle |
| 713482 | DLLA142S 1142 | 9430 034 284 | | | | 4x0,28x142° | Nozzle |
| 71350 | DLLA137S 1157 | 0433 271 515 | | | | 5x0,30x137° | Nozzle |
| 71350C | DLLA150S 1158 | 0433 271 704 | | | | 4x0,30x150° | Nozzle |
| 713522C | DLLA145S 1160 | 0433 271 703 | | | | 5x0,39x145° | Nozzle |
| 713523C | DLLA145S 1161 | 0433 271 702 | | | | 5x0,36x145° | Nozzle |
| 713524C | DLLA144S 1162 | 9430 084 241 | | | | 4x0,30x144° | Nozzle |
| 71353C | DLLA145S 1169 | 0433 271 698 | | | | 6x0,32x145° | Nozzle |
| 713543 | DLLA142S 1173 | 0433 271 518 | | | | 5x0,29x142° | Nozzle |
| 713544C | DLLA137S 1174 | 0433 271 695 | | | | 5x0,26x137° | Nozzle |
| 713545C | DLLA146S 1175 | 0433 271 694 | | | | 4x0,33x146° | Nozzle |
| 713549C | DLLA152S 1180 | 0433 271 691 | | | | 5x0,28x152° | Nozzle |
| 713550C | DLLA160S 1181 | 0433 271 690 | | | | 4x0,24x160° | Nozzle |
| 713552C | DLLA152S 1184 | 0433 271 688 | | | | 5x0,26x152° | Nozzle |
| 713553C | DLLA142S 1189 | 0433 271 684 | | | | 4x0,34x142° | Nozzle |
| 713554 | DLLA35S 1190 | 0433 271 520 | | | | 1x0,50x35° | Nozzle |
| 713555 | DLLA138S 1191 | 0433 271 521 | | | | 5x0,32x138° | Nozzle |

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|-----------------|---------------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 713556 | DLLA138S 1191+/ | 0433 271 587 | | | | 5x0,31x138° | Nozzle |
| 713557 | DLLA134S 1199 | 0433 271 524 | | | | 5x0,33x134° | Nozzle |
| 7135572 | DLLA134S 1199+/ | 0433 271 588 | | | | 5x0,33x134° | Nozzle |
| 71356 | DLLA151S 1200 | 9430 084 243 | | | | 4x0,28x151° | Nozzle |
| 713561C | DLLA134S 1201 | 0433 271 680 | | | | 4x0,30x134° | Nozzle |
| 713563C | DLLA148S 1204 | 0433 271 678 | | | | 7x0,30x148° | Nozzle |
| 7135640C | DLLA145S 1206 | 0433 271 676 | | | | 5x0,35x145° | Nozzle |
| 7135641C | DLLA149S 1207 | 0433 271 675 | | | | 5x0,32x149° | Nozzle |
| 713564C | DLLA137S 1208 | 0433 271 674 | | | | 5x0,28x137° | Nozzle |
| 7135651C | DLLA149S 1209 | 0433 271 673 | | | | 5x0,36x149° | Nozzle |
| 7135654C | DLLA155S 1215 | 0433 271 670 | | | | 5x0,34x155° | Nozzle |
| 713565C | DLLA140S 1217 | 0433 271 668 | | | | 6x0,27x140° | Nozzle |
| 7135661C | DLLA150S 1220 | 0433 271 666 | | | | 6x0,31x150° | Nozzle |
| 713566C | DLLA155S 1221 | 0433 271 665 | | | | 6x0,30x155° | Nozzle |
| 713567 | DLLA142S 1224 | 0433 271 527 | | | | 6x0,29x142° | Nozzle |
| 7135672C | DLLA149S 1225 | 0433 271 664 | | | | 5x0,31x149° | Nozzle |
| 7135675L | DLLA139S 1235 | 0433 271 529 | | | | 4x0,43x139° | Nozzle |
| 713568C | DLLA150S 1237 | 0433 271 656 | | | | 6x0,32x150° | Nozzle |
| 713569C | DLLA150S 1238 | 0433 271 655 | | | | 6x0,32x150° | Nozzle |
| 71357C | DLLA146S 1245 | 0433 271 652 | | | | 6x0,32x146° | Nozzle |
| 71358C | DLLA140S 1252 | 0433 271 646 | | | | 6x0,33x140° | Nozzle |
| 71359C | DLLA130S 1253 | 9430 084 244 | | | | 5x0,36x130° | Nozzle |
| 713602 | DLLA142S 1257 | 0433 271 534 | | | | 5x0,30x142° | Nozzle |
| 71360C | DLLA144S 1262 | 0433 271 645 | | | | 4x0,32x144° | Nozzle |
| 71361C | DLLA148S 1263 | 0433 271 644 | | | | 7x0,29x148° | Nozzle |
| 71362 | DLLA142S 1264 | 9430 084 245 | | | | 4x0,32x142° | Nozzle |
| 71364 | DLLA142S 1266 | 9430 084 247 | | | | 4x0,34x142° | Nozzle |
| 713642C | DLLA148S 1272 | 0433 271 638 | | | | 7x0,29x148° | Nozzle |
| 7136433C | DLLA137S 1273 | 9430 034 719 | | | | 5x0,28x137° | Nozzle |
| 7136439C | DLLA152S 1277 | 0433 271 635 | | | | 8x0,25x152° | Nozzle |
| 713644C | DLLA125S 1278 | 0433 271 634 | | | | 6x0,28x125° | Nozzle |
| 713645C | DLLA152S 1280 | 0433 271 632 | | | | 8x0,26x152° | Nozzle |
| 713646 | DLLA134S 1284+/ | 0433 271 590 | | | | 5x0,34x134° | Nozzle |
| 713646C | DLLA143S 1292 | 0433 271 626 | | | | 6x0,33x143° | Nozzle |
| 713648C | DLLA150S 1295 | 0433 271 625 | | | | 6x0,31x150° | Nozzle |
| 713650C | DLLA148S 1298 | 0433 271 624 | | | | 7x0,34x148° | Nozzle |
| 713654C | DLLA143S 1302 | 0433 271 616 | | | | 6x0,31x143° | Nozzle |
| 7136558C | DLLA155S 1308 | 0433 271 603 | | | | 7x0,31x156° | Nozzle |
| 7136559C | DLLA135S 1309 | 0433 271 602 | | | | 6x0,26x135° | Nozzle |
| 713655C | DLLA160S 1305 | 0433 271 614 | | | | 5x0,33x160° | Nozzle |
| 7136560C | DLLA146S 1310 | 0433 271 601 | | | | 7x0,29x146° | Nozzle |
| 7136561C | DLLA132S 1320 | 0433 272 997 | | | | 5x0,23x132° | Nozzle |
| 7136562C | DLLA150S 1322 | 0433 272 995 | | | | 4x0,33x150° | Nozzle |
| 7136565 | DLLA145S 1330 | 0433 272 004 | | | | 8x0,28x145° | Nozzle |
| 713656C | DLLA155S 1323 | 0433 272 994 | | | | 4x0,30x155° | Nozzle |
| 7136574C | DLLA150S 1339 | F002 C30 007 | | | | 4x0,29x150° | Nozzle |
| 7136575C | DLLA155S 1351 | 0433 272 980 | | | | 6x0,22+6x0,30 | Nozzle |
| 713657C | DLLA132S 1335 | 0433 272 987 | | | | 5x0,20x132° | Nozzle |
| 713658C | DLLA132S 1384 | 0433 272 963 | | | | 6x0,19x132° | Nozzle |
| 713659 | DLLA155S 1420 | 0433 272 045 | | | | 8x0,27x155° | Nozzle |
| 71366 | DLLA150S 1600 | 0433 271 040 | | | | 5x0,25x150° | Nozzle |
| 71367 | DLLA150S 2120 | 0433 271 268 | | | | 4x0,35x150° | Nozzle |
| 71368 | DLLA35S 2180 | 0433 271 078 | | | | 1x0,70x35° | Nozzle |
| 71369 | DLLA144S 8200 | 0433 271 447 | | | | 4x0,35x144° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 71404L | DLLB160S 544 | 0433 271 255 | | | | 4x0,28x160° | Nozzle |
| 714053 | DLLB155S 580 | 0433 271 278 | | | | 5x0,31x155° | Nozzle |
| 714058 | DLLB155S 598 | 0433 271 291 | | | | 4x0,41x155° | Nozzle |
| 714075 | DLLB155S 675 | 0433 271 332 | | | | 4x0,38x155° | Nozzle |
| 714078 | DLLB150S 688 | 0433 271 340 | | | | 4x0,36x150° | Nozzle |
| 71412 | DLLB150S 711 | 0433 271 346 | | | | 4x0,38x150° | Nozzle |
| 71415 | DLLB150S 765 | 0433 271 347 | | | | 4x0,37x150° | Nozzle |
| 714166 | DLLB150S 794 | 0433 271 400 | | | | 4x0,29x150° | Nozzle |
| 714171C | DLLB150S 821 | 0433 271 846 | | | | 4x0,30x150° | Nozzle |
| 714178C | DLLB151S 854 | 0433 271 828 | | | | 4x0,34x151° | Nozzle |
| 71420C | DLLB151S 907 | 9430 084 214 | | | | 4x0,30x151° | Nozzle |
| 71430 | DLLB150S 1049 | 9430 084 230 | | | | 4x0,33x150° | Nozzle |
| 71454 | DLLC150S 624 | 0433 271 999 | | | | 4x0,44x150° | Nozzle |
| 71457 | DLLC150S 646 | 0433 271 316 | | | | 8x0,24x150° | Nozzle |
| 71460 | DLLC150S 660 | 0433 271 323 | | | | 8x0,25x150° | Nozzle |
| 71470 | DLLZ156S 948 | 0433 271 460 | | | | 4x0,28+5x0.30 | Nozzle |
| 71473 | DLLZ156S 1048 | 0433 271 492 | | | | 4x0,23+5x0.27 | Nozzle |
| 71474C | DLLZ155S 1133 | 0433 271 715 | | | | 7x0,39x155° | Nozzle |
| 71475C | DLLZ152S 1229 | 0433 271 660 | | | | 5x0,55x152° | Nozzle |
| 71479C | DLLZ152S 1247 | 0433 271 650 | | | | 5x0,58x152° | Nozzle |
| 71501 | DLLA150P 1 | 0433 171 001 | | | | 4x0,24x150° | Nozzle |
| 71503 | DLLA150P 3 | 0433 171 003 | | | | 3x0,30x150° | Nozzle |
| 71505 | DLLA155P 5 | 0433 171 006 | | | | 5x0,34x155° | Nozzle |
| 71509 | DLLA160P 9 | 0433 171 010 | | | | 5x0,33x160° | Nozzle |
| 71511 | DLLA150P 11 | 0433 171 012 | | | | 4x0,21x150° | Nozzle |
| 71520 | DLLA150P 20 | 0433 171 021 | | | | 4x0,36x150° | Nozzle |
| 71522 | DLLA150P 22 | 0433 171 023 | | | | 4x0,33x150° | Nozzle |
| 71524 | DLLA150P 24 | 0433 171 025 | | | | 4x0,31x150° | Nozzle |
| 71529 | DLLA150P 29 | 0433 171 030 | | | | 5x0,30x150° | Nozzle |
| 71530 | DLLA150P 30 | 0433 171 031 | | | | 4x0,29x150° | Nozzle |
| 71531 | DLLA150P 31 | 0433 171 032 | | | | 5x0,37x150° | Nozzle |
| 71535 | DLLA160P 35 | 0433 171 036 | | | | 5x0,32x160° | Nozzle |
| 71536 | DLLA150P 36 | 0433 171 037 | | | | 4x0,39x150° | Nozzle |
| 71538 | DLLA148P 38 | 0433 171 039 | | | | 4x0,30x148° | Nozzle |
| 71539 | DLLA150P 39 | 0433 171 040 | | | | 4x0,37x150° | Nozzle |
| 71540 | DLLA143P 40 | 0433 171 041 | | | | 4x0,36x143° | Nozzle |
| 71542 | DLLA150P 42 | 0433 171 042 | | | | 4x0,30x150° | Nozzle |
| 71543 | DLLA150P 43 | 0433 171 043 | | | | 4x0,42x150° | Nozzle |
| 71544 | DLLA140P 44 | 0433 171 044 | | | | 4x0,30x140° | Nozzle |
| 71548 | DLLA150P 48 | 0433 171 048 | | | | 5x0,28x150° | Nozzle |
| 71549 | DLLA150P 49 | 0433 171 049 | | | | 5x0,32x150° | Nozzle |
| 71552 | DLLA150P 52 | 0433 171 052 | | | | 4x0,39x150° | Nozzle |
| 71553 | DLLA150P 53 | 0433 171 053 | | | | 4x0,30x150° | Nozzle |
| 71559 | DLLA150P 59 | 0433 171 059 | | | | 4x0,38x150° | Nozzle |
| 71561 | DLLA150P 61 | 0433 171 061 | | | | 4x0,28x150° | Nozzle |
| 71563 | DLLA160P 63 | 0433 171 063 | | | | 5x0,34x160° | Nozzle |
| 71564 | DLLA150P 64 | 0433 171 064 | | | | 4x0,38x150° | Nozzle |
| 71566 | DLLA155P 66 | 0433 171 066 | | | | 4x0,30x155° | Nozzle |
| 71567 | DLLA155P 67 | 0433 171 067 | | | | 4x0,28x155° | Nozzle |
| 71569 | DLLA136P 69 | 0433 171 069 | | | | 3x0,38x136° | Nozzle |
| 71571 | DLLA150P 71 | 0433 171 071 | | | | 4x0,24x150° | Nozzle |
| 71574 | DLLA155P 74 | 0433 171 074 | | | | 4x0,29x155° | Nozzle |
| 71576 | DLLA150P 76 | 0433 171 076 | | | | 4x0,42x150° | Nozzle |
| 71585 | DLLA160P 85 | 0433 171 082 | | | | 4x0,29x160° | Nozzle |

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|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 71587 | DLLA142P 87 | 0433 171 084 | | | | 5x0,32x142° | Nozzle |
| 715908 | DLLA150P 91/ | 0433 171 117 | | | | 5x0,38x150° | Nozzle |
| 71591 | DLLA150P 91/+ | 0433 171 164 | | | | 5x0,37x150° | Nozzle |
| 71593 | DLLA143P 93 | 0433 171 089 | | | | 5x0,30x143° | Nozzle |
| 71596 | DLLA143P 96 | 0433 171 092 | | | | 4x0,33x143° | Nozzle |
| 71597 | DLLA148P 97 | 0433 171 093 | | | | 4x0,32x148° | Nozzle |
| 71599 | DLLA150P 99 | 0433 171 095 | | | | 5x0,34x150° | Nozzle |
| 715994 | DLLA153P 034M | | | | | 5x0,27x153° | Nozzle |
| 715995 | DLLA153P 035M | | | | | 5x0,25x153° | Nozzle |
| 71600 | DLLA150P 100 | 9430 084 702 | | | | 5x0,28x150° | Nozzle |
| 71606 | DLLA150P 106 | 9430 084 703 | | | | 5x0,29x150° | Nozzle |
| 71610 | DLLA150P 110 | 0433 171 100 | | | | 4x0,37x150° | Nozzle |
| 71612 | DLLA150P 112 | 9430 084 708 | | | | 4x0,36x150° | Nozzle |
| 71613 | DLLA150P 113 | 0433 171 102 | | | | 4x0,30x150° | Nozzle |
| 71614 | DLLA155P 114 | 0433 171 103 | | | | 4x0,32x155° | Nozzle |
| 71615 | DLLA150P 115 | 0433 171 104 | | | | 4x0,32x150° | Nozzle |
| 71618 | DLLA144P 118 | 0433 171 107 | | | | 4x0,32x144° | Nozzle |
| 71619 | DLLA150P 119 | 0433 171 108 | | | | 5x0,40x150° | Nozzle |
| 71622 | DLLA143P 122 | 0433 171 111 | | | | 4x0,34x143° | Nozzle |
| 71623 | DLLA143P 123 | 0433 171 112 | | | | 4x0,38x143° | Nozzle |
| 71625 | DLLA155P 125 | 0433 171 113 | | | | 4x0,29x155° | Nozzle |
| 716291 | DLLA150P 129/ | 9430 084 711 | | | | 5x0,33x150° | Nozzle |
| 71630 | DLLA150P 130 | 0433 171 118 | | | | 4x0,34x150° | Nozzle |
| 71631 | DLLA150P 131 | 0433 171 119 | | | | 4x0,30x150° | Nozzle |
| 71633 | DLLA150P 133 | 0433 171 121 | | | | 4x0,34x150° | Nozzle |
| 71635 | DLLA155P 135 | 0433 171 123 | | | | 4x0,35x155° | Nozzle |
| 71639 | DLLA146P 139 | 0433 171 127 | | | | 4x0,39x146° | Nozzle |
| 71640 | DLLA146P 140 | 0433 171 128 | | | | 4x0,44x146° | Nozzle |
| 71644 | DLLA144P 144 | 0433 171 130 | | | | 5x0,36x144° | Nozzle |
| 71645 | DLLA150P 145 | 0433 171 131 | | | | 4x0,33x150° | Nozzle |
| 71649 | DLLA148P 149 | 0433 171 134 | | | | 5x0,33x148° | Nozzle |
| 71653 | DLLA155P 153 | 9430 084 714 | | | | 4x0,29x155° | Nozzle |
| 716542 | DLLA146P 154- | 0433 171 165 | | | | 5x0,38x146° | Nozzle |
| 71655 | DLLA150P 155 | 9430 084 715 | | | | 4x0,36x150° | Nozzle |
| 71657 | DLLA155P 157 | 0433 171 140 | | | | 4x0,31x155° | Nozzle |
| 71660 | DLLA143P 160 | 0433 171 143 | | | | 4x0,34x143° | Nozzle |
| 71661 | DLLA158P 161 | 0433 171 144 | | | | 7x0,24x158° | Nozzle |
| 71663 | DLLA148P 163 | 0433 171 146 | | | | 4x0,32x148° | Nozzle |
| 71664 | DLLA148P 164 | 0433 171 147 | | | | 4x0,31x148° | Nozzle |
| 71666 | DLLA146P 166 | 0433 171 149 | | | | 4x0,41x146° | Nozzle |
| 716662 | DLLA146P 166/ | 0433 171 214 | | | | 4x0,40x146° | Nozzle |
| 71667 | DLLA150P 167 | 0433 171 150 | | | | 5x0,295x150° | Nozzle |
| 71668 | DLLA158P 168 | 0433 171 151 | | | | 7x0,26x158° | Nozzle |
| 71671 | DLLA160P 171 | 0433 171 153 | | | | 5x0,29x160° | Nozzle |
| 716741 | DLLA150P 174/ | 9430 084 717 | | | | 5x0,28x150° | Nozzle |
| 71675 | DLLA140P 175 | 0433 171 154 | | | | 4x0,29x140° | Nozzle |
| 71677 | DLLA150P 177 | 0433 171 156 | | | | 5x0,36x150° | Nozzle |
| 71678 | DLLA150P 178 | 0433 171 157 | | | | 5x0,32x150° | Nozzle |
| 71679 | DLLA155P 179 | 0433 171 158 | | | | 6x0,24x155° | Nozzle |
| 716791 | DLLA155P 179 | F019 121 179 | | | | 7x0,235x155° | Nozzle |
| 71680 | DLLA134P 180 | 0433 171 159 | | | | 4x0,29x134° | Nozzle |
| 716801 | DLLA155P 180 | F019 121 180 | | | | 7x0,245x155° | Nozzle |
| 71683 | DLLA150P 183 | 9430 084 718 | | | | 5x0,30x150° | Nozzle |
| 71684 | DLLA144P 184 | 0433 171 161 | | | | 4x0,39x144° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 716842 | DLLA144P 184/ | 0433 171 174 | | | | 4x0,40x144° | Nozzle |
| 71686 | DLLA134P 186 | 0433 171 162 | | | | 5x0,37x134° | Nozzle |
| 71690 | DLLA146P 190 | 0433 171 163 | | | | 5x0,355x146° | Nozzle |
| 71699 | DLLA150P 199 | 0433 171 168 | | | | 5x0,35x150° | Nozzle |
| 71703 | DLLA146P 203 | 0433 171 169 | | | | 5x0,40x146° | Nozzle |
| 71705 | DLLA150P 205 | 0433 171 171 | | | | 4x0,30x150° | Nozzle |
| 71706 | DLLA154P 206 | 0433 171 172 | | | | 4x0,25x154° | Nozzle |
| 71709 | DLLA160P 209 | 0433 171 173 | | | | 3+3x0,27x160° | Nozzle |
| 71712 | DLLA150P 212 | 9430 394 401 | | | | 4x0,24x150° | Nozzle |
| 71717 | DLLA155P 217 | F019 121 217 | | | | 7x0,245x155° | Nozzle |
| 71721 | DLLA142P 221 | 0433 171 180 | | | | 5x0,32x142° | Nozzle |
| 71724 | DLLA146P 224 | 0433 171 182 | | | | 5x0,32x146° | Nozzle |
| 71728 | DLLA150P 228 | 0433 171 186 | | | | 4x0,28x150° | Nozzle |
| 71729 | DLLA148P 229 | 0433 171 187 | | | | 6x0,24x148° | Nozzle |
| 71730 | DLLA155P 230 | 0433 171 188 | CP | | | 8x0,26x155° | Nozzle |
| 71732 | DLLA150P 232 | 0433 171 190 | | | | 4x0,30x150° | Nozzle |
| 71735 | DLLA150P 235 | 0433 171 193 | | | | 5x0,28x150° | Nozzle |
| 71741 | DLLA148P 241 | 0433 171 195 | | | | 5x0,32x148° | Nozzle |
| 71750 | DLLA135P 250 | 0433 171 200 | | | | 5x0,30x135° | Nozzle |
| 71770 | DLLA155P 270 | 0433 171 204 | | | | 5x0,29x155° | Nozzle |
| 71771 | DLLA140P 271 | 9430 084 731 | | | | 6x0,21x140° | Nozzle |
| 71773 | DLLA155P 273 | 0433 171 205 | | | | 4x0,28x155° | Nozzle |
| 71774 | DLLA155P 274 | 0433 171 206 | | | | 4x0,31x155° | Nozzle |
| 71777 | DLLA155P 277 | 0433 171 208 | | | | 4x0,34x155° | Nozzle |
| 71782 | DLLA155P 282 | 9430 084 734 | | | | 5x0,33x155° | Nozzle |
| 71785 | DLLA152P 285 | 0433 171 210 | | | | 6x0,28x152° | Nozzle |
| 71786 | DLLA145P 286 | 0433 171 211 | | | | 6x0,23x145° | Nozzle |
| 71796 | DLLA134P 296 | 0433 171 215 | | | | 6x0,26x134° | Nozzle |
| 71799 | DLLA150P 299 | 0433 171 216 | | | | 4x0,29x150° | Nozzle |
| 71805 | DLLA140P 305 | 0433 171 220 | | | | 4x0,35x140° | Nozzle |
| 71806 | DLLA155P 306 | 0433 171 221 | CP | | | 8x0,24x155° | Nozzle |
| 71807 | DLLA155P 307 | 0433 171 222 | | | | 8x0,26x155° | Nozzle |
| 71809 | DLLA145P 309 | 9430 084 732 | | | | 5x0,27x145° | Nozzle |
| 71810 | DLLA145P 310 | 9430 084 733 | | | | 5x0,27x145° | Nozzle |
| 71812 | DLLA142P 312 | 0433 171 223 | | | | 5x0,35x142° | Nozzle |
| 71813 | DLLA152P 313 | 0433 171 224 | | | | 6x0,26x152° | Nozzle |
| 71815 | DLLA150P 315 | 0433 171 225 | | | | 5x0,26x150° | Nozzle |
| 71816 | DLLA154P 316 | 0433 171 226 | | | | 4x0,25x154° | Nozzle |
| 71823 | DLLA140P 323 | 9430 084 740 | | | | | Nozzle |
| 71826 | DLLA150P 326 | 0433 171 231 | | | | 5x0,27x150° | Nozzle |
| 71828 | DLLA145P 328 | 0433 171 232 | | | | 6x0,23x145° | Nozzle |
| 71829 | DLLA148P 329 | 0433 171 233 | | | | 7x0,25x148° | Nozzle |
| 71832 | DLLA154P 332 | 9430 084 742 | | | | 5x0,28x154° | Nozzle |
| 71833 | DLLA155P 332 | | | | | 8x0,25x155° | Nozzle |
| 71834 | DLLA155P 334 | | | | | 8x0,27x155° | Nozzle |
| 71835 | DLLA152P 335 | 0433 171 237 | | | | 6x0,27x152° | Nozzle |
| 71839 | DLLA152P 339 | 0433 171 241 | | | | 6x0,29x152° | Nozzle |
| 71845 | DLLA150P 345 | 0433 171 246 | | | | 4x0,28x150° | Nozzle |
| 71853 | DLLA144P 353 | 0433 171 252 | | | | 5x0,23x144° | Nozzle |
| 71854 | DLLA144P 354 | 0433 171 251 | | | | 5x0,23x144° | Nozzle |
| 71855 | DLLA153P 355 | 0433 171 253 | | | | 5x0,33x153° | Nozzle |
| 71860 | DLLA147P 360 | 0433 171 257 | | | | 5x0,22x147° | Nozzle |
| 71869 | DLLA149P 369 | 0433 171 262 | | | | 5x0,32x149° | Nozzle |
| 71870 | DLLA147P 370 | 0433 171 263 | | | | 5x0,22x147° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|-----------------|---------------|--------------|----|-----|-----|----------------|------------------|
| 71871 | DLLA134P 371 | 0433 171 264 | | | | 6x0,28x134° | Nozzle |
| 71872 | DLLA134P 372 | 0433 171 265 | | | | 6x0,25x134° | Nozzle |
| 71873 | DLLA135P 373 | 0433 171 266 | | | | 5x0,27x135° | Nozzle |
| 71874 | DLLA152P 378 | 0433 171 268 | | | | 5x0,27x152° | Nozzle |
| 71875 | DLLA145P 392 | 0433 171 280 | | | | 5x0,33x145° | Nozzle |
| 718754 | DLLA145P 394 | 0433 171 281 | | | | 5x0,26x145° | Nozzle |
| 718758 | DLLA138P 401 | 0433 171 285 | | | | 5x0,28x138° | Nozzle |
| 71876 | DLLA138P 403 | 0433 171 287 | | | | 5x0,33x138° | Nozzle |
| 718761 | DLLA142P 406 | 0433 171 289 | | | | 6x0,26x142° | 2 Springs Nozzle |
| 718762 | DLLA148P 408 | 0433 171 291 | | | | 7x0,24x148° | Nozzle |
| 7187623 | DLLA140P 411 | 0433 171 294 | | | | 5x0,265x140° | Nozzle |
| 718763 | DLLA142P 418 | 0433 171 298 | | | | 6x0,25x142° | Nozzle |
| 7187631 | DLLA142P 419 | 0433 171 299 | | | | 6x0,24X142° | Nozzle |
| 718764 | DLLA134P 422 | 0433 171 303 | | | | 5x0,28x134° | Nozzle |
| 718766 | DLLA134P 423 | 0433 171 304 | CP | | | 6x0,19x134° | Nozzle |
| 71877 | DLLA134P 424 | 0433 171 305 | CP | | | 6x0,185x134° | Nozzle |
| 718773 | DLLA168P 426 | 0433 171 306 | | | | 8x0,24x168° | Nozzle |
| 71878 | DLLA134P 430 | 0433 171 309 | | | | 5x0,28x134° | Nozzle |
| 718782 | DLLA134P 431 | 0433 171 310 | | | | 5x0,255x134° | Nozzle |
| 718786 | DLLA145P 438 | 0433 171 316 | | | | 6x0,215x145° | Nozzle |
| 71879 | DLLA144P 449 | 0433 171 323 | | | | 4x0,33x144° | Nozzle |
| 71880 | DLLA144P 450 | 0433 171 324 | | | | 4x0,36x144° | Nozzle |
| 71882 | DLLA152P 452 | 0433 171 326 | | | | 8x0,28x152° | Nozzle |
| 718820 | DLLA158P 456/ | 0433 171 329 | | | | 6x0,25x158° | Nozzle |
| 7188205 | DLLA149P 460 | 0433 171 333 | | | | 5x0,23x149° | Nozzle |
| 718821 | DLLA145P 466 | 0433 171 335 | | | | 6x0,21x145° | Nozzle |
| 718822 | DLLA160P 469 | 0433 171 338 | | | | 4x0,21x160° | Nozzle |
| 7188222 | DLLA143P 471 | 0433 171 340 | | | | 5x0,26x143° | Nozzle |
| 7188223 | DLLA160P 473 | 0433 171 341 | | | | 6x0,32x158° | Nozzle |
| 7188224 | DLLA150P 476+ | 0433 171 343 | | | | 6x0,23x150° | Nozzle |
| 7188225 | DLLA142P 479 | 0433 171 345 | | | | 6x0,225x142° | Nozzle |
| 7188226 | DLLA152P 486/ | 0433 171 350 | | | | 6x0,34x152° | Nozzle |
| 718823 | DLLA143P 495 | 0433 171 357 | | | | 4x0,36x143° | Nozzle |
| 7188236 | DLLA152P 496 | 0433 171 358 | | | | 8x0,25x152° | Nozzle |
| 718824 | DLLA146P 499 | 0433 171 360 | | | | 5x0,34x146° | Nozzle |
| 7188242 | DLLA148P 500 | 0433 171 361 | | | | 6x0,21x148° | Nozzle |
| 718825 | DLLA145P 504 | 0433 171 363 | | | | 6x0,22x145° | Nozzle |
| 7188250 | DLLA144P 510 | 0433 171 366 | | | | 5x0,27X144 | Nozzle |
| 71882502 | DLLA148P 513 | 0433 171 369 | | | | 6x0,26x148° | Nozzle |
| 71882503 | DLLA149P 514 | 0433 171 370 | | | | 6x0,225x149° | Nozzle |
| 71882505 | DLLA148P 522 | 0433 171 386 | | | | 7x0,24x148° | Nozzle |
| 71882506 | DLLA144P 521 | 0433 171 385 | | | | 5x0,23x144° | Nozzle |
| 71882507 | DLLA150P 524 | 0433 171 387 | | | | 5x0,23x144° | Nozzle |
| 7188251 | DLLA144P 527 | 0433 171 390 | | | | 5x0,21x144° | Nozzle |
| 718826 | DLLA149P 528 | 0433 171 391 | | | | 6x0,24x149° | Nozzle |
| 718827 | DLLA135P 530 | 0433 171 393 | CP | | | 5x0,30x135° | Nozzle |
| 718828 | DLLA152P 531 | 0433 171 394 | | | | 7x0,27x152° | Nozzle |
| 71883 | DLLA147P 538 | 0433 171 398 | CP | | | 8x0,22x147° | Nozzle |
| 718833 | DLLA149P 541 | 0433 171 400 | | | | | Nozzle |
| 718835 | DLLA150P 545/ | 0433 171 403 | | | | 8x0,31x150° | Nozzle |
| 71885 | DLLA137P 553 | 9430 084 749 | | | | 5x0,26x137° | Nozzle |
| 718852 | DLLA150P 555 | 0433 171 407 | | | | 6x0,23x150° | Nozzle |
| 718853 | DLLA155P 556 | 0433 171 408 | | | | 7x0,235x155° | Nozzle |
| 71886 | DLLA155P 564 | 0433 171 413 | | | | 5x0,30x155° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|----------------|----------------|--------------|----|-----|-----|----------------|------------------|
| 718862 | DLLA152P 566 | 0433 171 414 | | | | 8x0,25x152° | Nozzle |
| 718866 | DLLA155P 570 | 0433 171 431 | | | | 5x0,31x155° | Nozzle |
| 718868 | DLLA152P 571 | 0433 171 432 | | | | 6x0,245x152° | Nozzle |
| 71887 | DLLA155P 572/ | 0433 171 433 | CP | | | 8x0,20x155° | UIS Nozzle |
| 718872 | DLLA155P 572/+ | | CP | | | 8x0,19x155° | UIS Nozzle |
| 718873 | DLLA150P 573 | 0433 171 434 | CP | | | 8x0,22x150° | Nozzle |
| 718874 | DLLA145P 574 | 0433 171 435 | | | | 5x0,26x145° | Nozzle |
| 71888 | DLLA160P 577 | 0433 171 436 | CP | | | 8x0,20x160° | Nozzle |
| 718881 | DLLA155P 579+ | 0433 171 438 | | | | 8x0,25x155° | Nozzle |
| 718882 | DLLA145P 580/ | 0433 171 439 | | | | 6x0,24x145° | UIS Nozzle |
| 718883 | DLLA146P 581 | 0433 171 440 | | | | 6x0,30x146° | Nozzle |
| 718885 | DLLA150P 585 | 0433 171 444 | | | | 5x0,28x150° | Nozzle |
| 718888 | DLLA145P 593 | 0433 171 448 | CP | | | 8x0,21x145° | 2 Springs Nozzle |
| 718892 | DLLA154P 596++ | 0433 171 450 | CP | | | 8x0,20x154° | Nozzle |
| 71890 | DLLA146P 600 | 9430 084 757 | | | | 6x0,32x146° | Nozzle |
| 718901 | DLLA149P 601 | 0433 171 451 | CP | | | 8x0,23x149° | 2 Springs Nozzle |
| 7189023 | DLLA145P 605 | 0433 171 453 | | | | 5x0,24x145° | Nozzle |
| 7189024 | DLLA145P 606 | 0433 171 454 | | | | 5x0,27x145° | Nozzle |
| 7189027 | DLLA145P 609 | 0433 171 456 | CP | | | 8x0,19x145° | 2 Springs Nozzle |
| 718903 | DLLA148P 610 | 0433 171 457 | | | | 7x0,25x148° | Nozzle |
| 7189031 | DLLA148P 611 | 0433 171 458 | | | | 7x0,225x148° | Nozzle |
| 7189034 | DLLA155P 614 | 0433 171 461 | | | | 5x0,295x155° | Nozzle |
| 718904 | DLLA145P 618 | 9430 084 759 | | | | 5x0,26x145° | Nozzle |
| 718905 | DLLA145P 627 | 0433 171 466 | CP | | | 8x0,185x145° | 2 Springs Nozzle |
| 718906 | DLLA140P 629 | 0433 171 467 | | | | 5x0,28x140° | Nozzle |
| 7189062 | DLLA145P 632 | 0433 171 468 | | | | 6x0,245x145° | Nozzle |
| 718907 | DLLA160P 634 | 0433 171 469 | CP | | | 4x0,165x160° | Nozzle |
| 71891 | DLLA150P 635 | 0433 171 470 | CP | | | 8x0,20x150° | UIS Nozzle |
| 718914 | DLLA159P 638 | 0433 171 473 | CP | | | 8x0,16x159° | 2 Springs Nozzle |
| 71892 | DLLA155P 657 | 0433 171 465 | | | | 8x0,24x155° | Nozzle |
| 718922 | DLLA147P 658 | 0433 171 478 | | | | 5x0,25x147° | Nozzle |
| 718924 | DLLA152P 660 | 0433 171 480 | | | | 5x0,30x152° | Nozzle |
| 718926 | DLLA144P 666 | 0433 171 485 | | | | 6x0,20x144° | Nozzle |
| 718928 | DLLA158P 678 | 0433 171 493 | CP | | | 8x0,22x156° | Nozzle |
| 71893 | DLLA147P 680 | 0433 171 495 | | | | 5x0,28x147° | Nozzle |
| 71894 | DLLA148P 694 | 0433 171 509 | | | | 5x0,30x148° | Nozzle |
| 718942 | DLLA146P 708 | 0433 171 519 | | | | 5x0,38x146° | Nozzle |
| 718943 | DLLA154P 709+ | 0433 171 520 | CP | | | 8x0,20x154° | Nozzle |
| 718945 | DLLA150P 711 | 0433 171 521 | | | | 6x0,31x150° | Nozzle |
| 7189459 | DLLA158P 730 | 0433 171 530 | | | | 6x0,245x157° | Nozzle |
| 718946 | DLLA142P 731 | F000 430 300 | | | | 5x0,35x142° | Nozzle |
| 718948 | DLLA145P 748 | 0433 171 536 | CP | | | 6x0,16x145° | 2 Springs Nozzle |
| 718955 | DLLA155P 765 | 0433 171 545 | CP | | | 6x0,21x155° | UIS Nozzle |
| 718957 | DLLA145P 785/ | 0433 171 550 | | | | 6x0,29x145° | Nozzle |
| 718958 | DLLA147P 799 | 0433 171 555 | | | | 8x0,25x147° | Nozzle |
| 718959 | DLLA153P 810 | 0433 171 557 | CP | | | 8x0,13x153° | Nozzle |
| 718961 | DLLA156P 819 | 0433 171 561 | CP | | | 8x0,16x156° | Nozzle |
| 718962 | DLLA155P 822 | 0433 171 562 | CP | DLC | | 8x0,205x155° | CR Nozzle |
| 718963 | DLLA140P 826 | 0433 171 564 | CP | | | 8x0,22x140° | UIS Nozzle |
| 718965 | DLLA148P 836 | 0433 171 570 | CP | | | 6x0,18x148° | Nozzle |
| 718966 | DLLA134P 846 | 0433 171 574 | | | | 5x0,36x134° | Nozzle |
| 718967 | DLLA150P 847 | 0433 171 575 | CP | | | 8x0,21x150° | UIS Nozzle |
| 718968 | DLLA150P 848 | 0433 171 576 | CP | | | 8x0,20x150° | UIS Nozzle |
| 7189682 | DLLA156P 850 | 0433 171 578 | CP | | | 8x0,16x156° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|-----------------|----------------|--------------|----|-----|-----|----------------|-------------|
| 7189686 | DLLA147P 854 | 0433 171 579 | | | | 5x0,27x147° | Nozzle |
| 7189688 | DLLA154P 866 | 0433 171 583 | CP | | | 7x0,25x154° | Nozzle |
| 718969 | DLLA155P 872 | 0433 171 584 | | | | 6x0,23x155° | UIS Nozzle |
| 7189691 | DLLA155P 872+ | | | | | 6x0,265x155° | UIS Nozzle |
| 7189693 | DLLA147P 875 | 0433 171 585 | | | | 5x0,245x147° | Nozzle |
| 7189697 | DLLA155P 885 | 0433 171 592 | | | | 8x0,265x155° | Nozzle |
| 718970 | DLLA156P 889/ | 0433 171 594 | CP | DLC | | 6x0,17x156° | CR Nozzle |
| 718971 | DLLA143P 894/ | 0433 171 596 | CP | | | 8x0,195x143° | UIS Nozzle |
| 718972 | DLLA152P 903 | 0433 171 600 | | | | 5x0,24x152° | UIS Nozzle |
| 7189723 | DLLA147P 905 | | | | | 6x0,23x147° | Nozzle |
| 718973 | DLLA150P 913 | 0433 171 607 | | | | 6x0,227x150° | Nozzle |
| 718975 | DLLA145P 926+ | | CP | | | 5x0,175x145° | CR Nozzle |
| 718986 | DLLA151P 941 | 0433 171 624 | | | | 6x0,235x151° | Nozzle |
| 718987 | DLLA150P 943+ | 0433 171 628 | | | | 6x0,235x150° | Nozzle |
| 7189875 | DLLA147P 945 | 0433 171 630 | | | | | Nozzle |
| 718988 | DLLA140P 947 | 0433 171 631 | CP | | | 8x0,225x140° | UIS Nozzle |
| 71900 | DLLA150P 957 | 0433 171 634 | CP | | | 8x0,195x150° | Nozzle |
| 719003 | DLLA156P 963+ | 0433 171 637 | CP | | | 8x0,17x156° | Nozzle |
| 7190035 | DLLA152P 967 | 0433 171 640 | CP | | | 7x0,225x152° | Nozzle |
| 7190036 | DLLA168P 1006 | 0433 171 650 | | | | 8x0,26x168° | Nozzle |
| 71900365 | DLLA150P 1008 | 0433 171 651 | | | | 7x0,21x150° | Nozzle |
| 7190037 | DLLA148P 1010 | 0433 171 653 | CP | | | 6x0,20x148° | Nozzle |
| 7190038 | DLLA150P 1011/ | 0433 171 654 | CP | | | 5x0,165x150° | CR Nozzle |
| 719004 | DLLA145P 1015 | 0433 171 658 | | | | 7x0,28x145° | Nozzle |
| 719005 | DLLA160P 1032+ | 0433 171 676 | CP | | | 8x0,20x160° | Nozzle |
| 7190068 | DLLA147P 1048+ | 0433 171 679 | CP | | | 6x0,185x147° | Nozzle |
| 71900681 | DLLA147P 1049+ | 0433 171 680 | CP | | | 6x0,17x147° | Nozzle |
| 7190069 | DLLA144P 1050 | 0433 171 681 | CP | DLC | | 6x0,18x144° | CR Nozzle |
| 719007 | DLLA140P 1051 | 0433 171 682 | CP | DLC | | 6x0,16x140° | CR Nozzle |
| 719008 | DLLA150P 1053 | 0433 171 684 | CP | | | 7x0,19x150° | Nozzle |
| 719009 | DLLA150P 1054 | 0433 171 685 | CP | | | 7x0,19x150° | Nozzle |
| 7190093 | DLLA156P 1059 | 0433 171 688 | CP | | | 8x0,155x156° | Nozzle |
| 7190098 | DLLA160P 1063+ | 0433 171 690 | CP | | | 6x0,16x160° | CR Nozzle |
| 719010 | DLLA148P 1067 | 0433 171 693 | CP | | | 6x0,18x148° | CR Nozzle |
| 7190102 | DLLA143P 1069 | 0433 171 695 | | | | | CR Nozzle |
| 719011 | DLLA150P 1076 | 0433 171 699 | CP | DLC | | 8x0,205x150° | CR Nozzle |
| 7190119 | DLLA153P 1080 | 0433 171 702 | CP | | | 8x0,185x153° | Nozzle |
| 719012 | DLLA152P 1081 | 0433 171 703 | CP | | | 8x0,19x152° | Nozzle |
| 7190141 | DLLA156P 1107+ | 0433 171 712 | CP | DLC | | 6x0,165x156° | CR Nozzle |
| 719016 | DLLA156P 1114 | 0433 171 719 | CP | | | 6x0,19x156° | CR Nozzle |
| 7190164 | DLLA150P 1120+ | 0433 171 724 | | | | 6x0,24x150° | Nozzle |
| 7190165 | DLLA147P 1121+ | 0433 171 362 | | | | 7x0,265x147° | Nozzle |
| 7190168 | DLLA140P 1144 | 0433 171 734 | | | | 5x0,28x140° | Nozzle |
| 719017 | DLLA150P 1151 | 0433 171 736 | CP | | | 8x0,22x150° | Nozzle |
| 7190171 | DLLA150P 1151 | | CP | DLC | | | Nozzle |
| 7190177 | DLLA150P 1163+ | 0433 171 740 | CP | | | 6x0,24x150° | Nozzle |
| 7190178 | DLLA150P 1164+ | 0433 171 741 | CP | | | 6x0,235x150° | Nozzle |
| 719018 | DLLA151P 1169 | 0433 171 743 | CP | | | 6x0,21x151° | Nozzle |
| 719019 | DLLA144P 1170 | 0433 171 744 | CP | | | 7x0,19x144° | Nozzle |
| 719020 | DLLA140P 1181 | 0433 171 748 | | | | 5x0,27x140° | Nozzle |
| 7190205 | DLLA145P 1189 | 0433 171 751 | | | | 6x0,30x142° | Nozzle |
| 719021 | DLLA150P 1197/ | 0433 171 755 | CP | DLC | | 6x0,16x150° | CR Nozzle |
| 719023 | DLLA166P 1217 | 0433 171 767 | | | | 8x0,24x166° | Nozzle |
| 719024 | DLLA148P 1221 | 0433 171 771 | CP | | | 6x0,15x148° | CR Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|------------------|-----------------|--------------|----|-----|-----|---------------------|-------------|
| 7190244 | DLLA150P 1224 | 0433 171 774 | CP | | | 5x0,135x150° | Nozzle |
| 7190246 | DLLA158P 1226 | 0433 171 776 | | | | 8x0,25x158° | Nozzle |
| 7190253 | DLLA147P 1229 | 0433 171 779 | | | | 6x0,24x147° | Nozzle |
| 7190254 | DLLA147P 1230 | 0433 171 780 | CP | DLC | | 7x0,205x147° | Nozzle |
| 719026 | DLLA153P 1246++ | 0433 171 788 | CP | DLC | | 7x0,14x153° | CR Nozzle |
| 719028 | DLLA144P 1264+ | 0433 171 797 | | | | 5x0,22x144° | Nozzle |
| 719029 | DLLA150P 1269 | 0433 171 799 | | | | 8x0,25x150° | UIS Nozzle |
| 7190291 | DLLA153P 1270+ | 0433 171 800 | CP | DLC | | 7x0,14x153° | CR Nozzle |
| 7190299 | DLLA150P 1285 | 0433 171 808 | | | | 6x0,245x150° | Nozzle |
| 71903 | DLLA152P 1286 | 0433 171 809 | CP | | | 8x0,19x152° | Nozzle |
| 719032 | DLLA146P 1296+ | 0433 171 811 | CP | DLC | | 5x0,19x146° | Nozzle |
| 719033 | DLLA146P 1297 | 0433 171 812 | | | | 5x0,245x146° | Nozzle |
| 719035 | DLLA160P 1308 | 0433 171 817 | | | | | CR Nozzle |
| 7190353 | DLLA148P 1312 | 0433 171 819 | CP | DLC | | 6x0,19x158° | CR Nozzle |
| 7190354 | DLLA134P 1314 | F000 430 309 | | | | | Nozzle |
| 719036 | DLLA148P 1334 | 0433 171 828 | | | | | CR Nozzle |
| 719038 | DLLA146P 1339++ | 0433 171 831 | CP | DLC | | 6x0,25x146° | CR Nozzle |
| 7190386 | DLLA148P 1347 | 0433 171 838 | | | | | CR Nozzle |
| 7190389 | DLLA150P 1351 | 0433 171 841 | CP | | | 5x0,185x150° | Nozzle |
| 719039 | DLLA150P 1352 | 0433 171 842 | CP | | | 5x0,20x150° | Nozzle |
| 7190394 | DLLA142P 1363 | 0433 171 846 | CP | | | 6x0,15x142° | CR Nozzle |
| 7190399 | DLLA156P 1367 | 0433 171 847 | CP | | | 6x0,16x156° | CR Nozzle |
| 71904 | DLLA156P 1368 | 0433 171 848 | CP | | | 6x0,19x156° | CR Nozzle |
| 719041 | DLLA156P 1368/ | | CP | DLC | | 6x0,175x156° | CR Nozzle |
| 719042 | DLLA150P 1373 | 0433 171 853 | CP | DLC | | 6x0,125x150° | CR Nozzle |
| 719043 | DLLA140P 1377/ | 0433 171 855 | CP | DLC | | 8x0,14x140° | CR Nozzle |
| 719044 | DLLA158P 1385 | 0433 171 860 | CP | DLC | | 7x0,155x158° | CR Nozzle |
| 719048 | DLLA135P 1400 | 0433 171 867 | CP | | | 8x0,18x133° | Nozzle |
| 71905 | DLLA143P 1404 | 0433 171 870 | CP | DLC | | 6x0,19x143° | CR Nozzle |
| 719050 | DLLA146P 1405/ | 0433 171 871 | CP | DLC | | 9x0,16x146° | CR Nozzle |
| 7190505 | DLLA144P 1413 | 0433 171 875 | | | | | Nozzle |
| 719051 | DLLA144P 1417 | 0433 171 878 | CP | DLC | | 7x0,245x144° | CR Nozzle |
| 7190511 | DLLA154P 1418 | 0433 171 879 | CP | DLC | | 7x0,185x154° | CR Nozzle |
| 7190512 | DLLA140P 1420 | 0433 171 881 | CP | | | 8x0,19x140° | Nozzle |
| 7190513 | DLLA157P 1424 | 0433 171 886 | CP | DLC | | 7x0,16x157° | CR Nozzle |
| 7190514 | DLLA157P 1425 | 0433 171 887 | CP | DLC | | 6x0,17x157° | CR Nozzle |
| 7190518 | DLLA150P 1437 | 0433 171 889 | CP | DLC | | 6x0,12x150° | Nozzle |
| 719052 | DLLA146P 1453 | 0433 171 900 | | | | 6x0,31x146° | Nozzle |
| 7190521 | DLLA152P 1454 | 0433 171 901 | CP | | | 8x0,19x152° | Nozzle |
| 7190522 | DLLA153P 1455 | 0433 171 902 | CP | | | 8x0,18x153° | Nozzle |
| 719053 | DLLA148P 1460 | 0433 171 904 | | | | 6x0,275x148° | Nozzle |
| 719054 | DLLA148P 1461 | 0433 171 905 | | | | 6x0,265x148° | Nozzle |
| 719055 | DLLA148P 1462 | 0433 171 906 | | | | 6x0,24x148° | Nozzle |
| 7190550 | DLLA149P 1471/ | 0433 171 914 | CP | DLC | | 6x0,12x149° | CR Nozzle |
| 7190551 | DLLA155P 1493 | 0433 171 921 | CP | DLC | | 6x0,15x155° | CR Nozzle |
| 71905512 | DLLA158P 1500 | 0433 171 924 | CP | DLC | | Ø3.5 - 7x0,155x158° | CR Nozzle |
| 719055124 | DLLA155P 1514 | 0433 171 935 | CP | DLC | | 6x0,16x155° | CR Nozzle |
| 719055125 | DLLA149P 1515/ | 0433 171 936 | CP | DLC | | 6x0,13x149° | CR Nozzle |
| 719055126 | DLLA145P 1517 | 0433 171 937 | CP | | | 8x0,205x145° | UIS Nozzle |
| 719055127 | DLLA148P 1524++ | 0433 171 939 | CP | DLC | | 8x0,195x148° | CR Nozzle |
| 719055129 | DLLA143P 1532 | 0433 171 944 | | | | | CR Nozzle |
| 71905513 | DLLA138P 1533 | 0433 171 945 | CP | DLC | | 8x0,14x138° | CR Nozzle |
| 71905514 | DLLA145P 1534 | 0433 171 946 | CP | | | 8x0,20x145° | UIS Nozzle |
| 71905516 | DLLA143P 1536 | 0433 171 947 | CP | DLC | | 8x0,15x143° | CR Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|------------------|----------------|--------------|----|-----|-----|---------------------|-------------|
| 71905518 | DLLA154P 1538+ | 0433 171 948 | CP | | | 7x0,205x154° | Nozzle |
| 71905519 | DLLA144P 1539 | 0433 171 949 | CP | DLC | | 7x0,20x144° | CR Nozzle |
| 7190552 | DLLA145P 1540 | 0433 171 950 | CP | | | 8x0,16x145° | UIS Nozzle |
| 71905521 | DLLA146P 1545 | 0433 171 953 | CP | DLC | | Ø3.5 - 8x0,165x146° | CR Nozzle |
| 71905522 | DLLA150P 1557 | 0433 171 960 | CP | DLC | | 6x0,15x150° | CR Nozzle |
| 719055229 | DLLA150P 1564 | 0433 171 963 | CP | DLC | | 7x0,18X150° | CR Nozzle |
| 71905523 | DLLA144P 1565 | 0433 171 964 | CP | DLC | | 8x0,20x144° | CR Nozzle |
| 71905524 | DLLA150P 1566 | 0433 171 965 | CP | DLC | | 7x0,21x150° | CR Nozzle |
| 71905525 | DLLA137P 1577 | 0433 171 966 | CP | DLC | | 8x0,15x137° | CR Nozzle |
| 71905526 | DLLA146P 1581 | 0433 171 968 | CP | DLC | | 7x0,195x146° | CR Nozzle |
| 71905527 | DLLA146P 1583 | 0433 171 969 | | | | 8x0,27x148° | Nozzle |
| 71905528 | DLLA142P 1595 | 0433 171 974 | CP | DLC | | 8x0,12x142° | CR Nozzle |
| 7190553 | DLLA122P 1602 | 0433 171 978 | CP | | | 7x0,22x122° | Nozzle |
| 71905534 | DLLA153P 1608 | 0433 171 982 | CP | DLC | | 8x0,15x153° | CR Nozzle |
| 71905535 | DLLA146P 1610 | 0433 171 984 | CP | DLC | | 8x0,145x146° | CR Nozzle |
| 71905536 | DLLA159P 1611/ | 0433 171 985 | CP | DLC | | Ø3.5 - 6x0,15x159° | CR Nozzle |
| 71905539 | DLLA143P 1619 | 0433 171 988 | CP | DLC | | 7x0,165x143° | CR Nozzle |
| 7190554 | DLLA150P 1622 | 0433 171 991 | CP | DLC | | 8x0,185x150° | CR Nozzle |
| 7190556 | DLLA145P 1647 | 0433 172 010 | CP | DLC | | 6x0,155x145° | CR Nozzle |
| 7190558 | DLLA142P 1654 | 0433 172 015 | CP | DLC | | 8x0,175x142° | CR Nozzle |
| 7190559 | DLLA145P 1655 | 0433 172 016 | CP | DLC | | 8x0,20x145° | CR Nozzle |
| 719056 | DLLA151P 1656 | 0433 172 017 | CP | DLC | | 7x0,16x151° | CR Nozzle |
| 7190562 | DLLA148P 1660 | 0433 172 019 | CP | DLC | | | CR Nozzle |
| 7190563 | DLLA152P 1661+ | 0433 172 020 | CP | DLC | | 8x0,115x152° | CR Nozzle |
| 7190566 | DLLA150P 1666 | 0433 172 022 | CP | DLC | | 6x0,16x150° | CR Nozzle |
| 7190568 | DLLA82P 1668 | 0433 172 024 | CP | DLC | | 6x0,15x82° | CR Nozzle |
| 719057 | DLLA155P 1674 | 0433 172 026 | CP | DLC | | 6x0,16x155° | CR Nozzle |
| 7190575 | DLLA152P 1681 | 0433 172 029 | CP | DLC | | 7x0,125x152° | CR Nozzle |
| 7190578 | DLLA145P 1686 | 0433 172 033 | CP | DLC | | 7x0,165x145° | CR Nozzle |
| 719058 | DLLA148P 1688 | 0433 172 034 | CP | DLC | | 7x0,17x148° | CR Nozzle |
| 7190582 | DLLA152P 1690 | 0433 172 036 | CP | DLC | | 8x0,18x152° | CR Nozzle |
| 7190583 | DLLA118P 1691 | 0433 172 037 | CP | DLC | | 5x0,20x118° | CR Nozzle |
| 71905836 | DLLA143P 1696 | 0433 172 039 | CP | DLC | | 8x0,215x143° | CR Nozzle |
| 71905837 | DLLA118P 1697 | 0433 172 040 | CP | DLC | | 5x0,22x118° | CR Nozzle |
| 71905838 | DLLA147P 1702 | 0433 172 044 | CP | DLC | | 6x0,15x147° | CR Nozzle |
| 7190584 | DLLA142P 1709 | 0433 172 047 | CP | DLC | | 7x0,205x142° | CR Nozzle |
| 71905849 | DLLA139P 1711 | 0433 172 048 | CP | DLC | | | CR Nozzle |
| 7190585 | DLLA150P 1712 | 0433 172 049 | CP | DLC | | 8x0,225x150° | CR Nozzle |
| 71905852 | DLLA145P 1714 | 0433 172 051 | CP | DLC | | 6x0,25x145° | CR Nozzle |
| 7190586 | DLLA144P 1707 | 0433 172 045 | CP | DLC | | 7x0,21x144° | CR Nozzle |
| 7190587 | DLLA145P 1720 | 0433 172 055 | CP | DLC | | 6x0,145x145° | CR Nozzle |
| 7190588 | DLLA153P 1721 | 0433 172 056 | CP | DLC | | 8x0,195x153° | CR Nozzle |
| 719059 | DLLA146P 1724 | 0433 172 058 | CP | DLC | | 7x0,205x146° | CR Nozzle |
| 7190591 | DLLA146P 1725 | 0433 172 059 | CP | DLC | | 7x0,19x146° | CR Nozzle |
| 7190592 | DLLA148P 1726 | 0433 172 060 | CP | DLC | | 8x0,215x148° | CR Nozzle |
| 7190595 | DLLA150P 1734 | 0433 172 061 | CP | DLC | | 7x0,13x150° | CR Nozzle |
| 7190596 | DLLA145P 1738 | 0433 172 062 | CP | DLC | | 6x0,15x145° | CR Nozzle |
| 7190597 | DLLA147P 1740 | 0433 172 064 | | | | | CR Nozzle |
| 7190598 | DLLA150P 1744 | 0433 172 067 | CP | DLC | | | CR Nozzle |
| 7190599 | DLLA132P 1755 | 0433 172 074 | CP | | | 6x0,19x133° | Nozzle |
| 719060 | DLLA152P 1768 | 0433 172 078 | CP | DLC | | 7x0,195x152° | CR Nozzle |
| 7190609 | DLLA122P 1779 | 0433 172 086 | | | | 8x0,215x122° | Nozzle |
| 719061 | DLLA160P 1780 | 0433 172 087 | CP | DLC | | 7x0,22x160° | Nozzle |
| 7190611 | DLLA150P 1781 | 0433 172 088 | CP | DLC | | 7x0,155x150° | CR Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|------------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 7190613 | DLLA149P 1787 | 0433 172 091 | CP | DLC | | 8x0,19x149° | CR Nozzle |
| 7190614 | DLLA145P 1794 | 0433 172 093 | CP | DLC | | Ø3.5 - 8x0,175x145° | CR Nozzle |
| 7190615 | DLLA154P 1795 | 0433 172 094 | CP | DLC | | 7x0,19x154° | CR Nozzle |
| 7190629 | DLLA147P 1814 | 0433 172 107 | CP | DLC | | Ø3.5 - 7x0,185x147° | CR Nozzle |
| 719063 | DLLA148P 1815 | 0433 172 108 | CP | DLC | | 7x0,195x148° | CR Nozzle |
| 7190634 | DLLA152P 1819 | 0433 172 111 | CP | DLC | | 7x0,21x152° | CR Nozzle |
| 7190637 | DLLA150P 1827 | 0433 172 115 | CP | DLC | | 8x0,17x150° | CR Nozzle |
| 7190638 | DLLA150P 1828 | 0433 172 116 | CP | DLC | | 8x0,17x150° | CR Nozzle |
| 71906387 | DLLA153P 1831/ | 0433 172 119 | CP | DLC | | Ø3.5 - 9x0,13x153° | CR Nozzle |
| 7190639 | DLLA152P 1832/ | 0433 172 120 | CP | DLC | | Ø3.5 - 9x0,14x152° | CR Nozzle |
| 7190641 | DLLA150P 2118 | 0433 172 118 | CP | DLC | | | CR Nozzle |
| 7190643 | DLLA150P 2123 | 0433 172 123 | CP | DLC | | 8x0,145x150° | CR Nozzle |
| 71906431 | DLLA146P 2124 | 0433 172 124 | CP | DLC | | Ø3.5 - 8x0,148x146° | CR Nozzle |
| 71906435 | DLLA151P 2128 | 0433 172 128 | CP | DLC | | 6x0,13x151° | CR Nozzle |
| 71906436 | DLLA148P 2129 | 0433 172 129 | CP | DLC | | 7x0,12x148° | CR Nozzle |
| 7190644 | DLLA145P 2135 | 0433 172 135 | CP | | | 6x0,165x145° | CR Nozzle |
| 71906441 | DLLA155P 2136 | 0433 172 136 | CP | DLC | | | CR Nozzle |
| 71906442 | DLLA152P 2137 | 0433 172 137 | CP | DLC | | 7x0,12x152° | CR Nozzle |
| 71906448 | DLLA150P 2143 | 0433 172 143 | CP | DLC | | 7x0,155x150° | CR Nozzle |
| 71906449 | DLLA145P 2144 | 0433 172 144 | CP | DLC | | Ø3.5 - 8x0,15x145° | CR Nozzle |
| 7190645 | DLLA146P 2145 | 0433 172 145 | CP | DLC | | Ø3.5 - 8x0,17x146° | CR Nozzle |
| 71906456 | DLLA141P 2146 | 0433 172 146 | CP | DLC | | 8x0,15x141° | CR Nozzle |
| 71906457 | DLLA150P 2147 | 0433 172 147 | CP | DLC | | 7x0,135x150° | CR Nozzle |
| 719064573 | DLLA145P 2150 | 0433 172 150 | CP | DLC | | Ø3.5 - 8x0,145x145° | CR Nozzle |
| 71906458 | DLLA150P 2153 | 0433 172 153 | CP | DLC | | Ø3.5 - 8x0,15x150° | CR Nozzle |
| 71906459 | DLLA150P 2154 | 0433 172 154 | CP | DLC | | 8x0,15x150° | CR Nozzle |
| 7190646 | DLLA143P 2155 | 0433 172 155 | CP | DLC | | Ø3.5 - 8x0,17x143° | CR Nozzle |
| 7190647 | DLLA148P 2158 | 0433 172 158 | CP | DLC | | Ø3.5 - 9x0,175x148° | CR Nozzle |
| 7190648 | DLLA162P 2160+ | 0433 172 160 | CP | DLC | | Ø3.5 - 8x0,12x152° | CR Nozzle |
| 7190649 | DLLA146P 2161/ | 0433 172 161 | CP | DLC | | Ø3.5 - 7x0,215x146° | CR Nozzle |
| 719065 | DLLA149P 2166 | 0433 172 166 | CP | DLC | | 8x0,215x149° | CR Nozzle |
| 7190652 | DLLA145P 2168 | 0433 172 168 | CP | DLC | | 7x0,155x145° | CR Nozzle |
| 71906525 | DLLA160P 2176 | 0433 172 176 | CP | DLC | | Ø3.5 - 8x0,13x160° | CR Nozzle |
| 71906527 | DLLA154P 2178 | 0433 172 178 | CP | | | 7x0,195x152° | Nozzle |
| 7190653 | DLLA158P 2181 | | | | | 8x0,23x158° | Nozzle |
| 71906531 | DLLA151P 2182 | 0433 172 182 | CP | DLC | | 7x0,21x151° | CR Nozzle |
| 7190654 | DLLA120P 2185 | 0433 172 185 | CP | DLC | | Ø3.5 - 6x0,23x120° | CR Nozzle |
| 71906543 | DLLA153P 2189 | 0433 172 189 | CP | DLC | | 8x0,18x153° | CR Nozzle |
| 71906546 | DLLA150P 2197 | 0433 172 197 | CP | DLC | | 8x0,175x150° | CR Nozzle |
| 7190655 | DLLA128P 2201 | 0433 172 201 | CP | DLC | | 5x0,22x128° | CR Nozzle |
| 7190656 | DLLA118P 2203 | 0433 172 203 | CP | DLC | | 5x0,22x118° | CR Nozzle |
| 7190657 | DLLA153P 2210 | 0433 172 210 | CP | DLC | | 7x0,17x153° | CR Nozzle |
| 7190658 | DLLA146P 2213 | 0433 172 213 | | | | | CR Nozzle |
| 7190659 | DLLA152P 2217 | 0433 172 217 | CP | DLC | | 8x0,155x152° | CR Nozzle |
| 71906592 | DLLA150P 2219 | 0433 172 219 | CP | DLC | | 8x0,138x150° | CR Nozzle |
| 719066 | DLLA148P 2221 | 0433 172 221 | CP | DLC | | 8x0,195x148° | CR Nozzle |
| 7190660 | DLLA148P 2222 | 0433 172 222 | CP | DLC | | 8x0,196x148° | CR Nozzle |
| 7190661 | DLLA139P 2229 | 0433 172 229 | CP | DLC | | 7x0,12x140° | CR Nozzle |
| 71906612 | DLLA148P 2232 | 0433 172 232 | CP | DLC | | | UIS Nozzle |
| 71906614 | DLLA149P 2239 | 0433 172 239 | CP | DLC | | 6x0,12x149° | CR Nozzle |
| 71906615 | DLLA151P 2240 | 0433 172 240 | CP | DLC | | 8x0,196x151° | CR Nozzle |
| 71906617 | DLLA138P 2246 | 0433 172 246 | CP | DLC | | 6x0,15x138° | CR Nozzle |
| 7190662 | DLLA150P 2259 | 0433 172 259 | CP | DLC | | 8x0,16x150° | CR Nozzle |
| 7190663 | DLLA142P 2262 | 0433 172 262 | CP | DLC | | 8x0,155x142° | CR Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|------------------|-----------------|--------------|----|-----|-----|---------------------|------------------|
| 7190664 | DLLA145P 2270 | 0433 172 270 | CP | DLC | | 8x0,14x145° | CR Nozzle |
| 7190665 | DLLA144P 2273 | 0433 172 273 | CP | DLC | | 7x0,21x144° | CR Nozzle |
| 7190666 | DLLA163P 2291+ | | | | | | CR Nozzle |
| 7190668 | DLLA154P 2302 | 0433 172 302 | CP | DLC | | Ø3.5 - 7x0,105x154° | CR Nozzle |
| 71906684 | DLLA155P 2307 | 0433 172 307 | CP | DLC | | | CR Nozzle |
| 7190669 | DLLA150P 2339 | 0433 172 339 | CP | DLC | | 8x0,138x150° | CR Nozzle |
| 71906692 | DLLA152P 2344 | 0433 172 344 | CP | DLC | | 7x0,185x152° | CR Nozzle |
| 71906693 | DLLA138P 2355 | 0433 172 355 | CP | DLC | | 7x0,135x138° | CR Nozzle |
| 71906694 | DLLA148P 2369 | 0433 172 369 | CP | DLC | | 8x0,19x148° | CR Nozzle |
| 71906695 | DLLA146P 2370 | 0433 172 370 | CP | DLC | | Ø3.5 - 8x0,145x146° | CR Nozzle |
| 719066955 | DLLA160P 2380 | 0433 172 380 | CP | DLC | | Ø3.5 - 7x0,12x160° | CR Nozzle |
| 71906696 | DLLA150P 2386 | 0433 172 386 | CP | DLC | | 8x0,192x150° | CR Nozzle |
| 71906698 | DLLA145P 2397 | 0433 172 397 | CP | DLC | | 8x0,17x145° | CR Nozzle |
| 719066981 | DLLA160P 2398 | 0433 172 398 | CP | DLC | | Ø3.5 - 7x0,12x160° | CR Nozzle |
| 719066985 | DLLA155P 2400+ | 0433 172 400 | CP | DLC | | Ø3.5 - 7x0,13x155° | CR Nozzle |
| 71906699 | DLLA150P 2440 | 0433 172 440 | CP | DLC | | 7x0,14x150° | CR Nozzle |
| 7190674 | DLLA147P 2474 | 0433 172 474 | CP | DLC | | 8x0,18x147° | CR Nozzle |
| 71911 | DSLA155P 84 | 0433 175 004 | | | | 4x0,31x155° | Nozzle |
| 71912 | DSLA155P 104 | 0433 175 005 | | | | 4x0,35x155° | Nozzle |
| 71914 | DSLA150P 143 | 0433 175 006 | | | | 4x0,245x150° | Nozzle |
| 71915 | DSLA155P 170 | 0433 175 007 | | | | 5x0,31x155° | Nozzle |
| 71916 | DSLA150P 191+/- | 0433 175 013 | CP | | | 5x0,21x150° | 2 Springs Nozzle |
| 71917 | DSLA145P 208 | 0433 175 017 | | | | 5x0,24x145° | 2 Springs Nozzle |
| 719171 | DSLA160P 192 | 0433 175 014 | | | | 5x0,31x160° | Nozzle |
| 719176 | DSLA124P 198 | 0433 175 016 | | | | 4x0,28x124° | Nozzle |
| 71918 | DSLA150P 211 | 0433 175 018 | | | | 5x0,26x150° | Nozzle |
| 71919 | DSLA148P 219 | 0433 175 020 | | | | 6x0,30x148° | Nozzle |
| 71931 | DSLA150P 261 | 0433 175 029 | | | | 5x0,24x150° | 2 Springs Nozzle |
| 719327 | DSLA145P 263 | 0433 175 031 | | | | 5x0,245x145° | Nozzle |
| 71933 | DSLA145P 265 | 0433 175 033 | | | | 6x0,25x145° | Nozzle |
| 71934 | DSLA145P 268 | 0433 175 036 | | | | 8x0,22x145° | Nozzle |
| 719341 | DSLA145P 269 | 0433 175 037 | | | | 8x0,24x145° | Nozzle |
| 719345 | DSLA155P 276 | 0433 175 039 | | | | 4x0,34x155° | Nozzle |
| 719347 | DSLA155P 278 | 0433 175 040 | | | | 5x0,31x155° | Nozzle |
| 71935 | DSLA150P 280- | 0433 175 042 | CP | | | 5x0,18x150° | 2 Springs Nozzle |
| 71936 | DSLA140P 292 | 0433 175 044 | | | | 5x0,27x140° | Nozzle |
| 71937 | DSLA150P 294 | 0433 175 046 | CP | | | 5x0,19x150° | Nozzle |
| 71940 | DSLA145P 300 | 0433 175 048 | | | | 5x0,29x145° | Nozzle |
| 71941 | DSLA145P 311M | | | | | 6x0,25x145° | Nozzle |
| 71942 | DSLA130P 320 | 0433 175 051 | | | | 5x0,30x130° | Nozzle |
| 71943 | DSLA130P 321 | 0433 175 052 | | | | 5x0,32x130° | Nozzle |
| 71944 | DSLA 78P 322 | 0433 175 053 | | | | 1x0,52x78° | Nozzle |
| 71950 | DSLA145P 330 | 0433 175 054 | | | | 5x0,23x145° | Nozzle |
| 71957 | DSLA150P 357 | 0433 175 058 | CP | | | 5x0,19x150° | 2 Springs Nozzle |
| 71962 | DSLA150P 362 | 0433 175 059 | CP | | | 5x0,21x150° | 2 Springs Nozzle |
| 71964 | DSLA145P 366 | 0433 175 061 | | | | 5x0,26x145° | 2 Springs Nozzle |
| 719665 | DSLA145P 379 | 0433 175 062 | CP | | | 8x0,23x145° | Nozzle |
| 719666 | DSLA145P 380 | 0433 175 063 | CP | | | 8x0,23x145° | Nozzle |
| 719667 | DSLA140P 381 | 0433 175 064 | | | | 7x0,22x140° | Nozzle |
| 719668 | DSLA145P 396 | 0433 175 066 | | | | 5x0,23x145° | Nozzle |
| 719669 | DSLA140P 400 | 0433 175 067 | | | | 5x0,27x140° | Nozzle |
| 71967 | DSLA141P 405 | 0433 175 068 | | | | 5x0,26x141° | Nozzle |
| 719677 | DSLA150P 442 | 0433 175 072 | CP | | | 5x0,185x150° | 2 Springs Nozzle |
| 71968 | DSLA145P 446 | 0433 175 073 | | | | 5x0,22x145° | 2 Springs Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|----------------|---------------|--------------|----|-----|-----|----------------|------------------|
| 71969 | DSLA150P 448 | 0433 175 074 | | | | 5x0,23x150° | Nozzle |
| 719691 | DSLA145P 462 | 0433 175 076 | | | | 5x0,23x145° | Nozzle |
| 7196912 | DSLA145P 463 | 0433 175 077 | | | | 5x0,245x145° | Nozzle |
| 7196914 | DSLA145P 464 | 0433 175 078 | | | | 5x0,23x145° | Nozzle |
| 7196916 | DSLA135P 468 | 0433 175 079 | | | | 5x0,28x135° | Nozzle |
| 719692 | DSLA 88P 480 | 0433 175 082 | | | | 4x0,31x88° | Nozzle |
| 719693 | DSLA148P 482 | 0433 175 083 | | | | 5x0,225x148° | Nozzle |
| 719694 | DSLA154P 492/ | 0433 175 085 | CP | | | 7x0,23x154° | Nozzle |
| 719695 | DSLA150P 502 | 0433 175 087 | CP | | | 5x0,21x150° | 2 Springs Nozzle |
| 719704 | DSLA150P 520 | 0433 175 093 | CP | | | 5x0,205x150° | 2 Springs Nozzle |
| 719705 | DSLA128P 523 | 0433 175 094 | | | | 5x0,265x128° | Nozzle |
| 719706 | DSLA147P 535 | 0433 175 095 | CP | | | 5x0,19x147° | 2 Springs Nozzle |
| 719708 | DSLA145P 537 | 0433 175 096 | CP | | | 8x0,255x145° | Nozzle |
| 71971 | DSLA134P 546 | 0433 175 099 | | | | 6x0,28x134° | Nozzle |
| 719715 | DSLA148P 575 | 0433 175 107 | CP | | | 5x0,22x148° | 2 Springs Nozzle |
| 719719 | DSLA148P 591 | 0433 175 110 | CP | | | 5x0,22x148° | 2 Springs Nozzle |
| 71973 | DSLA145P 603 | 0433 175 113 | | | | | Nozzle |
| 71974 | DSLA134P 604 | 0433 175 114 | | | | 5x0,26x134° | Nozzle |
| 719749 | DSLA145P 619 | 0433 175 117 | CP | | | 5x0,19x145° | Nozzle |
| 71975 | DSLA154P 620 | 0433 175 118 | | | | 5x0,235x154° | Nozzle |
| 71976 | DSLA145P 626 | 0433 175 125 | | | | 5x0,22x145° | Nozzle |
| 71977 | DSLA145P 631 | 0433 175 121 | CP | | | 5x0,21x145° | 2 Springs Nozzle |
| 719771 | DSLA145P 631+ | 0433 175 121 | CP | | | 5x0,215x145° | 2 Springs Nozzle |
| 71978 | DSLA135P 633 | 0433 175 122 | | | | 5x0,265x135° | Nozzle |
| 71979 | DSLA140P 640 | 0433 175 124 | | | | 5x0,225x140° | 2 Springs Nozzle |
| 71980 | DSLA150P 645 | 0433 175 130 | | | | 5x0,25x150° | Nozzle |
| 719801 | DSLA150P 646 | 0433 175 131 | CP | | | 5x0,165x150° | 2 Springs Nozzle |
| 719803 | DSLA150P 661 | 0433 175 136 | CP | | | 5x0,17x150° | 2 Springs Nozzle |
| 719805 | DSLA150P 672 | 0433 175 139 | CP | | | 5x0,16x150° | 2 Springs Nozzle |
| 719806 | DSLA150P 672- | 0433 175 360 | CP | | | 5x0,16x150° | 2 Springs Nozzle |
| 719808 | DSLA142P 683 | 0433 175 142 | CP | | | 5x0,18x142° | 2 Springs Nozzle |
| 71981 | DSLA150P 706 | 0433 175 150 | CP | | | 5x0,175x150° | 2 Springs Nozzle |
| 71982 | DSLA139P 710 | 0433 175 152 | CP | | | 5x0,215x139° | 2 Springs Nozzle |
| 719824 | DSLA147P 716 | 0433 175 156 | CP | | | 5x0,19x147° | 2 Springs Nozzle |
| 719832 | DSLA156P 736 | 0433 175 163 | CP | DLC | D/A | 6x0,175x156° | CR Nozzle |
| 719833 | DSLA156P 737 | 0433 175 164 | CP | DLC | D/A | 6x0,145x156° | CR Nozzle |
| 7198334 | DSLA140P 739 | 0433 175 165 | CP | | | 8x0,21x140° | Nozzle |
| 719834 | DSLA140P 741 | 0433 175 167 | CP | | | 8x0,19x140° | Nozzle |
| 7198345 | DSLA150P 745 | 0433 175 168 | CP | | | 5x0,145x150° | Nozzle |
| 7198348 | DSLA147P 759 | 0433 175 173 | CP | | | 7x0,20x147° | Nozzle |
| 719835 | DSLA145P 763 | 0433 175 175 | CP | DLC | | 5x0,185x145° | CR Nozzle |
| 719836 | DSLA145P 763+ | | CP | DLC | | 5x0,185x145° | CR Nozzle |
| 7198364 | DSLA150P 764 | 0433 175 176 | CP | | | 5x0,21x150° | 2 Springs Nozzle |
| 7198368 | DSLA142P 770/ | 0433175 178 | CP | | D/A | | Nozzle |
| 719837 | DSLA134P 772 | 0433 175 179 | | | | 5x0,25x134° | 2 Springs Nozzle |
| 719838 | DSLA150P 773 | 0433 175 180 | CP | | | 7x0,19x150° | 2 Springs Nozzle |
| 71984 | DSLA134P 781 | 0433 175 188 | | | | 6x0,28x134° | 2 Springs Nozzle |
| 719843 | DSLA150P 783 | 0433 175 189 | CP | | D/A | 5x0,19x150° | UIS Nozzle |
| 719844 | DSLA150P 784 | 0433 175 190 | CP | | | 6x0,18x148° | Nozzle |
| 71985 | DSLA155P 789 | 0433 175 192 | CP | | | 5x0,145x155° | CR Nozzle |
| 719851 | DSLA142P 792 | 0433 175 194 | CP | | | 5x0,18x142° | Nozzle |
| 719852 | DSLA142P 795 | 0433 175 196 | CP | DLC | | 5x0,18x142° | CR Nozzle |
| 7198527 | DSLA153P 797 | 0433 175 197 | CP | | | 7x0,195x153° | Nozzle |
| 7198528 | DSLA153P 798 | 0433 175 198 | CP | | | 7x0,19x153° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|----------------|-----------------|--------------|----|-----|-----|----------------|------------------|
| 719853 | DSLA150P 800/ | 0433 175 199 | CP | | D/A | 5x0,15x150° | UIS Nozzle |
| 7198531 | DSLA153P 801 | 0433 175 200 | CP | | | 7x0,185x153° | Nozzle |
| 719854 | DSLA153P 802 | 0433 175 201 | CP | | | 7x0,17x153° | Nozzle |
| 7198543 | DSLA153P 803 | 0433 175 202 | CP | DLC | | 7x0,18x153° | Nozzle |
| 7198544 | DSLA136P 804 | | CP | DLC | D/A | 5x0,205x136° | CR Nozzle |
| 719855 | DSLA136P 804/ | 0433 175 203 | CP | DLC | D/A | 5x0,205x136° | CR Nozzle |
| 71986 | DSLA134P 816 | 0433 175 208 | | | | 6x0,28x134° | Nozzle |
| 719861 | DSLA153P 820 | 0433 175 210 | CP | | | 7x0,205x153° | Nozzle |
| 719863 | DSLA150P 838 | 0433 175 219 | CP | | | 5x0,205x150° | 2 Springs Nozzle |
| 719865 | DSLA150P 855 | 0433 175 227 | CP | | D/A | 5x0,16x150° | UIS Nozzle |
| 7198658 | DSLA144P 860 | 0433 175 229 | CP | | | 5x0,215x143° | Nozzle |
| 719866 | DSLA140P 862+ | 0433 175 230 | CP | DLC | | 5x0,185x140° | CR Nozzle |
| 719868 | DSLA145P 864+ | 0433 175 232 | CP | DLC | | 5x0,175x145° | CR Nozzle |
| 719870 | DSLA150P 873 | | CP | | | 5x0,19x150° | 2 Springs Nozzle |
| 719872 | DSLA145P 882 | 0433 175 246 | CP | | | 6x0,205x145° | 2 Springs Nozzle |
| 7198725 | DSLA142P 921 | F002 C40 504 | | | | 5x0,235x142° | Nozzle |
| 719873 | DSLA157P 955 | 0433 175 267 | CP | | | 7x0,185x157° | Nozzle |
| 719874 | DSLA154P 960 | 0433 175 269 | CP | | | 7x0,22x154° | Nozzle |
| 719875 | DSLA143P 970 | 0433 175 271 | CP | DLC | D/A | 8x0,16x143° | CR Nozzle |
| 719876 | DSLA144P 971+ | 0433 175 272 | CP | DLC | | 6x0,15x144° | CR Nozzle |
| 719878 | DSLA144P 973+ | 0433 175 274 | CP | DLC | | 6x0,155x144° | CR Nozzle |
| 719879 | DSLA158P 974+ | 0433 175 275 | CP | DLC | D/A | 7x0,165x158° | CR Nozzle |
| 71988 | DSLA145P 975 | 0433 175 276 | CP | | | 5x0,225x145° | 2 Springs Nozzle |
| 719884 | DSLA145P 987 | 0433 175 280 | CP | | | 5x0,16x145° | Nozzle |
| 719887 | DSLA128P 997 | F002 C40 515 | | | | 5x0,265x128° | Nozzle |
| 719891 | DSLA150P 1019 | 0433 175 291 | CP | | | 5x0,21x150° | 2 Springs Nozzle |
| 719892 | DSLA144P 1021 | 0433 175 288 | CP | DLC | | 6x0,165x144° | CR Nozzle |
| 719893 | DSLA142P 1025 | 0433 175 294 | CP | | D/A | 6x0,15x142° | 2 Springs Nozzle |
| 7198939 | DSLA140P 1033/ | 0433 175 297 | CP | DLC | D/A | 6x0,18x140° | CR Nozzle |
| 719894 | DSLA154P 1034 | 0433 175 298 | CP | DLC | D/A | 6x0,175x154° | CR Nozzle |
| 719895 | DSLA144P 1037/ | 0433 175 300 | | | | 5x0,24x144° | Nozzle |
| 719897 | DSLA150P 1042 | 0433 175 303 | CP | | D/A | 5x0,19x150° | UIS Nozzle |
| 719898 | DSLA150P 1043 | 0433 175 304 | CP | | D/A | 5x0,195x150° | UIS Nozzle |
| 7198985 | DSLA150P 1045 | 0433 175 306 | CP | | D/A | 5x0,18x150° | UIS Nozzle |
| 719899 | DSLA146P 1055/ | 0433 175 308 | | | | | CR Nozzle |
| 71990 | DSLA143P 1058 | 0433 175 309 | CP | DLC | D/A | 8x0,16x143° | CR Nozzle |
| 719909 | DSLA142P 1074 | F002 C40 529 | | | | 6x0,275x145° | Nozzle |
| 71991 | DSLA156P 1079/+ | 0433 175 314 | CP | DLC | D/A | 7x0,13x156° | CR Nozzle |
| 719914 | DSLA145P 1091 | 0433 175 318 | CP | | D/A | 5x0,20x145° | CR Nozzle |
| 719917 | DSLA145P 1097 | 0433 175 319 | CP | | | 7x0,19x145° | Nozzle |
| 71992 | DSLA140P 1100 | 0433 175 321 | CP | | | 8x0,20x140° | Nozzle |
| 719923 | DSLA150P 1103 | 0433 175 323 | CP | | D/A | 6x0,21x150° | 2 Springs Nozzle |
| 719925 | DSLA140P 1112 | 0433 175 325 | CP | | | 5x0,215x140° | 2 Springs Nozzle |
| 719930 | DSLA154P 1129/ | 0433 175 333 | CP | | D/A | 6x0,13x154° | CR Nozzle |
| 719931 | DSLA140P 1131 | 0433 175 334 | CP | | | 5x0,125x140° | CR Nozzle |
| 719934 | DSLA143P 1154 | 0433 175 341 | | | | 6x0,23x143° | Nozzle |
| 719935 | DSLA150P 1156 | 0433 175 343 | CP | | D/A | 5x0,185x150° | UIS Nozzle |
| 719936 | DSLA145P 1167 | F000 430 908 | | | | | Nozzle |
| 719938 | DSLA140P 1173 | 0433 175 347 | | | | 5x0,23x140° | Nozzle |
| 7199381 | DSLA145P 1174 | 0433 175 348 | | | | 6x0,22x143° | Nozzle |
| 719939 | DSLA142P 1186 | F002 C40 547 | CP | | | 6x0,185x142° | Nozzle |
| 719940 | DSLA152P 1191/ | 0433 175 354 | CP | | D/A | | Nozzle |
| 7199405 | DSLA128P 1198 | 0433 175 357 | | | | 5X0,23x128° | Nozzle |
| 719941 | DSLA144P 1213 | 0433 175 363 | CP | | | 6x0,16x144° | CR Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|----------------|-----------------|--------------|----|-----|-----|----------------|------------------|
| 719945 | DSLA153P 1242++ | 0433 175 366 | CP | DLC | D/A | 7x0,145x153° | CR Nozzle |
| 719947 | DSLA150P 1247 | 0433 175 367 | CP | | D/A | 5x0,17x150° | UIS Nozzle |
| 7199471 | DSLA150P 1248 | 0433 175 368 | CP | | D/A | 5x0,19x150° | UIS Nozzle |
| 719948 | DSLA150P 1250 | 0433 175 369 | CP | | | 6x0,16x150° | 2 Springs Nozzle |
| 7199483 | DSLA145P 1253 | 0433 175 370 | CP | | | 6x0,20x145° | Nozzle |
| 719949 | DSLA152P 1282 | F002 C40 560 | | | | | Nozzle |
| 719950 | DSLA152P 1287++ | 0433 175 379 | CP | | D/A | 6x0,165x152° | UIS Nozzle |
| 719951 | DSLA144P 1295 | 0433 175 386 | CP | | | 6x0,165x144° | CR Nozzle |
| 719953 | DSLA151P 1302 | 0433 175 387 | | | | 6x0,22x151° | Nozzle |
| 719954 | DSLA124P 1309 | 0433 175 390 | CP | DLC | D/A | 5x0,21x124° | CR Nozzle |
| 719956 | DSLA154P 1320 | 0433 175 395 | CP | DLC | D/A | 6x0,17x154° | CR Nozzle |
| 719957 | DSLA156P 1336 | 0433 175 402 | CP | | D/A | 6x0,153x156° | UIS Nozzle |
| 719958 | DSLA156P 1381 | 0433 175 411 | CP | | D/A | 5x0,152x156° | UIS Nozzle |
| 719959 | DSLA146P 1409+ | 0433 175 414 | CP | DLC | D/A | 6x0,225x146° | UIS Nozzle |
| 719961 | DSLA156P 1411 | 0433 175 416 | CP | | | 8x0,16x156° | Nozzle |
| 719963 | DSLA146P 1440 | F002 C40 586 | | | | 6x0,245x146° | Nozzle |
| 719964 | DSLA145P 1441 | 0433 175 426 | CP | | | 6x0,20x140° | Nozzle |
| 719969 | DSLA150P 1452 | 0433 175 428 | | | | | UIS Nozzle |
| 719978 | DSLA148P 1468 | 0433 175 429 | CP | | D/A | 6x0,18x148° | UIS Nozzle |
| 719980 | DSLA142P 1474 | 0433 175 431 | CP | | | 5x0,175x142° | CR Nozzle |
| 7199805 | DSLA145P 1479 | 0433 175 438 | | | | | Nozzle |
| 7199806 | DSLA150P 1485 | 0433 175 437 | CP | | D/A | 6x0,16x150° | UIS Nozzle |
| 7199807 | DSLA150P 1489 | 0433 175 441 | CP | | D/A | 5x0,195x150° | UIS Nozzle |
| 7199808 | DSLA150P 1491 | 0433 175 444 | CP | | D/A | 5x0,155x150° | UIS Nozzle |
| 719981 | DSLA150P 1499 | 0433 175 447 | CP | | D/A | 5x0,18x150° | UIS Nozzle |
| 7199815 | DSLA150P 1508 | 0433 175 448 | CP | | D/A | 5x0,145x150° | UIS Nozzle |
| 719982 | DSLA128P 1510 | 0433 175 449 | CP | DLC | D/A | 5x0,205x128° | CR Nozzle |
| 719983 | DSLA150P 1585 | 0433 175 460 | CP | | D/A | 6x0,165x150° | UIS Nozzle |
| 719984 | DSLA150P 1586 | 0433 175 461 | CP | | D/A | 5x0,16x150° | UIS Nozzle |
| 719985 | DSLA152P 1603 | 0433 175 462 | CP | | | 8X0,19X153° | Nozzle |
| 719989 | DSLA124P 1659 | 0433 175 470 | CP | DLC | D/A | 5x0,21x124° | CR Nozzle |
| 719990 | DSLA145P 1679 | 0433 175 472 | CP | | | 6x0,23x145° | Nozzle |
| 719993 | DSLA140P 1723 | 0433 175 481 | CP | DLC | D/A | 8x0,16x140° | CR Nozzle |
| 719994 | DSLA150P 1729 | 0433 175 484 | CP | | | 5x0,195x150° | Nozzle |
| 7199943 | DSLA150P 1767 | F002 C40 683 | | | | 5x0,27x150° | Nozzle |
| 7199945 | DSLA160P 1786 | 0433 175 489 | | | | | Nozzle |
| 7199948 | DSLA143P 5499 | 0433 175 499 | CP | DLC | D/A | 8x0,155x143° | CR Nozzle |
| 7199949 | DSLA124P 5500 | 0433 175 500 | CP | DLC | D/A | 5x0,195x124° | CR Nozzle |
| 719995 | DSLA143P 5501 | 0433 175 501 | CP | DLC | D/A | 8x0,155x143° | CR Nozzle |
| 719996 | DSLA128P 5510 | 0433 175 510 | CP | DLC | D/A | 5x0,20x128° | CR Nozzle |
| 719997 | DSLA124P 5516 | 0433 175 516 | CP | DLC | D/A | 5x0,205x124° | CR Nozzle |
| 7199971 | DSLA143P 5517 | 0433 175 517 | CP | DLC | D/A | 8x0,15x143° | CR Nozzle |
| 719998 | DSLA143P 5519 | 0433 175 519 | CP | DLC | D/A | 8x0,155x143° | CR Nozzle |
| 71P210 | F00VX20010 | | CP | DLC | | 8x0,135x157° | Piezo Nozzle |
| 71P217 | F00VX20017 | | CP | DLC | | 7x0,14x158° | Piezo Nozzle |
| 71P307 | F00VX30007 | | CP | DLC | | 6x0,15x160° | Piezo Nozzle |
| 71P322 | F00VX30022 | | CP | DLC | | 7x0,14x160° | Piezo Nozzle |
| 71P326 | F00VX30026 | | CP | DLC | | 7x0,14x160° | Piezo Nozzle |
| 71P341 | F00VX30041 | | CP | DLC | | 7x0,14x160° | Piezo Nozzle |
| 71P379 | F00VX30079 | | CP | DLC | | 7x0,14x157° | Piezo Nozzle |
| 71P401 | F00VX40001 | | CP | DLC | | | Piezo Nozzle |
| 71P414 | F00VX40014 | | CP | DLC | | 7x0,14x151° | Piezo Nozzle |
| 71P421 | F00VX40021 | | CP | DLC | | 6x0,15X157° | Piezo Nozzle |
| 71P423 | F00VX40023 | | CP | DLC | | | Piezo Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| Bosch | | | | | | | |
| 71P429 | F00VX40029 | | CP | DLC | | 8x0,12x164° | Piezo Nozzle |
| 71P430 | F00VX40030 | | CP | DLC | | 8x0,12x160° | Piezo Nozzle |
| 71P460 | F00VX40060 | | CP | DLC | | 8x0,14x149° | Piezo Nozzle |
| 71P465 | F00VX40065 | | CP | DLC | | 8x0,12x158° | Piezo Nozzle |
| 71P466 | F00VX40066 | | CP | DLC | | 8x0,11x157° | Piezo Nozzle |
| 71P478 | F00VX40078 | | CP | DLC | | 8x0,12x157° | Piezo Nozzle |
| 71P538 | F00VX50038 | | CP | DLC | | 6x0,21x143° | CRIN 4.2 Nozzle |
| 71P559 | F00VX50059 | | CP | DLC | | 6x0,19x137° | CRIN 4.2 Nozzle |
| 71P583 | F00VX50083 | | CP | DLC | | 7x0,21x144° | CRIN 4.2 Nozzle |
| 71P5974 | F00VX50174 | | CP | DLC | | 7x0,18x141° | CRIN 4.2 Nozzle |
| 71P5975 | F00VX50175 | | CP | DLC | | 8x0,195x149° | CRIN 4.2 Nozzle |
| 71P5976 | F00VX50176 | | CP | DLC | | 7x0,195x144° | CRIN 4.2 Nozzle |
| NBD10092 | DL140T 92 | 0433 300 132 | | | | 7x0,30x140° | Nozzle |
| NBD10093 | DL155T 92 | 0433 300 184 | | | | 7x0,30x155° | Nozzle |
| NBD10126 | DL140T 226 | 0433 300 136 | | | | 8x0,35x140° | Nozzle |
| NBD10132 | DL140T 232 | 0433 300 137 | | | | 8x0,40x140° | Nozzle |
| NBD10160 | DL140T 260 | 0433 300 138 | | | | 8x0,30x140° | Nozzle |
| NBD10179 | DL143T 279 | | | | | | Nozzle |
| NBD10218 | DL150T 418 | 0433 300 172 | | | | 8x0,20x150° | Nozzle |
| NBD10455 | DL110T 957 | 0433 300 056 | | | | 8x0,25x110° | Nozzle |
| NBD10456 | DL125T 957 | 0433 300 091 | | | | 8x0,25x125° | Nozzle |
| NBD10457 | DL150T 957 | 0433 300 180 | | | | 8x0,25x150° | Nozzle |
| NBD10458 | DL110T 958 | 0433 300 057 | | | | 6x0,25x110° | Nozzle |
| NBD10459 | DL150T 958 | 0433 300 181 | | | | 6x0,25x150° | Nozzle |
| NBD10465 | DL140T 965 | 0433 300 149 | | | | 7x0,50x140° | Nozzle |
| NBD10515 | DL160T 1015 | 0433 300 206 | | | | 6x0,33x160° | Nozzle |
| NBD10523 | DL150T 1023 | 0433 300 210 | | | | 8x0,31x150° | Nozzle |
| NBD10571 | DL125T 1071 | 0433 300 237 | | | | 8x0,23x125° | Nozzle |
| NBD10613 | DL145T 1113 | 0433 300 258 | | | | 8x0,425x145° | Nozzle |
| NBD10619 | DL140T 1119 | 0433 300 259 | | | | 7x0,45x140° | Nozzle |
| NBD10621 | DL145T 1121 | 0433 300 260 | | | | 9x0,30x145° | Nozzle |
| NBD10622 | DL145T 1122 | 0433 300 261 | | | | 8x0,46x145° | Nozzle |
| NBD10625 | DL110T 1125 | 0433 300 264 | | | | 5x0,40x110° | Nozzle |
| NBD10629 | DL140T 1129 | 0433 300 266 | | | | 8x0,40x140° | Nozzle |
| NBD10639 | DL150T 1139 | 0433 300 270 | | | | 8x0,40x150° | Nozzle |
| NBD10652 | DL130T 1152 | 0433 300 281 | | | | 6x0,40x130° | Nozzle |
| NBD10655 | DL140T 1155 | 0433 300 286 | | | | 8x0,35x140° | Nozzle |
| NBD10667 | DL110T 1167 | 0433 300 294 | | | | 5x0,38x110° | Nozzle |
| NBD10669 | DL145T 1169 | 0433 300 296 | | | | 9x0,35x145° | Nozzle |
| NBD10672 | DL140T 1172 | 0433 300 300 | | | | 10x0,36x140° | Nozzle |
| NBD10686 | DL155T 1186 | 0433 300 307 | | | | 8x0,35x155° | Nozzle |
| NBD10687 | DL145T 1187 | 0433 300 308 | | | | 8x0,34x145° | Nozzle |
| NBD10690 | DL110T 1190 | 0433 300 311 | | | | 4x0,50x110° | Nozzle |
| NBD10691 | DL135T 1191 | 0433 300 312 | | | | 1+8x0,30x135° | Nozzle |
| NBD10697 | DL150T 1197 | 0433 300 320 | | | | 8x0,40x150° | Nozzle |
| NBD10698 | DL145T 1198 | 0433 300 319 | | | | 8x0,30x145° | Nozzle |
| NBD10701 | DL145T 1201 | 0433 300 322 | | | | 9x0,325x145° | Nozzle |
| NBD107011 | DL145T 1201 | 0433 300 986 | | | | 9x0,325x145° | Nozzle |
| NBD10703 | DL145T 1203 | 0433 300 323 | | | | 9x0,325x145° | Nozzle |
| NBD10705 | DL145T 1205 | 0433 300 325 | | | | 9x0,35x145° | Nozzle |
| NBD107051 | DL145T 1205 | 0433 300 983 | | | | 9x0,35x145° | Nozzle |
| NBD10706 | DL155T 1206 | 0433 300 326 | | | | 8x0,40x155° | Nozzle |
| NBD10715 | DL130T 1215 | 0433 300 334 | | | | 7x0,47x130° | Nozzle |
| NBD10729 | DL155T 1229 | 0433 300 342 | | | | 5x0,43x155° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|--------------|-------------------|--------------|----|-----|-----|----------------|-------------|
| Bosch | | | | | | | |
| NBD10743 | DL155T 1243 | 0433 300 346 | | | | 5x0,45x155° | Nozzle |
| NBD10748 | DL155T 1248 | 0433 300 347 | | | | 5x0,47x155° | Nozzle |
| NBD20007 | DLLB145T 7 | 0433 371 007 | | | | 8x0,375x145° | Nozzle |
| NBD24021 | DLF145T 21 | 0433 351 024 | | | | 8x0,34x145° | Nozzle |
| NBD24030 | DLF160T 30 | 0433 351 033 | | | | 7x0,34x160° | Nozzle |
| NBD24037 | DLF145T 37 | 0433 351 040 | | | | 8x0,30x145° | Nozzle |
| NBD25002 | DLLF155T 2 | 0433 351 054 | | | | 8x0,40x155° | Nozzle |
| NBD25003 | DLLF155T 3 | 0433 351 055 | | | | 8x0,35x155° | Nozzle |
| NBD25008 | DLLF145T 8 | 0433 351 040 | | | | 8x0,30x145° | Nozzle |
| NBD25009 | DLLF145T 9 | 0433 351 051 | | | | 8x0,38x145° | Nozzle |
| NBD25014 | DLLF156T 14 | 0433 351 061 | | DLC | | 5x0,30+4x0,26 | Nozzle |
| NBD27013 | DLLZ150T 13 | 0433 371 013 | | | | 10x0,38x150° | Nozzle |
| NBD27016 | DLLA154T 16 | 0433 371 015 | | DLC | | | Nozzle |
| NBD27060 | DLLZ150T 1160 | F00B L0D 025 | | | | | Nozzle |
| NBD27061 | DLLZ150T 1160C | | | DLC | | | Nozzle |
| NBD27062 | DLLZ150T 1161C | F00B L0D 037 | | DLC | | | Nozzle |
| NBD27067 | DLLZ150T 1167C | F00B L0D 023 | | DLC | | | Nozzle |
| NBD27086 | B433 120 086 C | | | | | 10x0,36x150° | Nozzle |
| NBD30045 | DL160U 45 | | | | | 9x0,45x160° | Nozzle |
| NBD30132 | DL130U 232 | 0433 400 044 | | | | 8x0,40x130° | Nozzle |
| NBD30146 | DL130U 246 | 0433 400 046 | | | | 8x0,45x130° | Nozzle |
| NBD30156 | DL150U 256 | 0433 400 076 | | | | 9x0,45x150° | Nozzle |
| NBD30599 | DL135U 1099 | 0433 400 110 | | | | 8x0,53x135° | Nozzle |
| NBD30620 | DL115U 1120 | 0433 400 116 | | | | 6x0,45°x115° | Nozzle |
| NBD35006 | DLF150U 6 | 0433 451 041 | | | | 8x0,45x150° | Nozzle |
| NBD35044 | DLF150U 44 | 0433 451 051 | | | | 8x0,45x150° | Nozzle |
| NBD35045 | DLF145U 45 | 0433 451 052 | | | | 10x0,49x145° | Nozzle |
| NBD35561 | DLF145VV-C3440061 | | | | | 9x0,69x145° | Nozzle |
| NBD36001 | DLLA152U 1 | 0433 421 002 | | | | 8x0,35x152° | Nozzle |
| NNN20161 | B433 120 161 | | | | | 8x0,42x146° | Nozzle |
| NNN4010 | B433 539 159 | 4010977 | | | | 10x0,29x165° | Nozzle |

Caterpillar

| | | | | | | | |
|--------|---------------------|-----------------------|--|--|--|--|---------------|
| 442006 | Nozzle Assy. OR9348 | HI300 | | | | | HEUI Nozzle |
| 442016 | Nozzle Assy. OR9349 | HI300 | | | | | HEUI Nozzle |
| 442026 | Nozzle Assy. OR9350 | HI300 | | | | | HEUI Nozzle |
| 59005 | 100 7556 | | | | | | Pencil Nozzle |
| 59006 | 100 7558 | | | | | | Pencil Nozzle |
| 59007 | 100 7559 | | | | | | Pencil Nozzle |
| 59009 | 130 5187 | | | | | | Pencil Nozzle |
| 59010 | 170 5181 | | | | | | Pencil Nozzle |
| 59011 | 170 5187 | | | | | | Pencil Nozzle |
| 59014 | 3S 6638 | Group (Nozzle 8N5986) | | | | | Nozzle |
| 59024 | 4W 7015 | | | | | | Pencil Nozzle |
| 59025 | 4W 7016 | | | | | | Pencil Nozzle |
| 59026 | 4W 7017 | | | | | | Pencil Nozzle |
| 59027 | 4W 7018 | | | | | | Pencil Nozzle |
| 59028 | 4W 7019 | | | | | | Pencil Nozzle |
| 59029 | 4W 7022 | | | | | | Pencil Nozzle |
| 59031 | 5F 2805 | | | | | | Nozzle |
| 59034 | 5H 7936 | Group (Nozzle 8N3173) | | | | | Nozzle |
| 59040 | 6H 3364 | Group (Nozzle 9H4113) | | | | | Nozzle |
| 59046 | 7M 4601 | | | | | | Nozzle |
| 59048 | 7M 7431 | Group (Nozzle 7M4601) | | | | | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|--------------------|----------------------|-------------------------|----|-----|-----|----------------|---------------|
| Caterpillar | | | | | | | |
| 59052 | 7N 9843 | | | | | | Nozzle |
| 59059 | 7W 7026 | | | | | | Pencil Nozzle |
| 59060 | 7W 7032 | | | | | | Pencil Nozzle |
| 59061 | 7W 7037 | | | | | | Pencil Nozzle |
| 59064 | 8M 1584 | Group (Nozzle 8N4697) | | | | | Nozzle |
| 59066 | 8N 1831 | | | | | | Nozzle |
| 59067 | 8N 3173 | | | | | | Nozzle |
| 59068 | 8N 3175 | | | | | | Nozzle |
| 59070 | 8N 3176 | | | | | | Nozzle |
| 59072 | 8N 3177 | | | | | | Nozzle |
| 59074 | 8N 4694 | | | | | | Nozzle |
| 59076 | 8N 4697 | | | | | | Nozzle |
| 590763 | 8N 5986 | | | | | | Nozzle |
| 590768 | 8N 7003 | | | | | | Pencil Nozzle |
| 59077 | 8N 7005 | | | | | | Pencil Nozzle |
| 59078 | 8N 8796 | Group (Nozzle 8N4694) | | | | | Nozzle |
| 59080 | 9F 2393 | Group (Nozzle 5F2805) | | | | | Nozzle |
| 59082 | 9F 4113 | | | | | | Nozzle |
| 59084 | 9L 6884 | | | | | | Nozzle |
| 59086 | 9N 3246 | | | | | | Nozzle |
| 59088 | 9N 6173 | | | | | | Nozzle |
| 76440 | 106-7056 | | CP | | | 6x0,18x152° | HEUI Nozzle |
| 7941006 | 41006/32 | OR9348/10R1257 - HI300 | | | | 6x0,17 | HEUI Nozzle |
| 7941007 | 41007/32 | OR1050/10R1050 - HI300 | | | | | HEUI Nozzle |
| 7941016 | 41016/32 | OR9349 - HI300 | | | | 6x0,185 | HEUI Nozzle |
| 7941026 | 41026/32 | OR9350 - HI300 | | | | 6x0,17 | HEUI Nozzle |
| 7941036 | 41036/32 | 10R0781 - HI300 | | | | 6x0,19 | HEUI Nozzle |
| 7941046 | 41046/32 | 10R0782/10R1262 - HI300 | | | | 6x0,18 | HEUI Nozzle |
| 7941056 | 41056/32 | 10R1306 - HI300 | | | | | HEUI Nozzle |
| 7941406 | 41406/32 | OR9348/OR9350/10R1257 - | | | | | HEUI Nozzle |
| 7941407 | 41407/32 | OR1050/10R1050 - HI300 | | | | | HEUI Nozzle |
| 7941416 | 41416/32 | OR9349/10R0782/10R1262 | | | | | HEUI Nozzle |
| 7941446 | 41446/32 | 10R0781 - HI300 | | | | | HEUI Nozzle |
| 7941456 | 41456/32 | 10R1306 - HI300 | | | | | HEUI Nozzle |
| 7941466 | 41466/32 | 10R8999 - HI300 | | | | | HEUI Nozzle |
| 79608 | Inj. 235-2888 | C9 - 950HC | CP | DLC | D/A | 6x0,165x130° | HEUI Nozzle |
| 79608A | Inj. 235-2888 | ASSY | CP | DLC | D/A | 6x0,165x130° | HEUI Nozzle |
| 79611 | Inj. 10R9001/10R7221 | C-9 | CP | | | 5x0,20x128° | HEUI Nozzle |
| 79611A | Inj. 10R9001/10R7221 | ASSY | CP | | | 5x0,20x128° | HEUI Nozzle |
| 79612 | Inj. 10R4764/10R7222 | C9 | CP | | | 5x0,24x126° | HEUI Nozzle |
| 79612A | Inj. 10R4764/10R7222 | ASSY | CP | | | 5x0,24x126° | HEUI Nozzle |
| 79616 | Inj. 10R4844/10R7223 | C9 - C-9 | CP | | | 5x0,23x126° | HEUI Nozzle |
| 79616A | Inj. 10R4844/10R7223 | ASSY | CP | | | 5x0,23x126° | HEUI Nozzle |
| 79623 | Inj. 10R4763/10R7225 | C7 - C9 - 329D | CP | | | 6x0,20x135° | HEUI Nozzle |
| 79623A | Inj. 10R4763/10R7225 | ASSY | CP | | | 6x0,20x135° | HEUI Nozzle |
| 79627 | Inj. 10R4761 | C7 | CP | | | 6x0,17x136° | HEUI Nozzle |
| 79627A | Inj. 10R4761 | ASSY | CP | | | 6x0,17x136° | HEUI Nozzle |
| 79628 | Inj. 10R4762 | C7 | CP | | | 6x0,17x134° | HEUI Nozzle |
| 79628A | Inj. 10R4762 | ASSY | CP | | | 6x0,17x134° | HEUI Nozzle |
| 79701 | Inj. 10R0955 | C15 / 3406 | | | | 6x0,22x132° | HEUI Nozzle |
| 79701A | Inj. 10R0955 | ASSY | | | | 6x0,22x132° | HEUI Nozzle |
| 79702 | Inj. 10R0956 | C15 / 3406 | | | | 6x0,195x130° | HEUI Nozzle |
| 79702A | Inj. 10R0956 | ASSY | | | | 6x0,195x130° | HEUI Nozzle |
| 79703 | Inj. 10R0957 | C15 / 3406 | CP | | | 6x0,23x132° | HEUI Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|----------------|----------------------|-------------------------|----|-----|-----|----------------|-------------|
| 79703A | Inj. 10R0957 | ASSY | CP | | | 6x0,23x132° | HEUI Nozzle |
| 79704 | Inj. 10R0958 | C15 / 3406 | | | | 6x0,23x130° | HEUI Nozzle |
| 79704A | Inj. 10R0958 | ASSY | | | | 6x0,23x130° | HEUI Nozzle |
| 79705 | Inj. 10R0963 | C12 / 3196 | CP | | | 6x0,20x130° | HEUI Nozzle |
| 79705A | Inj. 10R0963 | ASSY | CP | | | 6x0,20x130° | HEUI Nozzle |
| 79706 | Inj. 10R0967 | C10 / 3176C | CP | | | 6x0,18x150° | HEUI Nozzle |
| 797065 | Inj. 10R1000/10R1273 | C15 / 3406 | | | | | HEUI Nozzle |
| 797065A | Inj. 10R1000/10R1273 | ASSY | | | | | HEUI Nozzle |
| 79706A | Inj. 10R0967 | ASSY | CP | | | 6x0,18x150° | HEUI Nozzle |
| 79707 | Inj. 10R1275 | 3516B | CP | | | 10x0,265x160° | HEUI Nozzle |
| 79707A | Inj. 10R1275 | ASSY | CP | | | 10x0,265x160° | HEUI Nozzle |
| 79708 | Inj. 10R1305 | C13 | | | | | HEUI Nozzle |
| 797085 | Inj. 10R1814 | C12 | | | | | HEUI Nozzle |
| 797085A | Inj. 10R1814 | ASSY | | | | | HEUI Nozzle |
| 79708A | Inj. 10R1305 | ASSY | | | | | HEUI Nozzle |
| 79709 | Inj. 10R2977 | C13 | | | | | HEUI Nozzle |
| 79709A | Inj. 10R2977 | ASSY | | | | | HEUI Nozzle |
| 79710 | Inj. 10R3262 | C11 / C13 | CP | | | 6x0,215x132° | HEUI Nozzle |
| 797102 | Inj. 10R3265 | C27 | | | | | HEUI Nozzle |
| 797102A | Inj. 10R3265 | ASSY | | | | | HEUI Nozzle |
| 79710A | Inj. 10R3262 | ASSY | CP | | | 6x0,215x132° | HEUI Nozzle |
| 79715 | Inj. CH12013 | Perkins 2806 | CP | | | 6x0,29x130° | HEUI Nozzle |
| 79715A | Inj. CH12013 | ASSY | CP | | | 6x0,29x130° | HEUI Nozzle |
| 79717 | Inj. CH12071 | 3406E | CP | | | 6x0,32x131° | HEUI Nozzle |
| 79720 | Inj. CH10948 | 3406E | CP | | | 6x0,30x132° | HEUI Nozzle |
| 79720A | Inj. CH10948 | ASSY | CP | | | 6x0,30x132° | HEUI Nozzle |
| 79727 | Inj. 20R1271 | C13 / C15 / 3512 / 3516 | CP | | | 8x0,29x160° | HEUI Nozzle |
| 79727A | Inj. 20R1271 | ASSY | CP | | | 8x0,29x160° | HEUI Nozzle |
| 79732 | Inj. 10R2772/CH11945 | C15 / C18 / C32 | CP | | | 6x0,28x133° | HEUI Nozzle |
| 79732A | Inj. 10R2772/CH11945 | ASSY | CP | | | 6x0,28x133° | HEUI Nozzle |
| 79739 | Inj. 20R2284 | C18 / C32 | CP | | | 6x0,23x130° | HEUI Nozzle |
| 79739A | Inj. 20R2284 | ASSY | CP | | | 6x0,23x130° | HEUI Nozzle |
| 79740 | Inj. 20R2285 | C15 / C27 | CP | | | 6x0,217x125° | HEUI Nozzle |
| 79740A | Inj. 20R2285 | ASSY | CP | | | 6x0,217x125° | HEUI Nozzle |
| 79842 | 2645A742 | C6.6 | CP | DLC | D/A | 6X0,17X129° | CR Nozzle |
| 79845 | 2645A745 | C6.6 | CP | DLC | D/A | 6x0,14x124° | CR Nozzle |
| 79847 | 2645A747 | C4.4/C6.6 | CP | DLC | D/A | 6x0,165x131° | CR Nozzle |
| 79849 | 2645A749 | C6.6 | CP | DLC | D/A | 6x0,183x131° | CR Nozzle |
| 79861 | 32F61-00061 | 315D/318D/319D | CP | DLC | D/A | 6x0,165x137° | CR Nozzle |
| 79862 | 32F61-00062 | 320D/321D/323D | CP | DLC | D/A | 6x0,155x134° | CR Nozzle |

Cummins

| | | | | | | | |
|----------------|---------|----------|--|--|--|-------------|---------------|
| 58116 | 3071046 | PTD SC | | | | 7x.0073x14° | Nozzle |
| 58175 | 3073575 | PTD N | | | | 8x.0076x17° | Nozzle |
| 7641071 | 3076071 | N14 | | | | 8x0,20 | Celect Nozzle |
| 7641081 | 3079963 | L10 | | | | | Celect Nozzle |
| 7641091 | 3084592 | N14 | | | | | Celect Nozzle |
| 7641101 | 3087791 | M11 | | | | | Celect Nozzle |
| 7641175 | 3088175 | N14 | | | | | Celect Nozzle |
| 7641243 | 3095043 | M11 Plus | | | | 8x0,19 | Celect Nozzle |
| 7641329 | 3095729 | M11 | | | | | Celect Nozzle |
| 7641334 | 3095734 | M11 | | | | | Celect Nozzle |
| 7641378 | 3409978 | N14 | | | | | Celect Nozzle |
| 7641388 | 3411388 | N14 Plus | | | | 8x0,21 | Celect Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|----------------|----------|-------------|----|-----|-----|----------------|---------------|
| Cummins | | | | | | | |
| 7641404 | 3411404 | M11 | | | | | Celect Nozzle |
| 7641430 | 3411690 | N14 | | | | | Celect Nozzle |
| 7641434 | 3411694 | NTA14-E | | | | | Celect Nozzle |
| 7641452 | 3609852 | N14 | | | | | Celect Nozzle |
| 7641455 | 3609855 | N14 Plus | | | | 8x0,20 | Celect Nozzle |
| 7641461 | 3609861 | N14 | | | | | Celect Nozzle |
| 7641525 | 3609925 | M11 Plus | | | | 8x0,19 | Celect Nozzle |
| 7641575 | 4026225 | M11 | | | | | Celect Nozzle |
| 7641604 | 4061854 | M11 | | | | | Celect Nozzle |
| 7641610 | 4307525 | M11 | | | | | Celect Nozzle |
| 7641615 | 4307779 | M11 | | | | | Celect Nozzle |
| 7641620 | 4384384 | M11 | | | | | Celect Nozzle |
| 7641624 | 4902924 | M11 | | | | | Celect Nozzle |
| 7641628 | 4902928 | M11 | | | | | Celect Nozzle |
| 7641642 | 4903322 | M11 | | | | | Celect Nozzle |
| 7641675 | 4903475 | M11 | | | | | Celect Nozzle |
| 7641684 | 4928174 | M11 | | | | | Celect Nozzle |
| 78820 | 3331242 | | | | | | ISX Nozzle |
| 78830 | 3348357 | | | | | | ISX Nozzle |
| 78850 | 4076965 | | | | | | ISX Nozzle |
| 78860 | 4088303 | | | | | | ISX Nozzle |
| 78865 | 4088566 | | | | | | ISX Nozzle |
| 78870 | 4088652 | | | | | | ISX Nozzle |
| 78875 | 4088662 | | | | | | ISX Nozzle |
| 78881 | 4902823 | | | | | | ISX Nozzle |
| 78885 | 4954432 | | | | | | ISX Nozzle |
| 78890 | 4954886 | | | | | | ISX Nozzle |

| | | | | | | | |
|---------------|---------------|---------|--|--|--|-------------|---------------|
| Delphi | | | | | | | |
| 42209 | BDN0SPC 6209 | 5650091 | | | | | Pintle Nozzle |
| 42236 | BDN12SD 6236 | 5643085 | | | | | Pintle Nozzle |
| 42290 | BDN12SPC 6290 | 5651241 | | | | | Pintle Nozzle |
| 42299 | BDN4SD 6299 | 5643095 | | | | | Pintle Nozzle |
| 42389 | BDN0SPC 6389 | 5650300 | | | | | Pintle Nozzle |
| 42453 | BDN4SD 6453 | 5643320 | | | | | Pintle Nozzle |
| 42517 | BDN12SD 6517 | 5643450 | | | | | Pintle Nozzle |
| 42577 | BDN0SD 6577 | 5643410 | | | | | Pintle Nozzle |
| 425772 | BDN0SD 6577B | 5643413 | | | | | Pintle Nozzle |
| 42596 | BDN0SD 6596 | 5641870 | | | | | Pintle Nozzle |
| 42651 | BDN0SPC 6651 | 5650350 | | | | | Pintle Nozzle |
| 42751 | BDN0SD 6751 | 5641891 | | | | | Pintle Nozzle |
| 427513 | BDN0SD 6751C | 5641906 | | | | | Pintle Nozzle |
| 428493 | BDN12SD 6849C | 5643075 | | | | | Pintle Nozzle |
| 428624 | BDN12SD 6862D | 5643091 | | | | | Pintle Nozzle |
| 428725 | BDN12SD 6872E | 5643482 | | | | | Pintle Nozzle |
| 428864 | BDN4SDC 6886D | 5643326 | | | | | Pintle Nozzle |
| 428874 | BDN0SDC 6887D | 5641921 | | | | | Pintle Nozzle |
| 42902 | BDN0SDC 6902 | 5641934 | | | | | Pintle Nozzle |
| 42903 | BDN0SDC 6903 | 5641935 | | | | | Pintle Nozzle |
| 49046 | BDL30S 46 | 5611065 | | | | | Nozzle |
| 49054 | BDL30S 54 | 5611070 | | | | | Nozzle |
| 49133 | BDL110S 6133 | 5611650 | | | | 2x0.35x110° | Nozzle |
| 49167 | BDL110S 6267 | 5611735 | | | | 2x0.35x110° | Nozzle |
| 70000 | BDLL150S 559 | 5620405 | | | | 4x0.25x150° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 70001 | BDLL150S 609 | 5620465 | | | | 4x0,30x150° | Nozzle |
| 70002 | BDLL150S 685S | 5620621 | | | | 4x0,28x150° | Nozzle |
| 70003 | BDLL120S 694 | 5620645 | | | | 2x0,40x120° | Nozzle |
| 70004 | BDLL140S 6001 | 5620655 | | | | 4x0,25x140° | Nozzle |
| 70006 | BDLL150S 6028 | 5620680 | | | | 4x0,28x150° | Nozzle |
| 70007 | BDLL150S 6054 | 5620695 | | | | 4x0,30x150° | Nozzle |
| 70008 | BDLL150S 6064 | 5620705 | | | | 4x0,35x150° | Nozzle |
| 70010 | BDLL150S 6072B | 5620722 | | | | 4x0,30x150° | Nozzle |
| 70011 | BDLL150S 6078 | 5620725 | | | | 4x0,28x150° | Nozzle |
| 70012 | BDLL135S 6092 | 5620741 | | | | 3x0,35x135° | Nozzle |
| 70013 | BDLL150S 6097S | 5620755 | | | | 4x0,25x150° | Nozzle |
| 70014 | BDLL150S 6123 | 5620780 | | | | 4x0,27x150° | Nozzle |
| 70015 | BDLL150S 6130A | 5620790 | | | | 4x0,35x150° | Nozzle |
| 70016 | BDLL150S 6138 | 5620805 | | | | 4x0,30x150° | Nozzle |
| 70017 | BDLL150S 6144 | 5620810 | | | | 4x0,26x150° | Nozzle |
| 70018 | BDLL150S 6156 | 5620835 | | | | 4x0,40x150° | Nozzle |
| 70019 | BDLL150S 6159 | 5620840 | | | | 4x0,25x150° | Nozzle |
| 70020 | BDLL160S 6173 | 5620855 | | | | 4x0,25x160° | Nozzle |
| 70021 | BDLL150S 6176 | 5620860 | | | | 4x0,27x150° | Nozzle |
| 70022 | BDLL140S 6183 | 5620865 | | | | 3x0,27x140° | Nozzle |
| 70023 | BDLL140S 6192 | 5620890 | | | | 4x0,20x140° | Nozzle |
| 70024 | BDLL140S 6193 | 5620895 | | | | 4x0,25x140° | Nozzle |
| 70025 | BDLL150S 6194 | 5620900 | | | | 4x0,28x150° | Nozzle |
| 70026 | BDLL140S 6205 | 5620915 | | | | 4x0,29x140° | Nozzle |
| 70027 | BDLL140S 6205A | 5620916 | | | | 4x0,29x140° | Nozzle |
| 700275 | BDLL140S 6221 | 5620945 | | | | 3x0,27x140° | Nozzle |
| 70028 | BDLL150S 6222 | 5620950 | | | | 4x0,27x150° | Nozzle |
| 70029 | BDLL150S 6225 | 5620960 | | | | 4x0,27x150° | Nozzle |
| 70030 | BDLL160S 6246 | 5620997 | | | | 4x0,25x160° | Nozzle |
| 70031 | BDLL150S 6253 | 5620998 | | | | 3x0,33x150° | Nozzle |
| 70032 | BDLL140S 6254 | 5621000 | | | | 4x0,35x140° | Nozzle |
| 70033 | BDLL140S 6258 | 5621002 | | | | 4x0,35x140° | Nozzle |
| 70034 | BDLL140S 6268 | 5621010 | | | | 3x0,33x140° | Nozzle |
| 70035 | BDLL 80S 6273 | 5621018 | | | | 2x0,27+2x0,32 | Nozzle |
| 70036 | BDLL150S 6275 | 5621023 | | | | 4x0,34x150° | Nozzle |
| 70037 | BDLL140S 6276 | 5621025 | | | | 4x0,21x140° | Nozzle |
| 70038 | BDLL140S 6281 | 5621029 | | | | 4x0,30x140° | Nozzle |
| 70039 | BDLL160S 6283 | 5621033 | | | | 4x0,25x160° | Nozzle |
| 70040 | BDLL150S 6288A | 5621036 | | | | 4x0,27x150° | Nozzle |
| 70041 | BDLL176S 6297 | | | | | 4x0,25x140° | Nozzle |
| 70042 | BDLL140S 6298 | 5621046 | | | | 3x0,28x140° | Nozzle |
| 70043 | BDLL150S 6302 | 5621047 | | | | 3x0,42x150° | Nozzle |
| 70044 | BDLL135S 6303 | 5621050 | | | | 3x0,43x135° | Nozzle |
| 70045 | BDLL140S 6306 | 5621057 | | | | 4x0,35x140° | Nozzle |
| 70047 | BDLL150S 6310 | 5621065 | | | | 4x0,27x150° | Nozzle |
| 70048 | BDLL150S 6317 | 5621072 | | | | 3x0,30x150° | Nozzle |
| 70049 | BDLL150S 6318 | 5621074 | | | | 4x0,40x150° | Nozzle |
| 70050 | BDLL120S 6325 | 5621080 | | | | 4x0,27x120° | Nozzle |
| 70051 | BDLL150S 6329CF | 5621085 | | | | 4x0,25x150° | Nozzle |
| 700519 | BDLL150S 6347 | | | | | 4x0,41x150° | Nozzle |
| 70052 | BDLL150S 6348 | 5621098 | | | | 4x0,43x150° | Nozzle |
| 70053 | BDLL140S 6350 | 5621103 | | | | 3x0,35x140° | Nozzle |
| 70054 | BDLL150S 6355 | 5621110 | | | | 4x0,26x150° | Nozzle |
| 70055 | BDLL150S 6372 | 5621120 | | | | 4x0,26x150° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 70056 | BDLL150S 6382 | 5621125 | | | | 4x0,25x150° | Nozzle |
| 70057 | BDLL150S 6385A | 5621181 | | | | 4x0,32x150° | Nozzle |
| 70058 | BDLL160S 6394 | 5621206 | | | | 4x0,27x160° | Nozzle |
| 70059 | BDLL150S 6395 | 5621208 | | | | 4x0,35x150° | Nozzle |
| 70060 | BDLL150S 6397 | 5621212 | | | | 4x0,36x150° | Nozzle |
| 70061 | BDLL160S 6402 | 5621225 | | | | 4x0,25x160° | Nozzle |
| 70062 | BDLL150S 6403 | 5621227 | | | | 4x0,29x150° | Nozzle |
| 70063 | BDLL150S 6407 | 5621229 | | | | 4x0,30x150° | Nozzle |
| 70064 | BDLL150S 6408 | 5621231 | | | | 4x0,27x150° | Nozzle |
| 70065 | BDLL 10S 6410A | 5621236 | | | | 1x0,58x10° | Nozzle |
| 70066 | BDLL176S 6414 | 5621243 | | | | 4x0,28x140° | Nozzle |
| 70067 | BDLL140S 6417 | 5621245 | | | | 4x0,28x140° | Nozzle |
| 70068 | BDLL140S 6422 | 5621251 | | | | 4x0,30x140° | Nozzle |
| 70069 | BDLL140S 6423 | 5621253 | | | | 4x0,28x140° | Nozzle |
| 70070 | BDLL150S 6429 | 5621260 | | | | 4x0,27x150° | Nozzle |
| 70071 | BDLL140S 6433 | 5621280 | | | | 4x0,27x140° | Nozzle |
| 70072 | BDLL150S 6435 | 5621285 | | | | 4x0,28x150° | Nozzle |
| 70073 | BDLL150S 6438 | 5621290 | | | | 4x0,30x150° | Nozzle |
| 70074 | BDLL140S 6439 | 5621295 | | | | 3x0,25x140° | Nozzle |
| 70075 | BDLL150S 6443 | 5621330 | | | | 4x0,29x150° | Nozzle |
| 70076 | BDLL140S 6445 | 5621335 | | | | 4x0,26x140° | Nozzle |
| 70077 | BDLL150S 6448 | 5621345 | | | | 4x0,30x150° | Nozzle |
| 70078 | BDLL140S 6455 | 5621405 | | | | 4x0,23x140° | Nozzle |
| 70079 | BDLL150S 6457 | 5621407 | | | | 4x0,34x150° | Nozzle |
| 70081 | BDLL150S 6469 | 5621510 | | | | 4x0,27x150° | Nozzle |
| 70082 | BDLL140S 6471 | 5621512 | | | | 4x0,31x140° | Nozzle |
| 70083 | BDLL150S 6471 | 5621511 | | | | 4x0,33x150° | Nozzle |
| 70084 | BDLL150S 6472 | 5621513 | | | | 4x0,29x150° | Nozzle |
| 70085 | BDLL150S 6476 | 5621517 | | | | 4x0,31x150° | Nozzle |
| 70086 | BDLL160S 6492 | 5621535 | | | | 4x0,30x160° | Nozzle |
| 70087 | BDLL150S 6495 | 5621538 | | | | 4x0,38x150° | Nozzle |
| 700871 | BDLL150S 6501 | 5621544 | | | | 4x0,29x150° | Nozzle |
| 70088 | BDLL150S 6502 | 5621545 | | | | 4x0,32x150° | Nozzle |
| 70089 | BDLL150S 6506 | 5621549 | | | | 4x0,29x150° | Nozzle |
| 70090 | BDLL150S 6507 | 5621550 | | | | 4x0,28x150° | Nozzle |
| 70091 | BDLL150S 6508 | 5621551 | | | | 4x0,35x150° | Nozzle |
| 70092 | BDLL 10S 6509 | 5621552 | | | | 1x0,60x10° | Nozzle |
| 70093 | BDLL150S 6511 | 5621554 | | | | 4x0,30x150° | Nozzle |
| 70094 | BDLL150S 6513 | 5621556 | | | | 4x0,28x150° | Nozzle |
| 70095 | BDLL160S 6519 | 5621562 | | | | 4x0,34x160° | Nozzle |
| 70096 | BDLL 18S 6522 | 5621565 | | | | 1x0,57x18° | Nozzle |
| 70097 | BDLL150S 6542 | 5621585 | | | | 4x0,33x150° | Nozzle |
| 70098 | BDLL150S 6545 | 5621588 | | | | 4x0,30x150° | Nozzle |
| 70099 | BDLL160S 6550 | 5621593 | | | | 5x0,29x160° | Nozzle |
| 70100 | BDLL160S 6551 | 5621594 | | | | 4x0,30x160° | Nozzle |
| 70101 | BDLL150S 6552 | 5621595 | | | | 4x0,35x150° | Nozzle |
| 70102 | BDLL150S 6554 | 5621597 | | | | 4x0,25x150° | Nozzle |
| 70103 | BDLL150S 6555 | 5621598 | | | | 4x0,27x150° | Nozzle |
| 70104 | BDLL150S 6556 | 5621599 | | | | 4x0,28x150° | Nozzle |
| 70105 | BDLL150S 6557 | 5621600 | | | | 4x0,28x150° | Nozzle |
| 70106 | BDLL150S 6561 | 5621604 | | | | 4x0,25x150° | Nozzle |
| 70107 | BDLL150S 6563 | 5621606 | | | | 4x0,32x150° | Nozzle |
| 70108 | BDLL160S 6569 | 5621612 | | | | 5x0,29x160° | Nozzle |
| 70109 | BDLL150S 6571 | 5621614 | | | | 4x0,27x150° | Nozzle |

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|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 70110 | BDLL150S 6573 | 5621616 | | | | 4x0,29x150° | Nozzle |
| 70112 | BDLL150S 6576C | 5621620 | | | | 4x0,28x150° | Nozzle |
| 70114 | BDLL140S 6581 | 5621626 | | | | 4x0,30x140° | Nozzle |
| 70115 | BDLL150S 6582 | 5621625 | | | | 4x0,26x150° | Nozzle |
| 70116 | BDLL160S 6584 | 5621628 | | | | 4x0,26x160° | Nozzle |
| 70117 | BDLL150S 6589 | 5621634 | | | | 4x0,35x150° | Nozzle |
| 70118 | BDLL150S 6591 | 5621636 | | | | 4x0,31x150° | Nozzle |
| 70119 | BDLL140S 6592 | 5621637 | | | | 4x0,28x140° | Nozzle |
| 70120 | BDLL150S 6594 | 5621639 | | | | 4x0,40x150° | Nozzle |
| 70121 | BDLL150S 6599 | 5621646 | | | | 4x0,30x150° | Nozzle |
| 70122 | BDLL150S 6600 | 5621647 | | | | 4x0,30x150° | Nozzle |
| 70123 | BDLL150S 6601 | 5621648 | | | | 4x0,46x150° | Nozzle |
| 70124 | BDLL150S 6602 | 5621649 | | | | 4x0,28x150° | Nozzle |
| 70125 | BDLL 22S 6604 | 5621651 | | | | 1x0,59x22° | Nozzle |
| 70126 | BDLL140S 6606 | 5621653 | | | | 4x0,38x140° | Nozzle |
| 70127 | BDLL150S 6607 | 5621654 | | | | 4x0,41x150° | Nozzle |
| 70128 | BDLL140S 6608A | 5621670 | | | | 4x0,33x140° | Nozzle |
| 70129 | BDLL140S 6609 | 5621656 | | | | 4x0,35x140° | Nozzle |
| 70130 | BDLL140S 6611 | 5621657 | | | | 4x0,32x140° | Nozzle |
| 70131 | BDLL150S 6613 | 5621659 | | | | 4x0,40x150° | Nozzle |
| 70132 | BDLL150S 6617 | 5621663 | | | | 4x0,30x150° | Nozzle |
| 70133 | BDLL150S 6618 | 5621664 | | | | 4x0,32x150° | Nozzle |
| 70135 | BDLL140S 6622 | 5621669 | | | | 4x0,30x140° | Nozzle |
| 70137 | BDLL140S 6630 | 5621678 | | | | 4x0,31x140° | Nozzle |
| 70138 | BDLL150S 6634 | 5621682 | | | | 4x0,35x150° | Nozzle |
| 70139 | BDLL150S 6639 | 5621685 | | | | 4x0,30x150° | Nozzle |
| 70140 | BDLL150S 6641 | 5621687 | | | | 5x0,36x150° | Nozzle |
| 70141 | BDLL140S 6644 | 5621691 | | | | 4x0,34x140° | Nozzle |
| 70142 | BDLL150S 6649CF | 5621696 | | | | 4x0,31x150° | Nozzle |
| 70143 | BDLL150S 6654 | 5621701 | | | | 4x0,35x150° | Nozzle |
| 70144L | BDLL140S 6655 | 5621702 | | | | 3x0,36x140° | Nozzle |
| 70148 | BDLL150S 6662 | 5621709 | | | | 4x0,29x150° | Nozzle |
| 70149 | BDLL150S 6665 | 5621712 | | | | 4x0,27x150° | Nozzle |
| 70150 | BDLL150S 6666 | 5621713 | | | | 4x0,29x150° | Nozzle |
| 70151 | BDLL150S 6667CF | 5621714 | | | | 4x0,33x150° | Nozzle |
| 70152 | BDLL150S 6673 | 5621720 | | | | 4x0,32x150° | Nozzle |
| 70153 | BDLL150S 6676 | 5621723 | | | | 4x0,31x150° | Nozzle |
| 70154 | BDLL150S 6690 | 5621737 | | | | 4x0,35x150° | Nozzle |
| 70155 | BDLL150S 6691 | 5621738 | | | | 5x0,36x150° | Nozzle |
| 70160 | BDLL150S 6698 | 5621745 | | | | 4x0,26x150° | Nozzle |
| 70161 | BDLL160S 6701 | 5621749 | | | | 4x0,34x160° | Nozzle |
| 70162 | BDLL160S 6702 | 5621750 | | | | 4x0,33x160° | Nozzle |
| 70163 | BDLL160S 6703 | 5621756 | | | | 4x0,30x160° | Nozzle |
| 70164 | BDLL150S 6705CF | 5621751 | | | | 4x0,27x150° | Nozzle |
| 70165 | BDLL140S 6707 | 5621753 | | | | 4x0,29x140° | Nozzle |
| 70166 | BDLL150S 6708C | | | | | 4x0,32x150° | Nozzle |
| 70167 | BDLL150S 6712 | 5621759 | | | | 4x0,39x150° | Nozzle |
| 70168 | BDLL150S 6713 | 5621764 | | | | 4x0,29x150° | Nozzle |
| 70169 | BDLL150S 6718CF | 5621765 | | | | 4x0,34x150° | Nozzle |
| 70171 | BDLL150S 6730CF | 5621777 | | | | 4x0,31x150° | Nozzle |
| 70172 | BDLL150S 6734 | 5621780 | | | | 4x0,35x150° | Nozzle |
| 70173 | BDLL150S 6737CF | 5621784 | | | | 4x0,30x150° | Nozzle |
| 70174 | BDLL150S 6738 | 5621785 | | | | 4x0,29x150° | Nozzle |
| 70175 | BDLL150S 6740 | 5621787 | | | | 4x0,22x150° | Nozzle |

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|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 701751 | BDLL150S 6741CF | 5621789 | | | | 4x0,31x150° | Nozzle |
| 70176 | BDLL150S 6743 | 5621791 | | | | 4x0,26x150° | Nozzle |
| 701762 | BDLL150S 6745 | 5621792 | | | | 4x0,27x150° | Nozzle |
| 70178 | BDLL150S 6764 | 5621807 | | | | 4x0,32x150° | Nozzle |
| 701783 | BDLL140S 6768 | 5621812 | | | | 4x0,35x140° | Nozzle |
| 70179 | BDLL150S 6771 | 5621814 | | | | 4x0,27x150° | Nozzle |
| 70180 | BDLL150S 6774CF | 5621821 | | | | 4x0,30x150° | Nozzle |
| 70181 | BDLL150S 6780CF | 5621827 | | | | 4x0,27x150° | Nozzle |
| 70182 | BDLL150S 6781CF | 5621828 | | | | 4x0,35x150° | Nozzle |
| 701823 | BDLL150S 6786 | 5621829 | | | | 4x0,31x150° | Nozzle |
| 70183 | BDLL150S 6789 | 5621836 | | | | 6x0,33x150° | Nozzle |
| 70184 | BDLL150S 6790CF | 5621837 | | | | 4x0,32x150° | Nozzle |
| 70185 | BDLL150S 6792 | 5621840 | | | | 4x0,31x150° | Nozzle |
| 701851 | BDLL150S 6802 | 5621849 | | | | 4x0,31x150° | Nozzle |
| 70186 | BDLL150S 6803 | 5621850 | | | | 4x0,31x150° | Nozzle |
| 70187 | BDLL155S 6807CF | 5621854 | | | | 4x0,28x155° | Nozzle |
| 701872 | BDLL150S 6808 | 5621855 | | | | 5x0,43x150° | Nozzle |
| 70188 | BDLL150S 6812 | 5621858 | | | | 4x0,33x150° | Nozzle |
| 70189 | BDLL150S 6815 | 5621861 | | | | 4x0,31x150° | Nozzle |
| 70190 | BDLL150S 6817 | 5621862 | | | | 4x0,28x150° | Nozzle |
| 701901 | BDLL150S 6826 | 5621868 | | | | 5x0,32x150° | Nozzle |
| 701902 | BDLL150S 6828CF | 5621869 | | | | 4x0,29x150° | Nozzle |
| 70191 | BDLL150S 6829 | 5621870 | | | | 4x0,26x150° | Nozzle |
| 701918 | BDLL150S 6833CF | 5621873 | | | | 4x0,50x150° | Nozzle |
| 70192 | BDLL140S 6835 | 5621876 | | | | 4x0,39x140° | Nozzle |
| 701921 | BDLL150S 6837 | 5621877 | | | | 4x0,30x150° | Nozzle |
| 70193 | BDLL150S 6839 | 5621889 | | | | 4x0,29x150° | Nozzle |
| 701931 | BDLL150S 6840 | 5621890 | | | | 4x0,32x150° | Nozzle |
| 70194 | BDLL150S 6841 | 5621891 | | | | 4x0,31x150° | Nozzle |
| 70196 | BDLL150S 6846 | 5621897 | | | | 6x0,33x150° | Nozzle |
| 70197C | BDLL124S 6857 | | | | | 4x0,30x124° | Nozzle |
| 70198C | BDLL136S 6858 | 6801063 | | | | 3x0,36x136° | Nozzle |
| 70200C | BDLL138S 6859 | 6801065 | | | | | Nozzle |
| 70274 | BDLL150S 7574 | 5621707 | | | | 4x0,29x150° | Nozzle |
| 70299 | BDLL150S 7919 | 5621874 | | | | 4x0,30x150° | Nozzle |
| 70300C | DPN 5225 | | | | | 5x0,29x148° | Nozzle |
| 70314 | L058 PBA | L058 PBA | | | | 5x0,25x143° | Nozzle |
| 70315 | L059 PBA | L059 PBA | | | | 5x0,25x132° | Nozzle |
| 70316 | L060 PBA | L060 PBA | | | | 5x0,29x140° | Nozzle |
| 70317 | L061 PBA | L061 PBA | | | | 5x0,29x143° | Nozzle |
| 70318 | L062 PBA | L062 PBA | | | | 5x0,24x145° | Nozzle |
| 70319 | L063 PBA | L063 PBA | | | | 5x0,28x138° | Nozzle |
| 70320 | L064 PBA | L064 PBA | | | | 5x0,24x144° | Nozzle |
| 70321 | L065 PBA | L065 PBA | | | | 5x0,30x144° | Nozzle |
| 70322 | L066 PBA | L066 PBA | | | | 5x0,28x129° | Nozzle |
| 70323 | L067 PBA | L067 PBA | | | | 5x0,265x143° | Nozzle |
| 70324 | L068 PBA | L068 PBA | | | | 5x0,26x139° | Nozzle |
| 70326 | L069 PBA | L069 PBA | | | | 5x0,29x139° | Nozzle |
| 70327 | L070 PBA | L070 PBA | | | | 5x0,30x141° | Nozzle |
| 70328 | L072 PBA | L072 PBA | | | | 5x0,25x140° | Nozzle |
| 70329 | L074 PBA | L074 PBA | CP | | | 6x0,205x154° | Nozzle |
| 70340 | L104 PBA | L104 PBA | | | | 5x0,24x145° | Nozzle |
| 70341 | L129 PBA | L129 PBA | | | | 5x0,28x134° | Nozzle |
| 70342 | L130 PBA | L130 PBA | | | | 5x0,24x136° | Nozzle |

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|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 70343 | L131 PBA | L131 PBA | | | | 5x0,26x140° | Nozzle |
| 703431 | L132 PBA | L132 PBA | | | | 5x0,28x136° | Nozzle |
| 703434 | L143 PBA | L143 PBA | | | | | Nozzle |
| 703435 | L144 PBA | L144 PBA | | | | 6x0,22x144° | Nozzle |
| 703439 | L154 PBA | L154 PBA | CP | | | 6x0,20x145° | Nozzle |
| 70344 | L155 PBA | L155 PBA | | | | 6x0,25x142° | Nozzle |
| 703447 | L158 PBA | L158 PBA | | | | 6x0,22x140° | Nozzle |
| 703448 | L159 PBA | L159 PBA | | | | 5x0,29x140° | Nozzle |
| 7034485 | L203 PBA | L203 PBA | CP | | | 7x0,27x155° | Nozzle |
| 7034486 | L204 PBA | L204 PBA | | | | | Nozzle |
| 70345 | L276 PBA | L276 PBA | | | | 5x0,25x132° | Nozzle |
| 703451 | L277 PBA | L277 PBA | | | | 5x0,235x137° | Nozzle |
| 703478 | L328 PBA | L328 PBA | | | | 6x0,23x148° | Nozzle |
| 703479 | L330 PBA | L330 PBA | | | | 6x0,21x138° | Nozzle |
| 70348 | L331 PBA | L331 PBA | | | | 6x0,20x137° | Nozzle |
| 70350 | L010 PBB | L010 PBB | CP | | | 6x0,21x141° | EUI Nozzle |
| 70351 | L011 PBB | L011 PBB | CP | | | 6x0,235x141° | EUI Nozzle |
| 70354 | L014 PBB | L014 PBB | CP | | | 6x0,23x152° | EUI Nozzle |
| 70357 | L017 PBB | L017 PBB | CP | | | 6x0,23x152° | EUI Nozzle |
| 70358 | L018 PBB | L018 PBB | CP | | | 6x0,23x153° | EUI Nozzle |
| 70360 | L024 PBB | L024 PBB | CP | | | 6x0,195x152° | EUI Nozzle |
| 70361 | L029 PBB | L029 PBB | CP | | | 8x0,21x151° | EUI Nozzle |
| 703642 | L092 PBB | L092 PBB | CP | | | 8x0,185x140° | E-Tech Nozzle |
| 703648 | L098 PBB | L098 PBB | CP | | | 8x0,205x140° | E-Tech Nozzle |
| 703652 | L126 PBB | L126 PBB | CP | | | 6x0,245x150° | Nozzle |
| 70366 | L186 PBB | L186 PBB | CP | | | 5x0,20x148° | Nozzle |
| 703663 | L191 PBB | L191 PBB | CP | | | 4x0,25x143° | Nozzle |
| 70369 | L241 PBB | L241 PBB | CP | | | 9x0,125x156° | Nozzle |
| 703695 | L416 PBB | L416 PBB | CP | | | 6x0,27x143° | Nozzle |
| 703699 | L023 PBC | L023 PBC | | | | 6x0,14x139° | HEUI Nozzle |
| 70370 | L025 PBC | L025 PBC | CP | | | 5x0,26x150° | EUI Nozzle |
| 703702 | L028 PBC | L028 PBC | CP | | | 5x0,28x145° | EUI Nozzle |
| 7037025 | L038 PBC | L038 PBC | CP | | | 5x0,235 | EUI Nozzle |
| 703703 | L045 PBC | L045 PBC | CP | | | 6x0,25x150° | EUI Nozzle |
| 7037036 | L048 PBC | L048 PBC | CP | | | 6x0,24x150° | EUI Nozzle |
| 703704 | L051 PBC | L051 PBC | CP | | | 5x0,245x152° | EUI Nozzle |
| 7037040 | L052 PBC | L052 PBC | CP | | | | EUI Nozzle |
| 7037041 | L053 PBC | L053 PBC | CP | | | 7x0,21x150° | Smart Nozzle |
| 70370415 | L055 PBC | L055 PBC | CP | | | | EUI Nozzle |
| 7037044 | L193 PBC | L193 PBC | CP | | | 6x0,25x150° | EUI Nozzle |
| 7037045 | L194 PBC | L194 PBC | CP | | | 6x0,23x150° | EUI Nozzle |
| 7037046 | L195 PBC | L195 PBC | CP | | | 6x0,22x155° | EUI Nozzle |
| 7037047 | L196 PBC | L196 PBC | CP | | | | EUI Nozzle |
| 7037049 | L209 PBC | L209 PBC | CP | | | 5x0,245x150° | EUI Nozzle |
| 703705 | L210 PBC | L210 PBC | CP | | | 5x0,25x152° | EUI Nozzle |
| 7037052 | L211 PBC | L211 PBC | CP | | | 5x0,225x152° | EUI Nozzle |
| 7037055 | L215 PBC | L215 PBC | CP | | | 5x0,265x152° | EUI Nozzle |
| 703706 | L216 PBC | L216 PBC | CP | | | 5x0,255x151° | EUI Nozzle |
| 703707 | L218 PBC | L218 PBC | CP | | | | EUI Nozzle |
| 703708 | L221 PBC | L221 PBC | CP | | | 5x0,26x150° | EUI Nozzle |
| 7037082 | L222 PBC | L222 PBC | CP | | | 5x0,25x150° | EUI Nozzle |
| 7037083 | L223 PBC | L223 PBC | CP | | | | EUI Nozzle |
| 703709 | L225 PBC | L225 PBC | CP | | | 6x0,25x124° | EUI Nozzle |
| 703710 | L226 PBC | L226 PBC | CP | | | 6x0,265x155° | EUI Nozzle |

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|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 7037105 | L229 PBC | L229 PBC | CP | | | | EUI Nozzle |
| 7037109 | L233 PBC | L233 PBC | CP | | | | EUI Nozzle |
| 7037111 | L234 PBC | L234 PBC | CP | | | 5x0,24x154° | EUI Nozzle |
| 7037112 | L240 PBC | L240 PBC | CP | | | | EUI Nozzle |
| 7037113 | L242 PBC | L242 PBC | CP | | | | EUI Nozzle |
| 7037114 | L322 PBC | L322 PBC | CP | | | 6x0,245x150° | EUI Nozzle |
| 7037115 | L325 PBC | L325 PBC | CP | | | 6x0,225x152° | EUI Nozzle |
| 7037116 | L357 PBC | L357 PBC | CP | | | | EUI Nozzle |
| 7037118 | L405 PBC | L405 PBC | CP | | | 7x0,20x156° | Smart Nozzle |
| 703712 | L076 PBD | L076 PBD | CP | | | 6x0,15x154° | 2 Springs Nozzle |
| 703713 | L078 PBD | L078 PBD | CP | | | 6x0,146x140° | 2 Springs Nozzle |
| 703714 | L079 PBD | L079 PBD | CP | | | 5x0,18x150° | 2 Springs Nozzle |
| 703721 | L096 PBD | L096 PBD | CP | | | 6x0,15x155° | CR Nozzle |
| 703722 | L097 PBD | L097 PBD | CP | | | 6x0,18x151° | CR Nozzle |
| 703728 | L120 PBD | L120 PBD | CP | | | 5x0,16x144° | CR Nozzle |
| 703729 | L121 PBD | L121 PBD | CP | | | 6x0,155x150° | CR Nozzle |
| 703733 | L133 PBD | L133 PBD | CP | | | 6x0,15x154° | CR Nozzle |
| 703734 | L135 PBD | L135 PBD | CP | | | 7x0,13x155° | CR Nozzle |
| 70374 | LP004 B | LP004 B | CP | | | 8x0,19x157° | EUI Nozzle |
| 703771 | LP051 B | LP051 B | | | | 5x0,24x133° | Nozzle |
| 703772 | LP052 B | LP052 B | | | | 5x0,26x131° | Nozzle |
| 703773 | LP053 B | LP053 B | | | | 5x0,24x145° | Nozzle |
| 703774 | LP054 B | LP054 B | | | | 5x0,25x144° | Nozzle |
| 703775 | LP055 B | LP055 B | | | | 5x0,28x133° | Nozzle |
| 70380 | L087 PRD | L087 PRD | CP | | | 5x0,145x145° | CR Nozzle |
| 70382 | L136 PRD | L136 PRD | CP | | | 6x0,165x152° | CR Nozzle |
| 703821 | L137 PRD | L137 PRD | CP | | | | CR Nozzle |
| 703822 | L138 PRD | L138 PRD | CP | | | | CR Nozzle |
| 70383 | L157 PRD | L157 PRD | CP | | | | CR Nozzle |
| 703833 | L163 PRD | L163 PRD | CP | | | | CR Nozzle |
| 703836 | L244 PRD | L244 PRD | CP | | | | CR Nozzle |
| 70384 | L274 PRD | L274 PRD | CP | | | | CR Nozzle |
| 70385 | L281 PRD | L281 PRD | CP | | | 7x0,125x155° | CR Nozzle |
| 703855 | L340 PRD | | CP | | | | CR Nozzle |
| 703856 | L341 PRD | H341 | CP | DLC | | | CR Nozzle |
| 703857 | L342 PRD | H342 | CP | DLC | | | CR Nozzle |
| 70386 | L347 PRD | H347 | CP | DLC | | | CR Nozzle |
| 70387 | L363 PRD | L363 PRD | CP | | | | CR Nozzle |
| 703871 | L364 PRD | H364 | CP | DLC | | 8x0,12x155° | CR Nozzle |
| 703872 | L365 PRD | | CP | | | | CR Nozzle |
| 70388 | L374 PRD | H374 | CP | DLC | | | CR Nozzle |
| 703881 | L375 PRD | H375 | CP | DLC | | | CR Nozzle |
| 70390 | L381 PRD | L381 PRD | CP | | | | CR Nozzle |
| 70393 | G467 | G467 | CP | DLC | | | CR Nozzle |
| 70394 | G488 | G488 | CP | DLC | | | CR Nozzle |
| 70395 | G523 | G523 | CP | DLC | | | CR Nozzle |
| 70401C | 6801001 | RB6801001 | | | | 2x0,36+2x0,40 | Nozzle |
| 70403 | 6801011 | JB6801011 | | | | 4x0,35x149° | Nozzle |
| 70404 | 6801012 | JB6801012 | | | | 4x0,27x150° | Nozzle |
| 70405 | 6801014 | JB6801014 | | | | 3x0,34x147° | Nozzle |
| 70407 | 6801016 | JB6801016 | | | | 4x0,33x149° | Nozzle |
| 70408 | 6801017 | JB6801017 | | | | 4x0,34x150° | Nozzle |
| 70409 | 6801018 | JB6801018 | | | | 4x0,30x150° | Nozzle |
| 70410 | 6801019 | JB6801019 | | | | 4x0,30x150° | Nozzle |

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|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 70411 | 6801022 | JB6801022 | | | | 4x0,30x148° | Nozzle |
| 70413 | 6801024 | JB6801024 | | | | 4x0,24x154° | Nozzle |
| 70415 | 6801026 | JB6801026 | | | | 4x0,41x138° | Nozzle |
| 70416 | 6801027 | JB6801027 | | | | 4x0,29x150° | Nozzle |
| 70419 | 6801029 | JB6801029 | | | | 4x0,27x147° | Nozzle |
| 70422 | 6801032 | JB6801032 | | | | 4x0,31x150° | Nozzle |
| 70424 | 6801034 | JB6801034 | | | | 4x0,37x136° | Nozzle |
| 70425 | 6801047 | JB6801047 | | | | 4x0,31x150° | Nozzle |
| 704253 | 6801051 | JB6801051 | | | | 4x0,40x128° | Nozzle |
| 704254 | 6801052 | JB6801052 | | | | 4x0,30x128° | Nozzle |
| 704254C | 6801053 | 6801053 | | | | 4x0,25x161° | Nozzle |
| 704255 | 6801057 | JB6801057 | | | | 4x0,29x140° | Nozzle |
| 704256 | 6801058 | JB6801058 | | | | 4x0,30x148° | Nozzle |
| 70426 | 6801060 | JB6801060 | | | | 4x0,34x156° | Nozzle |
| 704261 | 6801061 | JB6801061 | | | | 4x0,26x157° | Nozzle |
| 70427 | 6801072 | JB6801072 | | | | 5x0,29x150° | Nozzle |
| 70428 | 6801075 | JB6801075 | | | | 4x0,38x154° | Nozzle |
| 70430 | 6801079 | JB6801079 | | | | 4x0,29x156° | Nozzle |
| 70432 | 6801081 | JB6801081 | | | | 4x0,25x160° | Nozzle |
| 70433 | 6801082 | JB6801082 | | | | 4x0,34x147° | Nozzle |
| 704334 | 6801084 | JB6801084 | | | | 4x0,28x143° | Nozzle |
| 704337 | 6801087 | JB6801087 | | | | 5x0,29x146° | Nozzle |
| 704338 | 6801088 | JB6801088 | | | | 4x0,30x142° | Nozzle |
| 70434 | 6801093 | JB6801093 | | | | 4x0,33x147° | Nozzle |
| 704345 | 6801100 | JB6801100 | | | | 4x0,33x139° | Nozzle |
| 70435 | 6801104 | JB6801104 | | | | 4x0,32x142° | Nozzle |
| 704356 | 6801106 | JB6801106 | | | | 4x0,29x149° | Nozzle |
| 704362 | 6801110 | JB6801110 | | | | 4x0,29x140° | Nozzle |
| 7043621 | 6801111 | JB6801111 | | | | 4x0,25x145° | Nozzle |
| 7043622 | 6801112E | JB6801112E | | | | 4x0,26x154° | Nozzle |
| 7043628 | 6801118 | JB6801118 | | | | 4x0,31x154° | Nozzle |
| 7043631 | 6801121 | JB6801121 | | | | 4x0,29x159° | Nozzle |
| 7043632 | 6801122 | JB6801122 | | | | 4x0,28x155° | Nozzle |
| 7043633 | 6801123 | JB6801123 | | | | 4x0,37x157° | Nozzle |
| 7043639 | 6801124 | JB6801124 | | | | 4x0,345x157° | Nozzle |
| 7043640 | 6801127 | JB6801127 | | | | 4x0,39x157° | Nozzle |
| 7043641 | 6801128 | JB6801128 | | | | 4x0,28x149° | Nozzle |
| 7043644 | 6801130 | JB6801130 | | | | 4x0,26x153° | Nozzle |
| 7043645 | 6801131 | JB6801131 | | | | 6x0,28x149° | Nozzle |
| 7043647 | 6801133 | JB6801133 | | | | 4x0,27x149° | Nozzle |
| 7043648 | 6801134 | JB6801134 | | | | 5x0,27x154° | Nozzle |
| 704365 | 6801135 | JB6801135 | | | | 5x0,29x150° | Nozzle |
| 704366 | 6801148 | JB6801148 | | | | 5x0,29x150° | Nozzle |
| 704367 | 6801157 | JB6801157 | | | | 4x0,33x145° | Nozzle |
| 7043671 | 6801158 | JB6801158 | | | | | Nozzle |
| 704368 | 6801164 | JB6801164 | | | | 5x0,25x150° | Nozzle |
| 7043681 | 6801165 | JB6801165 | | | | 4x0,31x150° | Nozzle |
| 704368C | 6801172 | 6801172 | | | | 4x0,25x160° | Nozzle |
| 704369 | 6801173 | JB6801173 | | | | 4x0,28x150° | Nozzle |
| 70437 | 6801175 | JB6801175 | | | | 4x0,25x146° | Nozzle |
| 70438 | 6801176 | JB6801176 | | | | 4x0,28x144° | Nozzle |
| 704382 | 6801180 | JB6801180 | | | | 4x0,26x153° | Nozzle |
| 70439 | 6809409 | JB6809409 | | | | 3x0,32x136° | Nozzle |
| 70448 | 6950708 | JB6950708 | | | | 4x0,39x130° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|---------------|---------------|-------------|----|-----|-----|----------------|-------------|
| Delphi | | | | | | | |
| 706381C | BDLLA150S 308 | 5628927 | | | | 5x0,34x150° | Nozzle |
| 706382C | BDLLA150S 310 | 5628928 | | | | 5x0,35x150° | Nozzle |
| 706384C | BDLLA150S 312 | 5628929 | | | | 5x0,27x150° | Nozzle |
| NDL10286 | BDL35T 486 | | | | | 3x0,50x35° | Nozzle |
| NDL10407 | BDL160T 6087 | | | | | 6x0,33x160° | Nozzle |
| NDL10532 | BDL140T 6332 | | | | | 6x0,43x140° | Nozzle |
| NDL20503 | BDLL130T 6331 | | | | | 7+1x0,35x130° | Nozzle |

| | | | | | | | |
|--------------|----------------------|-------------|--|--|--|--------------------|---------------|
| Denso | | | | | | | |
| 43080 | ND-DN4SD24ND 80 | 093400-0800 | | | | | Pintle Nozzle |
| 43090 | ND-DN4SDND 90 | 093400-0900 | | | | | Pintle Nozzle |
| 43133 | ND-DN4SDND 133 | 093400-1330 | | | | | Pintle Nozzle |
| 43135 | ND-DN4SDND 135 | 093400-1350 | | | | | Pintle Nozzle |
| 43177 | ND-DN0SDN 177 | 093400-1770 | | | | | Pintle Nozzle |
| 43187 | ND-DN0SDN 187 | 093400-2910 | | | | | Pintle Nozzle |
| 43320 | DN15PD 6 | 093400-5060 | | | | | Pintle Nozzle |
| 43332 | DN20PD 32 | 093400-5420 | | | | | Pintle Nozzle |
| 43337 | DN0PD 37 | 093400-5370 | | | | | Pintle Nozzle |
| 43358 | DN0PD 58 | 093400-5580 | | | | | Pintle Nozzle |
| 43360 | DN0PD 80 | 093400-5800 | | | | | Pintle Nozzle |
| 43361 | DN0PD 95 | 093400-5950 | | | | | Pintle Nozzle |
| 43367 | DN15PD 609 | 093400-6090 | | | | | Pintle Nozzle |
| 43369 | DN0PD 619 | 093400-6260 | | | | | Pintle Nozzle |
| 43373 | DN0PD 628 | 093400-6280 | | | | | Pintle Nozzle |
| 43381 | DN4PD 681 | 093400-6810 | | | | | Pintle Nozzle |
| 73603 | ND-DLLA150S3840ND 52 | 093400-0520 | | | | 2x0,38+2x0,40 | Nozzle |
| 73605 | ND-DLLA150S384ND 57 | 093400-0570 | | | | 4x0,38x150° | Nozzle |
| 73610 | ND-DLLA150S3840ND 70 | 093400-0700 | | | | 2x0,38+2x0,40 | Nozzle |
| 73615 | ND-DLLA150S3133ND 73 | 093400-0730 | | | | 2x0,31+2x0,32 | Nozzle |
| 73619 | ND-DLLA150S3739ND82 | 093400-0820 | | | | 2x0,37+2x0,39x150° | Nozzle |
| 73625 | ND-DLLA160S295ND 96 | 093400-0960 | | | | 5x0,29x160° | Nozzle |
| 73630 | ND-DLLA150S3133ND 97 | 093400-0970 | | | | 2x0,31+2x0,33 | Nozzle |
| 73638 | ND-DLLA150S325ND 117 | 093400-1170 | | | | 5x0,32x150° | Nozzle |
| 73639 | ND-DLLA150S414ND 118 | 093400-1180 | | | | 2x0,37+2x0,41 | Nozzle |
| 73640 | ND-DLLA154S324ND 119 | 093400-1190 | | | | 4x0,32x154° | Nozzle |
| 73653 | ND-DLLA150S315ND 145 | 093400-1450 | | | | 5x0,32x150° | Nozzle |
| 736537 | ND-DLLA160S295ND 147 | 093400-1470 | | | | 5x0,29x160° | Nozzle |
| 736549 | ND-DLLA160S295ND 152 | 093400-1520 | | | | 5x0,29x160° | Nozzle |
| 73655 | ND-DLLA142S344ND 153 | 093400-1530 | | | | 4x0,34x142° | Nozzle |
| 73656 | ND-DLLA150SND 154 | 093400-1540 | | | | 4x0,41x150° | Nozzle |
| 73659 | ND-DLLA142S315ND 159 | 093400-1590 | | | | 5x0,31x142° | Nozzle |
| 73660 | ND-DLLA155SND 160 | 093400-1600 | | | | 5x0,34x155° | Nozzle |
| 73670 | ND-DLLA160SND 171 | 093400-1710 | | | | 5x0,29x160° | Nozzle |
| 73681 | ND-DLLA160SND 181 | 093400-1810 | | | | 5x0,31x160° | Nozzle |
| 73686 | ND-DLLA155SND 199 | 093400-1991 | | | | 5x0,30x155° | Nozzle |
| 73687 | ND-DLLA150SND 200 | 093400-2002 | | | | 6x0,30x150° | Nozzle |
| 73689 | ND-DLLA150SND 227 | 093400-2270 | | | | 5x0,29x150° | Nozzle |
| 736892 | ND-DLLA150SND 228 | 093400-2282 | | | | 5x0,29x150° | Nozzle |
| 73691 | ND-DLLA150SND 229 | 093400-2292 | | | | 5x0,29x150° | Nozzle |
| 73692 | ND-DLLA155SND 234 | 093400-2340 | | | | 5x0,28x153° | Nozzle |
| 73693 | ND-DLLA160SND 243 | 093400-2431 | | | | 5x0,33x160° | Nozzle |
| 73694 | ND-DLLA160SND 249 | 093400-2490 | | | | 5x0,31x160° | Nozzle |
| 73695 | ND-DLLA157SND 250 | 093400-2500 | | | | 5x0,31x157° | Nozzle |
| 73697 | ND-DLLA155SND 263 | 093400-2630 | | | | 5x0,27x155° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|---------------|-------------------|-------------|----|-----|-----|----------------|------------------|
| 73698 | ND-DLLA157SND 297 | 093400-2970 | | | | 6x0,25x157° | Nozzle |
| 73699 | ND-DLLA157SND 314 | 093400-3140 | | | | 6x0,21x155° | Nozzle |
| 73703 | ND-DLLA160P 3 | 093400-5030 | | | | 5x0,29x160° | Nozzle |
| 73709 | ND-DLLA150P 9 | 093400-5090 | | | | 4x0,31x150° | Nozzle |
| 73716 | ND-DLLA155P 16 | 093400-5160 | | | | 5x0,26x155° | Nozzle |
| 73724 | ND-DLLA150P 24 | 093400-5240 | | | | 5x0,26x150° | Nozzle |
| 73725 | ND-DLLA160P 25 | 093400-5250 | | | | 5x0,28x160° | Nozzle |
| 73735 | ND-DLLA150P 35 | 093400-5350 | | | | 5x0,27x150° | Nozzle |
| 73750 | ND-DLLA160P 50 | 093400-5500 | | | | 5x0,29x160° | Nozzle |
| 73759 | ND-DLLA150P 59 | 093400-5590 | | | | 4x0,31x150° | Nozzle |
| 73761 | ND-DLLA150P 61 | 093400-5611 | | | | 4x0,29x150° | Nozzle |
| 73763 | ND-DLLA152P 69 | 093400-5690 | | | | 5x0,29x152° | Nozzle |
| 73765 | ND-DLLA150P 77 | 093400-5770 | | | | 5x0,30x150° | Nozzle |
| 737652 | ND-DLLA160P 79 | 093400-5790 | | | | 5x0,275x160° | Nozzle |
| 73769 | ND-DLLA148P 99 | 093400-5990 | | | | 7x0,23x148° | Nozzle |
| 73782 | ND-DLLA150P 602 | 093400-6020 | | | | 5x0,26x150° | Nozzle |
| 73795 | ND-DLLA158P 615 | 093400-6150 | | | | 7x0,25x158° | Nozzle |
| 737956 | ND-DLLA158P 616 | 093400-6160 | CP | | | 7x0,22x158° | Nozzle |
| 73796 | ND-DLLA158P 617 | 093400-6170 | CP | | | 7x0,255x158° | Nozzle |
| 737965 | ND-DLLA155P 631 | 093400-6310 | | | | 4x0,28x155° | Nozzle |
| 737968 | ND-DLLA155P 638 | 093400-6380 | | | | 5x0,24x155° | Nozzle |
| 73797 | ND-DLLA145P 639 | 093400-6390 | CP | | | 6x0,23x145° | Nozzle |
| 737979 | ND-DLLA154P 642 | 093400-6420 | | | | 5x0,23x154° | Nozzle |
| 73798 | ND-DLLA140P 643 | 093400-6430 | | | | 5x0,29x140° | Nozzle |
| 73799 | ND-DLLA150P 644 | 093400-6440 | | | | 5x0,26x147° | Nozzle |
| 73805 | ND-DLLA148P 662 | 093400-6620 | CP | | | 7x0,215x148° | Nozzle |
| 73807 | ND-DLLA150P 671 | 093400-6710 | | | | 5x0,27x150° | Nozzle |
| 73809 | ND-DLLA154P 674 | 093400-6740 | | | | 5x0,26x154° | Nozzle |
| 73810 | ND-DLLA155P 683 | 093400-6830 | | | | 6x0,265x155° | CR Nozzle |
| 738101 | ND-DLLA145P 684 | 093400-6840 | | | | | 2 Springs Nozzle |
| 738103 | ND-DLLA144P 690 | 093400-6900 | | | | | CR Nozzle |
| 738105 | ND-DLLA146P 692 | 093400-6920 | CP | | | 5x0,21x146° | 2 Springs Nozzle |
| 738108 | ND-DLLA149P 703 | 093400-7030 | CP | DLC | | 6x0,205x149° | CR Nozzle |
| 738109 | ND-DLLA144P 705 | 093400-7050 | CP | | | 5x0,22x144° | Nozzle |
| 73811 | ND-DLLA155P 706 | 093400-7060 | CP | DLC | | 6x0,22x155° | CR Nozzle |
| 738121 | ND-DLLA154P 717 | 093400-7170 | CP | DLC | | 5x0,215x154° | CR Nozzle |
| 73815 | ND-DLLA144P 720 | 093400-7200 | CP | DLC | | 7x0,185x144° | CR Nozzle |
| 73817 | ND-DLLA147P 747 | 093400-7470 | CP | DLC | | 6x0,14x147° | CR Nozzle |
| 73818 | ND-DLLA145P 748 | 093400-7480 | CP | DLC | | 6x0,22x145° | CR Nozzle |
| 73819 | ND-DLLA155P 753 | 093400-7530 | CP | DLC | | 7x0,155x155° | CR Nozzle |
| 73821 | ND-DLLA143P 761 | 093400-7610 | | | | 6x0,285x143° | CR Nozzle |
| 73822 | ND-DLLA147P 762 | 093400-7620 | CP | DLC | | 6x0,21x147° | CR Nozzle |
| 73823 | ND-DLLA148P 763 | 093400-7630 | CP | DLC | | 7x0,185x148° | CR Nozzle |
| 73824 | ND-DLLA148P 764 | 093400-7640 | CP | DLC | | 7x0,203x148° | CR Nozzle |
| 738241 | ND-DLLA148P 765 | 093400-7650 | CP | DLC | | 6x0,185x148° | CR Nozzle |
| 738244 | ND-DLLA146P 768 | 093400-7680 | CP | DLC | | 6x0,19x146° | 2 Springs Nozzle |
| 738251 | ND-DLLA147P 788 | 093400-7880 | CP | DLC | | 6x0,15x147° | CR Nozzle |
| 73829 | ND-DLLA142P 793 | 093400-7930 | CP | DLC | | 6x0,235x142° | CR Nozzle |
| 73830 | ND-DLLA152P 798 | 093400-7980 | | | | | CR Nozzle |
| 73831 | ND-DLLA156P 799 | 093400-7990 | CP | DLC | | 6x0,18x156° | CR Nozzle |
| 73835 | ND-DLLA152P 805 | 093400-8050 | CP | DLC | | 6x0,14x152° | CR Nozzle |
| 738371 | ND-DLLA155P 807 | 093400-8070 | CP | DLC | | 7x0,145x155° | CR Nozzle |
| 73838 | ND-DLLA133P 814 | 093400-8140 | CP | DLC | | 6x0,195x133° | CR Nozzle |
| 73839 | ND-DLLA150P 815 | 093400-8150 | CP | DLC | | 6x0,12x150° | CR Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-----------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 738395 | ND-DLLA148P 816 | 093400-8160 | CP | DLC | | 7x0,155x148° | CR Nozzle |
| 738401 | ND-DLLA148P 817 | 093400-8170 | CP | DLC | | 6x0,13x148° | CR Nozzle |
| 738402 | ND-DLLA148P 820 | 093400-8200 | CP | DLC | | 7x0,19x148° | CR Nozzle |
| 738403 | ND-DLLA148P 821 | 093400-8210 | CP | DLC | | 7x0,21x148° | CR Nozzle |
| 738405 | ND-DLLA148P 826 | 093400-8260 | CP | DLC | | 7x0,16x148° | CR Nozzle |
| 738406 | ND-DLLA148P 828 | 093400-8280 | CP | DLC | | 7x0,22x148° | CR Nozzle |
| 738407 | ND-DLLA144P 830 | 093400-8300 | CP | | | 5x0,21x144° | 2 Springs Nozzle |
| 738409 | ND-DLLA158P 834 | 093400-8340 | CP | DLC | | 8x0,22x158° | CR Nozzle |
| 73841 | ND-DLLA150P 835 | 093400-8350 | CP | DLC | | 6x0,205x150° | CR Nozzle |
| 738417 | ND-DLLA155P 840 | 093400-8400 | CP | DLC | | 6x0,165x155° | CR Nozzle |
| 73842 | ND-DLLA155P 842 | 093400-8420 | CP | DLC | | 6x0,195x155° | CR Nozzle |
| 738431 | ND-DLLA158P 844 | 093400-8440 | CP | DLC | | 7x0,12x158° | CR Nozzle |
| 73844 | ND-DLLA155P 848 | 093400-8480 | CP | DLC | | 6x0,175x155° | CR Nozzle |
| 738450 | ND-DLLA139P 851 | 093400-8510 | CP | DLC | | 6x0,175x139° | CR Nozzle |
| 738451 | ND-DLLA142P 852 | 093400-8520 | CP | DLC | | 6x0,25x142° | CR Nozzle |
| 7384541 | ND-DLLA158P 854 | 970950-0547 | CP | DLC | | 7x0,16x158° | CR Nozzle |
| 73846 | ND-DLLA157P 855 | 093400-8550 | CP | DLC | | 6x0,155x157° | CR Nozzle |
| 73847 | ND-DLLA155P 856 | 093400-8560 | CP | DLC | | 7x0,19x155° | CR Nozzle |
| 73849 | ND-DLLA150P 861 | 093400-8610 | | | | 5x0,25x150° | Nozzle |
| 7384911 | ND-DLLA152P 862 | 093400-8620 | CP | DLC | | 6x0,15x152° | CR Nozzle |
| 7384931 | ND-DLLA155P 863 | 093400-8630 | CP | DLC | | 8x0,14x155° | CR Nozzle |
| 7384941 | ND-DLLA145P 864 | 093400-8640 | CP | DLC | | 6x0,145x145° | CR Nozzle |
| 7384951 | ND-DLLA152P 865 | 093400-8650 | CP | DLC | | 8x0,21x152° | CR Nozzle |
| 738496 | ND-DLLA150P 866 | 093400-8660 | CP | DLC | | 6x0,18x150° | CR Nozzle |
| 7384971 | ND-DLLA145P 870 | 093400-8700 | CP | DLC | | 6x0,16x145° | CR Nozzle |
| 738498 | ND-DLLA148P 872 | 093400-8720 | CP | DLC | | 8x0,16x148° | CR Nozzle |
| 7384991 | ND-DLLA145P 875 | 093400-8750 | CP | DLC | | 6x0,17x145° | CR Nozzle |
| 7384992 | ND-DLLA155P 876 | 093400-8760 | CP | DLC | | 9x0,105x155° | CR Nozzle |
| 7384999 | ND-DLLA155P 880 | 093400-8800 | CP | DLC | | 8x0,13x155° | CR Nozzle |
| 73850 | ND-DLLA154P 881 | 093400-8810 | CP | DLC | | 6x0,135x154° | CR Nozzle |
| 738510 | ND-DLLA153P 884 | 093400-8840 | CP | DLC | | 7x0,12x153° | CR Nozzle |
| 738511 | ND-DLLA153P 885 | 093400-8850 | CP | DLC | | 7x0,15x153° | CR Nozzle |
| 73852 | ND-DLLA139P 887 | 093400-8870 | CP | DLC | | 6x0,185x139° | CR Nozzle |
| 73853 | ND-DLLA125P 889 | 093400-8890 | CP | DLC | | 6x0,21x125° | CR Nozzle |
| 73854 | ND-DLLA129P 890 | 093400-8900 | CP | DLC | | 6x0,19x129° | CR Nozzle |
| 738551 | ND-DLLA156P 905 | 093400-9050 | CP | DLC | | 7x0,175x156° | CR Nozzle |
| 73856 | ND-DLLA150P 906 | 093400-9060 | CP | DLC | | 6x0,20x150° | CR Nozzle |
| 738565 | ND-DLLA158P 909 | 093400-9090 | CP | DLC | | 8x0,25x158° | CR Nozzle |
| 738571 | ND-DLLA148P 915 | 093400-9150 | CP | DLC | | 6x0,215x148° | CR Nozzle |
| 7385713 | ND-DLLA152P 917 | 093400-9170 | CP | DLC | | 8x0,115x152° | CR Nozzle |
| 7385714 | ND-DLLA138P 919 | 093400-9190 | CP | DLC | | 6x0,24x138° | CR Nozzle |
| 7385715 | ND-DLLA148P 924 | 093400-9240 | CP | DLC | | 7x0,13x148° | CR Nozzle |
| 7385717 | ND-DLLA139P 925 | 093400-9250 | CP | DLC | | 6x0,165x139° | CR Nozzle |
| 738581 | ND-DLLA150P 927 | 093400-9270 | CP | DLC | | 8x0,175x150° | CR Nozzle |
| 738582 | ND-DLLA152P 929 | 093400-9290 | CP | DLC | | 8x0,22x152° | CR Nozzle |
| 7385831 | ND-DLLA148P 932 | 093400-9320 | CP | DLC | | 8x0,13x148° | CR Nozzle |
| 738589 | ND-DLLA155P 939 | 093400-9390 | CP | DLC | | 8x0,10x155° | CR Nozzle |
| 738590 | ND-DLLA155P 941 | 093400-9410 | CP | DLC | | 6x0,145x155° | CR Nozzle |
| 738591 | ND-DLLA127P 944 | 093400-9440 | CP | DLC | | 5x0,18x127° | CR Nozzle |
| 738592 | ND-DLLA127P 945 | 093400-9450 | CP | DLC | | 5x0,16x127° | CR Nozzle |
| 738593 | ND-DLLA152P 947 | 093400-9470 | CP | DLC | | 8x0,155x152° | CR Nozzle |
| 7385951 | ND-DLLA151P 955 | 093400-9550 | CP | DLC | | 7x0,135x151° | CR Nozzle |
| 738605 | ND-DLLA155P 960 | 093400-9600 | CP | DLC | | 9x0,10x155° | CR Nozzle |
| 7386091 | ND-DLLA155P 964 | 093400-9640 | CP | DLC | | 7x0,18x155° | CR Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|------------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| 738611 | ND-DLLA155P 965 | 093400-9650 | CP | DLC | | 8x0,21x155° | CR Nozzle |
| 738621 | ND-DLLA150P 966 | 093400-9660 | CP | DLC | | 6x0,135x150° | CR Nozzle |
| 73865 | ND-DLLA155P 970 | 093400-9700 | CP | DLC | | 9x0,11x155° | CR Nozzle |
| 73866 | ND-DLLA155P 971 | 093400-9710 | CP | DLC | | 9x0,10x155° | CR Nozzle |
| 738671 | ND-DLLA153P 977 | 093400-9770 | CP | DLC | | 7x0,17x153° | CR Nozzle |
| 73870 | ND-DLLA152P 980 | 093400-9800 | CP | DLC | | 6x0,15x152° | CR Nozzle |
| 73871 | ND-DLLA152P 981 | 093400-9810 | CP | DLC | | 6x0,145x152° | CR Nozzle |
| 738712 | ND-DLLA129P 983 | 093400-9830 | CP | DLC | | 6x0,19x129° | CR Nozzle |
| 738713 | ND-DLLA158P 984 | 093400-9840 | CP | DLC | | 7x0,17x158° | CR Nozzle |
| 73872 | ND-DLLA152P 989 | 093400-9890 | | | | | CR Nozzle |
| 73873 | ND-DLLA150P 991 | 093400-9910 | CP | DLC | | 6x0,23x150° | CR Nozzle |
| 73875 | ND-DLLA150P 1023 | 093400-1023 | CP | DLC | | 6x0,11x150° | CR Nozzle |
| 73876 | ND-DLLA145P 1024 | 093400-1024 | CP | DLC | | 6x0,145x145° | CR Nozzle |
| 738761 | ND-DLLA155P 1025 | 093400-1025 | CP | DLC | | 8x0,13x155° | CR Nozzle |
| 7387615 | ND-DLLA150P 1026 | 093400-1026 | CP | DLC | | 6x0,13x150° | CR Nozzle |
| 7387616 | ND-DLLA155P 1027 | 093400-1027 | CP | DLC | | 9x0,11x155° | CR Nozzle |
| 738762 | ND-DLLA155P 1028 | 093400-1028 | CP | DLC | | 9x0,105x155° | CR Nozzle |
| 7387629 | ND-DLLA155P 1030 | 093400-1030 | CP | DLC | | 7x0,145x155° | CR Nozzle |
| 738763 | ND-DLLA145P 1031 | 093400-1031 | CP | DLC | | 7x0,15x145° | CR Nozzle |
| 738764 | ND-DLLA149P 1036 | 093400-1036 | CP | DLC | | 7x0,20x149° | CR Nozzle |
| 738766 | ND-DLLA152P 1040 | 093400-1040 | CP | DLC | | 8x0,12x152° | CR Nozzle |
| 738768 | ND-DLLA155P 1044 | 093400-1044 | CP | DLC | | 6x0,165x155° | CR Nozzle |
| 73877 | ND-DLLA145P 1049 | 093400-1049 | CP | DLC | | 8x0,215x145° | CR Nozzle |
| 73881 | ND-DLLA150P 1052 | 093400-1052 | CP | DLC | | 8x0,205x150° | CR Nozzle |
| 738813 | ND-DLLA150P 1054 | 093400-1054 | CP | DLC | | 8x0,155x150° | CR Nozzle |
| 738817 | ND-DLLA150P 1059 | 093400-1059 | CP | DLC | | 6x0,18x150° | CR Nozzle |
| 73882 | ND-DLLA155P 1062 | 093400-1062 | CP | DLC | | 8x0,13x155° | CR Nozzle |
| 73887 | ND-DLLA152P 1072 | 093400-1072 | CP | DLC | | 8x0,125x150° | CR Nozzle |
| 73890 | ND-DLLA155P 1090 | 093400-1090 | CP | DLC | | 7x0,185x155° | CR Nozzle |
| 73892 | ND-DLLA158P 1092 | 093400-1092 | CP | DLC | | 7x0,12x158° | CR Nozzle |
| 73896 | ND-DLLA158P 1096 | 093400-1096 | CP | DLC | | 7x0,17x158° | CR Nozzle |
| 738961 | ND-DLLA152P 1097 | 093400-1097 | CP | DLC | | 8x0,21x152° | CR Nozzle |
| 73959 | G3S1 | | CP | DLC | | Ø3.5 - 10x0,12x153° | CR Nozzle |
| 73960 | G3S3 | | CP | DLC | | Ø3.5 - 8x0,12x153° | CR Nozzle |
| 739601 | G3S4 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 73961 | G3S6 | | CP | DLC | | Ø3.5 - 8x0,13x153° | CR Nozzle |
| 73962 | G3S7 | | CP | DLC | | Ø3.5 - 6x0,12x148° | CR Nozzle |
| 739621 | G3S8 | | CP | DLC | | Ø3.5 - 8x0,12x159° | CR Nozzle |
| 73963 | G3S10 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 739632 | G3S12 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 73964 | G3S16 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 73965 | G3S17 | | CP | DLC | | Ø3.5 - 6x0,19x125° | CR Nozzle |
| 73966 | G3S22 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 739667 | G3S29 | | CP | DLC | | Ø3.5 - 8x0,11x152° | CR Nozzle |
| 73967 | G3S32 | | CP | DLC | | Ø3.5 - 8x0,13x145° | CR Nozzle |
| 73968 | G3S33 | | CP | DLC | | Ø3.5 - 6x0,15x145° | CR Nozzle |
| 739685 | G3S41 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 73969 | G3S45 | | CP | DLC | | Ø3.5 - 7x0,155x144° | CR Nozzle |
| 739691 | G3S46 | | CP | DLC | | Ø3.5 - 8x0,12x151° | CR Nozzle |
| 739692 | G3S47 | | CP | DLC | | Ø3.5 - 8x0,115x152° | CR Nozzle |
| 739695 | G3S48 | | CP | DLC | | Ø3.5 - 7x0,125x154° | CR Nozzle |
| 73970 | G3S49 | | CP | DLC | | Ø3.5 - 7x0,145x146° | CR Nozzle |
| 739701 | G3S50 | | CP | DLC | | Ø3.5 - 7x0,15x145° | CR Nozzle |
| 739702 | G3S51 | | CP | DLC | | Ø3.5 | CR Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|--------------|----------|-------------|----|-----|-----|---------------------|--------------|
| Denso | | | | | | | |
| 739703 | G3S52 | | CP | DLC | | Ø3.5 - 8x0,13x148° | CR Nozzle |
| 739704 | G3S53 | | CP | DLC | | Ø3.5 - 8x0,145x146° | CR Nozzle |
| 73972 | G3S58 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 73973 | G3S60 | | CP | DLC | | Ø3.5 - 8x0,14x154° | CR Nozzle |
| 73975 | G3S69 | | CP | DLC | | Ø3.5 - 7x0,185x148° | CR Nozzle |
| 73976 | G3S72 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 73977 | G3S77 | | CP | DLC | | Ø3.5 - 8x0,13x149° | CR Nozzle |
| 73979 | G3S79 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 73981 | G3S81 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 73983 | G3S87 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 73990 | G3S112 | | CP | DLC | | Ø3.5 | CR Nozzle |
| 73P203 | G2P3 | | CP | DLC | | | Piezo Nozzle |
| 73P316 | G3P016 | | CP | DLC | | | Piezo Nozzle |
| 73P317 | G3P017 | | CP | DLC | | | Piezo Nozzle |

Detroit Diesel

| | | | | | | | |
|-------|----------|-------------------------|--|--|--|--|--------|
| 59509 | 522 8436 | Tip 35,40,45,6S8 | | | | | Nozzle |
| 59513 | 522 8554 | Tip HV7,8,9 S70,80,90 | | | | | Nozzle |
| 59515 | 522 9026 | Tip N55,60,65 C55,60,65 | | | | | Nozzle |
| 59517 | 522 9030 | Tip N65 B65 5A50,55,60 | | | | | Nozzle |
| 59519 | 522 9034 | Tip N35,40,45,50 C40,45 | | | | | Nozzle |
| 59521 | 522 9184 | Tip F70....105 | | | | | Nozzle |
| 59523 | 522 9192 | Tip N70,75,80 C65 M60 | | | | | Nozzle |
| 59525 | 522 9256 | Tip M95 N80,90 | | | | | Nozzle |
| 59529 | 522 9636 | Tip 7A65,70,75 7C70,75 | | | | | Nozzle |
| 59531 | 522 9642 | Tip 7A50,55,60 | | | | | Nozzle |
| 59533 | 522 9806 | Tip FB/FC70,75,80,90 | | | | | Nozzle |

Doowon

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|--------|-------------------|-------------|--|--|--|----------------------|--------|
| 76233 | KP-DLLA160SK 881 | | | | | (2x0,36+2x0,34)x160° | Nozzle |
| 76235 | KP-DLLA150SK 985 | | | | | 5x0,345x150° | Nozzle |
| 76236 | KP-DLLA150SK 985A | | | | | 5x0,34x150° | Nozzle |
| 76256 | KP-DLLA155SM 066 | 105029-1320 | | | | 5x0,34x155° | Nozzle |
| 76257 | KP-DLLA155SM 067 | 105029-1330 | | | | 5x0,30x155° | Nozzle |
| 76272 | KP-DLLA150SN 082 | 105029-1370 | | | | 4x0,26x150° | Nozzle |
| 76273 | KP-DLLA155SN 083 | | | | | 5x0,30x155° | Nozzle |
| 76274 | KP-DLLA160SN 084 | | | | | 5x0,32x160° | Nozzle |
| 76284 | KP-DLLA160SN 644 | 105029-1190 | | | | 5x0,29x160° | Nozzle |
| 76301 | KP-DLLA150SN 902 | 105029-1280 | | | | 5x0,31x150° | Nozzle |
| 763014 | KP-DLLA156SN 921 | 105029-1290 | | | | 6x0,29x156° | Nozzle |
| 76307 | KP-DLLA155PK 107 | | | | | 4x0,34x155° | Nozzle |
| 76308 | KP-DLLA160PN 070 | | | | | 5x0,28x160° | Nozzle |
| 76310 | KP-DLLA160PN 141 | see 73441 | | | | 5x0,30x160° | Nozzle |
| 76312 | KP-DLLA155PN 179 | 105029-2000 | | | | 4x0,31x155° | Nozzle |
| 76313 | KP-DLLA155PN 200 | 105029-2020 | | | | 4x0,28x155° | Nozzle |
| 763132 | KP-DLLA155PN 202 | 105029-2030 | | | | 5x0,26x155° | Nozzle |
| 763133 | KP-DLLA153PN 203A | 105029-203A | | | | 5x0,26x153° | Nozzle |

F&M

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|--------|--------------|--------------|--|--|--|-------------|--------|
| 76804 | D1LMK 140/4 | 9431 362 350 | | | | 4x0,42x140° | Nozzle |
| 76821 | D1LMK 150/21 | 9431 362 378 | | | | 3x0,29x150° | Nozzle |
| 76839 | D1LMK 150/39 | 9431 362 390 | | | | 3x0,31x150° | Nozzle |
| 76842 | D1LMK 150/42 | 9431 362 414 | | | | 4x0,33x150° | Nozzle |
| 76854C | D1LMK 150/54 | | | | | 3x0,31x150° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|----------------|--------------|-------------|----|-----|-----|----------------|-------------|
| 72000 | DLL145S 4F | | | | | 4x0,27x145° | Nozzle |
| 72005 | DLL145S 19F | | | | | 4x0,22x145° | Nozzle |
| 72006 | DLL145S 20F | | | | | 4x0,28x145° | Nozzle |
| 72007L | DLL145S 24F | | | | | 4x0,27x145° | Nozzle |
| 72011L | DLL160S 30F | | | | | 4x0,33x160° | Nozzle |
| 72012L | DLL145S 31F | | | | | 4x0,29x145° | Nozzle |
| 72013L | DLL140S 33F | | | | | 4x0,35x140° | Nozzle |
| 72014 | DLL145S 34F | | | | | 4x0,30x145° | Nozzle |
| 72015 | DLL145S 35F | | | | | 4x0,25x145° | Nozzle |
| 72016 | DLL145S 36F | | | | | 4x0,29x145° | Nozzle |
| 72017L | DLL140S 37F | | | | | 4x0,33x140° | Nozzle |
| 72018L | DLL160S 38F | | | | | 4x0,33x160° | Nozzle |
| 72019L | DLL140S 39F | | | | | 4x0,32x140° | Nozzle |
| 72020 | DLL160S 40F | | | | | 4x0,30x160° | Nozzle |
| 72021L | DLL145S 43F | | | | | 4x0,30x145° | Nozzle |
| 72023L | DLL145S 50F | | | | | 4x0,29x145° | Nozzle |
| 72024 | DLL150S 51F | | | | | 4x0,31x150° | Nozzle |
| 72025L | DLL160S 52F | | | | | 4x0,36x160° | Nozzle |
| 72026 | DLL145S 54F | | | | | 4x0,28x145° | Nozzle |
| 72027 | DLL145S 55F | | | | | 4x0,28x145° | Nozzle |
| 72028L | DLL140S 56F | | | | | 3x0,44x140° | Nozzle |
| 72029L | DLL145S 60F | | | | | 4x0,33x145° | Nozzle |
| 72030L | DLL160S 62F | | | | | 4x0,37x160° | Nozzle |
| 72031L | DLL140S 64F | | | | | 3x0,36x140° | Nozzle |
| 72032L | DLL160S 65F | | | | | 4x0,38x160° | Nozzle |
| 72033 | DLL150S 67F | | | | | 4x0,41x150° | Nozzle |
| 72034 | DLL150S 68F | | | | | 4x0,33x150° | Nozzle |
| 72035 | DLL145S 69F | | | | | 4x0,33x145° | Nozzle |
| 72036L | DLL140S 70F | | | | | 3x0,37x140° | Nozzle |
| 72037 | DLL150S 71F | | | | | 4x0,34x150° | Nozzle |
| 72038 | DLL150S 72F | | | | | 4x0,42x150° | Nozzle |
| 72039 | DLL145S 73F | | | | | 4x0,35x145° | Nozzle |
| 72040 | DLL150S 74F | | | | | 4x0,40x150° | Nozzle |
| 72041L | DLL140S 75F | | | | | 3x0,36x140° | Nozzle |
| 72042 | DLL150S 76F | | | | | 4x0,36x150° | Nozzle |
| 72043L | DLL140S 77F | | | | | 3x0,45x140° | Nozzle |
| 72044 | DLL150S 78F | | | | | 4x0,33x150° | Nozzle |
| 72056 | DLL145S 73W | | | | | 4x0,35x145° | Nozzle |
| 72057 | DLL150S 79W | | | | | 4x0,48x150° | Nozzle |
| 72058L | DLL139S 80WS | | | | | 4x0,42x139° | Nozzle |
| 72059L | DLL139S 81WS | | | | | 4x0,40x139° | Nozzle |
| 72060C | DLL124S 500W | | | | | 4x0,31x124° | Nozzle |
| 72061C | DLL136S 501W | | | | | 3x0,36x136° | Nozzle |
| 72070CL | DLL160A 570W | | | | | 4x0,29x160° | Nozzle |
| 72080 | DLL150S 600W | | | | | 4x0,36x150° | Nozzle |

Ford-Navistar

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|---------------|--------------------------|--------------|--|--|--|--|-------------|
| 441005 | Nozzle Assy. BC-BE | DT466E/I530E | | | | | HEUI Nozzle |
| 441006 | Nozzle Assy. BG-BJ | DT466E/I530E | | | | | HEUI Nozzle |
| 441007 | Nozzle Assy. AA/B/C/D/E/ | T444E | | | | | HEUI Nozzle |
| 441015 | Nozzle Assy. BB | DT466E/I530E | | | | | HEUI Nozzle |
| 441016 | Nozzle Assy. BI | DT466E/I530E | | | | | HEUI Nozzle |
| 441025 | Nozzle Assy. BA | DT466E/I530E | | | | | HEUI Nozzle |
| 441026 | Nozzle Assy. BN | DT466E/I530E | | | | | HEUI Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|----------|----------|-------------|----|-----|-----|----------------|-------------|
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Ford-Navistar

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|---------|-------------------|-----------------------|----|--|--|----------------|-------------|
| 441035 | Nozzle Assy. BD | DT466E/I530E | | | | | HEUI Nozzle |
| 441036 | Nozzle Assy. BP | DT466E/I530E | | | | | HEUI Nozzle |
| 441045 | Nozzle Assy. BF | DT466E/I530E | | | | | HEUI Nozzle |
| 7641005 | BC - BE | Navistar DT466E/I530E | CP | | | 5 holes x0,225 | HEUI Nozzle |
| 7641006 | BG - BJ | Navistar DT466E/I530E | CP | | | 6 holes x0,19 | HEUI Nozzle |
| 7641007 | AA-AB-AC-AD-AE-AF | Navistar T444E | CP | | | 7 holes x0,17 | HEUI Nozzle |
| 7641015 | BB | Navistar DT466E/I530E | CP | | | 5 holes x0,22 | HEUI Nozzle |
| 7641016 | BI | Navistar DT466E/I530E | CP | | | 6 holes x0,175 | HEUI Nozzle |
| 7641025 | BA | Navistar DT466E/I530E | CP | | | 5 holes x0,25 | HEUI Nozzle |
| 7641026 | BN | Navistar DT466E/I530E | CP | | | 6 holes x0,195 | HEUI Nozzle |
| 7641035 | BD | Navistar DT466E/I530E | CP | | | 5 holes x0,28 | HEUI Nozzle |
| 7641036 | BP | Navistar DT466E/I530E | CP | | | 6 holes x0,17 | HEUI Nozzle |
| 7641045 | BF | Navistar DT466E/I530E | CP | | | 5 holes x0,23 | HEUI Nozzle |

GMT

| | | | | | | | |
|----------|-------------------|-------------------|--|--|--|--------------|--------|
| NFT22030 | SF152CUB830 | 1Q547302/1Q529552 | | | | 8x0,30x152° | Nozzle |
| NFT22035 | SF152CUB835 | 1Q547303/1Q529552 | | | | 8x0,35x152° | Nozzle |
| NFT22040 | SF152CUB840 | 1Q529551/1Q529552 | | | | 8x0,40x152° | Nozzle |
| NFT22045 | SF152CUB845 | 1Q559083/1Q529552 | | | | 8x0,45x152° | Nozzle |
| NFT23000 | SF152FGM830 | 1Q313772/1P249415 | | | | 8x0,30x152° | Nozzle |
| NFT23003 | SF152FGM835 | 1Q313771/1P249415 | | | | 8x0,35x152° | Nozzle |
| NFT23005 | SF152FGM835-3G | 1Q507048/1P249415 | | | | 8x0,35x152° | Nozzle |
| NFT23057 | SF157T11133/740AB | | | | | 7x0,40x157° | Nozzle |
| NFT23070 | 12798-GMT-01/55 | 1114300270 | | | | 7x0,40x157° | Nozzle |
| NFT42201 | SFF146FC1055FGM | 1R219146/1P218150 | | | | 10x0,55x146° | Nozzle |
| NFT50600 | SF534275-600 | 1Q534275/1Q523687 | | | | 1x4,5 | Nozzle |
| NFT55100 | SF0 550/11 | 1R510453/1P507030 | | | | 1x4,5 | Nozzle |
| NFT55110 | SF0 550/13 | 1R523686/1Q523687 | | | | 1x4,5 | Nozzle |

HiMSEN

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|---------|--------|--|--|--|--|--------------|--------|
| NHM1720 | H17FV2 | | | | | | Nozzle |
| NHM2533 | H25FV1 | | | | | 10x0,38x155° | Nozzle |
| NHM3240 | H32FV1 | | | | | 12x0,52x157° | Nozzle |
| NHM3241 | H32FV1 | | | | | 12x0,52x157° | Nozzle |
| NHM3242 | H32FV2 | | | | | 12x0,53x153° | Nozzle |

Lucas-Bryce

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|--------|------------------|-----------|--|--|--|-------------|---------------|
| 41437 | P1S4S 437 | 5643190 | | | | | Pintle Nozzle |
| 70450 | HL140J29D 845 P2 | 5680568 | | | | 4x0,29x140° | Nozzle |
| 70451 | HL150J22D 828 P2 | 5680567 | | | | 4x0,22x150° | Nozzle |
| 70460 | L001CTA | L001CTA | | | | 5x0,25x140° | Nozzle |
| 70500 | HL120S20B 249 P3 | | | | | 2x0,20x120° | Nozzle |
| 70501 | HL120S27D 541 | 5621080 | | | | 4x0,27x120° | Nozzle |
| 705015 | HL120S31E940P3 | 9170-006D | | | | 5x0,31x120° | Nozzle |
| 70502 | HL127S36D 662 P3 | 5680420 | | | | 4x0,36x127° | Nozzle |
| 70503 | HL130S25D 182 P2 | | | | | 4x0,25x130° | Nozzle |
| 70504 | HL130S26C 175 P3 | 5680402 | | | | 3x0,26x130° | Nozzle |
| 70505 | HL130S28C 209 P3 | | | | | 3x0,28x130° | Nozzle |
| 70508 | HL134S25D 656 P2 | | | | | 4x0,25x134° | Nozzle |
| 70509 | HL135S35C 247 | | | | | 3x0,35x135° | Nozzle |
| 70510 | HL140S24D 397 P3 | 5680406 | | | | 4x0,24x140° | Nozzle |
| 70511 | HL140S25C 544 | 5621295 | | | | 3x0,25x140° | Nozzle |
| 70512 | HL140S25D 693 P2 | 5680564 | | | | 4x0,25x140° | Nozzle |
| 70513 | HL140S25C 761 | 5680446 | | | | 3x0,25x140° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|--------------------|------------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| Lucas-Bryce | | | | | | | |
| 70514 | HL140S25D 881 P2 | 5680572 | | | | 4x0,25x140° | Nozzle |
| 70515 | HL140S28C 545 P3 | | | | | 3x0,28x140° | Nozzle |
| 70516 | HL140S28D 693 P2 | 5680566 | | | | 4x0,28x140° | Nozzle |
| 70517 | HL140S29D 502 P2 | | | | | 4x0,29x140° | Nozzle |
| 70518 | HL140S30D P3 | | | | | 4x0,30x140° | Nozzle |
| 70519 | HL141S30D 811 P2 | 5680451 | | | | 4x0,30x141° | Nozzle |
| 70520 | HL142S32D 525 P2 | 5680455 | | | | 4x0,32x142° | Nozzle |
| 70521 | HL150S25D 450 P2 | 5621120 | | | | 4x0,25x150° | Nozzle |
| 70522 | HL150S26D 502 P2 | | | | | 4x0,26x150° | Nozzle |
| 70524 | HL150S27D 448 | 5620960 | | | | 4x0,27x150° | Nozzle |
| 70525 | HL150S27D 548 P2 | 5621510 | | | | 4x0,27x150° | Nozzle |
| 70526 | HL150S27D 553 | 5620960 | | | | 4x0,27x150° | Nozzle |
| 70528 | HL150S30C 547 | | | | | 3x0,30x150° | Nozzle |
| 70530 | HL160S25D 379 A | 5620855 | | | | 4x0,25x160° | Nozzle |
| 70531 | HL160S25D 451 | 5621206 | | | | 4x0,27x160° | Nozzle |
| 70532 | HL160S28D 752 | | | | | 4x0,28x160° | Nozzle |
| 70533 | HL176S27D 525 P2 | 5621243 | | | | 4x0,27x140° | Nozzle |
| 70534 | HL176S30D 525 P2 | 5680403 | | | | 4x0,30x140° | Nozzle |
| NBR10003 | H0T60A823P8 | | | | | 1x0,60 | Nozzle |
| NBR10167 | H140T43F529 | | | | | 6x0,43x140° | Nozzle |
| NBR10242 | H145T45H532P6 | | | | | 8x0,45x145° | Nozzle |
| NBR10314 | H150T40L814P4 | 123x1129 | | | | | Nozzle |
| NBR10350 | H155T30H837P4 | | | | | 8x0,32x155° | Nozzle |
| NBR10352 | H155T30H1101P4 | | | | | 8x0,30x155° | Nozzle |
| NBR10355 | H155T34HP5 | | | | | 8x0,34x155° | Nozzle |
| NBR10402 | H160T33FP6 | | | | | 6x0,33x160° | Nozzle |
| NBR10419 | H160T36H696P4 | | | | | 8x0,36x160° | Nozzle |
| NBR10422 | H160T37K904AP7 | 223 10232 | | | | 9x0,375x160° | Nozzle |
| NBR10432 | H160T40E464P4 | | | | | 5x0,40x160° | Nozzle |
| NBR10440 | H160T40F464P3 | | | | | 6x0,40x160° | Nozzle |
| NBR10447 | H160T40F576 | | | | | 6x0,40x160° | Nozzle |
| NBR10476 | H160T40F464P3 | | | | | | Nozzle |
| NBR10477 | H160T45F464P4 | | | | | 6x045x160° | Nozzle |
| NBR20103 | HL130T35H418P6 | | | | | 7+1x0,35x130° | Nozzle |
| NBR20114 | HL132T37H200P5 | | | | | 8x0,37x132° | Nozzle |
| NBR20125 | HL140T45F200P3 | | | | | 6x0,45x140° | Nozzle |
| NBR20128 | HL140T48F200P4 | | | | | 6x0,48x140° | Nozzle |
| NBR20135 | HL145T45H775P5 | | | | | 8x0,45x145° | Nozzle |
| NBR20149 | HL150T35K200P6 | | | | | 9x0,35x150° | Nozzle |
| NBR20154 | HL150T35L759P4 | | | | | 5+5x0,35x150° | Nozzle |
| NBR20158 | HL150T38K775P4 | | | | | 9x0,38x150° | Nozzle |
| NBR20159 | HL150T38K785P4 | | | | | 9x0,38x150° | Nozzle |
| NBR201591 | HL150T40K718P5 | | | | | 9x0,40x150° | Nozzle |
| NBR201592 | HL150T40K785P4 | | | | | 9x0,40x150° | Nozzle |
| NBR201598 | HL150T38L703P8 | | | | | 10x0,38x150° | Nozzle |
| NBR20160 | HL150T38L748P8 | | | | | 10x0,38x150° | Nozzle |
| NBR20182 | HL150T44H718P5 | | | | | 8x0,44x150° | Nozzle |
| NBR20184 | HL150T44H795P5 | | | | | 8x0,44x150° | Nozzle |
| NBR20188 | HL150T50G200P4 | | | | | 7x0,50x150° | Nozzle |
| NBR20195 | HL155T46K880P4 | | | | | 9x0,46x155° | Nozzle |
| NBR45344 | HL150V100L744P12 | | | | | 10x1,00x150° | Nozzle |
| NBR45400 | HL153V90L900P12 | | | | | 10x0,90x153° | Nozzle |

Lucas-Simms

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
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Lucas-Simms

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|-------|--------|---------------|--|--|--|-------------|--------|
| 70570 | NL 141 | BDLL150S 6571 | | | | 4x0,27x150° | Nozzle |
| 70572 | NL 179 | BDLL140S 6423 | | | | 4x0,29x140° | Nozzle |

MaK

| | | | | | | | |
|----------|------|-------------------|--|--|--|--------------|--------|
| NMK15112 | A1/2 | 280 220 014 | | | | 10x0,31x140° | Nozzle |
| NMK15114 | A1/4 | | | | | 12x0,34x150° | Nozzle |
| NMK17220 | A2/2 | | | | | 12x0,30x140° | Nozzle |
| NMK18035 | A3/5 | | | | | 12x0,33x140° | Nozzle |
| NMK21410 | B4/1 | | | | | 10x0,39x140° | Nozzle |
| NMK30420 | C1/1 | DLZ150VV-C3245033 | | | | | Nozzle |
| NMK30421 | C2/1 | DLF150VV-C3440100 | | | | 12x0,40x150° | Nozzle |
| NMK30422 | C2/2 | DLF150VV-C3440100 | | | | 12x0,38x150° | Nozzle |
| NMK67420 | D4/2 | 210 220 647 | | | | 10x0,43x140° | Nozzle |

Man

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|----------|-----------|------------------|--|--|--|-------------|--------|
| NMA62456 | 2456 3711 | 8514910 IMO-2456 | | | | 9x0,26x141° | Nozzle |
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Motorpal

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|----------|------------------|--|--|--|--|-------------|--------|
| 74002 | DOP150S 335-4359 | | | | | 3x0,35x150° | Nozzle |
| 740035 | DOP150S 428-1416 | | | | | 4x0,28x150° | Nozzle |
| 74004 | DOP150S 428-4357 | | | | | 4x0,28x150° | Nozzle |
| 740045 | DOP160S 430-1436 | | | | | 4x0,30x160° | Nozzle |
| 740048 | DOP150S 430-1439 | | | | | 4x0,31x150° | Nozzle |
| 74006 | DOP160S 430-4370 | | | | | 4x0,30x160° | Nozzle |
| 740083 | DOP140S 435-4369 | | | | | 4x0,35x140° | Nozzle |
| 74010 | DOP150S 525-53 | | | | | 5x0,26x150° | Nozzle |
| 74011 | DOP150S 525-1402 | | | | | 5x0,25x150° | Nozzle |
| 740115 | DOP150S 525-1440 | | | | | 5x0,25x150° | Nozzle |
| 74013 | DOP140S 530 | | | | | 5x0,30x140° | Nozzle |
| 740155 | DOP150S 535-1417 | | | | | 5x0,36x150° | Nozzle |
| 740163 | DOP115S 535-4375 | | | | | 5x0,35x115° | Nozzle |
| 740165 | DOP160S 625-1444 | | | | | 6x0,25x160° | Nozzle |
| 74017 | DOP160S 625-4343 | | | | | 6x0,25x160° | Nozzle |
| 74045 | DOP148P 522-3883 | | | | | | Nozzle |
| 74046 | DOP144P 522-3885 | | | | | | Nozzle |
| 74050 | DOP152P 522-3898 | | | | | 5x0,20x152° | Nozzle |
| 74055 | DOP144P 524-3886 | | | | | | Nozzle |
| 74058 | DOP130P 528-3897 | | | | | | Nozzle |
| 74060 | DOP122P 533-3827 | | | | | 5x0,34x122° | Nozzle |
| NMP27350 | DO140T735-4501 | | | | | 7x0,35x140° | Nozzle |
| NMP27828 | DO150T828-4533 | | | | | 8x0,28x150° | Nozzle |
| NMP27839 | DO140T840-09 | | | | | 8x0,40x140° | Nozzle |
| NMP27840 | DO150T840-09 | | | | | 8x0,41x150° | Nozzle |
| NMP27934 | DO150T935-4509 | | | | | 9x0,38x150° | Nozzle |
| NMP27935 | DO150T935-4515 | | | | | 9x0,36x150° | Nozzle |
| NMP30042 | DO150U842-4603 | | | | | 8x0,42x150° | Nozzle |
| NMP30135 | DO155U935 | | | | | 9x0,35x155° | Nozzle |

OMAP

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|--------|----------------|--|--|--|--|-------------|--------|
| 79030 | OLL160S 3273 | | | | | 4x0,29x160° | Nozzle |
| 79031C | OLL160S 3273-5 | | | | | 4x0,29x160° | Nozzle |
| 79070 | OLL150S 8770 | | | | | 5x0,33x150° | Nozzle |
| 79091C | OLL160S 9666/5 | | | | | 4x0,23x160° | Nozzle |
| 79131 | OLL160P 9161 | | | | | 4x0,30x160° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
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OMAP

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| 79146 | OLL155P 9566 | | | | | 4x0,29x155° | Nozzle |
| 79160 | OLL150P 9966 | | | | | 4x0,25x150° | Nozzle |
| 79198 | OLL150P 10068 | | CP | | | 4x0,19x150° | Nozzle |

Perkins

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|-------|----------|----------|--|--|--|--------------|--------|
| 76205 | 2645L605 | | | | | 4x0,31x135° | Nozzle |
| 76206 | 2645L606 | | | | | 4x0,32x151° | Nozzle |
| 76208 | 2645L608 | | | | | 4x0,30x146° | Nozzle |
| 76209 | 2645L609 | | | | | 4x0,30x149° | Nozzle |
| 76211 | 2645L611 | | | | | 4x0,305x148° | Nozzle |
| 76212 | 2645L612 | | | | | 4x0,33x140° | Nozzle |
| 76213 | 2645L613 | | | | | 4x0,30x149° | Nozzle |
| 76215 | 2645L615 | | | | | 4x0,32x152° | Nozzle |
| 76216 | 2645L616 | 21-00106 | | | | 4x0,30x143° | Nozzle |
| 76217 | 2645L617 | | | | | 5x0,29x139° | Nozzle |

Ruston

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|-----------|----------------|--|--|--|--|---------------|--------|
| NRS14003 | FAPC/B23060A | | | | | 8x0,36x150° | Nozzle |
| NRS140031 | FAPC/B23060A | | | | | 8x0,36x150° | Nozzle |
| NRS14007 | FAR-23000 | | | | | 10x0,355x160° | Nozzle |
| NRS140071 | FAR-23000 | | | | | 10x0,355x160° | Nozzle |
| NRS20100 | FVCB/B-23030 | | | | | 8x0,30x140° | Nozzle |
| NRS20201 | FVEB-23030 | | | | | 8x0,41x155° | Nozzle |
| NRS20212 | FVEB/B-23030 | | | | | 8x0,34x140° | Nozzle |
| NRS20223 | FVEBX/B-23030 | | | | | 8x0,43x130° | Nozzle |
| NRS20244 | FVEBX/B-23030A | | | | | 8x0,405x130° | Nozzle |
| NRS20265 | FVYX | | | | | 5x0,50x150° | Nozzle |
| NRS20305 | FYH/B-23030 | | | | | 6x0,35x160° | Nozzle |
| NRS20308 | FYHX/B-23030 | | | | | 5x0,43x160° | Nozzle |
| NRS20327 | FYM-23030 | | | | | 5x0,50x150° | Nozzle |
| NRS20330 | FYMC-23030 | | | | | 5x0,55x150° | Nozzle |
| NRS20345 | FYLC | | | | | 5x0,55x150° | Nozzle |
| NRS20350 | FYLY | | | | | 5x0,59x150° | Nozzle |
| NRS30000 | F65-00251B | | | | | 10x0,46x150° | Nozzle |
| NRS76995 | FYC/B 23030 | | | | | 3x0,30x133° | Nozzle |
| NRS76996 | FYW/B 23030 | | | | | 3x0,27x140° | Nozzle |

Seven Diesel

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| 76001 | 71930 | VM | | | | 4x0,30x160° | Nozzle |
| 76038 | DSL150.A38 | | | | | 4x0,32x150° | Nozzle |
| 76586 | 1386886 | Scania | CP | | | 8x0,23x152° | Nozzle |
| NBW40600 | 4-600-0254 | B&W | | | | 5x1,3 | Nozzle |
| NBW40975 | 1324975-9 | B&W | | | | 5x0,52 | Nozzle |
| NBW41395 | 577 32970 95 | B&W | | | | 3x0,95 | Nozzle |
| NBW45278 | DL145T 278 IMO1534 | MAN 16/24 WGG | | | | 8x0,27x145° | Nozzle |
| NBW45308 | DL145T 308 | B&W 16/24 | | | | 8x0,30x145° | Nozzle |
| NBW50324 | 5032458R | B&W | | | | 10x0,39x148° | Nozzle |
| NBW6910A | VUM-U910A/E | IMO1235 | | | | 13x0,43x82° | Nozzle |
| NBW6910B | VUM-U910B/E | IMO1611 | | | | 13x0,39x82° | Nozzle |
| NBW6910C | VUM-U910C/E | IMO1758 | | | | 13x0,41x82° | Nozzle |
| NBW69390 | 2008-1602 | IMO1611 | | | | 13x0,39x164° | Nozzle |
| NBW69395 | 2008-1602 | IMO1611 | | | | 13x0,395x164° | Nozzle |
| NBW69415 | 2008-1602 | IMO1611 | | | | 13x0,415x164° | Nozzle |
| NBW69435 | 2008-1602 | IMO1611 | | | | 13x0,435x164° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
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Seven Diesel

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| NCR10094 | CREP 094T | Crepelle | | | | 10x0,40x155° | Nozzle |
| NCR10108 | CREP 108T | Crepelle | | | | 10x0,37x155° | Nozzle |
| NMI71080 | 0.80 - 4N | 093 4N 22 10 26 10 7.7R | | | | | Nozzle |
| NMS271 | DMS271 | Mitsubishi UEC45LA | | | | | Nozzle |
| NMS272 | DMS272 | Mitsubishi UEC37/88H | | | | | Nozzle |
| NNC15BPG | B28FV1 | 7x5 | | | | 10x0,39x148° | Nozzle |
| NPL17019 | BVC352A | | | | | 8x0,38x110° | Nozzle |
| NSB61056 | NSB61056 | Smit&Bolnes | | | | 1x4,50 | Nozzle |
| NSB66056 | NSB66056 | Smit&Bolnes | | | | 10x0,55x134° | Nozzle |
| NSR447 | SAURER SPC1085 | 150-4-47 | | | | 4x0,47x150° | Nozzle |
| NST569 | 569/1 RR | STEYR MARINE | | | | 6x0,17x151° | Nozzle |
| NVA10004 | PO150 8 04 | Wartsila | | | | 8x0,40x150° | Nozzle |
| NWK09100 | NWK09100 | Waukesha | | | | 6x0,12x150° | Nozzle |
| NZS008 | CBW-D008 | IMO1534 | | | | 8x0,29x145° | Nozzle |
| NZS0081 | CBW-D008 | IMO1534 | | | | 8x0,29x145° | Nozzle |
| NZS0205 | CMN-D205 | IMO1482 | | | | 9x0,45x148° | Nozzle |
| NZS0207 | CMN-D207 | IMO1859 | | | | 11x0,42x144° | Nozzle |
| NZS021 | CBW-D021 | IMO1529-1530 | | | | 9x0,28x145° | Nozzle |
| NZS0211 | CBW-D0211 | IMO1521-1522 | | | | 8x0,29x145° | Nozzle |
| NZS074 | CBW-D074 | IMO2456 | | | | 9x0,27x142° | Nozzle |
| NZS1002 | CBW-D002 | IMO1706 | | | | 10x0,32x148° | Nozzle |
| NZS156 | ZK156-9335 | | | | | 9x0,335x156° | Nozzle |
| NZS158 | ZK150T832 | | | | | 8x0,32x150° | Nozzle |
| NZS22164 | IMO221646 | | | | | 5x0,26+4x0,24 | Nozzle |
| NZS550 | 145S 550 | | | | | 5x0,50x145° | Nozzle |
| NZS560 | 150S 560 | | | | | 5x0,60x150° | Nozzle |
| NZS580 | 150S 580 | | | | | 5x0,80x150° | Nozzle |
| NZS580-9 | 150S 590 | | | | | 5x0,90x150° | Nozzle |
| NZS590 | 147S 590 | | | | | 5x0,90x147° | Nozzle |
| NZS67900 | 9.29.26790.0 | | | | | 1x0,60 | Nozzle |
| NZS750 | SLL150S 750 | 7x0,50x150° | | | | 7x0,50x150° | Nozzle |
| NZS750L | LL150S 750L | 7x0,50x150° | | | | 7x0,50x150° | Nozzle |
| NZS760 | SLL150S 760 | 7x0,60x150° | | | | 7x0,60x150° | Nozzle |
| NZS9150 | 9150 | Diesel Zichai | | | | 9x0,39x150° | Nozzle |
| NZS9154 | 9154 | Diesel Zichai | | | | 9x0,39x154° | Nozzle |
| NZS952 | 26020800009 | SXD 9x0,52x148° | | | | 9x0,52x148° | Nozzle |

Siemens VDO

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| 76501 | M0001P153 | | CP | DLC | | 7x0,12x153° | CR Nozzle |
| 76502 | M0002P156 | | CP | DLC | | 6x0,13x156° | CR Nozzle |
| 76503 | M0003P153 | | CP | DLC | | 6x0,16x153° | CR Nozzle |
| 765034 | M0004P153 | | CP | DLC | | 7x0,13x152° | CR Nozzle |
| 765035 | M0005P153 | | CP | DLC | | 6x0,14x153° | CR Nozzle |
| 76504 | M0006P154 | | CP | DLC | | 6x0,195x154° | CR Nozzle |
| 765045 | M0008P155 | | CP | DLC | | 7x0,105x155° | CR Nozzle |
| 76505 | M0011P162 | | CP | DLC | | 7x0,125x162° | CR Nozzle |
| 765051 | M0012P154 | | CP | DLC | | 7x0,125x154° | CR Nozzle |
| 765053 | M0019P140 | | CP | DLC | | 8x0,12x140° | CR Nozzle |
| 765055 | M0027P155 | | CP | DLC | | 7x0,11x155° | CR Nozzle |
| 765057 | M0031P145 | | CP | DLC | | 7x0,155x145° | CR Nozzle |
| 7650571 | M0032P150 | | | | | | CR Nozzle |
| 76506 | M0502P147.6 | | CP | DLC | | 6x0,125x147° | CR Nozzle |
| 76510 | M0604P142 | | CP | DLC | | 6x0,15 | CR Nozzle |
| 76511 | M1001P152 | | CP | DLC | | 7x0,13x152° | CR Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
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Siemens VDO

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| 76512 | M1003P152 | | CP | DLC | | 7x0,11x152° | CR Nozzle |
| 76515 | M1600P150 | | CP | DLC | | 6x0,19x150° | CR Nozzle |
| 76520 | V0600P142 | | CP | DLC | | 5x0,165x140° | CR Nozzle |
| 76530 | V0605P144 | | CP | DLC | | 6x0,12 | CR Nozzle |
| 76550 | V0802P150 | CP0307950949 6L | CP | | | 6x0,27x150° | HEUI Nozzle |
| 765503 | V0802P150 | CP0425746441 6L | CP | | | 6x0,235x150° | HEUI Nozzle |
| 765506 | V0802P150 | CP0734984167 6L | CP | | | 6x0,195x150° | HEUI Nozzle |
| 765512 | V0803P150 | | CP | | | 7x0,145x150° | HEUI Nozzle |
| 765513 | V0803P150 | | CP | | | 7x0,165x150° | HEUI Nozzle |
| 76553 | V0203P152 | | CP | | D/A | 6x0,165x152° | CR Nozzle |

Sigma

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|-------|--------------|---------|--|--|--|------------|--------|
| 75007 | IBMDB 1035 C | 202 553 | | | | 2x0,42x10° | Nozzle |
|-------|--------------|---------|--|--|--|------------|--------|

SKL

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|----------|-----------------|------------------|--|--|--|-------------|--------|
| NSK10530 | TA 535 130 13 | | | | | 5x0,35x130° | Nozzle |
| NSK10725 | TA 725 155 | | | | | 7x0,25x155° | Nozzle |
| NSK10830 | TA 830 130 | 651-14016 | | | | 8x0,30x130° | Nozzle |
| NSK10835 | TA 835 155 35 | 601-14391 | | | | 8x0,35x155° | Nozzle |
| NSK11630 | T1A 630-130 | | | | | 6x0,30x130° | Nozzle |
| NSK11730 | T1A 730 130 | | | | | 7x0,30x130° | Nozzle |
| NSK13490 | T2A 940 150 | 242.018/400-1416 | | | | 9x0,40x150° | Nozzle |
| NSK14339 | T3A 939 150 | | | | | 9x0,39x150° | Nozzle |
| NSK25730 | TAF 730 130 | | | | | 7x0,30x130° | Nozzle |
| NSK25831 | TAF 830 130 | 651-14690 | | | | 8x0,30x130° | Nozzle |
| NSK25835 | TAF 835 155 35 | 243.014/600-2416 | | | | 8x0,35x155° | Nozzle |
| NSK28940 | T2AF 940 150 70 | 243 017/301-3416 | | | | 9x0,40x150° | Nozzle |
| NSK28960 | T3AF 939 150 | | | | | 9x0,39x150° | Nozzle |
| NSK30365 | U1A 365 140 7 | 242.001/500-2416 | | | | 3x0.65x140° | Nozzle |
| NSK30450 | U1A 450 140 6 | 242.001/400-1416 | | | | 4x0.50x140° | Nozzle |
| NSK30505 | U1A 5-50 140 | | | | | 5x0,55x140° | Nozzle |
| NSK30550 | U1A 550 140 5 | 242.001/200-8416 | | | | 5x0,50x140° | Nozzle |
| NSK30835 | U1A 835 130 | 242.001/300-0416 | | | | 8x0,35x130° | Nozzle |
| NSK35102 | U1AF 550 140 52 | 243.012/900-1416 | | | | 5x0.50x140° | Nozzle |
| NSK36205 | U1AW 550 140 52 | 242.002/300 2416 | | | | 5x0.50x140° | Nozzle |
| NSK36215 | U1AW 575 90 17 | 242.011/800-0416 | | | | 5x0,75x90° | Nozzle |
| NSK36225 | U1AW 655 90 17 | 242.008/100-3416 | | | | 6x0,55x90° | Nozzle |
| NSK36240 | U1AW 835 130 2 | 242.003/900-1416 | | | | 8x0,35x130° | Nozzle |

Stanadyne

| | | | | | | | |
|-------|---------------|------------|--|--|--|-------------|---------------|
| 59305 | 20494 | | | | | | Pencil Nozzle |
| 59310 | 20675 | | | | | | Pencil Nozzle |
| 59312 | 26632 | | | | | | Pencil Nozzle |
| 59315 | 26964 | | | | | | Pencil Nozzle |
| 59333 | 27333 | | | | | | Pencil Nozzle |
| 59336 | 27336 | | | | | | Pencil Nozzle |
| 59340 | 28481 | | | | | | Pencil Nozzle |
| 59345 | 28485 | | | | | | Pencil Nozzle |
| 59350 | 29279 | | | | | | Pencil Nozzle |
| 59355 | 32262 | | | | | | Pencil Nozzle |
| 59360 | 33408 | | | | | | Pencil Nozzle |
| 59365 | 38416 | | | | | | Pencil Nozzle |
| 77164 | ADB152M 164-7 | NBM 770052 | | | | 4x0,27x152° | Nozzle |
| 77165 | ADB152M 165-7 | NBM 770053 | | | | 4x0,31x152° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
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| 77168 | ADB150M 168-7 | NBM 770048 | | | | 4x0,33x150° | Nozzle |
| 77169 | ADB155M 169-7 | NBM 770000 | | | | 5x0,32x155° | Nozzle |
| 77175 | ADB150M 175-7 | NBM 771233 | | | | 5x0,30x150° | Nozzle |
| 77178 | ADB157M 178-7 | NBM 771265 | | | | 8x0,23x157° | Nozzle |
| 77179 | ADB157M 179-7 | NBM 771266 | | | | 8x0,26x157° | Nozzle |
| 77184 | ADB140M 184-7 | NBM 771234 | | | | 4x0,33x140° | Nozzle |
| 77185 | ADB150M 185-7 | NBM 771235 | | | | 5x0,30x150° | Nozzle |
| 77186 | ADB140M 186-7 | NBM 771236 | | | | 5x0,30x140° | Nozzle |
| 77200 | ADB140M 200-7 | NBM 771209 | | | | 4x0,27x140° | Nozzle |
| 77202 | ADB140M 202-7 | NBM 771210 | | | | 4x0,34x140° | Nozzle |
| 77206 | ADB152M 206-7 | NBM 770054 | | | | 4x0,29x152° | Nozzle |
| 77208 | ADB150M 208-7 | NBM 770049 | | | | 4x0,36x150° | Nozzle |
| 77213 | ADB152M 213-7 | NBM 770055 | | | | 4x0,34x152° | Nozzle |
| 77215 | ADB160M 215-7 | NBM 770047 | | | | 6x0,30x160° | Nozzle |
| 77217 | ADB160M 217-7 | NBM 770010 | | | | 5x0,31x160° | Nozzle |
| 77218 | ADB140M 218-7 | NBM 771213 | | | | 5x0,25x140° | Nozzle |
| 77219 | ADB140M 219-7 | NBM 771214 | | | | 5x0,29x140° | Nozzle |
| 77221 | ADB140M 221-7 | NBM 771225 | | | | 4x0,38x140° | Nozzle |
| 77222 | ADB140M 222-7 | NBM 771226 | | | | 4x0,32x140° | Nozzle |
| 77223 | ADB150M 223-7 | NBM 771068 | | | | 4x0,29x150° | Nozzle |
| 77225 | ADB160M 225-7 | NBM 770022 | | | | 4x0,35x160° | Nozzle |
| 77226 | ADB160M 226-7 | NBM 770023 | | | | 4x0,30x160° | Nozzle |
| 77228 | ADB150M 228-7 | NBM 770050 | | | | 4x0,36x150° | Nozzle |
| 77230 | ADB150M 230-7 | NBM 771070 | | | | 4x0,28x150° | Nozzle |
| 77231 | ADB140M 231-7 | NBM 771215 | | | | 5x0,30x140° | Nozzle |
| 77232 | ADB160M 232-7 | NBM 770028 | | | | 4x0,34x160° | Nozzle |
| 77233 | ADB140M 233-7 | NBM 771227 | | | | 4x0,34x140° | Nozzle |
| 77607 | 29608 | SDLLA155M 29608 | | | | 4x0,30x155° | Nozzle |
| 77608 | 29611 | SDLLA155M 29611 | | | | 4x0,30x154° | Nozzle |
| 776086 | 29648 | SDLLA150M 29648 | | | | 4x0,30x149° | Nozzle |
| 776087 | 29649 | SDLLA145M 29649 | | | | 4x0,30x146° | Nozzle |
| 77610 | 29943 | SDLLA142M 991 | | | | 4x0,31x142° | Nozzle |
| 776104 | 30064 | SDLLA150M 30064 | | | | 4x0,30x149° | Nozzle |
| 776106 | 30146 | SDLL160S 30146 | | | | 4x0,275x160° | Nozzle |
| 77611 | 30525 | SDLLA143M 30525 | | | | 5x0,25x180° | Nozzle |
| 776111 | 30526 | SDLLA143M 30526 | | | | 5x0,24x144° | Nozzle |
| 776113 | 30528 | SDLLA143M 30528 | | | | 5x0,26x141° | Nozzle |
| 776114 | 30754 | SDLLA160M 30754 | | | | 4x0,21x160° | Nozzle |
| 7761142 | 31057 | SDLLA150M 31057 | | | | 4x0,305x148° | Nozzle |
| 7761143 | 31058 | SDLLA150M 31058 | | | | 4x0,32x152° | Nozzle |
| 776115 | 31542 | SDLLA150M 31542 | | | | 4x0,21x145° | Nozzle |
| 776118 | 32078 | SDLLA160P 32078 | | | | 4x0,24x156° | Nozzle |
| 77612 | 33426 | SDLLA152M 33426 | | | | 5x0,25x145° | Nozzle |
| 776125 | 33877 | SDLLA152M 33877 | | | | 5x0,30x149° | Nozzle |
| 776126 | 34359 | SDLLA152M 34359 | | | | 5x0,24x152° | Nozzle |
| 7761267 | 34447 | SDLLA145M 34447 | | | | 5x0,22x145° | Nozzle |
| 77612672 | 34858 | SDLLA134M 34858 | | | | 5x0,30x134° | Nozzle |
| 7761268 | 34861 | SDLLA134M 34861 | | | | 5x0,275x134° | Nozzle |
| 7761269 | 34862 | SDSLA140M 34862 | | | | 5x0,29x140° | Nozzle |
| 776127 | 35235 | SDLLA145M 35235 | | | | 5x0,30x141° | Nozzle |
| 776128 | 35304 | SDLLA145M 35304 | | | | 5x0,26x142° | Nozzle |
| 7761283 | 35583 | SDLLA142M 35583 | | | | 5x0,32x139° | Nozzle |
| 7761285 | 35622 | SDLLA145M 35622 | | | | 5x0,34x145° | Nozzle |
| 776129 | 35926 | SDLLA152M 35926 | | | | 5x0,25x152 | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|-----------------|----------|-----------------|----|-----|-----|----------------|-------------|
| 7761293 | 37068 | SDLLA142P 37068 | | | | 5x0,28x139° | Nozzle |
| 7761295 | 37981 | SDLLA145P 37981 | | | | 6x0,27x140° | Nozzle |
| 7761296 | 39019 | SDSLA143M 39019 | | | | 5x0,27x143° | Nozzle |
| 7761297 | 39472 | SDSLA143M 39472 | | | | 5x0,25x143° | Nozzle |
| 77612975 | 42308 | SDSLA140P 42308 | | | | 5x0,27x140° | Nozzle |
| 7761298 | 42321 | SDLLA150P 42321 | | | | 5x0,27x150° | Nozzle |
| 77613 | 770049 | NBM 770049 | | | | 4x0,35x150° | Nozzle |
| 776132 | 770051 | NBM 770051 | | | | 4x0,34x140° | Nozzle |
| 77614 | 770069 | NBM 770069 | | | | 4x0,36x144° | Nozzle |
| 77615 | 770086 | NBM 770086 | | | | 6x0,29x161° | Nozzle |
| 77623 | 770173 | NBM 770173 | | | | 4x0,29x155° | Nozzle |
| 77676 | 770316 | NBM 770316 | | | | 6x0,24x160° | Nozzle |
| 77705 | 770405 | NBM 770405 | | | | 6x0,26x154° | Nozzle |
| 77710 | 770763 | NBM 770763 | | | | 5x0,31x141° | Nozzle |
| 77729 | 770829 | NBM 770829 | | | | 4x0,34x140° | Nozzle |
| 77739 | 770939 | NBM 770939 | | | | 5x0,27x143° | Nozzle |
| 77744 | 770967 | NBM 770967 | | | | 5x0,31x141° | Nozzle |
| 77751 | 770991 | NBM 770991 | | | | 4x0,30x142° | Nozzle |
| 77773 | 771573 | NBM 771573 | | | | 6x0,27x150° | Nozzle |
| 77790 | 771890 | NBM 771890 | | | | 5x0,25x144° | Nozzle |
| 77951 | 775234 | DLL150P 451W | | | | 4x0,235x150° | Nozzle |
| 77952 | 775702 | DLL150P 452W | | | | 4x0,26x145° | Nozzle |

Sulzer

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| NSU22000 | 3107 092 376 200 | 6307/08 (BH22) | | | | 6x0,275x130° | Nozzle |
| NSU22001 | 3107 092 376 201 | 6307/08 (BH22) | | | | 6x0,30x160° | Nozzle |
| NSU22002 | 3107 092 376 202 | 6307/08 (BH22) | | | | 6x0,325x130° | Nozzle |
| NSU22003 | 3107 092 376 203 | 6307/08 (BH22) | | | | 6x0,375x130° | Nozzle |
| NSU36000 | 2107 102 522 200 | H27240 (20/24) | | | | 7x0,28x159° | Nozzle |
| NSU36001 | 2107 102 522 201 | H27240 (20/24) | | | | 7x0,26x159° | Nozzle |
| NSU36002 | 2107 102 522 202 | H27240 (20/24) | | | | 8x0,22x160° | Nozzle |
| NSU36003 | 2107 102 522 203 | H27240 (20/24) | | | | 8x0,26x160° | Nozzle |
| NSU36004 | 2107 102 522 204 | H27240 (20/24) | | | | 9x0,23x159° | Nozzle |
| NSU36005 | 2107 102 522 205 | H27240 (20/24) | | | | 9x0,25x159° | Nozzle |
| NSU37200 | 2107 232 732 200 | A20/24H 400 bar | | | | 8x0,22x160° | Nozzle |
| NSU37201 | 2107 232 732 201 | A20/24H 400 bar | | | | 8x0,26x160° | Nozzle |
| NSU37301 | 3107 032 144 201 | H27240 (A20/24H) | | | | 7x0,32x159° | Nozzle |
| NSU37371 | 3107 070 418 201 | (BH29) | | | | 8x0,275x135° | Nozzle |
| NSU37372 | 3107 070 418 202 | (BH29) | | | | 7x0,275x135° | Nozzle |
| NSU37373 | 3107 070 418 203 | (BH29) | | | | 8x0,35x135° | Nozzle |
| NSU37374 | 3107 070 418 204 | (BH29) | | | | 8x0,40x135° | Nozzle |
| NSU37390 | 2107 232 733 200 | (20/24) 400 bar | | | | 7x0,28x159° | Nozzle |
| NSU37391 | 2107 232 733 201 | (20/24) 400 bar | | | | 7x0,26x159° | Nozzle |
| NSU37394 | 2107 232 733 204 | (20/24) 400 bar | | | | 9x0,23x159° | Nozzle |
| NSU37395 | 2107 232 733 205 | (20/24) 400 bar | | | | 9x0,25x159° | Nozzle |
| NSU37400 | 3107 104 691 200 | H27240 (A20/24H) | | | | 8x0,22x160° | Nozzle |
| NSU37401 | 3107 104 691 201 | H27240 (A20/24H) | | | | 8x0,26x160° | Nozzle |
| NSU63000 | 2107 034 537 200 | H27240 (25/30) | | | | 9x0,325x150° | Nozzle |
| NSU630013 | H27240 | (25/30) | | | | 9x0,325x155° | Nozzle |
| NSU630015 | H27240 | (25/30) | | | | 9x0,35x155° | Nozzle |
| NSU63003 | 2107 104 541 200 | H27240 (25/30) | | | | 10x0,33x158° | Nozzle |
| NSU63004 | 2107 104 541 200 | H27240 (25/30) | | | | 10x0,350x158° | Nozzle |
| NSU63005 | 2107 104 541 201 | H27240 (25/30) | | | | 10x0,30x158° | Nozzle |
| NSU63010 | 2107 104 696 200 | H27240 (25/30) | | | | 8x0,375x158° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
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Sulzer

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|-----------|------------------|-------------------|--|--|--|---------------|--------|
| NSU630102 | H27240 | (25/30) | | | | 8x0,40x158° | Nozzle |
| NSU63011 | 2107 104 696 201 | H27240 (25/30) | | | | 9x0,32x158° | Nozzle |
| NSU630114 | 2107 104 696 201 | H27240 (25/30) | | | | 9x0,325x158° | Nozzle |
| NSU63012 | 2107 104 696 202 | H27240 (25/30) | | | | 9x0,285x150° | Nozzle |
| NSU63013 | H27240 | (25/30) | | | | 9x0,30x150° | Nozzle |
| NSU65240 | S20 | | | | | 12x0,24x160° | Nozzle |
| NSU65255 | S20 | | | | | 12x0,255x160° | Nozzle |
| NSU65275 | S20 | | | | | 12x0,275x160° | Nozzle |
| NSU65285 | S20 | | | | | 12x0,285x160° | Nozzle |
| NSU66239 | 40S | | | | | 10x0,65x144° | Nozzle |
| NSU66240 | 40S | KS27240 (ZA40S) | | | | 10x0,65x144° | Nozzle |
| NSU66241 | 40S | KS27240 (ZA40S) | | | | 12x0,65x160° | Nozzle |
| NSU662419 | 40S | | | | | 13x0,60x160° | Nozzle |
| NSU66242 | 40S | KS27240 (ZA40S) | | | | 13x0,60x160° | Nozzle |
| NSU68000 | 2107 110 718 200 | K27240 (40/48) | | | | 8x0,525x160° | Nozzle |
| NSU68001 | 2107 110 718 201 | K27240 (40/48) | | | | 9x0,525x160° | Nozzle |
| NSU68002 | 2107 110 718 202 | K27240 (40/48) | | | | 12x0,475x160° | Nozzle |
| NSU68003 | 2107 110 718 203 | K27240 (40/48) | | | | 12x0,50x160° | Nozzle |
| NSU68004 | 2107 110 718 204 | K27240 (40/48) | | | | 12x0,525x160° | Nozzle |
| NSU68005 | 2107 110 718 205 | K27240 (40/48) | | | | 12x0,550x160° | Nozzle |
| NSU68017 | SU8778 1 201 | K27240 (40/48) | | | | 8x0,550x160° | Nozzle |
| NSU69072 | 194.894 - 1.2 | 2107 194 894 (RT) | | | | 1x4 | Nozzle |
| NSU69074 | 225.172 - 0,9 | 2107 225 172 (RT) | | | | 1x4 | Nozzle |
| NSU69076 | 252.402 - 1,6 | 2107 252 402 (RT) | | | | 1x4 | Nozzle |

Woodward-L'Orange

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|-----------|----------------------|---------|--|--|--|---------------|--------|
| NLG10ACA | LT-ACA | | | | | 8x0,34x145° | Nozzle |
| NLG10ACC | LT-ACC | | | | | 9x0,35x145° | Nozzle |
| NLG10ACF | LT-ACF | | | | | 8x0,35x150° | Nozzle |
| NLG10ADA | LT-ADA | | | | | 10x0,33x150° | Nozzle |
| NLG10LBD | LT-LBD | | | | | 8x0,20x150° | Nozzle |
| NLG10LGQ | LT-LGQ | | | | | 8x0,35x140° | Nozzle |
| NLG10LJG | LT-LJG | | | | | 8x0,25x150° | Nozzle |
| NLG10LUG | LT-LUG/E | | | | | 6x0,39x155° | Nozzle |
| NLG10LXA | LT-LXA | | | | | 9x0,35+1x0,20 | Nozzle |
| NLG10LXAA | LT-LXA | 9 HOLES | | | | 9x0,35x140° | Nozzle |
| NLG10LXW | LT-LXW | | | | | 8x0,31x150° | Nozzle |
| NLG10LYB | LT-LYB | | | | | 7x0,36x140° | Nozzle |
| NLG10LZQ | LT-LZQ | | | | | 8x0,36x140° | Nozzle |
| NLG10LZR | LT-LZR | | | | | 8x0,36x150° | Nozzle |
| NLG12AAH | LLT-AAH | | | | | 6x0,51x150° | Nozzle |
| NLG15BBE | LTO-BBE _m | | | | | 5x0,45x155° | Nozzle |
| NLG15BBG | LTO-BBG | | | | | 8x0,37x132° | Nozzle |
| NLG15BEV | LTO-BEV | | | | | 6x0,40x130° | Nozzle |
| NLG15BFH | LTO-BFH | | | | | 5x0,38x110° | Nozzle |
| NLG15BFW | LTO-BFW | | | | | 4x0,50x110° | Nozzle |
| NLG15BGR | LTO-BGR | | | | | 4x0,55x110° | Nozzle |
| NLG15BGZ | LTO-BGZ | | | | | 8x0,36x150° | Nozzle |
| NLG15BHE | LTO-BHE | | | | | 8x0,32x145° | Nozzle |
| NLG15BJH | LTO-BJH | | | | | 8x0,36x150° | Nozzle |
| NLG15BJN | LTO-BJN | | | | | 10x0,36x140° | Nozzle |
| NLG15BKV | LTO-BKV | | | | | 10x0,39x148° | Nozzle |
| NLG15BKZ | LTO-BKZ | | | | | 9x0,41x156° | Nozzle |
| NLG15BLJ | LTO-BLJ | | | | | 10x0,33x150° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
|--------------------|---------------|----------------|----|-----|-----|----------------|-------------|
| NLG15BLQ | LTO-BLQ | | | | | 8x0,33x148° | Nozzle |
| NLG15BME | LTO-BME/E | 04079765 | | | | 7x0,43x145° | Nozzle |
| NLG15BMQ | LTO-BMQ | | | | | 7x0,41x140° | Nozzle |
| NLG15BMW | LTO-BMW | | | | | 8x0,33x148° | Nozzle |
| NLG15BNE | LTO-BNE | | | | | 10x0,39x148° | Nozzle |
| NLG15BNG | LTO-BNG | 4091878 | | | | 7x0,41x145° | Nozzle |
| NLG15BNZ | LTO-BNZ | old version | | | | 10x0,36x130° | Nozzle |
| NLG15BNZ1 | LTO-BNZ | new version | | | | 10x0,36x130° | Nozzle |
| NLG15BPF | LTO-BPF/E | | | | | 8x0,325x145° | Nozzle |
| NLG15BPG/EV | LTO-BPG | | | | | 10x0,39x148° | Nozzle |
| NLG15BPJ | LTO-BPJ | IMO-17.06 | | | | 10x0,32x148° | Nozzle |
| NLG16089 | LTO-U9089a/E | | | | | 8x0,29x145° | Nozzle |
| NLG16090 | LTO-U9089b/E | | | | | 9x0,28x145° | Nozzle |
| NLG16108 | LTO-U9108a | | | | | 8x0,34x159° | Nozzle |
| NLG30UBQ | LU-UBQ | | | | | 8x0,45x130° | Nozzle |
| NLG30UDR | LU-UDR | | | | | 8x0,40x130° | Nozzle |
| NLG30UFP | LU-UFP | | | | | 6x0,45x115° | Nozzle |
| NLG60012 | VUM-T629Y | | | | | 9x0,28x66° | Nozzle |
| NLG60033 | VUM-U933 | | | | | 1x3,0 | Nozzle |
| NLG60Y33 | VUM-U933y | | | | | 1x3,0 | Nozzle |
| NLG62BAA | VUO-BAA | | | | | 6x0,55x130° | Nozzle |
| NLG62BAC | VUO-BAC | | | | | 6x0,45x130° | Nozzle |
| NLG62BAD | VUO-BAD | | | | | 6x0,52x110° | Nozzle |
| NLG62BAE | VUO-BAE | | | | | 6x0,40x110° | Nozzle |
| NLG62BAF | VUO-BAF | | | | | 6x0,45x110° | Nozzle |
| NLG62BAG | VUO-BAG | | | | | 6x0,40x130° | Nozzle |
| NLG62BAK | VUO-BAK | | | | | 6x0,35x130° | Nozzle |
| NLG62BAL | VUO-BAL | | | | | 6x0,30x130° | Nozzle |
| NLG62BAM | VUO-BAM | | | | | 6x0,45x120° | Nozzle |
| NLG62BAN | VUO-BAN | | | | | 6x0,40x120° | Nozzle |
| NLG62CAA | VUO-CAA | | | | | 6x0,55x110° | Nozzle |
| NLG62CAB | VUO-CAB | | | | | 6x0,55x120° | Nozzle |
| NLG62CAC | VUO-CAC | | | | | 6x0,50x110° | Nozzle |
| NLG62CAD | VUO-CAD | | | | | 6x0,50x120° | Nozzle |
| NLG62CAE | VUO-CAE | | | | | 6x0,60x120° | Nozzle |
| NLG64136 | VUO-T136g | | | | | 6x0,74x110° | Nozzle |
| NLG64139 | VUO-T136r | | | | | 8x0,60x120° | Nozzle |
| NLG64145 | VUO-T136fb | | | | | 6x0,85x110° | Nozzle |
| NLG64150 | VUO-T136ib | 233 222 011 | | | | 6x0,78x110° | Nozzle |
| NLG64268 | VUO-T168b | Ex VUO-U051b | | | | 10x0,57x150° | Nozzle |
| NLG64270 | VUO-T168c/E | Ex VUO-U051c/E | | | | 10x0,60x150° | Nozzle |
| NLG65906 | VUO-U906 | | | | | 1x2.5 | Nozzle |
| NLG65909 | VUO-U909a y/E | | | | | 8x0,52x130° | Nozzle |
| NLG65910 | VUO-U910a | | | | | 8x0,52x130° | Nozzle |
| NLG65934 | VUO-U932c | | | | | 1x4.0 | Nozzle |
| NLG65935 | VUO-U932d | | | | | 1x4.0 | Nozzle |
| NLG65944 | VUO-U944a | | | | | 6x0,60x110° | Nozzle |
| NLG65945 | VUO-U944b | | | | | 6x0,60x135° | Nozzle |
| NLG65946 | VUO-U944c | | | | | 6x0,65x110° | Nozzle |
| NLG66744 | VUO-U954acy/E | | | | | 8x0,60x140° | Nozzle |
| NLG66746 | VUO-U954aey/E | | | | | 6x0,55x130° | Nozzle |
| NLG66748 | VUO-U954afy/E | | | | | 8x0,53x140° | Nozzle |
| NLG66750 | VUO-U954by/E | | | | | 9x0,42x130° | Nozzle |
| NLG66752 | VUO-U954fy/E | | | | | 6x0,50x110° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
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| Woodward-L'Orange | | | | | | | |
| NLG66754 | VUO-U954gy/E | | | | | 6x0,55x110° | Nozzle |
| NLG66954 | VUO-U955a/E | | | | | 5x0,55x120° | Nozzle |
| NLG66956 | VUO-U955b/E | | | | | 9x0,42x130° | Nozzle |
| NLG66957 | VUO-U955c/E | | | | | 9x0,40x130° | Nozzle |
| NLG66958 | VUO-U955d/E | | | | | 9x0,45x130° | Nozzle |
| NLG66959 | VUO-U955e/E | | | | | 5x0,60x110° | Nozzle |
| NLG66960 | VUO-U955f/E | | | | | 6x0,55x110° | Nozzle |
| NLG66961 | VUO-U955g/E | | | | | 6x0,60x110° | Nozzle |
| NLG66962 | VUO-U955h/E | | | | | 6x0,50x110° | Nozzle |
| NLG66963 | VUO-U955k/E | | | | | 8x0,60x140° | Nozzle |
| NLG66964 | VUO-U955i/E | | | | | 6x0,45x110° | Nozzle |
| NLG66965 | VUO-U955l/E | | | | | 8x0,47x140° | Nozzle |
| NLG66966 | VUO-U955m/E | | | | | 8x0,53x140° | Nozzle |
| NLG67050 | VUO-U967L | | | | | 9x0,50x140° | Nozzle |
| NLG67052 | VUO-U967L/Y | Heavy Oil | | | | 9x0,50x140° | Nozzle |
| NLG67169 | VUO-U969a | | | | | 1x4.0 | Nozzle |
| NLG67376 | VUO-U976a/E | | | | | 9x0,48x155° | Nozzle |
| NLG67383 | VUO-U976l/E | | | | | 10x0,48x160° | Nozzle |
| NLG67388 | VUO-U976p/E | | | | | 7x0,48x150° | Nozzle |
| NLG67389 | VUO-U976q/E | | | | | 10x0,50x150° | Nozzle |
| NLG67808 | VUO-U988a/E | 01267 9421341 | | | | 9x0,48x155° | Nozzle |
| NLG68C99 | VUO-U999c/E | | | | | 9x0,51x130° | Nozzle |
| NLG69013 | VUO-U9013by/E | | | | | | Nozzle |
| NLG69A14 | VUO-U9014a/E | | | | | 8x0,54x140° | Nozzle |
| NLG70034 | VUO-U9034b/E | | | | | 10x0,53x150° | Nozzle |
| NLG70137 | VUO-U9037c/E | | | | | 12x0,50x150° | Nozzle |
| NLG70196 | VUO-U9096C/E | | | | | 9x0,48x155° | Nozzle |
| NLG70279 | VUO-U9179c/EE | | | | | 12x0,51x150° | Nozzle |
| NLG72104 | VUY-U904a | | | | | 5x0,55x140° | Nozzle |
| NLG72106 | VUY-U904c | | | | | 5x0,50x140° | Nozzle |
| NLG72107 | VUY-U904d | | | | | 8x0,35x130° | Nozzle |
| NLG72115 | VUY-U905a | | | | | 10x0,46x130° | Nozzle |
| NLG72116 | VUY-U905b | | | | | 10x0,60x140° | Nozzle |
| NLG72117 | VUY-U905c | | | | | 10x0,55x140° | Nozzle |
| NLG72129 | VUY-U909 | | | | | 5x0,50x140° | Nozzle |
| NLG72512 | VUY-U912 | | | | | 5x0,50x140° | Nozzle |
| NLG74213 | VVM-T213a | | | | | 10x0,48x70° | Nozzle |
| NLG74214 | VVM-T213b | | | | | 10x0,43x70° | Nozzle |
| NLG74215 | VVM-T213c | | | | | 10x0,62x72° | Nozzle |
| NLG74216 | VVM-T213d | | | | | 8x0,30x67° | Nozzle |
| NLG74217 | VVM-T213e | | | | | 8x0,35x67° | Nozzle |
| NLG74218 | VVM-T213f | | | | | 10x0,38x70° | Nozzle |
| NLG74219 | VVM-T213g | | | | | 10x0,60x72° | Nozzle |
| NLG74220 | VVM-T213h | | | | | 10x0,40x70° | Nozzle |
| NLG74221 | VVM-T213i | | | | | 10x0,58x70° | Nozzle |
| NLG74222 | VVM-T213k | | | | | 10x0,60x70° | Nozzle |
| NLG74223 | VVM-T213l | | | | | 10x0,45x70° | Nozzle |
| NLG75V01 | VVM-U901 | | | | | 1x4.50 | Nozzle |
| NLG76135 | VVO-U935K | | | | | 10x0,71x150° | Nozzle |
| NLG76143 | VVO-U943g/E | | | | | | Nozzle |
| NLG76153 | VVO-U953g/E | | | | | 11x0,60x155° | Nozzle |
| NLG76176 | VVO-U976L/E | | | | | 12x0,57x155° | Nozzle |
| NLG77A00 | VVP-U900a | 4 holes | | | | 10x0,60x140° | Nozzle |
| NLG77A01 | VVP-U900a | 6 holes | | | | 10x0,60x140° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
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Woodward-L'Orange

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| NLG77B00 | VVP-U900b | 4 holes | | | | 10x0,55x140° | Nozzle |
| NLG77B01 | VVP-U900b | 6 holes | | | | 10x0,55x140° | Nozzle |
| NLG77C00 | VVP-U900c | 4 holes | | | | 10x0,65x140° | Nozzle |
| NLG77C01 | VVP-U900c | 6 holes | | | | 10x0,65x140° | Nozzle |
| NLG77D00 | VVP-U900d | | | | | 10x0,50x140° | Nozzle |
| NLG77E00 | VVP-U900e | | | | | 10x0,52x140° | Nozzle |
| NLG77F00 | VVP-U900f | | | | | 9x0,68x140° | Nozzle |
| NLG77I00 | VVP-U900i | | | | | 10x0,48x140° | Nozzle |
| NLG77L00 | VVP-U900l | | | | | 10x0,625x140° | Nozzle |
| NLG77M00 | VVP-U900m | | | | | 10x0,725x140° | Nozzle |
| NLG78101 | VXP-U901a | | | | | 10x1,00x140° | Nozzle |
| NLG79105 | VXW-U905 | | | | | 1x3.0 | Nozzle |
| NLG79200 | VWK-U900A/E | | | | | | Nozzle |
| NLG79201 | VWK-U901A/E | | | | | | Nozzle |
| NLG79301 | VWM-U901 | 4D14552 & 4D14557 | | | | 1x4,5 | Nozzle |
| NLG79350 | VWM-T950S | D140214 | | | | 10x0,60x144° | Nozzle |
| NLG79502 | VWW-U902a | | | | | 1x2.0 | Nozzle |
| NZS1065 | WAF 1065-140-45 | G203011200 | | | | 10x0,65 | Nozzle |
| NZS1070 | WAF 1070-140-45 | G203017000 | | | | 10x0,70 | Nozzle |

Yanmar

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| 400011 | DN4SK 1 | | | | | | Pintle Nozzle |
| 43563 | Y-DN0PD2 | | | | | | Pintle Nozzle |
| 45204 | Y150P204 BO | | | | | | Nozzle |
| 45244 | Y150P244 | | | | | 4x0,24x150° | Nozzle |
| 45265 | Y159P165 | | | | | 5x0,16x159° | Nozzle |
| 76316 | N16-5C | | | | | 4x0,30x100° | Nozzle |
| 76317 | N16-5F | 103200-53000 | | | | 4x0,30x100° | Nozzle |
| 76320 | NP 35 | | | | | 5x0,31x148° | Nozzle |
| 76321 | Y-DLLA140S344 B2 | | | | | 4x0,34x139° | Nozzle |
| 76323 | Y-DLLA150S294 N0 | 105700-53000 | | | | 4x0,29x150° | Nozzle |
| 76324 | Y-DLLA150S325 A2 | | | | | 5x0,31x143° | Nozzle |
| 76325 | Y-DLLA150S334 S0 | | | | | 4x0,33x150° | Nozzle |
| 76326 | Y-DLLA150S364 A1 | | | | | 4x0,36x150° | Nozzle |
| 76327 | Y-DLLA150S384 A1 | | | | | 4x0,34x139° | Nozzle |
| 76329 | Y-DLLA155S355 A20 | | | | | 5x0,35x155° | Nozzle |
| 763291 | Y-DLL145S 336 G1 | | | | | 6x0,31x143° | Nozzle |
| 763292 | Y-DLL150S 287 GZA | | | | | 7x0,27x151° | Nozzle |
| 763293 | Y-DLL150S 307 HZ | | | | | 7x0,29x151° | Nozzle |
| 763294 | Y-DLL150S 317 GD1 | | | | | 7x0,28x149° | Nozzle |
| 763296 | Y-DLL150S 326 AT | | | | | 6x0,31x152° | Nozzle |
| 763297 | Y-DLL150S 345 B0 | | | | | 5x0,33x149° | Nozzle |
| 763298 | Y-DLL150S 355 A0 | | | | | 5x0,34x151° | Nozzle |
| 76330 | Y-DLL150S 366H | | | | | 6x0,36x150° | Nozzle |
| 763301 | Y-DLL150S 366 K0 | | | | | 6x0,36x149° | Nozzle |
| 76333 | Y-DLL155S 297 KZ | | | | | 7x0,28x153° | Nozzle |
| 76335 | Y-DLL155S 298EZ0 | | | | | 8x0,28x155° | Nozzle |
| 76345 | Y-DLL160278S90224FA | | | | | 8x0,29+4x0,22x160° | Nozzle |
| 76348 | Y-DLL160308S90224FA2 | | | | | 8x0,27+4x0,22x160° | Nozzle |
| NYM10505 | YDL150T258D | 137600-53000 | | | | 8x0,25x150° | Nozzle |
| NYM10510 | YDL150T308S | | | | | 8x0,30x150° | Nozzle |
| NYM10511 | YDL160T308 | | | | | 8x0,30x150° | Nozzle |
| NYM10513 | YDL160T318 | | | | | 8x0,31x150° | Nozzle |
| NYM10515 | YDL150T328S | | | | | 8x0,32x150° | Nozzle |

| Our Ref. | Stamping | Part Number | CP | DLC | D/A | Technical Data | Description |
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Yanmar

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|------------------|--------------------|--------------|--|--|--|---------------|--------|
| NYM10526 | YDL150T366D1 | 140677-53001 | | | | 6x0,36x150° | Nozzle |
| NYM10540 | YDL150T408S | | | | | 8x0,40x150° | Nozzle |
| NYM15318 | YDLL-140T388B | | | | | 8x0,38x140° | Nozzle |
| NYM15353 | YDLL-153288T90224C | | | | | 8x0,28+4x0,22 | Nozzle |
| NYM153531 | YDLL-153288T90224C | | | | | 8x0,28+4x0,22 | Nozzle |
| NYM15363 | YDLL-153348T90284C | | | | | 8x0,34+4x0,28 | Nozzle |
| NYM153631 | YDLL-153348T90284C | | | | | 8x0,34+4x0,28 | Nozzle |
| NYM20288 | YDLF150T288 DVH | | | | | 8x0,28x150° | Nozzle |
| NYM20298 | YDLF150T358 DV | 141616-53110 | | | | 8x0,35x150° | Nozzle |
| NYM30409 | YDL135U409 | 159626-53011 | | | | 9x0,40x135° | Nozzle |
| NYM30429 | YDL135U459K | | | | | 9x0,45x135° | Nozzle |
| NYM30458 | YDLF150U408 | Yanmar 208 | | | | 8x0,40x150° | Nozzle |
| NYM30569 | YDLF-135V569B | | | | | 9x0,56x135° | Nozzle |
| NYM305691 | YDLF-135V569B | | | | | 9x0,56x135° | Nozzle |
| NYM30570 | YDLF140V5312 | | | | | 12x0,53x140° | Nozzle |
| NYM30571 | YDLF150V5312 | | | | | 12x0,53x150° | Nozzle |
| NYM305711 | YDLF154V5312 | | | | | 12x0,53x154° | Nozzle |
| NYM30572 | YDLF155V5312 | | | | | 12x0,53x155° | Nozzle |

Zexel

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|---------------|----------------------|-------------|--|--|--|--------------|---------------|
| 43500 | DN15PDN 100 | 105007-1000 | | | | | Pintle Nozzle |
| 43502 | DN0PDN 102 | 105007-1020 | | | | | Pintle Nozzle |
| 43508 | DN0PDN 108 | 105007-1080 | | | | | Pintle Nozzle |
| 43512 | DN0PDN 112 | 105007-1120 | | | | | Pintle Nozzle |
| 43513 | DN0PDN 113 | 105007-1130 | | | | | Pintle Nozzle |
| 43517 | DN4PDN 117 | 105007-1170 | | | | | Pintle Nozzle |
| 43521 | DN0PDN 121 | 105007-1210 | | | | | Pintle Nozzle |
| 43522 | DN0PDN 122 | 105007-1222 | | | | | Pintle Nozzle |
| 43524 | DN0PDN 124 | 105007-1240 | | | | | Pintle Nozzle |
| 43529 | DN10PDN 129 | 105007-1290 | | | | | Pintle Nozzle |
| 43530 | DN10PDN 130 | 105007-1300 | | | | | Pintle Nozzle |
| 43535 | DN10PDN 135 | 105007-1350 | | | | | Pintle Nozzle |
| 43558 | DN0PDN 158 | 105007-1580 | | | | | Pintle Nozzle |
| 43561 | DN4PD 1 | 105007-1180 | | | | | Pintle Nozzle |
| 43562 | DN0PD 2 | 105007-1390 | | | | | Pintle Nozzle |
| 43567 | DN4PD 57 | 105007-1260 | | | | | Pintle Nozzle |
| 73001 | NP-DLL140S256NP 1 | 105015-0550 | | | | 6x0,25x140° | Nozzle |
| 73002 | NP-DLL150S328NP 33 | 105015-2570 | | | | 8x0,32x150° | Nozzle |
| 73003 | NP-DLL140S256NP 38 | 105015-2790 | | | | 6x0,25x140° | Nozzle |
| 73004 | NP-DLL150S328NP 52 | 105015-3280 | | | | 8x0,32x150° | Nozzle |
| 73005 | NP-DLL35S671NP 92 | 105015-3720 | | | | 1x0,67x35° | Nozzle |
| 73006 | NP-DLL16S561N 389 | 105015-3890 | | | | 1x0,56x16° | Nozzle |
| 73008 | NP-DLL155S288N 431 | 105015-4310 | | | | 8x0,28x155° | Nozzle |
| 73009 | NP-DLL160S307N 435 | 105015-4350 | | | | 7x0,30x160° | Nozzle |
| 730095 | NP-DLL155SN 521 | 105015-5210 | | | | 8x0,36x155° | Nozzle |
| 730096 | NP-DLL155SN 595 | 105015-5950 | | | | 5x0,38x155° | Nozzle |
| 730098 | NP-DLL160SN 716 | 105015-7160 | | | | 8x0,27x160° | Nozzle |
| 730099 | NP-DLL157SN 829 | 105015-8290 | | | | 8x0,28x157° | Nozzle |
| 73011 | NP-DLLA150S334NP 3 | 105015-2670 | | | | 4x0,33x150° | Nozzle |
| 73012 | NP-DLLA169S304NP 5 | 105015-2770 | | | | 4x0,30x169° | Nozzle |
| 73013 | NP-DLLA166S374NP 6 | 105015-2780 | | | | 4x0,37x166° | Nozzle |
| 73014 | NP-DLLA150S384NP 13 | 105015-3090 | | | | 4x0,38x150° | Nozzle |
| 73015 | NP-DLLA150S404NP 13 | 105015-3210 | | | | 4x0,40x150° | Nozzle |
| 73016 | NP-DLLA14.5S701NP 15 | 105015-3150 | | | | 1x0,70x14,5° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|----------------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| Zexel | | | | | | | |
| 73017 | NP-DLLA150S3840NP 16 | 105015-3160 | | | | 2x0,38+2x0,40 | Nozzle |
| 73018 | NP-DLLA166S414NP 46 | 105015-3100 | | | | 2x0,37+2x0,40 | Nozzle |
| 73019 | NP-DLLA152S324NP 48 | 105015-3240 | | | | 4x0,32x152° | Nozzle |
| 730191 | NP-DLLA152S344NP 48 | 105015-3220 | | | | 4x0,34x152° | Nozzle |
| 73020 | NP-DLLA160S354NP 49 | 105015-3690 | | | | 4x0,35x160° | Nozzle |
| 73021 | NP-DLLA154S344NP 54 | 105015-3310 | | | | 4x0,34x154° | Nozzle |
| 73022 | NP-DLLA156S344NP 55 | 105015-3330 | | | | 4x0,34x156° | Nozzle |
| 73023 | NP-DLLA171S374NP 58 | 105015-3360 | | | | 2x0,33+2x0,36 | Nozzle |
| 73024 | NP-DLLA168S304NP 59 | 105015-3370 | | | | 4x0,30x168° | Nozzle |
| 730249 | NP-DLLA166S384NP 72 | 105015-3510 | | | | 2x0,35+2x0,37 | Nozzle |
| 73025 | NP-DLLA150S384NP 73 | 105015-3520 | | | | 4x0,38x150° | Nozzle |
| 73026 | NP-DLLA150S394NP 76 | 105015-3550 | | | | 2x0,35+2x0,38 | Nozzle |
| 730269 | NP-DLLA176S324NP 80 | 105015-3590 | | | | 4x0,33x176° | Nozzle |
| 73027 | NP-DLLA154S324NP 81 | 105015-3600 | | | | 4x0,32x154° | Nozzle |
| 73028 | NP-DLLA150S344NP 82 | 105015-3610 | | | | 4x0,34x150° | Nozzle |
| 73029 | NP-DLLA150S414NP 83 | 105015-3620 | | | | 4x0,41x150° | Nozzle |
| 73030 | NP-DLLA151S354NP 86 | 105015-3650 | | | | 4x0,35x151° | Nozzle |
| 73031 | NP-DLLA160S354NP 88 | 105015-3670 | | | | 4x0,35x160° | Nozzle |
| 73032 | NP-DLLA150S334NP 89 | 105015-3680 | | | | 4x0,33x150° | Nozzle |
| 73033 | NP-DLLA155S334NP 96 | 105015-3760 | | | | 2x0,31+2x0,33 | Nozzle |
| 73034 | NP-DLLA166S384NP 97 | 105015-3770 | | | | 4x0,38x166° | Nozzle |
| 73035 | NP-DLLA150S334N 385 | 105015-3850 | | | | 4x0,33x150° | Nozzle |
| 73036 | NP-DLLA154S284N 393 | 105015-3930 | | | | 4x0,28x154° | Nozzle |
| 730361 | NP-DLLA144S354N 403 | 105015-4030 | | | | 4x0,35x144° | Nozzle |
| 7303611 | NP-DLLA160S354N 405 | 105015-4050 | | | | 4x0,35x160° | Nozzle |
| 730362 | NP-DLLA152S354N 406 | 105015-4060 | | | | 4x0,35x152° | Nozzle |
| 730363 | NP-DLLA138S364N 409 | 105015-4090 | | | | 4x0,36x138° | Nozzle |
| 730364 | NP-DLLA150S394N 411 | 105015-4110 | | | | 2x0,36+2x0,39 | Nozzle |
| 73037 | NP-DLLA154S324N 413 | 105015-4130 | | | | 4x0,32x154° | Nozzle |
| 730371 | NP-DLLA150S374N 414 | 105015-4140 | | | | 2x0,34+2x0,37 | Nozzle |
| 73038 | NP-DLLA137S374N 417 | 105015-4170 | | | | 4x0,37x137° | Nozzle |
| 730381 | NP-DLLA154S334N 419 | 105015-4190 | | | | 4x0,33x154° | Nozzle |
| 73039 | NP-DLLA160S295N 422 | 105015-4220 | | | | 5x0,29x160° | Nozzle |
| 73040 | NP-DLLA154S344N 424 | 105015-4240 | | | | 4x0,34x154° | Nozzle |
| 73041 | NP-DLLA160S385N 426 | 105015-4260 | | | | 5x0,38x160° | Nozzle |
| 730412 | NP-DLLA160S424N 427 | 105015-4270 | | | | 4x0,42x160° | Nozzle |
| 73042 | NP-DLLA146S394N 430 | 105015-4300 | | | | 2x0,37+2x0,39 | Nozzle |
| 730425 | NP-DLLA105S304N 433 | 105015-4330 | | | | 4x0,30x105° | Nozzle |
| 73044 | NP-DLLA158S325N 437 | 105015-4370 | | | | 5x0,32x158° | Nozzle |
| 73045 | NP-DLLA154S374N 438 | 105015-4380 | | | | 4x0,37x154° | Nozzle |
| 73046 | NP-DLLA146S344N 439 | 105015-4390 | | | | 4x0,34x146° | Nozzle |
| 730460 | NP-DLLA154S324N 451 | 105015-4510 | | | | 4x0,32x154° | Nozzle |
| 7304602 | NP-DLLA150S394N 452 | 105015-4520 | | | | 2x0,36+2x0,38 | 2 Springs Nozzle |
| 730461 | NP-DLLA145S344N 453 | 105015-4530 | | | | 4x0,34x145° | Nozzle |
| 730462 | NP-DLLA146S394N 455 | 105015-4550 | | | | 4x0,39x146° | Nozzle |
| 730463 | NP-DLLA155S324N 456 | 105015-4560 | | | | 2x0,29+2x0,31 | Nozzle |
| 730464 | NP-DLLA162S384N 457 | 105015-4570 | | | | 2x0,34+2x0,38 | Nozzle |
| 730467 | NP-DLLA155S365N 458 | 105015-4580 | | | | 5x0,36x155° | Nozzle |
| 73047 | NP-DLLA154S424N 459 | 105015-4590 | | | | 4x0,42x154° | Nozzle |
| 730478 | NP-DLLA150S334N 462 | 105015-4620 | | | | 4x0,33x150° | Nozzle |
| 730479 | NP-DLLA150S374N 464 | 105015-4640 | | | | 2x0,34+2x0,37 | Nozzle |
| 73048 | NP-DLLA150S355N 467 | 105015-4670 | | | | 5x0,35x150° | Nozzle |
| 730480 | NP-DLLA155S324N 468 | 105015-4680 | | | | 4x0,32x155° | Nozzle |
| 730481 | NP-DLLA150S424N 470 | 105015-4700 | | | | 2x0,40+2x0,42 | 2 Springs Nozzle |

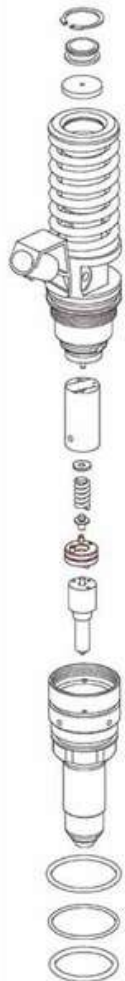
| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|---------------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| Zexel | | | | | | | |
| 73049 | NP-DLLA154S304N 474 | 105015-4740 | | | | 4x0,30x154° | Nozzle |
| 730495 | NP-DLLA150S285N 484 | 105015-4840 | | | | 5x0,28x150° | Nozzle |
| 73050 | NP-DLLA150S424N 493 | 105015-4930 | | | | 4x0,42x150° | Nozzle |
| 73051 | NP-DLLA103S314N 495 | 105015-4950 | | | | 4x0,31x103° | Nozzle |
| 73120 | NP-DLLA142S354N 502 | 105015-5020 | | | | 4x0,35x142° | Nozzle |
| 73121 | NP-DLLA133SN 504 | 105015-5040 | | | | 5x0,36x133° | Nozzle |
| 73122 | NP-DLLA160S325N 507 | 105015-5070 | | | | 5x0,32x160° | 2 Springs Nozzle |
| 73123 | NP-DLLA155SN 515 | 105015-5150 | | | | 5x0,30x155° | Nozzle |
| 73124 | NP-DLLA151SN 517 | 105015-5170 | | | | 4x0,31x151° | Nozzle |
| 73128 | NP-DLLA145SN 523 | 105015-5230 | | | | 4x0,29x145° | Nozzle |
| 73132 | NP-DLLA155SN 532 | 105015-5320 | | | | 5x0,28x155° | Nozzle |
| 73133 | NP-DLLA154SN 533 | 105015-5330 | | | | 4x0,37x154° | 2 Springs Nozzle |
| 73135 | NP-DLLA160SN 539 | 105015-5390 | | | | 4x0,37x160° | 2 Springs Nozzle |
| 73138 | NP-DLLA148SN 545 | 105015-5450 | | | | 4x0,37x148° | 2 Springs Nozzle |
| 73140 | NP-DLLA142S344N 547 | 105015-5470 | | | | 4x0,34x142° | 2 Springs Nozzle |
| 731401 | NP-DLLA150SN 548 | 105015-5480 | | | | 4x0,40x150° | 2 Springs Nozzle |
| 73141 | NP-DLLA150SN 555 | 105015-5550 | | | | 2x0,37+2x0,40 | 2 Springs Nozzle |
| 73143 | NP-DLLA160SN 564 | 105015-5640 | | | | 5x0,29x160° | Nozzle |
| 73145 | NP-DLLA160SN 566 | 105015-5660 | | | | 4x0,32x160° | Nozzle |
| 73146 | NP-DLLA160SN 567 | 105015-5670 | | | | 5x0,31x160° | Nozzle |
| 73160 | NP-DLLA143SN 580 | 105015-5800 | | | | 5x0,37x143° | 2 Springs Nozzle |
| 73161 | NP-DLLA142SN 581 | 105015-5810 | | | | 5x0,33x142° | Nozzle |
| 73164 | NP-DLLA142SN 582 | 105015-5820 | | | | 2x0,33+2x0,35 | Nozzle |
| 73166 | NP-DLLA154SN 586 | 105015-5860 | | | | 4x0,33x154° | Nozzle |
| 73170 | NP-DLLA154SN 606 | 105015-6060 | | | | 4x0,30x154° | Nozzle |
| 73171 | NP-DLLA154SN 607 | 105015-6070 | | | | 4x0,32x154° | Nozzle |
| 73173 | NP-DLLA142SN 613 | 105015-6130 | | | | 5x0,32x142° | 2 Springs Nozzle |
| 73175 | NP-DLLA150SN 615 | 105015-6150 | | | | 5x0,34x150° | 2 Springs Nozzle |
| 73177 | NP-DLLA150SN 623 | 105015-6230 | | | | 5x0,30x150° | 2 Springs Nozzle |
| 73178 | NP-DLLA154SN 625 | 105015-6250 | | | | 4x0,35x154° | 2 Springs Nozzle |
| 73180 | NP-DLLA140SN 634 | 105015-6340 | | | | 5x0,36x140° | 2 Springs Nozzle |
| 731801 | NP-DLLA155SN 635 | 105015-6350 | | | | 4x0,33x155° | Nozzle |
| 73181 | NP-DLLA158SN 638 | 105015-6380 | | | | 5x0,30x158° | Nozzle |
| 731812 | NP-DLLA154SN 640 | 105015-6400 | | | | 4x0,31x154° | Nozzle |
| 731816 | NP-DLLA144SN 649 | 105015-6490 | | | | 5x0,27x144° | Nozzle |
| 73182 | NP-DLLA154SN 665 | 105015-6651 | | | | 5x0,32x154° | 2 Springs Nozzle |
| 731821 | NP-DLLA160SN 670 | 105015-6700 | | | | 8x0,34x160° | Nozzle |
| 731822 | NP-DLLA160SN 671 | 105015-6710 | | | | 5x0,31x160° | 2 Springs Nozzle |
| 731823 | NP-DLLA152SN 681 | 105015-6810 | | | | 5x0,36x152° | 2 Springs Nozzle |
| 731827 | NP-DLLA155SN 687 | 105015-6870 | | | | 5x0,31x155° | 2 Springs Nozzle |
| 73183 | NP-DLLA148SN 693 | 105015-6930 | | | | 4x0,37x148° | 2 Springs Nozzle |
| 73185 | NP-DLLA160SN 698 | 105015-6980 | | | | 5x0,30x160° | Nozzle |
| 73186 | NP-DLLA150SN 702 | 105015-7020 | | | | 5x0,36x150° | 2 Springs Nozzle |
| 73188 | NP-DLLA142SN 718 | 105015-7180 | | | | 5x0,31x142° | Nozzle |
| 73189 | NP-DLLA150SN 722 | 105015-7220 | | | | 5x0,34x150° | Nozzle |
| 731893 | NP-DLLA155SN 727 | 105015-7270 | | | | 5x0,30x155° | 2 Springs Nozzle |
| 73190 | NP-DLLA160SN 731 | 105015-7310 | | | | 5x0,32x160° | 2 Springs Nozzle |
| 73194 | NP-DLLA153SN 736 | 105015-7360 | | | | 5x0,30x153° | Nozzle |
| 73195 | NP-DLLA150SN 739 | 105015-7390 | | | | 2x0,40+2x0,42 | 2 Springs Nozzle |
| 73196 | NP-DLLA150SN 742 | 105015-7420 | | | | 5x0,35x150° | 2 Springs Nozzle |
| 731964 | NP-DLLA160SN 744 | 105015-7440 | | | | 5x0,31x160° | 2 Springs Nozzle |
| 73197 | NP-DLLA150SN 758 | 105015-7580 | | | | 5x0,29x150° | 2 Springs Nozzle |
| 73199 | NP-DLLA150SN 762 | 105015-7620 | | | | 5x0,32x150° | 2 Springs Nozzle |
| 73208 | NP-DLLA157SN 778 | 105015-7780 | | | | 5x0,33x157° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-------------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| Zexel | | | | | | | |
| 73211 | NP-DLLA155SN 789 | 105015-7890 | | | | 6X0,32x155° | 2 Springs Nozzle |
| 73221 | NP-DLLA158SN 821 | 105015-8210 | | | | 5x0,29x158° | Nozzle |
| 732216 | NP-DLLA163SN 823 | 105015-8230 | | | | 5x0,33x163° | 2 Springs Nozzle |
| 732218 | NP-DLLA160SN 827 | 105015-8270 | | | | 5x0,30x160° | Nozzle |
| 73223 | NP-DLLA148SN 841 | 105015-8410 | | | | 1x0,25+6x0,31 | 2 Springs Nozzle |
| 732238 | NP-DLLA150SN 843 | 105015-8430 | | | | 6x0,34x150° | 2 Springs Nozzle |
| 73224 | NP-DLLA160SN 844 | 105015-8440 | | | | 5x0,33x160° | 2 Springs Nozzle |
| 73228 | NP-DLLA157SN 848 | 105015-8480 | | | | 5x0,32x157° | 2 Springs Nozzle |
| 73229 | NP-DLLA158SN 852 | 105015-8520 | | | | 8x0,29x158° | Nozzle |
| 73230 | NP-DLLA150SN 854 | 105015-8540 | | | | 1x0,25+6x0,31 | 2 Springs Nozzle |
| 732308 | NP-DLLA155SN 858 | 105015-8580 | | | | 5x0,33x155° | 2 Springs Nozzle |
| 732309 | NP-DLLA150SN 859 | 105015-8590 | | | | 5x0,27x150° | 2 Springs Nozzle |
| 732326 | NP-DLLA150SN 866 | 105015-8660 | | | | 5x0,32x150° | 2 Springs Nozzle |
| 732329 | NP-DLLA150SN 868 | 105015-8680 | | | | 5x0,29x150° | 2 Springs Nozzle |
| 73233 | NP-DLLA158SN 869 | 105015-8690 | | | | 5x0,28x158° | Nozzle |
| 73235 | NP-DLLA150SN 871 | 105015-8710 | | | | 6x0,29x150° | 2 Springs Nozzle |
| 73237 | NP-DLLA150SN 876 | 105015-8760 | | | | 5x0,30x150° | Nozzle |
| 732371 | NP-DLLA150SN 877 | 105015-8770 | | | | 5x0,36x150° | 2 Springs Nozzle |
| 732372 | NP-DLLA158SN 878 | 105015-8780 | | | | 8x0,27x159° | Nozzle |
| 73239 | NP-DLLA146SN 886 | 105015-8860 | | | | 5x0,34x146° | Nozzle |
| 73242 | NP-DLLA150SN 892 | 105015-8920 | | | | 6x0,30x150° | 2 Springs Nozzle |
| 73243 | NP-DLLA160SN 893 | 105015-8930 | | | | 5x0,27x160° | 2 Springs Nozzle |
| 73248 | NP-DLLA155SN 898 | 105015-8980 | | | | 5x0,27x155° | Nozzle |
| 73253 | NP-DLLA150SN 906 | 105015-9060 | | | | 6x0,30x150° | 2 Springs Nozzle |
| 732535 | NP-DLLA155SN 913 | 105015-9130 | | | | 5x0,33x155° | 2 Springs Nozzle |
| 73254 | NP-DLLA156SN 921 | 105015-9210 | | | | 6x0,29x156° | 2 Springs Nozzle |
| 73255 | NP-DLLA160SN 922 | 105015-9220 | | | | 5x0,27x160° | Nozzle |
| 73257 | NP-DLLA150SN 953 | 105015-9530 | | | | 6x0,27x150° | 2 Springs Nozzle |
| 732575 | NP-DLLA155SN 955 | 105015-9551 | | | | 6x0,31x155° | 2 Springs Nozzle |
| 73281 | NP-DLLA153SN 7131 | 105015-7131 | | | | 2x0,29+2x0,31 | Nozzle |
| 73288 | NP-DLL130SM 128 | 105025-1280 | | | | 6x0,20+6x0,27 | Nozzle |
| 732904 | NP-DLLA160SM 004 | 105025-0040 | | | | 5x0,26x160° | 2 Springs Nozzle |
| 732908 | NP-DLLA145SM 012 | 105025-0120 | | | | 6x0,33x145° | Nozzle |
| 73291 | NP-DLLA150SM 018 | 105025-0180 | | | | 6x0,27x150° | 2 Springs Nozzle |
| 73292 | NP-DLLA153SM 029 | 105025-0290 | | | | 5x0,27x153° | Nozzle |
| 732925 | NP-DLLA152SM 043 | 105025-0430 | | | | 6x0,27x152° | 2 Springs Nozzle |
| 732931 | NP-DLLA157SM 051 | 105025-0510 | | | | 5x0,27x157° | 2 Springs Nozzle |
| 732933 | NP-DLLA158SM 053 | 105025-0530 | | | | 5x0,29x158° | Nozzle |
| 732934 | NP-DLLA157SM 054 | 105025-0540 | | | | 5x0,25x157° | 2 Springs Nozzle |
| 73294 | NP-DLLA155SM 061 | 105025-0610 | | | | 5x0,29x155° | Nozzle |
| 732945 | NP-DLLA152SM 070 | 105025-0700 | | | | 6x0,31x152° | 2 Springs Nozzle |
| 732946 | NP-DLLA160SM 072 | 105025-0720 | | | | 7x0,35x160° | Nozzle |
| 732947 | NP-DLLA158SM 073 | 105025-0730 | | | | 5x0,34x158° | 2 Springs Nozzle |
| 73295 | NP-DLLA160SM 080 | 105025-0800 | | | | 5x0,32x160° | Nozzle |
| 732957 | NP-DLLA160SM 087 | 105025-0870 | | | | 7x0,30x160° | Nozzle |
| 732959 | NP-DLLA142SM 095 | 105025-0950 | | | | 5x0,29x156° | Nozzle |
| 732968 | NP-DLLA150SM 116 | 105025-1160 | | | | 5x0,29x150° | 2 Springs Nozzle |
| 732971 | NP-DLLA155SM 157 | 105025-1570 | | | | 6x0,25x155° | 2 Springs Nozzle |
| 732975 | NP-DLLA155SM 194 | 105025-1940 | | | | 6x0,22x155° | Nozzle |
| 732978 | NP-DLLA146SM 224 | 105025-2240 | | | | 5x0,29x146° | Nozzle |
| 732980 | NP-DLLA157SM 273 | 105025-2730 | | | | 6x0,21x155° | Nozzle |
| 732983 | NP-DLLA150SM 303 | 105019-2900 | | | | 5x0,28x150° | Nozzle |
| 732984 | NP-DLLA149SM 304 | 105025-3040 | | | | 5x0,26x149° | Nozzle |
| 732986 | NP-DLLA140SM 353 | 105025-3530 | | | | 6x0,29x140° | Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|------------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| Zexel | | | | | | | |
| 732988 | NP-DLLA158SM 388 | 105025-3880 | | | | 8x0,30x160° | Nozzle |
| 73299 | NP-DLLA156SM 420 | 105025-4200 | | | | 7x0,22x156° | Nozzle |
| 7329942 | NP-DLLA158SM 442 | 105025-4420 | | | | 10x0,30x158° | Nozzle |
| 7329944 | NP-DLLA158SM 454 | 105025-4540 | | | | 8x0,23x158° | Nozzle |
| 7329947 | NP-DLLA123SM 457 | 105025-4570 | | | | 8x0,25+4x0,19x123° | Nozzle |
| 733019 | NP-DLLA150P 9 | 105017-0750 | | | | 4x0,31x150° | Nozzle |
| 73303 | NP-DLLA140PN 003 | 105017-0030 | | | | 2x0,26+2x0,29 | Nozzle |
| 73304 | NP-DLLA160PN 004 | 105017-0040 | | | | 5x0,29x160° | Nozzle |
| 73305 | NP-DLLA154PN 005 | 105017-0051 | | | | 4x0,26x154° | Nozzle |
| 73306 | NP-DLLA154PN 006 | 105017-0061 | | | | 4x0,28x154° | Nozzle |
| 73307 | NP-DLLA154PN 007 | 105017-0070 | | | | 5x0,27x154° | Nozzle |
| 73309 | NP-DLLA152PN 009 | 105017-0090 | | | | 4x0,30x152° | Nozzle |
| 73310 | NP-DLLA160PN 010 | 105017-0100 | | | | 5x0,30x160° | Nozzle |
| 73313 | NP-DLLA140PN 013 | 105017-0130 | | | | 2x0,27+2x0,29 | Nozzle |
| 73314 | NP-DLLA152PN 014 | 105017-0140 | | | | 4x0,29x152° | Nozzle |
| 73318 | NP-DLLA154PN 018 | 105017-0181 | | | | 4x0,25x154° | Nozzle |
| 73321 | NP-DLLA150PN 021 | 105017-0210 | | | | 4x0,34x150° | Nozzle |
| 73325 | NP-DLLA154PN 025 | 105017-0250 | | | | 4x0,32x154° | Nozzle |
| 73331 | NP-DLLA160PN 031 | 105017-0310 | | | | 3x0,30+2x0,32 | Nozzle |
| 73336 | NP-DLLA160PN 036 | 105017-0360 | | | | 5x0,30x160° | Nozzle |
| 73344 | NP-DLLA150PN 044 | 105017-0440 | | | | 4x0,30x150° | 2 Springs Nozzle |
| 73349 | NP-DLLA154PN 049 | 105017-0490 | | | | 4x0,26x154° | Nozzle |
| 73355 | NP-DLLA146PN 055 | 105017-0550 | | | | 4x0,30x146° | Nozzle |
| 73356 | NP-DLLA150PN 056 | 105017-0560 | | | | 4x0,29x150° | Nozzle |
| 73357 | NP-DLLA155PN 057 | 105017-0570 | | | | 3x0,26+2x0,29 | Nozzle |
| 73358 | NP-DLLA154PN 058 | 105017-0580 | | | | 4x0,30x154° | Nozzle |
| 73361 | NP-DLLA154PN 061 | 105017-0610 | | | | 4x0,31x154° | Nozzle |
| 73362 | NP-DLLA154PN 062 | 105017-0620 | | | | 4x0,29x154° | Nozzle |
| 73364 | NP-DLLA154PN 064 | 105017-0640 | | | | 4x0,32x154° | Nozzle |
| 73367 | NP-DLLA154PN 067 | 105017-0670 | | | | 4x0,26x154° | Nozzle |
| 73368 | NP-DLLA154PN 068 | 105017-0680 | | | | 4x0,29x154° | Nozzle |
| 73385 | NP-DLLA160PN 085 | 105017-0850 | | | | 5x0,28x160° | Nozzle |
| 73386 | NP-DLLA151PN 086 | 105017-0861 | | | | 4x0,30x151° | Nozzle |
| 73387 | NP-DLLA154PN 087 | 105017-0870 | | | | 4x0,28x154° | Nozzle |
| 73388 | NP-DLLA150PN 088 | 105017-0880 | | | | 5x0,28x150° | Nozzle |
| 73404 | NP-DLLA158PN 104 | 105017-1040 | | | | 5x0,31x158° | Nozzle |
| 73409 | NP-DLLA161PN 109 | 105017-1090 | | | | 4x0,33x161° | 2 Springs Nozzle |
| 73416 | NP-DLLA154PN 116 | 105017-1160 | | | | 4x0,24x154° | Nozzle |
| 73418 | NP-DLLA155PN 118 | 105017-1180 | | | | 4x0,31x155° | Nozzle |
| 73421 | NP-DLLA156PN 121 | 105017-1210 | | | | 4x0,31x153° | Nozzle |
| 73423 | NP-DLLA155PN 123 | 105017-1230 | | | | 4x0,30x155° | Nozzle |
| 73435 | NP-DLLA160PN 135 | 105017-1350 | | | | 5x0,28x160° | Nozzle |
| 73441 | NP-DLLA160PN 141 | 105017-1410 | | | | 5x0,30x160° | Nozzle |
| 73459 | NP-DLLA160PN 159 | 105017-1590 | | | | 5x0,28x156° | Nozzle |
| 73461 | NP-DLLA154PN 161 | 105017-1610 | | | | 4x0,25x154° | Nozzle |
| 73477 | NP-DLLA153PN 177 | 105017-1770 | | | | 5x0,25x153° | Nozzle |
| 73478 | NP-DLLA153PN 178 | 105017-1780 | | | | 5x0,25x153° | Nozzle |
| 73479 | NP-DLLA155PN 179 | 105017-1790 | | | | 4x0,31x155° | Nozzle |
| 73485 | NP-DLLA154PN 185 | 105017-1850 | | | | 5x0,29x154° | Nozzle |
| 73486 | NP-DLLA154PN 186 | 105017-1860 | | | | 5x0,27x154° | Nozzle |
| 73509 | NP-DLLA158PN 209 | 105017-2090 | CP | | | 5x0,21x158° | Nozzle |
| 73510 | NP-DLLA146PN 218 | 105017-2181 | CP | | | 6x0,23x146° | 2 Springs Nozzle |
| 735105 | NP-DLLA146PN 220 | 105017-2200 | CP | | | 5x0,285x146° | Nozzle |
| 735108 | NP-DLLA152PN 232 | 105017-2320 | CP | | | 5x0,22x152° | 2 Springs Nozzle |

| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|-----------------|-------------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| Zexel | | | | | | | |
| 73511 | NP-DLLA145PN 238 | 105017-2380 | CP | | | 5x0,215x145° | 2 Springs Nozzle |
| 73515 | NP-DLLA143PN 265 | 105017-2650 | CP | | | 5x0,22x143° | 2 Springs Nozzle |
| 73517 | NP-DLLA154PN 270 | 105017-2700 | CP | | | 5x0,205x154° | 2 Springs Nozzle |
| 73519 | NP-DLLA155PN 276 | 105017-2760 | CP | | | 5x0,25x155° | Nozzle |
| 73526 | NP-DLLA148PN 306 | 105017-3060 | CP | | | 6x0,19x148° | 2 Springs Nozzle |
| 73529 | NP-DLLA144PN 309 | 105017-3090 | CP | | | 5x0,22x144° | 2 Springs Nozzle |
| 73532 | NP-DLLA150PN 315 | 105017-3150 | | | | 5x0,29x160° | Nozzle |
| 73535 | NP-DLLA143PN 325 | 105019-1470 | CP | | | 5x0,23x143° | 2 Springs Nozzle |
| 73537 | NP-DLLA148PN 345 | 105017-3450 | CP | | | 5x0,23x148° | Nozzle |
| 73538 | NP-DLLA145PN 357 | 105017-3570 | CP | | | 5x0,185x145° | Nozzle |
| 73554 | NP-DSLA154PN 114 | 105017-1140 | | | | 4x0,30x154° | 2 Springs Nozzle |
| 73563 | NP-DSLA149PN 903 | 105017-9030 | CP | | | 5x0,26x149° | Nozzle |
| NZX10128 | DL130T328NP20 | 105011-0070 | | | | 8x0,32x130° | Nozzle |
| NZX10162 | DL150T268NP22 | 105011-9340 | | | | 8x0,26x150° | Nozzle |
| NZX10168 | DL150T288NP22 | 105011-9330 | | | | 8x0,28x150° | Nozzle |
| NZX10178 | DL150T348NP20 | 105011-9270 | | | | 8x0,34x150° | Nozzle |
| NZX10184 | DL150T388NP20 | 105011-9250 | | | | 8x0,38x150° | Nozzle |
| NZX10187 | DL155T308NP26 | 105011-9500 | | | | 8x0,30x155° | Nozzle |
| NZX10190 | DL155T3310NP40 | | | | | 10x0,33x155° | Nozzle |
| NZX10192 | DL155TE3710N8 | | | | | 10x0,37x155° | Nozzle |
| NZX10194 | DL155TE3910N8 | | | | | 10x0,39x155° | Nozzle |
| NZX10196 | DL160T306NP1 | 105011-2310 | | | | 6x0,30x160° | Nozzle |
| NZX10197 | DL160T3110NP47E | | | | | 10x0,33x160° | Nozzle |
| NZX10199 | DL160T3310NP34 | 105018-0470 | | | | 10x0,33x160° | Nozzle |
| NZX10203 | DL160T32510NP40 | | | | | 10x0,325x160° | Nozzle |
| NZX10205 | DL160T3510NP40 | 105018-0450 | | | | 10x0,35x160° | Nozzle |
| NZX10214 | DL145TE324.284N4 | 105018-0290 | | | | 4x0,28+4x0,32 | Nozzle |
| NZX12228 | DL150U428NP9 | 105012-0570 | | | | 8x0,42x150° | Nozzle |
| NZX12980 | DLL137TE2610 | | | | | 10x0,26x137° | Nozzle |
| NZX12989 | DLL135TE2810M3 | | | | | 10x0,28x135° | Nozzle |
| NZX12990 | DLL137TE2810 | | | | | 10x0,28x137° | Nozzle |
| NZX12991 | DLL140TE2810 | | | | | 10x0,28x140° | Nozzle |
| NZX12993 | DLL137TE3010 | | | | | 10x0,30x137° | Nozzle |
| NZX12994 | DLL140TE3010 | | | | | 10x0,30x140° | Nozzle |
| NZX12996 | DLL137TE3210 | | | | | 10x0,32x137° | Nozzle |
| NZX12997 | DLL140TE3210 | | | | | 10x0,32x140° | Nozzle |
| NZX12998 | DLL135TE288 | | | | | 8x0,28x135° | Nozzle |
| NZX13000 | DLL140TE288 | | | | | 8x0,28x140° | Nozzle |
| NZX14038 | DLL137UE3810N3 | | | | | 10x0,38x137° | Nozzle |
| NZX140381 | DLL140UE3810 | | | | | 10x0,38x140° | Nozzle |
| NZX14039 | DLL140UE3412N3 | | | | | 12x0,34x140° | Nozzle |
| NZX14040 | DLL140UE4010N2 | | | | | 10x0,40x140° | Nozzle |
| NZX14042 | DLL140UE4210N2 | | | | | 10x0,42x140° | Nozzle |
| NZX14044 | DLL140UE4410N2 | | | | | 10x0,44x140° | Nozzle |
| NZX14046 | DLL140UE4610N2 | | | | | 10x0,46x140° | Nozzle |
| NZX14047 | DLL140UE4810 | | | | | 10x0,48x140° | Nozzle |
| NZX14048 | DLL150UE4810 | | | | | 10x0,48x150° | Nozzle |
| NZX15202 | DLF130TB328N17 | 105011-7240 | | | | 8x0,32x130° | Nozzle |
| NZX15204 | DLF140TB304-264N3 | 105011-7980 | | | | 4x0,30/4x0,26x140° | Nozzle |
| NZX15218 | DLF145TB308N20 | 105011-6350 | | | | 8x0,30x145° | Nozzle |
| NZX15220 | DLF148TB338 | | | | | 8x0,33x148° | Nozzle |
| NZX15221 | DLF145TB328 | | | | | 8x0,32x145° | Nozzle |
| NZX15223 | DLF150TB268 | 105011-7680 | | | | 8x0,26x150° | Nozzle |
| NZX15228 | DLF150TB308 | 105011-7020 | | | | 8x0,30x150° | Nozzle |

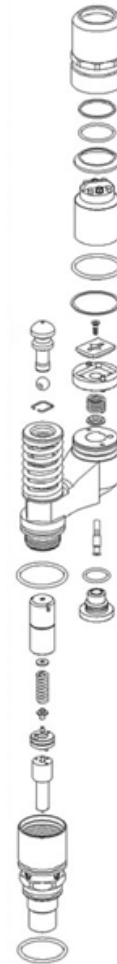
| <i>Our Ref.</i> | <i>Stamping</i> | <i>Part Number</i> | <i>CP</i> | <i>DLC</i> | <i>D/A</i> | <i>Technical Data</i> | <i>Description</i> |
|------------------|--------------------|--------------------|-----------|------------|------------|-----------------------|--------------------|
| Zexel | | | | | | | |
| NZX15238 | DLF150TB328N23 C | 105011-7450 | | | | 8x0,32x150° | Nozzle |
| NZX15250 | DLF150TB348N17 | 105011-7260 | | | | 8x0,34x150° | Nozzle |
| NZX15268 | DLF150TB368N27 | 105011-7740 | | | | 8x0,36x150° | Nozzle |
| NZX15289 | DLF150TB388N17 | 105011-7250 | | | | 8x0,38x150° | Nozzle |
| NZX15306 | DLF160TB306N8 | 105011-6640 | | | | 6x0,30x160° | Nozzle |
| NZX15320 | DLF137TE3010 | | | | | 10x0,30x137° | Nozzle |
| NZX15336 | DLF140TE2610 | | | | | 10x0,26x140° | Nozzle |
| NZX15340 | DLF140TE2810 | 105011-8460 C | | | | 10x0,28x140° | Nozzle |
| NZX15344 | DLF140TE3010 | 105011-8470 C | | | | 10x0,30x140° | Nozzle |
| NZX15347 | DLF140TE3210 | 105011-8480 C | | | | 10x0,32x140° | Nozzle |
| NZX15358 | DLF145TE308N1 C | 105011-8090 | | | | 8x0,30x145° | Nozzle |
| NZX15362 | DLF145TE284.264N3C | | | | | 4x0,28+4x0,26 | Nozzle |
| NZX15364 | DLF145TE324.284N3C | 105011-8200 | | | | 4x0,32+4x0,28 | Nozzle |
| NZX15370 | DLF145TE328N1 | 105011-8110 | | | | 8x0,32x145° | Nozzle |
| NZX15380 | DLF145TE348 | | | | | 8x0,34x145° | Nozzle |
| NZX16048 | DLF140UB4810 | | | | | 10x0,48x140° | Nozzle |
| NZX16052 | DLF140UB5210 | | | | | 10x0,52x140° | Nozzle |
| NZX16079 | DLF150UB479N9 | 105012-5630 | | | | 9x0,47x150° | Nozzle |
| NZX16152 | DLF140UB52.9 | | | | | 9x0,49x140° | Nozzle |
| NZX16238 | DLF137UE3810N8 C | | | | | 10x0,38x137° | Nozzle |
| NZX16340 | DLF140UE4010N3 | | | | | | Nozzle |
| NZX163401 | DLF150UE4010N3C | | | | | 10x0,40x150° | Nozzle |
| NZX16342 | DLF150UE4210N3C | | | | | 10x0,42x150° | Nozzle |
| NZX16344 | DLF150UE4410N3C | | | | | 10x0,44x150° | Nozzle |
| NZX17561 | DLF145VE5611N4 | | | | | | Nozzle |
| NZX20100 | N/P-2010-0211 | | | | | 13x0,39x82° | Nozzle |
| NZX201001 | N/P-2010-0211 | | | | | 13x0,39x82° | Nozzle |



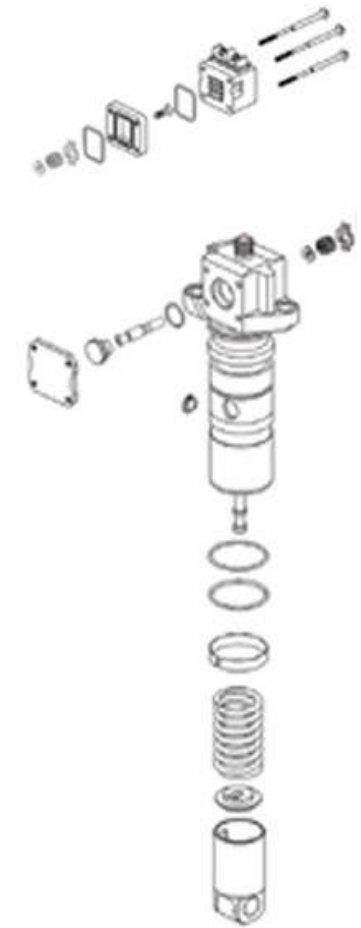
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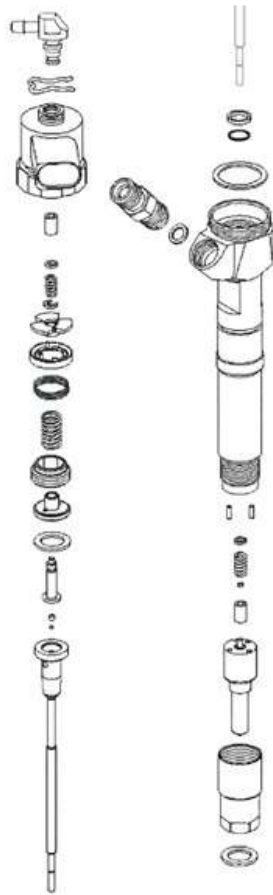
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**BOSCH®
PDE 90-100
0414-700/701/702-...**



**BOSCH®
PLD/EUP
0414-755-...**



**BOSCH®
COMMON RAIL CRI
0445-110-...**



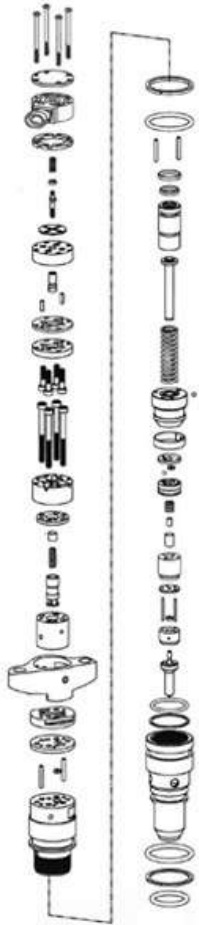
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COMMON RAIL CRIN
0445-120-...**



**BOSCH®
PIEZO
0445-115/116/117/118-...**



**CATERPILLAR®/PERKINS®
COMMON RAIL**



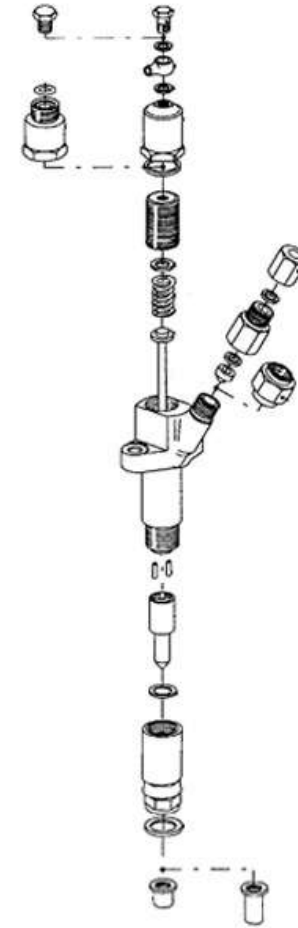
**CATERPILLAR®
C7/C9**



**DELPHI®
MECHANICAL
INJECTOR**



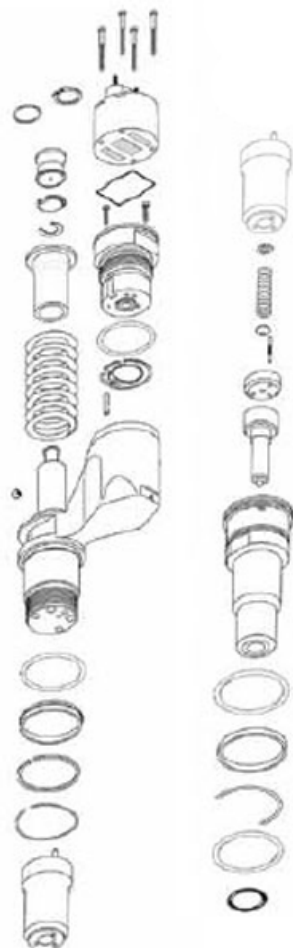
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MECHANICAL
INJECTOR**



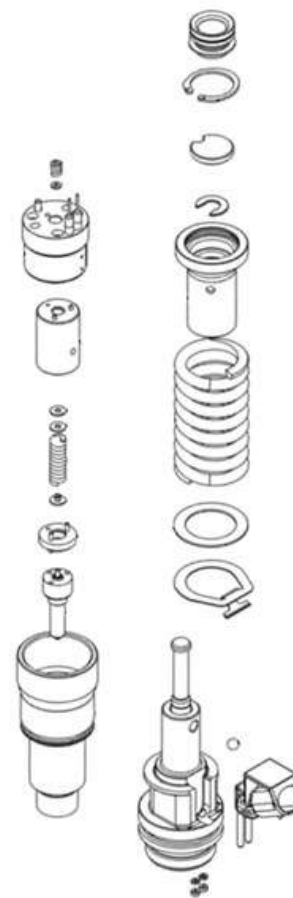
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MECHANICAL
INJECTOR**



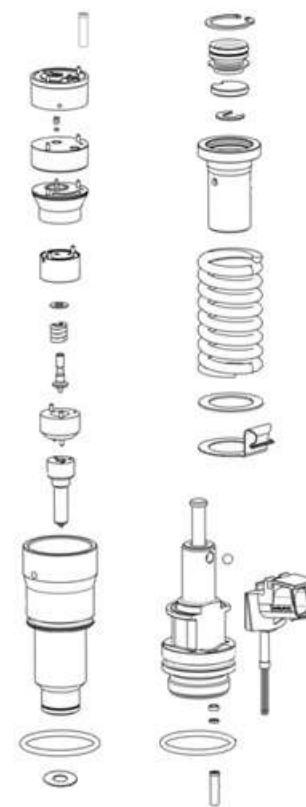
**DELPHI®
TD5
BEBE2A...**



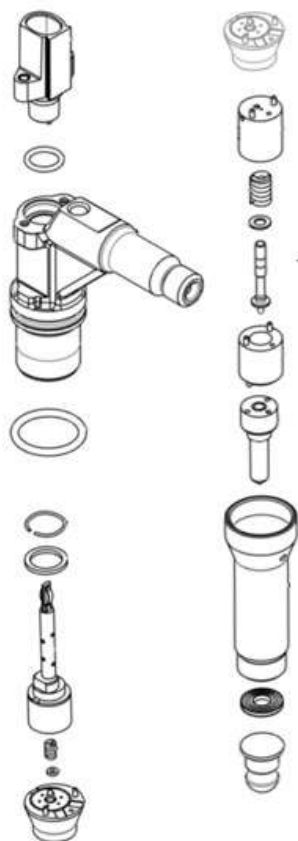
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EUI
BEBE4B...**



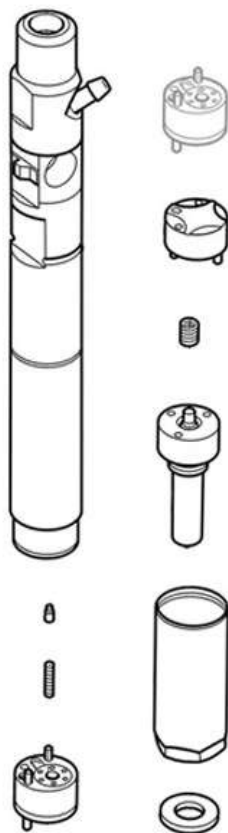
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EUI
BEBE4C...**



**DELPHI®
EUI
BEBE4D...**



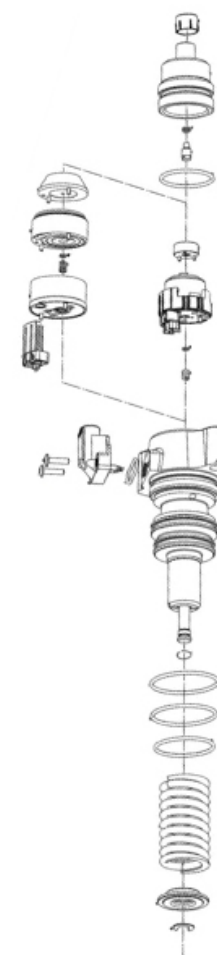
**DELPHI®
SMART 90°
BEBJ...**



**DELPHI®
COMMON RAIL
EJBR.../EJDR...**



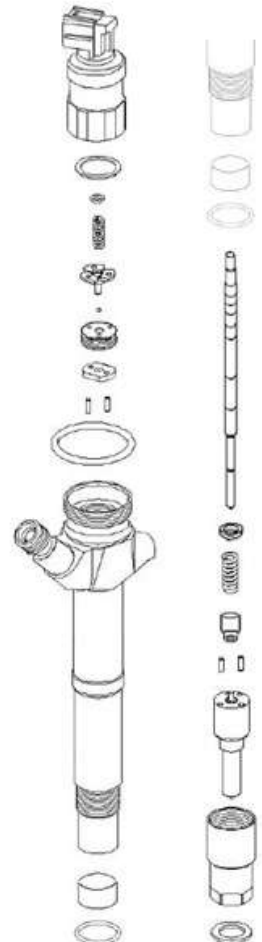
**DELPHI®
COMMON RAIL
DFI**



**DELPHI®
EUP**



**DENSO®
COMMON RAIL**



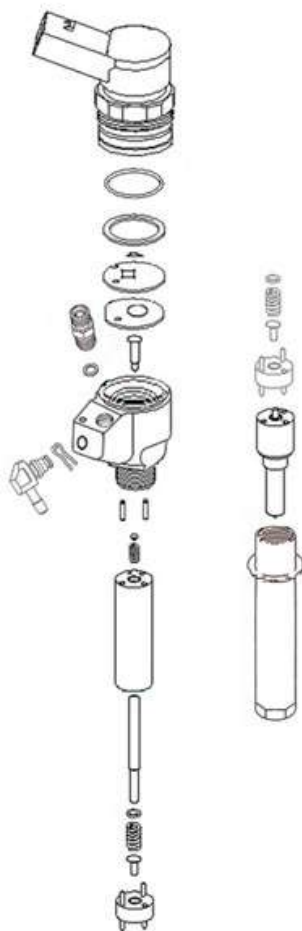
**DENSO®
COMMON RAIL**



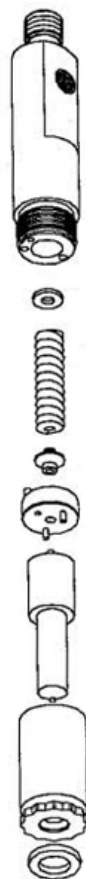
**DENSO®
COMMON RAIL ISUZU**



**SIEMENS® VDO®
COMMON RAIL**



**SIEMENS® VDO®
COMMON RAIL**



STANADYNE®

PRODUCT UPDATE - September 2010 (last update 06.11.2024)



Nozzles and spare parts for DENSO® COMMON RAIL INJECTORS AND PUMPS suitable for many European and Japanese vehicles

In late 1995, Denso® launched its first common rail system and it continues to develop and improve it. In fact Denso® introduced in the European market in June 2002 a 1800-bar common rail system. Denso®'s Common Rail system achieved a high injection pressure and five-time multiple injections at a high accuracy. This system comfortably cleared Euro 4/5 emission regulations without a diesel particulate filter.

In Europe, many vehicles like Primera, Almera, Tino, and X-Trail of Nissan®, MPV and Mazda 6 of Mazda® and Avensis of Toyota® are equipped with this system.

In Japan and in many other countries Hilux and Prado of Toyota® and pickups DMAX and light truck ELF of Isuzu® are equipped with this system.

We produce over 140 different nozzles.

Check out in next pages our Common Rail products suitable for Denso®.



NOZZLES

| Seven Code | Stamping | Part Number | DLC | Injector No. | Main Applications |
|------------|-----------------|-------------|-----|----------------------------|---|
| 73810 | ND-DLLA155P 683 | 093400-6830 | | | |
| 738103 | ND-DLLA144P 690 | 093400-6900 | DLC | 095000-014X 095000-019X | Isuzu 6HK1 and F-Series Truck |
| 738108 | ND-DLLA149P 703 | 093400-7030 | DLC | 095000-016X | Isuzu 8-94392862-# |
| 73811 | ND-DLLA155P 706 | 093400-7060 | DLC | | |
| 738121 | ND-DLLA154P 717 | 093400-7170 | DLC | | |
| 73815 | ND-DLLA144P 720 | 093400-7200 | DLC | | |
| 73817 | ND-DLLA147P 747 | 093400-7470 | DLC | 095000-042X 095000-057X | Toyota Avensis, Avensis Verso, Previa II and RAV 4 II 23670-27030 (042) 23670-29035 (057) |
| 73818 | ND-DLLA145P 748 | 093400-7480 | DLC | | |
| 73819 | ND-DLLA155P 753 | 093400-7530 | DLC | 095000-053X 095000-075X | Toyota Land Cruiser (Prado / Colorado) 23670-30020 (053) 23670-39025 (075) |
| 73821 | ND-DLLA143P 761 | 093400-7610 | | 095000-056X | Komatsu 6218113100/01/10 |
| 73822 | ND-DLLA147P 762 | 093400-7620 | DLC | 095000-061X | Kobelco BM800 and Hino 500 Series with Hino P11C engine |
| 73823 | ND-DLLA148P 763 | 093400-7630 | DLC | 095000-054X | John Deere 8.1L RE504181 |
| 73824 | ND-DLLA148P 764 | 093400-7640 | DLC | 095000-055X | John Deere 8.1L RE501010 |
| 738241 | ND-DLLA148P 765 | 093400-7650 | DLC | 095000-051X | Nissan X-Trail 16600-8H80# |
| 738251 | ND-DLLA147P 788 | 093400-7880 | DLC | 095000-077X 095000-094X | Toyota Dyna, Hiace III, IV, V and Hilux II III 23670-30030 (077) 23670-39035 (094) |
| 73829 | ND-DLLA142P 793 | 093400-7930 | DLC | 095000-080X | |
| 73830 | ND-DLLA152P 798 | 093400-7980 | DLC | 095000-501X | Isuzu 4HJ1 8-97306073-# |
| 73831 | ND-DLLA156P 799 | 093400-7990 | DLC | 095000-500X 095000-550X | Isuzu 8-97306071-# (500) 8-97367552-# (550) |

DLC (Diamond-Like Carbon) = needle with special black coating



NOZZLES

| Seven Code | Stamping | Part Number | DLC | Injector No. | Main Applications |
|---------------|-----------------|-------------|-----|--|--|
| 73835 | ND-DLLA152P 805 | 093400-8050 | DLC | 095000-503X 095000-587X 095000-785X 095000-883X | Mazda 6 and MPV II RF5C13H50A (503) RF5C13H50B (587) RFY013H50A (883) RFY013H50B (785) |
| 738371 | ND-DLLA155P 807 | 093400-8070 | DLC | | Toyota 23670-30060 |
| 73838 | ND-DLLA133P 814 | 093400-8140 | DLC | 095000-505X | John Deere 4.5L/6.8L RE516540-RE519730 RE507860 |
| 73839 | ND-DLLA150P 815 | 093400-8150 | DLC | 095000-512X 095000-542X | Toyota Avensis and Corolla 23670-0G010 (512) 23670-09030 (542) |
| 738395 | ND-DLLA148P 816 | 093400-8160 | DLC | 095000-507X 095000-513X | Nissan Almera, Primera and X-Trail 16600-AW42# (507) 16600-AW40# (513) |
| 738401 | ND-DLLA148P 817 | 093400-8170 | DLC | 095000-508X | Opel Astra, Combo, Corsa and Meriva 8-97313861-# |
| 738402 | ND-DLLA148P 820 | 093400-8200 | DLC | 095000-516X | John Deere 8.1L RE518725-RE524362 RE504181 |
| 738403 | ND-DLLA148P 821 | 093400-8210 | DLC | | |
| 738405 | ND-DLLA148P 826 | 093400-8260 | DLC | 095000-519X | John Deere 8.1L RE524364-RE518723 |
| 738406 | ND-DLLA148P 828 | 093400-8280 | DLC | 095000-523X | John Deere 8.1L RE524360 |
| 738409 | ND-DLLA158P 834 | 093400-8340 | DLC | 095000-522X | Hino 700-Series 23670-E0341 |
| 73841 | ND-DLLA150P 835 | 093400-8350 | DLC | 095000-521X | Hino P11C 23670-E0351 |
| 738417 | ND-DLLA155P 840 | 093400-8400 | DLC | 095000-655X | Toyota/Hino 23670-78140 |
| 73842 | ND-DLLA155P 842 | 093400-8420 | DLC | 095000-659X | Hino J08/New Holland 23670-E0010 |
| 738431 | ND-DLLA158P 844 | 093400-8440 | DLC | 095000-534X | Isuzu Forward 8-97602485-# (534) |
| 73844 | ND-DLLA155P 848 | 093400-8480 | DLC | 095000-635X | Kobelco SK200-8 and SK260-8 23670-E0050 |
| 738450 | ND-DLLA139P 851 | 093400-8510 | DLC | 095000-548X | John Deere 4.5L RE520240-RE520333 |



NOZZLES

| Seven Code | Stamping | Part Number | DLC | Injector No. | Main Applications |
|------------|-----------------|-------------|-----|--|---|
| 738451 | ND-DLLA142P 852 | 093400-8520 | DLC | 095000-121X | Komatsu 6156113300 |
| 7384541 | ND-DLLA158P 854 | 970950-0547 | DLC | 095000-547X | Isuzu 4HK1/6HK1 8-97329703-# |
| 73846 | ND-DLLA157P 855 | 093400-8550 | DLC | 095000-545X | Mitsubishi 6M60 |
| 73847 | ND-DLLA155P 856 | 093400-8560 | DLC | 095000-660X | Hino 500 Series or Ranger 23670-E0040 23670-E0041 |
| 7384911 | ND-DLLA152P 862 | 093400-8620 | DLC | 095000-543X 095000-610X | Isuzu DMAX 8-97311372-# (543) 8-98011604-# (610) 8-98055862-# (610) |
| 7384931 | ND-DLLA155P 863 | 093400-8630 | DLC | 095000-544X 095000-592X | Toyota Hilux III, Toyota Land Cruiser (Prado) and Hiace 23670-0L020 (544) 23670-09070 (592) |
| 7384941 | ND-DLLA145P 864 | 093400-8640 | DLC | 095000-552X 095000-588X 095000-593X | Toyota Hilux 2.5L 23670-09060 (593) 23670-0L010 (552) 23670-30050 (588) |
| 7384951 | ND-DLLA152P 865 | 093400-8650 | DLC | | |
| 738496 | ND-DLLA150P 866 | 093400-8660 | DLC | 095000-555X 095000-831X | Hyundai County and Mighty 33800-4570# |
| 7384971 | ND-DLLA145P 870 | 093400-8700 | DLC | 095000-560X | Mitsubishi L200 and Pajero Sport II 1465A041 |
| 738498 | ND-DLLA148P 872 | 093400-8720 | DLC | 095000-565X | Nissan Navara D40 and Pathfinder 16600-EB30# |
| 7384991 | ND-DLLA145P 875 | 093400-8750 | DLC | 095000-576X 095000-811X | Mitsubishi L, Pajero IV and Montero 1465A054 (576) 1465A307 (811) |
| 7384992 | ND-DLLA155P 876 | 093400-8760 | DLC | 095000-604X 095000-623X | USE P1028 23670-0R020 (604) 23670-09140 (623) |
| 7384999 | ND-DLLA155P 880 | 093400-8800 | DLC | 095000-676X 095000-703X 095000-740X 095000-741X | USE P1025 Toyota Hilux 23670-30140 (676) 23670-39185 (703) 23670-30220 (740) 23670-39215 (741) |



NOZZLES

| Seven Code | Stamping | Part Number | DLC | Injector No. | Main Applications |
|---------------|-----------------|-------------|-----|----------------------------|--|
| 73850 | ND-DLLA154P 881 | 093400-8810 | DLC | 095000-578X 095000-786X | Mazda 3, 5 and 6 RF7J13H50 (578) RF8G13H50 (786) |
| 738510 | ND-DLLA153P 884 | 093400-8840 | DLC | 095000-580X | Citroen Jumper, FIAT Ducato, Ford Transit and Tourneo, Peugeot Boxer 6C1Q9K546AC (580) 1980J7 (580) 71794621 (580) 71724128 (580) |
| 738511 | ND-DLLA153P 885 | 093400-8850 | DLC | 095000-581X 095000-706X | Ford Transit and Tourneo, Land Rover Defender 6C1Q9K546BB (581) 6C1Q9K546BC (706) |
| 73852 | ND-DLLA139P 887 | 093400-8870 | DLC | 095000-649X | John Deere 4.5L/6.8L RE546781-RE524382 RE529118 |
| 73853 | ND-DLLA125P 889 | 093400-8890 | DLC | 095000-648X | John Deere 9.0L RE546776-RE528407 RE529149 |
| 73854 | ND-DLLA129P 890 | 093400-8900 | DLC | 095000-647X | John Deere 9.0L RE546777-RE528408 RE529151 |
| 738551 | ND-DLLA156P 905 | 093400-9050 | DLC | | |
| 73856 | ND-DLLA150P 906 | 093400-9060 | DLC | | |
| 738565 | ND-DLLA158P 909 | 093400-9090 | DLC | 095000-597X | Toyota Dyna 200 23670-E0360-A |
| 738571 | ND-DLLA148P 915 | 093400-9150 | DLC | 095000-607X | Komatsu 6251-11-3100 |
| 7385713 | ND-DLLA152P 917 | 093400-9170 | DLC | 095000-602X | Nissan X-Trail 16600-ES60# 16600-ES61# |
| 7385714 ●● | ND-DLLA138P 919 | 093400-9190 | DLC | 095000-612X | Komatsu engine SAA6D140E-5 6261-11-3100 |
| 7385715 | ND-DLLA148P 924 | 093400-9240 | DLC | 095000-613X | Opel Astra, Corsa, Meriva and Zafira 8-97376270-# |
| 7385717 | ND-DLLA139P 925 | 093400-9250 | DLC | 095000-650X | John Deere 4.5L/6.8L RE546782-RE529117 RE529414 |
| 738581 | ND-DLLA150P 927 | 093400-9270 | DLC | 095000-594X 095000-622X | Wuxi Diesel 6DL1 |



NOZZLES

| Seven Code | Stamping | Part Number | DLC | Injector No. | Main Applications |
|--------------------|-----------------|-------------|-----|--|--|
| 738582 | ND-DLLA152P 929 | 093400-9290 | DLC | 095000-630X | Isuzu N-Series 15.7L 1-15300436-0 |
| 7385831 | ND-DLLA148P 932 | 093400-9320 | DLC | 095000-624X | Nissan Cabstar 16600-MB40# |
| 738589 | ND-DLLA155P 939 | 093400-9390 | DLC | 095000-641X 095000-696X 095000-730X 095000-731X 095000-766X 095000-767X | Toyota Avensis 23670-0R030 (641) 23670-09180 (696) 23670-0R140 (730) 23670-09240 (731) 23670-0R190 (766) 23670-09280 (767) |
| 738590 | ND-DLLA155P 941 | 093400-9410 | DLC | 095000-847X | Toyota Dyna 200 23670-E0410 23670-78160 |
| 738591 | ND-DLLA127P 944 | 093400-9440 | DLC | 095000-631X | John Deere 4.5L/6.8L RE546784-RE530362 RE531209 |
| 738592 | ND-DLLA127P 945 | 093400-9450 | DLC | 095000-632X | John Deere 4.5L/6.8L RE546783-RE530361 RE531210 |
| 738593 | ND-DLLA152P 947 | 093400-9470 | DLC | 095000-625X | Nissan Navara D40, NP300 and Pathfinder 16600-EC00# |
| 7385951 | ND-DLLA151P 955 | 093400-9550 | DLC | 095000-662X | Ford Transit 3.2L 7C169K546AB |
| 738605 • | ND-DLLA155P 960 | 093400-9600 | DLC | 095000-768X 095000-769X | Toyota Avensis, Auris, Corolla, Corolla Verso and RAV4 23670-0R180 (768) 23670-09270 (769) |
| 738609 | ND-DLLA155P 964 | 093400-9640 | DLC | 095000-679X | Shanghai Diesel 6114 |
| 738611 | ND-DLLA155P 965 | 093400-9650 | DLC | 095000-670X | Sino Truck Howo |
| 738621 | ND-DLLA150P 966 | 093400-9660 | DLC | | USE P1026 |
| 73865 | ND-DLLA155P 970 | 093400-9700 | DLC | 095000-753X | Toyota Land Cruiser 200 23670-59025 (753) |
| 73866 | ND-DLLA155P 971 | 093400-9710 | DLC | 095000-674X 095000-718X 095000-805X 095000-806X 095000-974X 095000-977X | Toyota Land Cruiser 23670-51040 (805) 23670-51041 (974) 23670-59016 (806) 23670-59018 (977) |
| 73867 | ND-DLLA153P 977 | 093400-9770 | DLC | 095000-708X | |



NOZZLES

| Seven Code | Stamping | Part Number | DLC | Injector No. | Main Applications |
|----------------|------------------|-------------|-----|---|--|
| 73870 | ND-DLLA152P 980 | 093400-9800 | DLC | 095000-698X | Isuzu DMAX 8-98011604-# |
| 73871 | ND-DLLA152P 981 | 093400-9810 | DLC | 095000-699X | Isuzu DMAX 8-98011605-# |
| 738712 | ND-DLLA129P 983 | 093400-9830 | DLC | 095000-688X | John Deere 4.5L/6.8L RE546780-RE532216 RE531210 |
| 738713 | ND-DLLA158P 984 | 093400-9840 | DLC | 095000-637X | Isuzu 8-97609789-# |
| 73872 | ND-DLLA152P 989 | 093400-9890 | DLC | 095000-714X (9709500-714) | Hyundai Mighty, Mega Truck and County 33800-52000 |
| 73873 | ND-DLLA150P 991 | 093400-9910 | DLC | 095000-717X | Hino 23670-E0370 |
| 73875 | ND-DLLA150P 1023 | 093400-1023 | DLC | 095000-755X 095000-758X | Toyota Avensis and Corolla 23670-0G040 (755) 23670-09250 (758) |
| 73876 | ND-DLLA145P 1024 | 093400-1024 | DLC | 095000-738X 095000-775X 095000-776X 095000-853X 095000-874X | Toyota Hilux 2.5L D-4D 23670-30240 (738) 23670-30300 (775) 23670-39275 (776) 23670-0L070 (853) 23670-09360 (874) |
| 738761 | ND-DLLA155P 1025 | 093400-1025 | DLC | 095000-754X 095000-773X 095000-778X | Toyota Hilux III and Land Cruiser (Prado) 23670-30280 (754) 23670-39295 (773) 23670-39315 (778) 23670-39316 (778) |
| 7387615 | ND-DLLA150P 1026 | 093400-1026 | DLC | 095000-779X 095000-780X | Toyota Hiace 23670-30310 (779) 23670-39285 (780) |
| 7387616 | ND-DLLA155P 1027 | 093400-1027 | DLC | 095000-561X 095000-611X 095000-690X 095000-724X 095000-725X 095000-760X 095000-761X | Toyota Avensis 23670-0R010 (561) 23670-09130 (611) 23670-0R110 (724) 23670-09200 (725) 23670-0R160 (760) 23670-09260 (761) |
| 738762 | ND-DLLA155P 1028 | 093400-1028 | DLC | 095000-763X 095000-764X | Toyota Corolla Verso and RAV4 III 23670-0R170 (763) 23670-09290 (764) |



NOZZLES

| Seven Code | Stamping | Part Number | DLC | Injector No. | Main Applications |
|---------------------|------------------|-------------|-----|----------------------------|---|
| 7387629 | ND-DLLA155P 1030 | 093400-1030 | DLC | 095000-749X 095000-956X | Mitsubishi L200 and Pajero 1465A257 (956) 1465A297 (749) |
| 738763 | ND-DLLA145P 1031 | 093400-1031 | DLC | 095000-750X | Mitsubishi Pajero 1465A279 |
| 738764 | ND-DLLA149P 1036 | 093400-1036 | DLC | 095000-515X 095000-756X | John Deere 8.1L RE518726 (515) RE524361 (756) RE535961 (756) |
| 738766 | ND-DLLA152P 1040 | 093400-1040 | DLC | 095000-837X | Isuzu 8-98119228-# |
| 738768 | ND-DLLA155P 1044 | 093400-1044 | DLC | 095000-652X | Toyota Dyna 200 23670-79026 23670-E0091 |
| 73877 | ND-DLLA145P 1049 | 093400-1049 | DLC | 095000-801X | Sino Truck Howo |
| 73881 | ND-DLLA150P 1052 | 093400-1052 | DLC | 095000-810X | Sino Truck |
| 738813 | ND-DLLA150P 1054 | 093400-1054 | DLC | 095000-681X | Hino 23670-E0201 |
| 738817 | ND-DLLA150P 1059 | 093400-1059 | DLC | | Hyundai |
| 73882 | ND-DLLA155P 1062 | 093400-1062 | DLC | 095000-822X 095000-829X | Toyota Hilux III and Land Cruiser (Prado) 23670-0L050 (822) 23670-09330 (829) |
| 73890 | ND-DLLA155P 1090 | 093400-1090 | DLC | 095000-679X | LiuGong, SDLG, Shantui and XCMG |
| 73892 | ND-DLLA158P 1092 | 093400-1092 | DLC | 095000-636X | Isuzu Forward 8-97609788-# (636) |
| 73896 | ND-DLLA158P 1096 | 093400-1096 | DLC | 095000-890X | Isuzu N-Series 8-98151837-# (890) |
| 738961 | ND-DLLA152P 1097 | 093400-1097 | DLC | 095000-551X | Isuzu 6WF1-TC 8-97603415-# |
| 73959 | G3S1 | | DLC | 295050-001X | Mazda 3, 6 and CX7 R2AA13H50 |
| 73960 | G3S3 | | DLC | 295050-005X | Chevrolet Cruze and Trax, Opel Astra 1.7L, Corsa, Meriva and Mokka 821005 55567729 |
| 739601 •• | G3S4 | | DLC | 295050-012X | Citroen C4 Aircross, Peugeot 4008, Mitsubishi ASX, Lancer and Outlander 16 078 541 80 1465A323 |



NOZZLES

| Seven Code | Stamping | Part Number | DLC | Injector No. | Main Applications |
|--------------|----------|-------------|-----|--|--|
| 73961 | G3S6 | | DLC | 295050-018X 295050-020X 295050-046X 295050-052X | Toyota Hilux 23670-0L090 (018) 23670-30400 (020) 23670-39365 (046) 23670-09350 (052) |
| 73962 | G3S7 | | DLC | 295050-019X 295050-021X 295050-047X 295050-053X | Toyota Hiace 23670-0L100 (019) 23670-30410 (021) 23670-39255 (047) 23670-09340 (053) |
| 739621 ●● | G3S8 | | DLC | DCRI300250 295050-025X | Subaru 16613-AA030 |
| 73963 ● | G3S10 | | DLC | DCRI300300 295050-030X | Nissan Navara, Murano and Pathfinder 16600-5X00# 16600-1AT0A |
| 739632 ●● | G3S12 | | DLC | 295050-023X | Hino 23670-E0400 |
| 73964 | G3S16 | | DLC | 295050-033X | Perkins C4.4 and C7.1 3425761 |
| 73965 | G3S17 | | DLC | 259050-061X | John Deere 9.0L RE543605 RE543352 |
| 739659 ●● | G3S21 | | DLC | 295050-038X | Xichai |
| 73966 ●● | G3S22 | | DLC | 295050-040X | Perkins C6.6 3425-763 |
| 739667 ●● | G3S29 | | DLC | 295050-171X | Isuzu NLR 8-98238318-1 |
| 73967 ● | G3S32 | | DLC | 295050-056X | Mitsubishi Pajero/Montero 1465A351 |
| 73968 | G3S33 | | DLC | 295050-054X 295050-081X | Toyota Dyna 23670-0L110 (054) 23670-09380 (081) |
| 739685 ● | G3S41 | | DLC | 295050-076X | Hino 300 23670-E9260 |
| 739686 ●● | G3S42 | | DLC | 295050-079X | Hino 23670-E0530 |
| 73969 | G3S45 | | DLC | 295050-089X | Mitsubishi L200 and Pajero Sport 1465A367 |
| 739691 ●● | G3S46 | | DLC | 295050-090X | Nissan Cabstar 16600-5X00# |
| 739692 | G3S47 | | DLC | 295050-091X 295050-190X | Isuzu D-Max 2.5L 8-98159583-0 (091) 8-98260109-0 (190) |



NOZZLES

| Seven Code | Stamping | Part Number | DLC | Injector No. | Main Applications |
|--------------|----------|-------------|-----|--------------|--|
| 739695 | G3S48 | | DLC | 295050-093X | Isuzu and Qingling 8-98178247-3 |
| 73970 | G3S49 | | DLC | | |
| 739701 | G3S50 | | DLC | 295050-096X | Toyota Vigo (Hilux) |
| 739702 ● | G3S51 | | DLC | 295050-105X | Nissan Frontier 2.5L 16600-5X30A |
| 739703 | G3S52 | | DLC | 295050-106X | Nissan Navara, NP300 and Pathfinder 16600-3XN0# |
| 739704 | G3S53 | | DLC | 5296723 | Foton Cummins ISF3.8 Euro IV |
| 739705 ● | G3S54 | | DLC | 295050-117X | Hino J08E 23670-E0031 |
| 73972 | G3S58 | | DLC | 295050-124X | Volvo Penta 21785960 |
| 73973 | G3S60 | | DLC | 295050-129X | Isuzu NPR, Novociti, Novolux, Novo, Novo Ultra and Turkuaz 8-98207435-0 |
| 73975 | G3S69 | | DLC | | |
| 73976 ●● | G3S72 | | DLC | 295050-143X | John Deere |
| 739762 ●● | G3S74 | | DLC | 295050-146X | Xichai |
| 73977 | G3S77 | | DLC | 295050-176X | Mitsubishi L200 1465A439 |
| 73979 ●● | G3S79 | | DLC | 295050-159X | Toyota 23670-E0590 |
| 73981 | G3S81 | | DLC | | |
| 73983 | G3S87 | | DLC | | |
| 73990 ●● | G3S112 | | DLC | 9729505-220X | Cummins 5344766 |
| 73995 ●● | G3S126 | | DLC | 295050-248X | Isuzu D-Max 8-98331847-1 |



CONTROL VALVES AND PLUNGERS



| Injector No. | Control Valve Seven Code | Plunger Seven Code |
|--------------|--------------------------|--------------------|
| 095000-036X | 12036 * | 14036 |
| 095000-042X | 12042 * | 14042 |
| 095000-043X | 12043 * | 14043 |
| 095000-051X | 12051 * | - |
| 095000-052X | 12052 * | 14052 |
| 095000-053X | 12053 * | 14053 |
| 095000-057X | 12057 * | 14057 |
| 095000-063X | 12063 * | 14063 |
| 095000-064X | 12064 * | 14064 |
| 095000-074X | 12074 * | 14074 |
| 095000-075X | 12075 * | 14075 |
| 095000-077X | 12077 * | 14077 |
| 095000-088X | 12088 * | 14088 |
| 095000-094X | 12094 * | 14094 |
| 095000-095X | 12095 * | 14095 |
| 095000-505X | 12505 | - |
| 095000-508X | 12508 | 14508 |
| 095000-512X | 12512 | 14512 |
| 095000-513X | 12513 | 14513 |
| 095000-521X | 12521 | 14521 |
| 095000-522X | 12522 | 14522 |
| 095000-534X | 12534 | 14534 |
| 095000-544X | 12544 | 14544 |
| 095000-547X | 12547 | 14547 |
| 095000-548X | 12548 | 14548 |
| 095000-551X | 12551 | 14551 |
| 095000-555X | 12555 | 14555 |

| Injector No. | Control Valve Seven Code | Plunger Seven Code |
|--------------|--------------------------|--------------------|
| 095000-560X | 12560 | 14560 |
| 095000-565X | 12565 | 14565 |
| 095000-576X | 12576 | 14576 |
| 095000-578X | 12578 | 14578 |
| 095000-580X | 12580 | 14580 |
| 095000-592X | 12592 | 14592 |
| 095000-593X | 12593 | 14593 |
| 095000-602X | 12602 | 14602 |
| 095000-604X | 12604 | - |
| 095000-613X | 12613 | 14613 |
| 095000-623X | 12623 | 14623 |
| 095000-624X | 12624 | 14624 |
| 095000-625X | 12625 | 14625 |
| 095000-631X | 12631 | 14631 |
| 095000-632X | 12632 | - |
| 095000-635X | 12635 | 14635 |
| 095000-641X | 12641 | - |
| 095000-649X | 12649 | - |
| 095000-650X | 12650 | 14650 |
| 095000-652X | 12652 | - |
| 095000-659X | 12659 | - |
| 095000-670X | 12670 | - |
| 095000-676X | 12676 | 14676 |
| 095000-679X | 12679 | 14679 |
| 095000-691X | 12691 | 14691 |
| 095000-697X | 12697 | 14697 |
| 095000-698X | 12698 | 14698 |

* Double control valves



CONTROL VALVES AND PLUNGERS



| Injector No. | Control Valve Seven Code | Plunger Seven Code |
|--------------|--------------------------|--------------------|
| 095000-699X | 12699 | 14699 |
| 095000-703X | 12703 | 14703 |
| 095000-706X | 12706 | 14706 |
| 095000-728X | 12728 | 14728 |
| 095000-733X | 12733 | 14733 |
| 095000-739X | 12739 | 14739 |
| 095000-741X | 12741 | 14741 |
| 095000-753X | 12753 | 14753 |
| 095000-754X | 12754 | 14754 |
| 095000-763X | 12763 | 14763 |
| 095000-764X | 12764 | 14764 |
| 095000-766X | 12766 | 14766 |
| 095000-768X | 12768 | 14768 |
| 095000-769X | 12769 | 14769 |
| 095000-771X | 12771 | 14771 |
| 095000-772X | 12772 | 14772 |
| 095000-773X | 12773 | - |

| Injector No. | Control Valve Seven Code | Plunger Seven Code |
|--------------|--------------------------|--------------------|
| 095000-775X | 12775 | 14775 |
| 095000-776X | 12776 | 14776 |
| 095000-778X | 12778 | 14778 |
| 095000-779X | 12779 | 14779 |
| 095000-780X | 12780 | 14780 |
| 095000-789X | 12789 | 14789 |
| 095000-801X | 12801 | 14801 |
| 095000-822X | 12822 | 14822 |
| 095000-829X | 12829 | - |
| 095000-831X | 12831 | - |
| 095000-837X | 12837 | - |
| 095000-890X | 12890 | 14890 |
| 095000-956X | 12956 | 14956 |
| 095000-977X | 12977 | - |
| 295050-020X | 12G20 | - |
| 295050-046X | 12G46 | - |
| 295050-081X | 12G81 | - |



INJECTORS SPARE PARTS



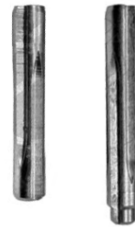
33700
Butterfly Shutter



33701
Hemisphere 2mm



33702
Injector Filter



337021 Bar Filter 27mm
337022 Bar Filter 30mm



33703
Kit with Joint (2 ways)
+ Washer + Clip + O-rings



33704
Kit with Joint (1 way)
+ Washer + Clip + O-rings



33705
Nut



33706
Shutter with hemisphere



33707
Nut



33715
Valve G4S
Toyota/Isuzu
23670-0E010/020
8-98399618-0



33716
Valve G4S
Toyota
23670-0E060/070



33717
Valve G4S
Hyundai
33800-4A900/
4C940/4A950



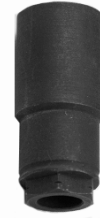
33730
Ø 17 – L. 33,5 – M15
Min 25 pcs



33731
Ø 19 – L. 41,5 – M17
Min 25 pcs



33732
Ø 19 – L. 42 – M17
Min 25 pcs



33733
Ø 19 – L. 42 – M17
Min 25 pcs



INJECTORS SPARE PARTS



33734
 Ø 19 – L. 42,5 – M17
 Min 25 pcs



33735
 Ø 19 – L. 43 – M17
 Min 25 pcs



33736
 Ø 21 – L. 43,3 – M19
 Min 25 pcs



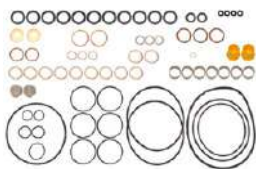
33737
 Ø 21,3 – L. 46,8 – M19
 Min 25 pcs



33738
 Ø 21,2 – L. 47,75 –
 M18
 Min 25 pcs



PUMPS SPARE PARTS



33290
 094040-0010
 for HP0 pump
 (Mitsubishi)



33295
 094040-0030
 for HP0 pump
 (John Deere series 20)



33601
 097490-0010
 for HP2 pump
 (Toyota)



33650
 294009-0030/31
 for HP3 pump
 (Nissan)



PUMPS SPARE PARTS



33651
294009-0032
for HP3 pump



33660
294009-0050/52
for HP4 pump
(John Deere series 30)



33663
294009-0080
for HP3 pump
(Mitsubishi and
Toyota)



33665
294009-0110
for HP3 pump
(Citroen, FIAT, Ford,
Opel and Peugeot)



33667
For HP5 pump
Pump ref. 2360020-
AAA = 31405129 (Volvo)



SCV0120
096710-0120 (RED)
for HP2 pump



SCV0130
096710-0130 (GREEN)
for HP2 pump



SCV0040
294200-0040
for HP3 pump



SCV0190
294200-0190
for HP4 pump



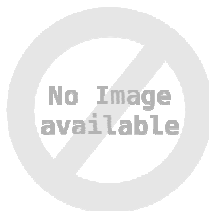
SCV0300
294200-0300
for HP3 pump



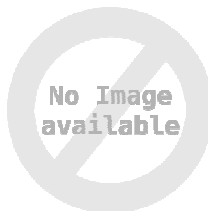
SCV0360
294200-0360
for HP3 pump



SCV0370
294200-0370
for HP3 pump



SCV0380
294200-0380
for HP4 pump



SCV0460
294200-0460
for HP3 pump



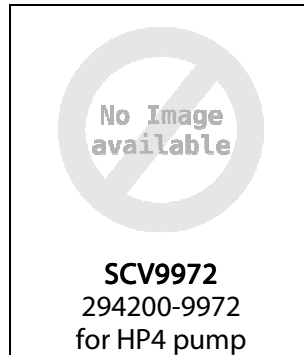
SCV0650
294200-0650
for HP3 pump



SCV0660
294200-0660
for HP3 pump



PUMPS SPARE PARTS



| SCV APPLICATION CHART | | |
|----------------------------------|---|-----------------------------|
| SCV0120 SCV0130 | 097300-0018 / 0041 / 0071 / 0090 | |
| SCV0040 | 294000-0019 / 0065 / 0102 / 0119 / 0173 / 0356 / 0369 / 0435 / 0440 / 0544 / 0552 / 0700 / 0850 / 0890 / 0900 / 0910 / 0920 / 1040 / 1100 / 1310 / 1320 / 1510 | |
| SCV0190 | 294050-0081 / 0091 / 0113 / 0133 / 0160 / 0194 / 0211 | Hino Isuzu Mitsubishi |
| SCV0300 | 294000-0306 / 0316 / 0356 / 0369 / 0380 / 0435 / 0440 / 0544 / 0840 / 0860 / 0870 / 1040 | Toyota |
| SCV0360 | 294000-0237 / 0334 / 0342 / 0404 / 0412 / 0424 / 0503 / 0532 / 0562 / 0581 / 0621 / 0640 / 0654 / 0662 / 0690 / 0751 / 0763 / 0770 / 0782 / 0952 / 1010 / 1240 / 1250 | |
| SCV0370 | 294000-0460 / 0462 / 0490 / 0493 / 0570 / 0571 / 0573 / 0610 / 0612 / 0680 / 0681 / 1290 | |
| SCV0380 | 294050-0060 | John Deere |
| SCV0460 | 294000-0621 | Mazda |
| SCV0650 | 294000-0030 / 0038 / 0039 / 0186 / 0196 / 0200 / 0205 / 0206 / 0294 / 0612 / 0673 / 0732 / 0822 / 0832 / 1150 / 1330 / 1390 / 1430 | |
| SCV0670 | 294050-0036 / 0042 / 0071 / 0091 / 0105 / 0133 / 0160 / 0194 / 0203 / 0211 / 0223 / 0291 / 0430 / 0460 / 0500 / 0520 | Mitsubishi |
| SCV2750 | 294000-1130 / 1140 / 1190 / 1200 | Isuzu Mitsubishi |
| SCV2760 | 294000-1122 / 1180 / 1210 / 1220 / 1360 / 1370 / 1400 | |
| SCV2960 | 294000-1700 | Mitsubishi |
| SCV3640 | 294000-0594 | Hino Toyota |
| SCV9972 | 294050-0420 | Isuzu |



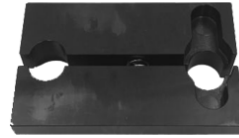
TOOLS



10100
Injector Disassembly
Spanner for 3 pin ring
nut for Denso CR



10101
Wrench set to
unlock/lock the 3 pin
ring nut
for Denso CR



10102
Universal adapter for
fixing Denso CR
injectors

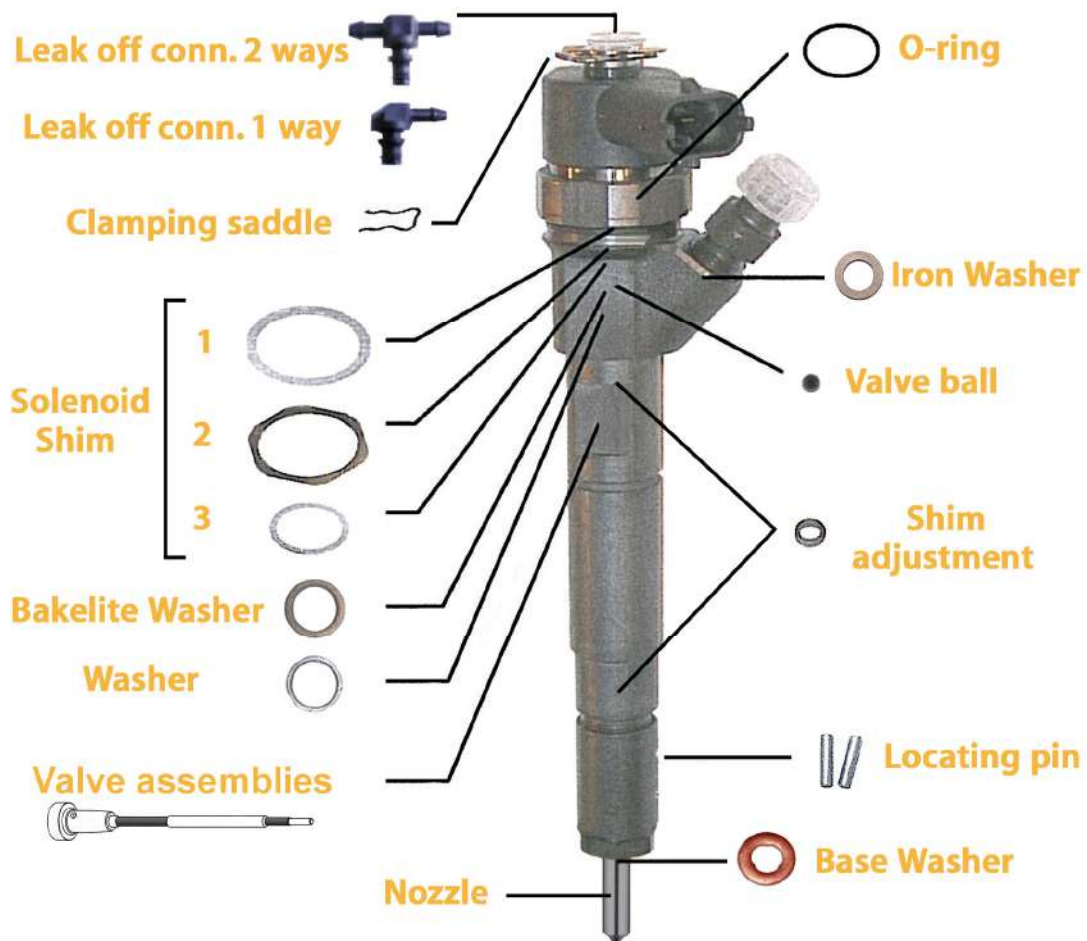


10103
Wrench to
unlock/lock nozzle
nut. Hexagonal int 14
mm / ext 27 mm



10104
Wrench to
unlock/lock coil nut.
Size: 27mm - 6 Points

PRODUCT UPDATE – March 2009 (last update 14.01.2025)



Nozzles and spare parts for BOSCH® COMMON RAIL INJECTORS AND PUMPS for traditional and multijet systems

We actually have in our line **more than 100 nozzles** suitable for **Bosch® Common Rail systems** and we are now ready to offer also a wide range of spare parts for repairing injectors. **Common Rail is the present and the future** and will also break through in the emerging markets in Asia as a result of increasingly strict emissions standards. Modern Common Rail diesel engines use up to 30 per cent less fuel while emitting up to 25 per cent less carbon dioxide (CO₂).

Check out in next pages our Common Rail products.



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|------------|----------------|--------------|--|---|
| 718962 | DLLA155P 822 | 0433 171 562 | 0445 120 003 0445 120 004 | Renault Premium |
| 718970 | DLLA156P 889/ | 0433 171 594 | 0445 110 034 0445 110 035 | Mercedes E320, S320, Sprinter, Vito, V200 and V220 |
| 718974 | DLLA145P 926 | | | See 718975 |
| 718975 | DLLA145P 926+ | 0433 171 616 | 0445 110 047 0445 110 266 | BMW 330, 530, 730 and X5 and Range Rover III |
| 7190038 | DLLA150P1011/ | 0433 171 654 | 0445 110 064 0445 110 101 0445 110 731 0445 110 764 | Hyundai Accent, Elantra, Matrix, Santa Fe and Trajet KIA Carens II and XTREK |
| 7190069 | DLLA144P 1050 | 0433 171 681 | 0445 120 012 0445 120 013 | Renault Midlum and Premium |
| 719007 | DLLA140P 1051 | 0433 171 682 | 0445 120 016 0445 120 017 | Renault Midlum |
| 7190098 | DLLA160P 1063+ | 0433 171 690 | 0445 110 080 0445 110 122 0445 110 131 | BMW 320, 330, 530, 730 and X5 |
| 719010 | DLLA148P 1067 | 0433 171 693 | 0445 110 081 0445 110 231 0445 110 336 0445 110 337 | Agrale-Deutz Furgovan and Marrua, Chevrolet Blazer and S10, Marco Polo Volare V5 and V6, Nissan Frontier and XTerra, Volkswagen LT 28, 35, 46 |
| 7190102 | DLLA143P 1069 | 0433 171 695 | 0445 110 084 | Renault Avantime, Espace IV, Laguna II and Vel Satis |
| 719011 | DLLA150P 1076 | 0433 171 699 | 0445 120 019 0445 120 020 0445 120 084 | Renault Kerax and Premium |
| 7190141 | DLLA156P 1107+ | 0433 171 712 | 0445 110 095 0445 110 096 0445 110 120 0445 110 121 0445 110 201 0445 110 202 | Mercedes E320, S320, C200, C220, C270, CLK270, E200, E220 and E270 CDI, Sprinter, V200, V220 and Vito |
| 719016 | DLLA156P 1114 | 0433 171 719 | 0445 110 091 0445 110 092 0445 110 306 | Hyundai H-1 and Starex CRDi KIA Sorento CRDi |
| 719021 | DLLA150P 1197/ | 0433 171 755 | 0445 110 126 0445 110 290 0445 110 729 | Hyundai Santa Fe CRDi-VGT |
| 719024 | DLLA148P 1221 | 0433 171 771 | 0445 110 111 | Alfa Romeo 147, 156, 166 and GT JTD, FIAT Stilo JTD and Lancia Thesis JTD |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|-------------|-----------------|--------------|--|--|
| 7190244 | DLLA150P 1224 | 0433 171 774 | 0445 110 083 | FIAT Albea, Doblò, Idea, Palio, Panda and Punto, Lancia Musa and Ypsilon, Opel Agila, Combo, Corsa, Meriva and Tigra, Suzuki Ignis, Swift and Wagon R+ |
| 719026 | DLLA153P 1246++ | 0433 171 788 | 0445 110 137 0445 110 138 0445 110 162 0445 110 163 0445 110 191 0445 110 192 | Mercedes Sprinter 316, 416 CDI, Vito and Viano CDI |
| 7190291 | DLLA153P 1270 | 0433 171 800 | 0445 110 155 0445 110 156 0445 110 176 0445 110 177 0445 110 193 0445 110 194 | Mercedes C200, C220, CLC, CLK, E200, E220, E270, E320 and S320 |
| 719035 | DLLA160P 1308 | 0433 171 817 | 0445 110 161 0445 110 216 | BMW 120, 320, 330, 520, 530, X3 and X5 |
| 7190353 | DLLA148P 1312 | 0433 171 819 | 0445 110 168 0445 110 880 | Nissan and Renault Mascott and Master II |
| 719036 | DLLA148P 1334 | 0433 171 828 | 0445 110 175 | Opel Astra 1.7 CDTi |
| 719038 | DLLA146P 1339++ | 0433 171 831 | 0445 120 030 0445 120 218 | MAN Lion's Coach, TGA and TGS |
| 7190386 | DLLA148P 1347 | 0433 171 838 | 0445 110 159 0445 110 243 0445 110 391 | Alfa Romeo 147, 156 and GT FIAT Bravo, Croma and Stilo Opel Astra, Signum, Vectra, Zafira and SAAB 9-3 and 9-5 |
| 7190394 | DLLA142P 1363 | 0433 171 846 | 0445 110 187 | FIAT Doblò and Idea and Lancia Musa |
| 7190399 | DLLA156P 1367 | 0433 171 847 | 0445 110 185 0445 110 283 0445 110 762 | Hyundai Porter II |
| 71904 | DLLA156P 1368 | 0433 171 848 | 0445 110 186 0445 110 279 0445 110 730 0445 110 763 | Hyundai H-1, Libero and Starex and KIA Sorento |
| 719041 | DLLA156P 1368/ | | | See 71904 |
| 719042 • | DLLA150P 1373 | 0433 171 853 | 0445 110 188 | Citroen C4, C5 and Xsara Picasso, Ford Focus and Fusion, Mazda 3 Peugeot 206, 307 and 407 Volvo C30, S40 and V50 |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|-----------------------|-----------------|--------------|--|--|
| 719043 | DLLA140P 1377/ | 0433 171 855 | 0445 120 036 | IVECO Daily |
| 719044 | DLLA158P 1385 | 0433 171 860 | 0445 120 027 | Chevrolet Silverado 3500 and GMC Sierra 2500 |
| 71905 | DLLA143P 1404 | 0433 171 870 | 0445 120 043 | Agrale 8500, 9200, W8, W9, MA and Volkswagen Worker |
| 719050 | DLLA146P 1405/ | 0433 171 871 | 0445 120 040 | Daewoo |
| 719051 | DLLA144P 1417 | 0433 171 878 | 0445 120 044 | MAN TGA |
| 7190511 | DLLA154P 1418 | 0433 171 879 | 0445 120 045 | MAN Lion's City, NL243F, NL283F, TGA, TGL, TGM |
| 7190513 •• | DLLA157P 1424 | 0433 171 886 | 0445 120 048 | Fuso |
| 7190514 •• | DLLA157P 1425 | 0433 171 887 | 0445 120 049 | Fuso Canter 4.9L |
| 7190550 | DLLA149P 1471/ | 0433 171 914 | 0445 110 239 0445 110 311 | Citroen Berlino, C3, C4, Jumpy and Xsara, FIAT Scudo, Ford Fiesta, Focus, Fusion and C-MAX, Mazda 2 and 3, Peugeot 207, 307, Expert and Partner and Suzuki SX4 |
| 7190551 | DLLA155P 1493 | 0433 171 921 | 0445 110 250 | Mazda BT50 2.5L |
| 719055124 | DLLA155P 1514 | 0433 171 935 | 0445 110 249 | Mazda BT50 3.0L |
| 719055125 | DLLA149P 1515/ | 0433 171 936 | 0445 110 259 0445 110 281 0445 110 297 | Citroen C3, C4, C5 and XSara, Ford C-Max and Focus, Mazda 3, MINI One D and Cooper D, Peugeot 206, 207, 307, 308 and 407 and Volvo C30, S80 and V70 |
| 719055127 | DLLA148P 1524++ | 0433 171 939 | 0445 120 061 0445 120 128 0445 120 217 0445 120 274 | MAN TGA, TGS, TGX, SU, NL, NG, Lion's City, Lion's Regio and Lion's Coach |
| 719055129 | DLLA143P 1532 | 0433 171 944 | 0445 110 252 | Citroen C2, C3 and NEMO Peugeot 206, 207 and Bipper |
| 71905516 | DLLA143P 1536 | 0433 171 947 | 0445 120 054 | Case 580, 590 and 695, Irisbus Proway, Iveco 170, 240, 260, EuroCargo, EuroMidi, Vertis and New Holland B100, B110 and B115 |
| 71905519 | DLLA144P 1539 | 0433 171 949 | 0445 120 070 0445 120 241 | Cummins 8.9L for Jinlong and Dongfeng buses and Kamaz 6520 |
| 71905521 •• | DLLA146P 1545 | 0433 171 953 | 0445 120 050 0445 120 185 | RAM 3500 6.7L Pickup |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|------------------------|----------------|--------------|--|--|
| 719055229 •• | DLLA150P 1564 | 0433 171 963 | 0445 120 064 0445 120 136 0445 120 137 | Deutz, Renault Midlum, Premium and Volvo FE |
| 71905523 | DLLA144P 1565 | 0433 171 964 | 0445 120 066 | KHD engine for Volvo excavator |
| 71905524 •• | DLLA150P 1566 | 0433 171 965 | 0445 120 074 0445 120 138 0445 120 139 | Renault Midlum II, Premium II and Volvo B7R Urbano |
| 71905525 • | DLLA137P 1577 | 0433 171 966 | 0445 120 075 0445 120 638 | Case 4.5L and 6.7L, Case IH Puma, Maxxum, Patriot and New Holland |
| 71905526 | DLLA146P 1581 | 0433 171 968 | 0445 120 067 | KHD engine for Volvo excavator |
| 71905528 | DLLA142P 1595 | 0433 171 974 | 0445 110 273 0445 110 435 | Citroen Jumper, FIAT Ducato, Iveco Daily, Peugeot Boxer and UAZ Patriot |
| 71905534 | DLLA153P 1608 | 0433 171 982 | 0445 110 274 0445 110 275 0445 110 724 | Dodge H100, Hyundai H-1 2.5 CRDi and Starex and KIA Sorento |
| 71905535 | DLLA146P 1610 | 0433 171 984 | 0445 120 080 | |
| 71905539 | DLLA143P 1619 | 0433 171 988 | 0445 120 089 | MWM Diesel, Volvo VM, Volkswagen Constellation |
| 7190554 | DLLA150P 1622 | 0433 171 991 | | FAW J6 and Golden Dragon GDR1 |
| 7190556 | DLLA145P 1647 | 0433 172 010 | | VM Motori |
| 7190558 | DLLA142P 1654 | 0433 172 015 | | WDEW Weichai Power Co. FOTON Auman 9.7D and Shanqi Delong 9.7D |
| 7190559 | DLLA145P 1655 | 0433 172 016 | | Weichai, CNHTC, Shanqi, JAC, FOTON |
| 719056 | DLLA151P 1656 | 0433 172 017 | | FAW |
| 7190562 •• | DLLA148P 1660 | 0433 172 019 | 0445 110 299 0445 110 308 0445 110 327 | Alfa Romeo 159, Brera, Giulietta, Spider, Chevrolet Malibu, FIAT Bravo, Doblò, Sedici, Lancia Delta, Opel Astra, Combo, Cascada, Insigna, Zafira, SAAB 9-3 |
| 7190563 •• | DLLA152P 1661+ | 0433 172 020 | 0445 110 300 | Alfa Romeo MiTo, FIAT Bravo, Doblò, Grande Punto, Idea, Linea and Punto Evo, Lancia Delta and Musa, Opel Combo |
| 7190566 | DLLA150P 1666 | 0433 172 022 | | Great Wall |
| 7190568 | DLLA82P 1668 | 0433 172 024 | | JMC |
| 719057 | DLLA155P 1674 | 0433 172 026 | | BAW Fenix 3.2 FAW LD Truck 3TCK |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|----------------|---------------|--------------|--|---|
| 7190575 •• | DLLA152P 1681 | 0433 172 029 | 0445 110 310 | Mahindra Maxximo and Scorpio |
| 7190578 | DLLA145P 1686 | 0433 172 033 | | Weichai WP6 (or Deutz 226B) |
| 719058 | DLLA148P 1688 | 0433 172 034 | | Yuchai |
| 7190582 | DLLA152P 1690 | 0433 172 036 | | King Long |
| 7190583 | DLLA118P 1691 | 0433 172 037 | | Ford Cargo and Volkswagen Constellation |
| 71905836 | DLLA143P 1696 | 0433 172 039 | | Weichai WEC2 11.6L Eu3 |
| 71905837 | DLLA118P 1697 | 0433 171 984 | 0445 120 125 | Cummins |
| 71905838 •• | DLLA147P 1702 | 0433 172 044 | 0445 110 313 0445 110 445 0445 110 446 | Changfeng and Foton |
| 7190586 • | DLLA144P 1707 | 0433 172 045 | 0445 120 122 | Dongfeng DFL/DFZ ISLe375 8.9L |
| 7190584 | DLLA142P 1709 | 0433 172 047 | 0445 120 121 | Dongfeng Prima 3138 K 8.9L |
| 71905849 •• | DLLA139P 1711 | 0433 172 048 | 0445 110 298 | Volvo C70, S80, V70, XC60, XC70 |
| 7190585 | DLLA150P 1712 | 0433 172 049 | 0445 120 117 | FAW J6 12.4L |
| 71905852 •• | DLLA145P 1714 | 0433 172 051 | 0445 120 133 | Cummins |
| 7190587 | DLLA145P 1720 | 0433 172 055 | | |
| 7190588 | DLLA153P 1721 | 0433 172 056 | | Dongfeng |
| 719059 | DLLA146P 1724 | 0433 172 058 | | Weichai |
| 7190591 | DLLA146P 1725 | 0433 172 059 | | Weichai |
| 7190592 •• | DLLA148P 1726 | 0433 172 060 | 0445 120 105 | MAN D0836 |
| 7190595 | DLLA150P 1734 | 0433 172 061 | 0445 110 322 | Lancia Ypsilon |
| 7190596 •• | DLLA145P 1738 | 0445 110 321 | 0433 172 062 | Land Wind 2.5D |
| 7190597 | DLLA147P 1740 | 0433 172 064 | 0445 120 143 0445 120 180 | Case IH |
| 7190598 •• | DLLA150P 1744 | 0433 172 067 | 0445 110 326 0445 110 425 0445 110 450 | Chevrolet Aveo, Beat, Enjoy, Sail, Opel Astra, Corsa and Meriva |
| 719060 | DLLA152P 1768 | 0433 172 078 | | Weichai |
| 7190611 | DLLA150P 1781 | 0433 172 088 | | Weichai |
| 7190613 •• | DLLA149P 1787 | 0433 172 091 | 0445 120 142 | YAMZ |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|----------------|---------------|--------------|------------------------------|---|
| 7190614 •• | DLLA145P 1794 | 0433 172 093 | 0445 120 157 | IVECO Crossway, Magelys, Stralis, Trakker and Urbanway, New Holland CR, FR, T8 and T9, Case 1021, 1121, AF6130, AF7130 and AF7230 |
| 7190615 | DLLA154P 1795 | 0433 172 094 | 0445 120 147 | MAN Lion's City, NL, NM, SU, TGL and TGM |
| 7190629 •• | DLLA147P 1814 | 0433 172 107 | 0445 120 153 | Kamaz 5460, 5480 and 62115 all 11.8L |
| 719063 | DLLA148P 1815 | 0433 172 108 | 0445 120 156 0445 120 290 | Yuchai YCL_EU3 8.4L |
| 7190634 | DLLA152P 1819 | 0433 172 111 | 0445 120 170 0445 120 224 | Weichai |
| 7190637 | DLLA150P 1827 | 0433 172 115 | 0445 120 164 0445 120 293 | Yuchai 6JA Eu3 |
| 7190638 | DLLA150P 1828 | 0433 172 116 | 0445 120 163 0445 120 226 | Yuchai 6G Eu3 |
| 71906387 | DLLA153P 1831 | 0433 172 119 | 0445 120 186 0445 120 308 | MAN TGL and TGM and Volkswagen Constellation |
| 7190639 | DLLA152P 1832 | 0433 172 120 | 0445 120 162 0445 120 307 | MAN NM, Lion's City, Lion's Intercity, TGL and TGM and Volkswagen 15, 17, Constellation and Worker |
| 7190641 •• | DLLA150P 2118 | 0433 172 118 | 0445 110 338 | Opel Vivaro, Renault Trafic II |
| 7190643 • | DLLA150P 2123 | 0433 172 123 | 0445 120 291 0445 120 438 | Yuchai XCM4 QY8B.5 4.3L |
| 71906435 •• | DLLA151P 2128 | 0433 172 128 | 0445 110 362 0445 110 363 | JMC Lightruck 2.8L |
| 71906436 •• | DLLA148P 2129 | 0433 172 129 | 0445 110 364 0445 110 365 | Dongfeng DFL110 Pickup 2.8L |
| 7090644 | DLLA145P 2135 | 0433 172 135 | 0445 110 354 | Chevrolet S10 2.8L and Trailblazer 2.8L |
| 71906441 •• | DLLA155P 2136 | 0433 172 136 | 0445 110 339 | Citroen C3, DS3, Ford Fiesta, Peugeot 2008, 206+, 207, 207+, 208 |
| 71906442 •• | DLLA152P 2137 | 0433 172 137 | 0445 110 340 0445 110 379 | Citroen Berlingo, C-Elysee, C3, C4, DS3 and Jumpy, Ford Fiesta, FIAT Scudo, Peugeot 2008, 207, 208, 301, 308, Expert and Partner |
| 71906448 •• | DLLA150P 2143 | 0433 172 143 | 0445 120 191 0445 120 260 | Weichai |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|----------------|----------------|--------------|--|--|
| 71906449 •• | DLLA145P 2144 | 0433 172 144 | 0445 120 187 0445 120 336 0445 120 366 0445 120 414 0445 120 417 | Cummins Engine QSB 6.7L |
| 7190645 • | DLLA146P 2145 | 0433 172 145 | 0445 120 050 0445 120 185 0445 120 193 | Dodge RAM 3500 6.7L |
| 71906456 • | DLLA141P 2146 | 0433 172 146 | 0445 120 134 | Cummins CUM142, Foton Aumark 3.8L and GAZ Valday |
| 71906457 •• | DLLA150P 2147 | 0433 172 147 | 0445 110 375 0445 110 634 | Opel Movano 2.3L and Vivaro 2.0L and Renault Master 2.3L |
| 719064573 | DLLA145P 2150 | 0433 172 150 | 0445 120 177 | Cummins 4.5L, 5.9L and 6.7L |
| 71906458 •• | DLLA150P 2153 | 0433 172 153 | 0445 120 178 | YMZ 4.4L and 6.7L |
| 71906459 •• | DLLA150P 2154 | 0433 172 154 | 0445 120 192 | Foton Aolin 4.0L |
| 7190646 | DLLA143P 2155 | 0433 172 155 | 0445 120 071 0445 120 161 0445 120 184 0445 120 204 | Cummins 4.5L and 5.9L, Ford Cargo C 4.5L, Dodge RAM 3500 6.7L and 4500 6.7L and Tata Prima 4928S 6.7L |
| 7090647 •• | DLLA148P 2158 | 0433 172 158 | 0445 120 202 | MAN Lion's Coach, TGS and TGX |
| 7190648 • | DLLA162P 2160+ | 0433 172 160 | 0445 110 368 0445 110 369 0445 110 429 0445 110 646 | Audi A1, A3, A4, A5, A6, Q3, Q5 and TT, Seat Alhambra, Altea, Exeo, Ibiza and Leon, Skoda Octavia, Super and Yeti, Volkswagen Amarok, Beetle, CC, Caddy, Crafter, EOS, Golf VI, Jetta, Passat, Scirocco, Sharan, Tiguan and Touran |
| 7190649 • | DLLA146P 2161 | 0433 172 161 | 0445 120 199 | Cummins |
| 719065 • | DLLA149P 2166 | 0433 172 166 | 0445 120 215 0445 120 394 | FAW J6 11L |
| 7190652 • | DLLA145P 2168 | 0433 172 168 | 0445 110 376 0445 110 594 | Agrale Marrua 2.8L, Ford F350 2.8L and F4000 2.8L, Marco Polo Cinco 2.8L, GAZ GAZelle and Sobol, JAC T140 |
| 71906525 •• | DLLA160P 2176 | 0433 172 176 | 0445 110 382 0445 110 478 0445 110 595 0445 110 616 0445 110 617 | BMW 120, 320, 330, 420, 430, 518, 520, 530, 730, X1, X3, X4, X5 and X6 |
| 71906531 •• | DLLA151P 2182 | 0433 172 182 | 0445 120 227 0445 120 228 | Weichai |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|----------------|----------------|--------------|------------------------------|---|
| 7190654 | DLLA120P 2185 | 0433 172 185 | | |
| 71906543 •• | DLLA153P 2189 | 0433 172 189 | 0445 120 232 0445 120 309 | Dongfeng |
| 71906546 •• | DLLA150P 2197 | 0433 172 197 | 0445 120 247 0445 120 395 | FAW |
| 7190655 | DLLA128P 2201 | 0433 172 201 | 0445 120 237 | Case MX 335 with Cummins engine |
| 7190656 • | DLLA118P 2203 | 0433 172 203 | 0445 120 236 | Cummins 6.7L |
| 7190657 •• | DLLA153P 2210 | 0433 172 210 | 0445 120 261 | Weichai |
| 7190658 • | DLLA146P 2213 | 0433 172 213 | 0445 120 257 | Ford Cargo C and Volkswagen Constellation |
| 7190659 •• | DLLA152P 2217 | 0433 172 217 | 0445 120 262 0445 120 396 | FAW |
| 71906592 •• | DLLA150P 2219 | 0433 172 219 | 0445 120 263 | FAW |
| 719066 • | DLLA148P 2221 | 0433 172 221 | 0445 120 265 | Weichai WP12 Eu4 |
| 7190660 •• | DLLA148P 2222 | 0433 172 222 | 0445 120 266 | Weichai |
| 7190661 • | DLLA139P 2229 | 0433 172 229 | 0445 110 418 0445 110 520 | Citroen Jumper, FIAT Ducato, Iveco Daily and Peugeot Boxer |
| 71906614 •• | DLLA149P 2239 | 0433 172 239 | 0445 110 420 | Chery |
| 71906615 •• | DLLA151P 2240 | 0433 172 240 | 0445 120 277 0445 120 397 | FAW J6 11L D |
| 71906617 •• | DLLA138P 2246 | 0433 172 246 | 0445 110 421 0445 110 422 | Iveco |
| 71906619 •• | DLLA148P 2254 | 0433 172 254 | 0445 110 430 | Jeep Grand Cherokee 3.0L |
| 7190662 • | DLLA150P 2259 | 0433 172 259 | 0445 120 225 0445 120 439 | Yuchai V7 5.2L |
| 7190663 • | DLLA142P 2262 | 0433 172 262 | 0445 120 289 | Cummins ISDe |
| 7190664 | DLLA145P 2270 | 0433 172 270 | 0445 120 297 0445 120 416 | Agrale Deutz, Daewoo Lestar, Mercedes LO815, Sunlong Bus SLK6875, Foton Aumark, JAC HFC and Yuejin NJ1317-NJ914 |
| 7190665 • | DLLA144P 2273 | 0433 172 273 | 0445 120 304 | Cummins ISLe Eu3 |
| 7190666 | DLLA163P 2291+ | | | Audi, Seat, Skoda and Volkswagen |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|-----------------|----------------|--------------|------------------------------|---|
| 7190668 •• | DLLA154P 2302 | 0433 172 302 | 0445 110 485 | Dacia Dokker, Duster, Lodgy, Logan and Sandero, Nissan Evalia, Kubistar, Micra, NP200, NV200 and Note, Renault Captur, Clio IV and Symbol |
| 71906684 •• | DLLA155P 2307 | 0433 172 307 | 0445 110 489 | Ford B-Max, C-Max, Fiesta, Focus, Ka+, Kuga, Mondeo, Tourneo, Transit, Grand C-Max |
| 7190669 •• | DLLA150P 2339 | 0433 172 339 | 0445 110 511 | Iveco |
| 71906692 •• | DLLA152P 2344 | 0433 172 344 | 0445 120 343 | Weichai |
| 71906693 •• | DLLA138P 2355 | 0433 172 355 | | |
| 71906694 •• | DLLA148P 2369 | 0433 172 369 | 0445 120 321 | Sinotruck |
| 71906695 •• | DLLA146P 2370 | 0433 172 370 | 0445 120 342 | Dodge and RAM |
| 719066955 •• | DLLA160P 2380 | 0433 172 380 | 0445 110 546 | Nissan NV300, Qashqai, Xtrail, Renault Espace V, Kadjar, Koleos, Megane IV, Scenic III + IV, Grand Scenic III + IV, Talisman, Trafic III |
| 71906696 •• | DLLA150P 2386 | 0433 172 386 | 0445 120 357 | Sinotruck |
| 71906698 •• | DLLA145P 2397 | 0433 172 397 | 0445 120 361 | Iveco |
| 719066981 •• | DLLA160P 2398 | 0433 172 398 | 0445 110 569 | FIAT Talento, Opel Vivaro, Renault Espace, Grand Scenic, Megane, Scenic, Talisman and Trafic |
| 719066985 •• | DLLA155P 2400+ | 0433 172 400 | 0445 110 573 0445 110 574 | Mercedes Benz 114, 116 and 119 CDI, V200, V220 and V250 |
| 719066987 •• | DLLA150P 2432 | 0433 172 432 | 0445 110 614 | Alfa Romeo MiTo, Citroen Nemo, FIAT 500, Fiorino, Panda, Qubo, Lancia Ypsilon, Opel Combo and Peugeot Bipper |
| 71906699 •• | DLLA150P 2440 | 0433 172 440 | 0445 110 628 0445 110 629 | JMC |
| 7190674 •• | DLLA147P 2474 | 0433 172 474 | 0445 120 391 | CNHTC Howo Foton, JAC J4 and SEI 2, Foton AUV Bus, Auman, Aumark, Forland and Ollin |
| 719832 | DSLA156P 736 | 0433 175 163 | | Mercedes C200, C220, C270, CLK270, E200, E220, E270, V200, V220, Sprinter and Vito CDI |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|------------|----------------|--------------|------------------------------|---|
| 719833 | DSLA156P 737 | 0433 175 164 | | Mercedes A160 and A170 |
| 719835 | DSLA145P 763 | 0433 175 175 | | Alfa Romeo 145, 146, 156, and 166 JTD FIAT Brava, Bravo, Marea, Marengo and Multipla JTD Lancia Kappa and Lybra JTD |
| 719836 | DSLA145P 763+ | | | See 719835 |
| 719852 | DSLA142P 795 | 0433 175 196 | | Chevrolet Tracker Citroen Berlingo, Evasion, Jumpy, Xantia and Xsara HDi FIAT Scudo and Ulysse JTD Lancia Zeta JTD Peugeot 206, 306, 406, 806, Expert and Partner HDI Suzuki Grand Vitara Tdi |
| 7198544 | DSLA136P 804 | 0433 175 203 | | Citroen Jumper HDi, FIAT Ducato JTD, Iveco Cityclass, Daily and Scudato, Peugeot Boxer HDI, Renault Mascott 110, 130, 140 and 150 |
| 719855 | DSLA136P 804/ | 0433 175 203 | | See 7198544 |
| 719866 | DSLA140P 862+ | 0433 175 230 | | Nissan Primastar dCi Opel Movano and Vivaro CDTI/DTI, Renault Laguna I & II, Megane, Scenic, Traffic and Espace IV |
| 719868 | DSLA145P 864+ | 0433 175 232 | 0445 110 029 | BMW 530d and 730d |
| 719875 | DSLA143P 970 | 0433 175 271 | 0445 120 007 | Agrale-Deutz MA and MT E-tronic, Dongfeng King Long Ford Cargo C Electronic and F250, Iveco 65, 75, 80, 90, 100, 120, 130, 140, 150, 170, 180 and 320, New Holland T7060, Paz Pavlovo 3237 Volkswagen Constellation |
| 719876 | DSLA144P 971+ | 0433 175 272 | 0445 110 057 | Citroen C8, Evasion and Jumpy HDi, Peugeot 806, 807 and Expert HDi, Suzuki Grand Vitara |
| 719878 | DSLA144P 973+ | 0433 175 274 | | See 719941 |
| 719879 | DSLA158P 974+ | 0433 175 275 | 0445 120 008 | GMC and Isuzu |
| 7198939 | DSLA140P 1033/ | 0433 175 297 | 0445 120 011 | FIAT Ducato and Daily JTD |
| 719894 | DSLA154P 1034 | 0433 175 298 | 0445 110 069 0445 110 070 | Mercedes Sprinter, Vito, V200 and V220 |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|------------|-----------------|--------------|--|---|
| 719899 | DSLA146P 1055/ | 0433 175 308 | 0445 110 075 0445 110 135 | Citroen C2, C3 and Xsara Peugeot 206 and 307 |
| 71990 | DSLA143P 1058 | 0433 175 309 | 0445 120 018 0445 120 113 | Cummins |
| 71991 | DSLA156P 1079/+ | 0433 175 314 | 0445 110 054 0445 110 055 | Mercedes E200, E220, E270 CDI |
| 719914 | DSLA145P 1091 | 0433 175 318 | 0445 110 087 | Nissan Primastar and Interstar dCi, Opel Movano and Vivaro CDTI, Renault Master and Trafic DCI |
| 719930 | DSLA154P 1129/ | 0433 175 333 | | See 719956 |
| 719931 | DSLA140P 1131 | 0433 175 334 | 0445 110 109 0445 110 144 | Renault Kangoo, Megane and Scenic |
| 719941 | DSLA144P 1213 | 0433 175 363 | 0445 110 019 | FIAT Palio Weekend, Punto and Strada JTD |
| 719945 | DSLA153P 1242++ | 0433 175 366 | 0445 110 139 0445 110 140 0445 110 263 0445 110 264 0445 110 294 0445 110 295 | Mercedes Sprinter, Viano and Vito |
| 719951 | DSLA144P 1295 | 0433 175 386 | 0445 110 119 | Alfa Romeo 147, 156 and 166 JTD, FIAT Doblo, Marea, Marengo, Multipla and Stilo JTD, Lancia Lybra, Thesis JTD |
| 719954 | DSLA124P 1309 | 0433 175 390 | | See 719989 |
| 719956 | DSLA154P 1320 | 0433 175 395 | 0445 110 105 0045 110 106 0445 110 107 0445 110 108 0445 110 170 0445 110 171 0445 110 181 0445 110 182 0445 110 189 0445 110 190 | Jeep Grand Cherokee CRD Mercedes Sprinter, V200, V220 and Vito |
| 719980 | DSLA142P 1474 | 0433 175 431 | 0445 110 062 0445 110 076 0445 110 240 | Citroen C4, C5, Berlingo, Jumper, Jumpy and Xsara, FIAT Scudo and Ducato, Peugeot 206, 306, 307, 406, 607, Boxer, Expert, Partner |
| 719982 | DSLA128P 1510 | 0433 175 449 | | See 719996 |
| 719989 | DSLA124P 1659 | 0433 175 470 | 0445 120 032 0445 120 103 0445 120 114 | Cummins and Dodge |



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|---------------|---------------|--------------|--|--|
| 719993 | DSLA140P 1723 | 0433 175 481 | 0445 120 123 | Dongfeng Cummins Engine Company DCEC, Kamaz, KAvZ 4235 and 4238, Paz Pavlolo, Tata Marcopolo and Prima |
| 7199948 •• | DSLA143P 5499 | 0433 175 499 | 0445 120 210 | Cummins |
| 7199949 •• | DSLA124P 5500 | 0433 175 500 | 0445 120 208 | Cummins |
| 719995 | DSLA143P 5501 | 0433 175 501 | 0445 120 212 | Ford Cargo C and F250, New Holland TS 4.5L and 6.7L, Volkswagen 8.150, 9.150, Worker and Constellation |
| 719996 | DSLA128P 5510 | 0433 175 510 | 0445 120 059 0445 120 231 | Cummins 4.5L, 5.9L and 6.7L and Komatsu |
| 719997 | DSLA124P 5516 | 0433 175 516 | 0445 120 238 | Dodge 5.9L |
| 7199971 •• | DSLA143P 5517 | 0433 175 517 | 0445 120 060 0445 120 250 | DAF CF and LF and Dongfeng ISDE6 |
| 719998 | DSLA143P 5519 | 0433 175 519 | 0445 120 018 0445 120 113 0445 120 210 0445 120 255 | RAM 2500 and 3500 |



INJECTORS SPARE PARTS

| Common Rail Injector Parts Set | Seven Code | Description |
|--------------------------------|------------|--|
| | 17000 | with Bakelite Washer + Washer + O-ring + Iron washer + Valve ball (F00VC05001) |
| | 17002 | with Bakelite Washer + Washer + O-ring + Iron washer + Valve ball (F00VC05006) |
| | 17004 | with Bakelite Washer + Washer + O-ring + Iron washer + Valve ball (F00VC05008) |

| Valve Ball | Seven Code | Description |
|------------|------------|--|
| | 17010 | Steel - ø 1,34 mm - 50 pcs. Suitable for F00VC05001 |
| | 17011 | Ceramic - ø 1,34 mm - 50 pcs. Suitable for F00VC05002 |
| | 17012 | Ceramic - ø 1,50 mm - 50 pcs. Suitable for F00VC05006 |
| | 17014 | Ceramic - ø 1,34 mm - 50 pcs. Suitable for F00VC05008 |
| | 17015 | Ceramic - ø 1,50 mm - 50 pcs. Suitable for F00VC05009 |
| | 17016 | Steel - ø 1,50 mm - 50 pcs. Suitable for F00VC05010 |



Note: F00VC05002 = F00VC05008 and F00VC05006 = F00VC05009



INJECTORS SPARE PARTS



17033
F00V C21 001
Guide Ball



170331
F00V C21 002
Guide Ball



17034
F00V C22 003
Clamping saddle



17035
Tabs cap



17036
Leak off connector 1
way



17038
Leak off connector 2
ways



17040
F00V C17 503
15 x 7 x 1,5
(Min. 50 pcs)



17041
F00V C17 504
15 x 7 x 2
(Min. 50 pcs)



17042
F00V C17 505
15 x 7 x 2,5
(Min. 50 pcs)



17043
F00V C17 506
15 x 7 x 3
(Min. 50 pcs)



17100
F00V C01 200
For 0445 110 351/
398



17101
F00V C01 201
For 0445 110 418



17102
F00V C01 202
For 0445 110 419



17103
F00V C01 502
For 0445 110 369/
646/647/688/689



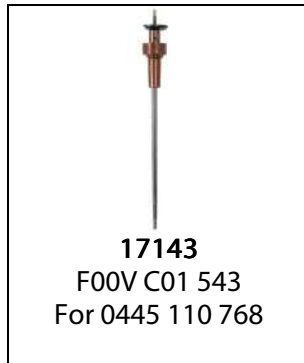
17104
F00V C01 503
For 0445 110 616/617



17105
F00V C01 504
For CRI2-20
0445 110 522



INJECTORS SPARE PARTS

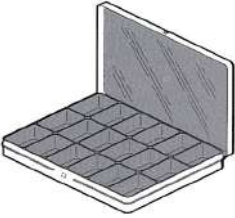




INJECTORS SPARE PARTS



CALIBRATION SHIMS AND WASHERS

| Description | | Seven Code | |
|--|------------------------|---|--------------|
|  | Base washer | Total pcs. 1032 - Total items 15 (2 items are the leak off connectors 17036 and 17038) | 17050 |
| | Shim adjustment | Set \varnothing 5,43 mm - Hole \varnothing 3,40 mm - Total items 240 pcs. - 24 shims size from 1,20 to 1,70 (cut 0,02) | 17060 |
| | Solenoid shim | Type 1: Set \varnothing 23,50 mm - Hole \varnothing 19,00 mm - Total items 110 pcs. - 11 shims size from 1,00 to 1,10 mm (cut 0,01) | 17070 |
| | | Type 2: Set \varnothing 22,00 mm - Hole \varnothing 19,00 mm - Total items 110 pcs. - 11 shims size from 1,00 to 1,10 mm (cut 0,01) | 17071 |
| Type 3: Set \varnothing 15,70 mm - Hole \varnothing 10,50 mm - Total items 110 pcs. - 11 shims size from 1,20 to 1,30 mm | | 17072 | |

Applications: Mercedes Sprinter, Citroen/Peugeot Hdi, FIAT Ulysse/Marea/Isuzu/VM, Ford Focus, Renault Dci/Peugeot Hdi, BMW/FIAT/SAAB 9.3, Renault Scenic, Iveco Eurocargo Tector, BMW 3.0d, Mazda 6, Citroen/Peugeot Hdi 1.4.



CRIN VALVE ASSEMBLIES

| Seven Code | Suitable for | Injector No. |
|---------------|--------------|--|
| 180005 | F00R J00 005 | 0445 120 002 |
| 180218 | F00R J00 218 | 0445 120 003/004 |
| 180339 | F00R J00 339 | 0445 120 007/018/032/079/103 |
| 180399 | F00R J00 399 | 0445 120 009/010/014/015/019/020/084/085 |
| 180420 | F00R J00 420 | 0445 120 011 |
| 180995 | F00R J00 995 | 0445 120 031 |
| 181159 | F00R J01 159 | 0445 120 024/027/044/045/053/055/056/068/105/154 |
| 181176 | F00R J01 176 | 0445 120 036/119 |
| 181218 | F00R J01 218 | 0445 120 030/061/100/274 |
| 181278 | F00R J01 278 | 0445 120 054 |
| 181428 | F00R J01 428 | 0445 120 048/049/090 |
| 181451 | F00R J01 451 | 0445 120 064/065/074/136/137/138/139 |
| 181479 | F00R J01 479 | 0445 120 066/067 |
| 181657 | F00R J01 657 | 0445 120 078/124/247/262/395/396 |
| 181683 | F00R J01 683 | 0445 120 080 |
| 181692 | F00R J01 692 | 0445 120 130/149/150/163/169/170/191/200/214/224/226/ 227/228 |
| 181714 | F00R J01 714 | 0445 120 050/071/161/177/184/185/187/188/193/204/267/ 269/332/336/342/356/384 |
| 181727 | F00R J01 727 | 0445 120 265/266 |
| 181819 | F00R J01 819 | 0445 120 157 |
| 181865 | F00R J01 865 | 0445 120 098/099/147/148 |
| 181895 | F00R J01 895 | 0445 120 012/013/016/017/043/077/089 |
| 181941 | F00R J01 941 | 0445 120 037/070/097/112/115/120/121/122/125/140/144 |
| 181945 | F00R J01 945 | 0445 120 046/113/114 |
| 182004 | F00R J02 004 | 0445 120 050/071/085/161/177/184/185/187/188/193/204/ 267/332/336/342/356/384 |
| 182005 | F00R J02 005 | 0445 120 008 |
| 182035 | F00R J02 035 | 0445 120 117/145/146/158/160/192/215/261/277/397 |
| 182044 | F00R J02 044 | 0445 120 143 |



CRIN VALVE ASSEMBLIES

| Seven Code | Suitable for | Injector No. |
|---------------|--------------|--|
| 182056 | F00R J02 056 | 0445 120 106/142/232/309 |
| 182073 | F00R J02 073 | 0445 120 128/131/196 |
| 182130 | F00R J02 130 | 0445 120 059/060/123/132/152/208/209/211/212/250 |
| 182246 | F00R J02 246 | 0445 120 073 |
| 182449 | F00R J02 449 | 0445 120 162/186/307/308 |
| 182266 | F00R J02 266 | 0445 120 126 |
| 182410 | F00R J02 410 | 0445 120 179/180/197/201/202/220/229 |
| 182454 | F00R J02 454 | 0445 120 025 |
| 182466 | F00R J02 466 | 0445 120 217/218/219 |
| 182806 | F00R J02 806 | 0445 120 156/164/290/291/293/304/438 |



CRI VALVE ASSEMBLIES

| Seven Code | Suitable for | Injector No. |
|------------|--------------|--|
| 191001 | F00V C01 001 | 0445 110 003/004/010/012/015/025/035/045/046/069/071/ 073/093/094 |
| 191003 | F00V C01 003 | 0445 110 008/020/044/062 |
| 191004 | F00V C01 004 | 0445 110 029 |
| 191007 | F00V C01 007 | 0445 110 022/023 |
| 191015 | F00V C01 015 | 0445 110 059 |
| 191022 | F00V C01 022 | 0445 110 084/087/102/141/184 |
| 191023 | F00V C01 023 | 0445 110 081/125/231/336/337 |
| 191033 | F00V C01 033 | 0445 110 091/092/185/186/279/283/306 |
| 191034 | F00V C01 034 | 0445 110 109/110/127/144/145/160/178 |
| 191036 | F00V C01 036 | 0445 110 111 |
| 191037 | F00V C01 037 | 0445 110 112/187 |
| 191038 | F00V C01 038 | 0445 110 083 |
| 191042 | F00V C01 042 | 0445 110 019 |
| 191043 | F00V C01 043 | 0445 110 047/266 |
| 191044 | F00V C01 044 | 0445 110 064/101/126/290 |
| 191045 | F00V C01 045 | 0445 110 095/099/100/104/106/107/120/121/151/152/ 170/171 |
| 191046 | F00V C01 046 | 0445 110 119 |
| 191051 | F00V C01 051 | 0445 110 181/189/199/201/205/207/208/224/225 |
| 191053 | F00V C01 053 | 0445 110 076 |
| 191057 | F00V C01 057 | 0445 110 031 |
| 191301 | F00V C01 301 | 0445 110 077/078/349/350 |
| 191306 | F00V C01 306 | 0445 110 085/142/143/153/154/214/215 |
| 191310 | F00V C01 310 | 0445 110 122/131 |
| 191312 | F00V C01 312 | 0445 110 134/229 |
| 191313 | F00V C01 313 | 0445 110 118/174/175 |
| 191315 | F00V C01 315 | 0445 110 136/188/220/239/259/271/282/285/311 |
| 191317 | F00V C01 317 | 0445 110 150/228/230 |
| 191324 | F00V C01 324 | 0445 110 162/163/184/193/194/294/295 |



CRI VALVE ASSEMBLIES

| Seven Code | Suitable for | Injector No. |
|---------------|--------------|--|
| 191328 | F00V C01 328 | 0445 110 137/138/139/140/155/156/176/177/180/191/ 192/235/263/264 |
| 191329 | F00V C01 329 | 0445 110 168/169/284/315 |
| 191331 | F00V C01 331 | 0445 110 216 |
| 191334 | F00V C01 334 | 0445 110 183/260/309/310/316/322/331 |
| 191338 | F00V C01 338 | 0445 110 247/248 |
| 191341 | F00V C01 341 | 0445 110 237/238 |
| 191342 | F00V C01 342 | 0445 110 252 |
| 191344 | F00V C01 344 | 0445 110 244/276 |
| 191346 | F00V C01 346 | 0445 110 253/254/257/258/269/270/329/330 |
| 191347 | F00V C01 347 | 0445 110 255/256/319/320 |
| 191349 | F00V C01 349 | 0445 110 249/250 |
| 191352 | F00V C01 352 | 0445 110 274/275/277/278 |
| 191354 | F00V C01 354 | 0445 110 281/297 |
| 191357 | F00V C01 357 | 0445 110 289/401/600/601 |
| 191358 | F00V C01 358 | 0445 110 291/358/359/366/367/386/396 |
| 191359 | F00V C01 359 | 0445 110 293/305/313/332/335/343/346/355/357/364/365/ 379/380/392/395 |
| 191360 | F00V C01 360 | 0445 110 299/300/308/327 |
| 191363 | F00V C01 363 | 0445 110 304/317/348/370 |
| 191365 | F00V C01 365 | 0445 110 421/422/511 |
| 191366 | F00V C01 366 | 0445 110 298 |
| 191367 | F00V C01 367 | 0445 110 318/361/384/385 |
| 191368 | F00V C01 368 | 0445 110 321/389/390 |
| 191369 | F00V C01 369 | 0445 110 326/425/450 |
| 191371 | F00V C01 371 | 0445 110 333/334/360/372/383 |
| 191372 | F00V C01 372 | 0445 110 340/739 |
| 191376 | F00V C01 376 | 0445 110 338 |
| 191383 | F00V C01 383 | 0445 110 376/594 |


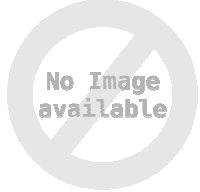
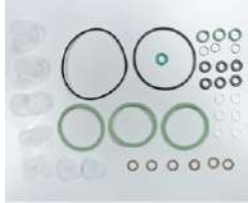


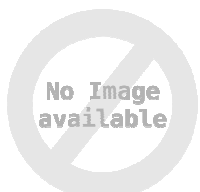

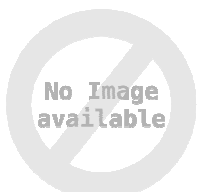
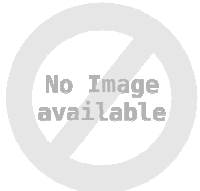
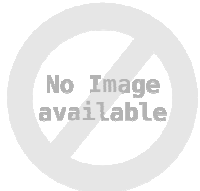
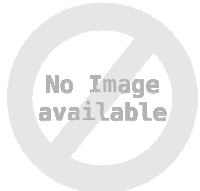
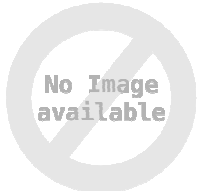


SHAFTS FOR CP4 PUMPS

| Seven Code | Suitable for | Pump Part Number |
|----------------|--------------|--|
| 30670 | 1466C05040 | 0445 010 536/539/548/549/569/571/576/577 |
| 30679 | 1466C06022 | 0445 010 612 |
| 30680 | 1466C06025 | 0445 010 506/509/510/521/524/547/557/580/581/582/617/ 623/665/688/707/711/713/715/717/807/809 |
| 30681 | 1466C06030 | 0445 010 507/508/520/541/542/543/546/555 |
| 30683 | 1466C06034 | 0445 010 611/639/646/659/669/673/685/686 |
| 30685 | 1466C06042 | 0445 010 512/525/545/559/618/655/680 |
| 30687 | 1466C06045 | 0445 010 513/514/526/529/532/533/534/535/550/551/562/ 565/566/567/568 |
| 306872 | 1466C06051 | 0445 010 624/642/650/658/675/676/677/682/683/692/693/801 |
| 306874 | 1466C06054 | 0445 010 517/528/553/561/573/574/627/666/719/783/784/ 785/794 |
| 306876 | 1466C06064 | 0445 010 684/690/691/696 |
| 306878 | 1466C06076 | 0445 010 519/554/723/725 |
| 30688 | 1466C06079 | 0445 010 634/638/667/678/679/808/852/853/854/855 |
| 306882 | 1466C06082 | 0445 010 511/522/544/556/636/637 |
| 306884 | 1466C06085 | 0445 010 699/740/830 |
| 306886 | 1466C06088 | 0445 010 635 |
| 306888 | 1466C06091 | 0445 010 645/672 |
| 30689 | 1466C06094 | 0445 010 537/538/570/583 |
| 30691 | 1466C06098 | 0445 010 530/704 |
| 306912 | 1466C06104 | 0445 010 540/721/727/755 |
| 306914 | 1466C06113 | 0445 010 587/588/709 |
| 3069146 | 1466C06122 | 0445 010 578/579/592/738/739 |
| 306915 | 1466C06125 | 0445 010 598 |
| 3069152 | 1466C06128 | 0445 010 825 |
| 3069158 | 1466C06137 | 0445 010 804/810 |
| 306916 | 1466C06140 | 0445 010 703/759/773 |

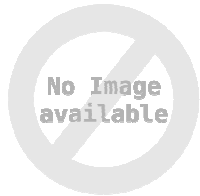


PUMPS SPARE PARTS

| | | | |
|---|---|--|---|
|  <p>30601 F01M 100 275 Kit for CP1 pump Alfa Romeo, FIAT, Lancia</p> |  <p>30602 F01M 100 275S Kit for CP1 pump with 2 oil seals Mercedes</p> |  <p>30603 F01M 100 276 Kit for CP1 pump BMW, FIAT, Iveco, Mercedes, Peugeot, Renault</p> |  <p>30604 F01M 100 277 Kit for CP1 pump BMW, FIAT, Iveco, Mercedes, Peugeot, Renault</p> |
|  <p>30605 F01M 100 278 Kit for DRV</p> |  <p>30610 F01M 101 455=456 Kit for CP1 pump</p> |  <p>30620 F00N 201 973 Kit for CP3 pump Audi, BMW, Iveco, Mercedes, Opel, Renault, VW</p> |  <p>30621 F00N 201 974 Kit for CP3 pump Audi, BMW, Iveco, Mercedes, Opel, Renault, VW</p> |
|  <p>30622 F00N 201 975 Kit for CP3 pump Audi, BMW, Iveco, Mercedes, Opel, Renault, VW</p> |  <p>30623 F00N 201 976 Kit for CP3 pump Audi, BMW, Iveco, Mercedes, Opel, Renault, VW</p> |  <p>30624 F00N 201 977 Kit for CP3 pump Audi, BMW, Iveco, Mercedes, Opel, Renault, VW</p> |  <p>30625 F00N 201 978 Kit for CP3 pump Audi, BMW, Iveco, Mercedes, Opel, Renault, VW</p> |



PUMPS SPARE PARTS



30626

F00N 201 979
Kit for CP3 pump
Audi, BMW, Iveco, Opel,
Mercedes, Renault, VW



30630

Kit for CP4 Pump
Mono Plunger
e.g. 0445 010 506/507/
508/530/543/546/563/..



306301

Kit for CP4 Pump
Mono Plunger
e.g. 0445 010 516/552



306302

Kit for CP4 Pump
Mono Plunger
e.g. 0445 010 767/768



30631

Kit for CP4 Pump
Double Plungers
e.g. 0445 010 611/
659/669/673/685



306311

Kit for CP4 Pump
Double Plungers
e.g. 0445 010 512/
525/545/559



306312

Kit for CP4 Pump
Double Plungers
e.g. 0445 010 622/
649/851



306315

Kit for CPN5 Pump
With oil seals
e.g. 0445 020 195



306316

Kit for CPN5 Pump
Without oil seals
e.g. 0445 020 195



306317

Kit for CPN5 Pump
e.g. 0445 020 126



30641

ROLLER HOLDER
For CP4 pump



30642

ROLLER
For CP4 pump



30643
SCREW

For CP4 pump



30644

BUSH 22x26x15
For CP4 pump



30645

BUSH 22x26x22
For CP4 pump



30646

BUSH 25x29x21
For CP4 pump



PUMPS SPARE PARTS



30647
FLANGED BUSH
For CP4 pump



TOOLS



10120
Wrench for valve
1467C45003 for
CP4 pumps



10125
Injector Disassembly
Spanner for
0445 110 351 / 418 /
520



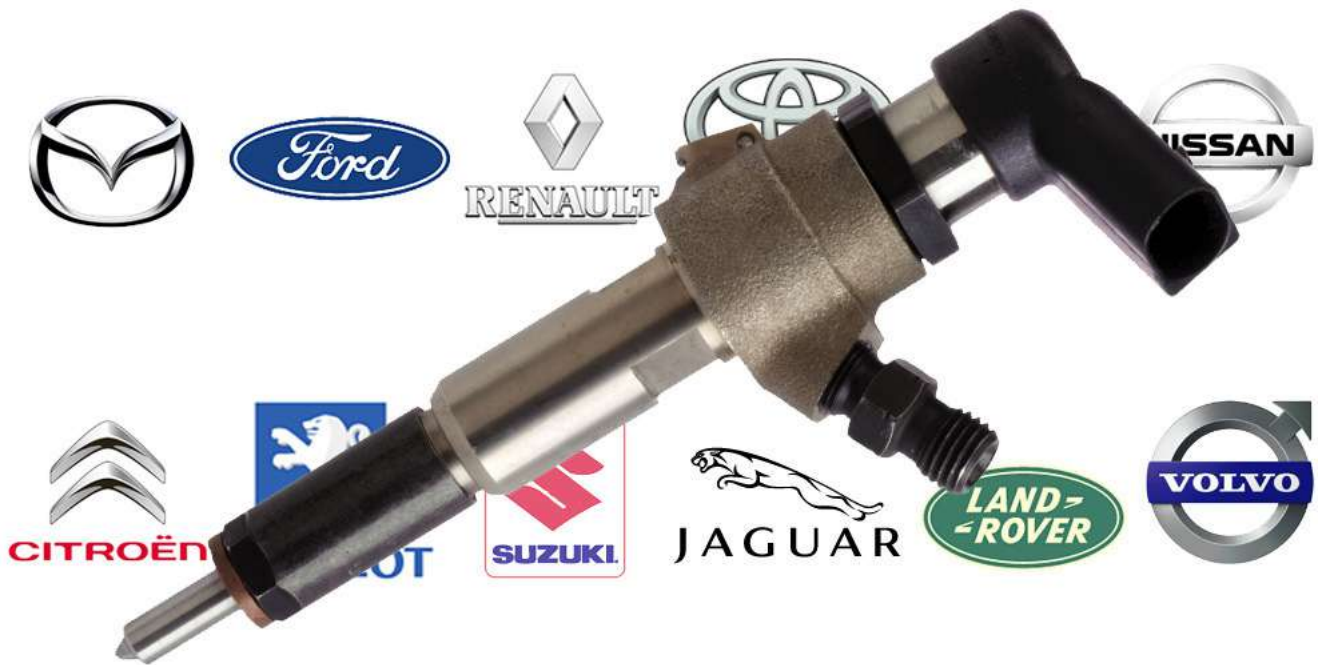
10126
Injector Assembly tool
for
0445 110 351 / 418 /
520



10127
Injector Disassembly
Spanner for 0445 110
368/ 369/429/646



10128
Injector Assembly tool
for
0445 110
368/369/429/646



Nozzles and spares for PIEZO COMMON RAIL INJECTORS AND PUMPS suitable for Continental® system (ex Siemens VDO®)

The worldwide first high-pressure diesel injection system with Piezo injectors was the forerunner Continental® Common Rail Diesel System.

The Piezo Common Rail direct injection system, the first of its kind in the automotive industry, takes common rail technology a step further by advancing the efficiency and power of diesel engines. In 2007 Continental® bought Siemens® VDO Automotive AG becoming one of the top 5 companies in the automotive industry.

These systems are very popular on Citroën®, Ford®, Jaguar®, Land Rover®, Mazda®, Nissan®, Opel®, Peugeot®, Renault®, Suzuki®, Toyota®, Volvo®.

Check out our parts for these injectors and pumps



NOZZLES

| Seven Code | Stamping | Injectors | Main Applications |
|------------|-----------|--|--|
| 76501 | M0001P153 | 5WS40252 | Engine: LION V6 UPGRADE Jaguar X-Type, Land Rover Freelander and Sport |
| 76502 | M0002P156 | 5WS40249 | Engine: DT17 / LION V6 EU4 Citroen C6, Ford, Jaguar X-Type and XJ, Land Rover Discovery and Sport, Peugeot 407 and 607 |
| 76503 | M0003P153 | 5WS40156-6 and -Z | Engine: DW10B Citroen C4, C5, C8 and Picasso, Ford C-Max, Focus, Galaxy, Mondeo and S-Max, Peugeot 307, 407, 607 and 807, Volvo C30, S40 and V50 |
| 765034 | M0004P153 | 5WS40253 | Engine: Lion V8 Land Rover Freelander 3.6L and Range Rover Sport 3.6L |
| 765035 | M0005P153 | 5WS40200 | Engine: DW10U MFMA Citroen Dispatch, FIAT Scudo, Peugeot Expert |
| 76504 | M0006P154 | 1875702C91 1875072C91 8C3Z-9E527-DRM | Ford Powerstroke 6.4L |
| 765045 | M0008P155 | 5WS40536 | Engine: K9K EU5 Nissan Qashqai and Tiida, Renault Clio, Kangoo, Megane, Modus and Scenic |
| 76505 | M0011P162 | 5WS40539 | Engine: VW CR CAYA/B/C Audi A3, Seat Altea, Ibiza, Leon, Skoda Fabia, Octavia, Roomster, Superb and Yeti, VW Caddy, Golf, Jetta, Passat, Polo and Touran |
| 765051 | M0012P154 | 5WS40677 | Engine: DV6C Citroen Berlingo, C2, C3, C4, C5, FIAT Scudo, Ford C-Max, Fiesta, Focus, Fusion, Mazda 3, Peugeot 207, 307, 308, 407 and Expert |
| 765053 | M0019P140 | 5WS40745 | Engine: PUMA EU5 Citroen Jumper, Ford Ranger and Transit, Land Rover Defender, Mazda BT50 and Peugeot Boxer |



NOZZLES

| Seven Code | Stamping | Injectors | Main Applications |
|------------|-------------|--------------|---|
| 765055 | M0027P155 | A2C59507596 | Engine: K9K EU6 1.5L DCi / CDI Mercedes A, B, CLA, GLA and Citan, Nissan Juke, Qashqai and NV200, Renault Captur, Kadjar, Kangoo, Megane, Scénic and Grand Scénic |
| 765057 | M0031P145 | 5WS40932 | Engine: MWM Sprint 3.2L Ford Ranger and Troller T4 |
| 7650571 | M0032P150 | A2C335190080 | Nissan Interstar 2.3L Cdti, Opel Movano II 2.3L Cdti and Renault Master III 2.3L Dci |
| 76506 | M0502P147.6 | 5WS40087 | Engine: K9K EU4 Nissan Qashqai and Tiida, Renault Clio, Kangoo, Megane, Modus and Scenic |
| 76510 | M0604P142 | 5WS40149-Z | Engine: DV4 EU4 Citroen C2 and C3, Ford Fiesta and Fusion, Mazda 2, Peugeot 307 and Toyota Aygo |
| 76511 | M1001P152 | 5WS40086 | Engine: LYNX Ford Focus C-Max, Galaxy, Mondeo, S-Max, Tourneo, Transit Connect, Peugeot 407 |
| 76512 | M1003P152 | 5WS40250 | Engine: LYNX_V227 Ford Focus |
| 76515 | M1600P150 | 5WS40080 | Engine: IESA NGD 3.0L Ford Ranger and Troller T4/Pantanal |
| 76520 | V0600P142 | 5WS40000-Z | Engine: DW10TD Citroen C5, Xantia, Xsara and Xsara Picasso, Peugeot 206, 306, 307, 406 and Partner, Suzuki Vitara |
| 76530 | V0605P144 | 5WS40148-Z | Engine: DV4TED EU3 Citroen C3 Pluriel, Ford Fusion, Peugeot 1007 |
| 76553 | V0203P152 | 03G 130 073D | Volkswagen 2.0L Audi A4, VW Golf and Passat, Seat Leon |
| 76560 | V0208P152 | | |



INJECTORS SPARE PARTS



36501
X11-800-001-001Z
Min. 25 pcs



36502
X11-800-001-002Z
Min. 25 pcs



36503
X11-800-001-003Z
Min. 25 pcs



36510
Leak off connector
1 way - Plastic



36511
Leak off connector
2 ways Y - Plastic



36512
Leak off connector
2 ways - Metal



36513
Leak off connector
2 ways Y - Metal



36514
Leak off connector
2 ways Y - Plastic



36521
X11-800-002-001Z
16 x 7 x 2,5 (Min. 100
pcs)



36522
X11-800-002-002Z
15 x 7 x 1,5 (Min. 100
pcs)



36523
X11-800-002-003Z
14 x 7,5 x 2 (Min. 100
pcs)



36524
X11-800-002-004Z
16 x 7 x 2,5 (Min. 100
pcs)



36540
Nut
Ø15



36541
Nut
Ø19



36616
X11-800-002-
016Z/017Z
Fitting +
Microforated tablet



CALIBRATION SHIMS

15160
Shim Kit \varnothing 20 –
Hole \varnothing 13,7
Total items 210 pcs. –
24 shims size from
0,80 to 1,20 (cut 0,02)

15161
Shim Kit \varnothing 5,7 –
Hole \varnothing 3
Total items 120 pcs. –
12 shims size from
1,25 to 1,80 (cut 0,05)

15162
Shim Kit \varnothing 18 –
Hole \varnothing 14
Total items 240 pcs. –
24 shims size from
0,90 to 1,13 (cut 0,01)

15163
Shim Kit
Total items 220 pcs. –
24 shims size from
7,76 to 8,18 (cut 0,02)



PUMPS SPARE PARTS

36601
X39-800-300-001Z
Citroën, Peugeot

36604
X39-800-300-004Z

36619
X39-800-300-019Z
Citroën, Ford, Mazda,
Peugeot, Toyota

36620
X39-800-300-020Z
Citroën, Ford, Peugeot,
Volvo

36650
Siemens 1.5L

SCV9000
9805746880

SR9000
A2C59506225

SR9001
A2C2000385980

PRODUCT UPDATE - September 2012 (last update 25.07.2024)



Nozzles and spare parts for
DELPHI® COMMON RAIL INJECTORS AND PUMPS
Suitable for Renault®, Mercedes®, Ford® and Kia® vehicles

Since the first **Delphi®**-equipped Common Rail vehicle was launched in 2001, demand for these high-pressure direct injection vehicles has continued to expand. There are over 5 million Delphi® Common Rail-equipped vehicles currently on the roads. Delphi® supply the worlds largest vehicle manufacturers, including Dacia®, FIAT®, Ford®, Hyundai®, Kia®, Mercedes-Benz®, Peugeot®, Renault® and SSangYong®.

Check out in next page our Common Rail products.



NOZZLES

| Seven Code | Stamping | Part Number | Injector | Main Applications | Control Valve | | OEM Kit |
|--------------|----------|-------------|--|---|---------------|------------|----------|
| | | | | | OEM ref. | Seven Code | |
| 703721 ●● | L096 PBD | L096 PBD | EJDR00101Z EJDR00301Z | Ford Mondeo | 28239294 | 199621 | 7135-652 |
| 703722 ● | L097 PBD | L097 PBD | EJBR02801D EJBR03601D | Hyundai Terracan and KIA Carnival | 28239294 | 199621 | 7135-659 |
| 703728 ● | L120 PBD | L120 PBD | EJBR01801A EJBR04001D | Nissan Almera, Kubistar and Micra, Renault Clio, Megane, Scenic, Kangoo and Modus | 28239294 | 199621 | 7135-647 |
| 703729 ● | L121 PBD | L121 PBD | EJBR01302Z EJBR01601Z EJBR02201Z | Ford Focus, Tourneo and Transit Connect | 28239294 | 199621 | 7135-651 |
| 703733 ● | L133 PBD | L133 PBD | EJDR00501Z | Ford Mondeo and Jaguar X-Type | 28239294 | 199621 | 7135-654 |
| 703734 ● | L135 PBD | L135 PBD | EJDR00503Z EJDR00504Z | Ford Mondeo and Jaguar X-Type | 28239294 | 199621 | 7135-656 |
| 70380 ● | L087 PRD | L087 PRD | EJBR01401Z EJBR01701Z EJBR02101Z EJBR04101D | Dacia Logan 1.5L | 28239294 | 199621 | 7135-644 |
| 70382 ● | L136 PRD | L136 PRD | EJBR02501Z EJBR03001D | KIA Bongo, Pregio and Frontier 2.9L CRD | 28239294 | 199621 | 7135-660 |
| 703821 ●● | L137 PRD | L137 PRD | EJBR02401Z EJBR02901D EJBR03701D | Hyundai Terracan and KIA Carnival | 28239294 | 199621 | 7135-661 |



NOZZLES

| Seven Code | Stamping | Part Number | Injector | Main Applications | Control Valve | | OEM Kit |
|--------------|----------|-------------|---|--|----------------------------------|------------|----------|
| | | | | | OEM ref. | Seven Code | |
| 703822 ●● | L138 PRD | L138 PRD | EJBR02601Z EJBR04601D | SSangYong Rodius, Rexton and Kyron | 28239294 | 199621 | 7135-649 |
| 70383 ●● | L157 PRD | L157 PRD | EJBR03401D | SsangYong Actyon and Kyron | 28239294 | 199621 | 7135-650 |
| 703833 ●● | L163 PRD | L163 PRD | EJBR03301D | JMC Teshun/Transit | 28239295 | 199622 | 7135-625 |
| 703836 ●● | L244 PRD | L244 PRD | EJBR04501D | SSangYong Actyon, Rexton and Kyron | 28239295 | 199622 | 7135-619 |
| 70384 ● | L274 PRD | L274 PRD | EJBR05301D | Dong Feng Xiaobawang | 28239295 | 199622 | 7135-626 |
| 70385 ● | L281 PRD | L281 PRD | EJBR05501D | Kia Bongo | 28239295 | 199622 | 7135-623 |
| 703853 ●● | L286 PRD | L286 PRD | 28232234 28237259 R05601D | Dacia Duster, Logan and Sandero, Nissan Pathfinder, Renault Clio, Fluence, Kangoo, Laguna, Megane Scenic and Twingo | 28239295 | 199622 | 7135-616 |
| 703855 ●● | L340 PRD | H340 | 28235143 R00201D R00202D R00203D | Hyundai i20 and i30, KIA Cee'd, Rio and Venga | 28297167 | - | 7135-582 |
| 703856 ●● | L341 PRD | H341 | R00301D | SsangYong Korando, Actyon, Rexton and Rodius | 28346624 28439531 28626161 | 199637 | 7135-583 |
| 703857 ●● | L342 PRD | H342 | R00101D R00101DP | Citroen C4 Picasso, C4, C5, C8, Jumpy III, FIAT Scudo, Ford C-Max, Focus, Galaxy, Kuga, Mondeo, S- Max, Peugeot 308, 3008, 407, 508, 5008, 807, Expert and RCZ | 9308-625C | - | 7135-581 |



NOZZLES

| Seven Code | Stamping | Part Number | Injector | Main Applications | Control Valve | | OEM Kit |
|--------------|----------|-------------|----------------------------------|--|--|------------|----------|
| | | | | | OEM ref. | Seven Code | |
| 70386 ●● | L347 PRD | H347 | R00002D 28348371 28342997 | Jeep Compass and Patriot, Mercedes C, CLS, E, GLK, Sprinter, V, Viano and Vito | 28626162 | 199639 | 7135-580 |
| | | | 28307309 | | 28343134 28615824 | 199635 | 7135-701 |
| 70387 ●● | L363 PRD | L363 PRD | 28231462 | Seat Ibiza, Skoda Fabia and Roomster, Volkswagen Polo | 28277709 | - | 7135-575 |
| 703871 ●● | L364 PRD | H364 | 28264952 28489562 | Chevrolet Captiva, Cruze, Orlando | 28277576 28525582 | - | 7135-578 |
| | | | | | 28264094 | - | 7135-579 |
| 703872 ●● | L365 PRD | H365 | 28239766 29264951 29489548 | Chevrolet Captiva and Opel Antara | 28297165 | 199629 | 7135-577 |
| 70388 ●● | L374 PRD | H374 | 28229873 | Hyundai H1 and Kia Bongo | 28277576 28525582 | 199633 | 7135-573 |
| 703881 ●● | L375 PRD | H375 | 28236381 | Hyundai H1, iLoad, H300, Montana, iMax, i800, Starex | 28265514 28346624 28439531 28626161 | 199637 | 7135-576 |
| 70390 ●● | L381 PRD | L381 PRD | EJBR05102D | Dacia Logan, Renault Clio, Kangoo, Megane, Modus and Scenic and Samsung SM3 | 28239294 | 199621 | 7135-646 |

Control valves cross references: 9308-918B = 9308-621C = 28239294 ⇒ 199621 and 9308-622A = 9308-622B = 28239295 = 28278897 ⇒ 199622

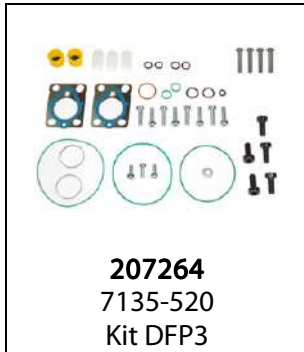


NOZZLES

| Seven Code | Stamping | Part Number | Injector | Main Applications | Control Valve | | OEM Kit |
|--------------------|----------|-------------|----------------------------------|---|---------------|------------|----------|
| | | | | | OEM ref. | Seven Code | |
| 70393 ●● | G467 | G467 | 28370681 28565330 | Audi, Seat, Skoda and Volkswagen Golf VII | 28394612 | - | 7135-815 |
| 70394 ●● | G488 | G488 | 28475604 58565337 28654963 | MAN TGE, Volkswagen California, Caravelle, Crafter, Multivan, Transporter | 28475605 | - | 7135-835 |
| 70395 ●● | G523 | G523 | 28506046 28565336 | Audi, Seat, Skoda and Volkswagen Golf VII | 28468551 | - | 7135-816 |



PUMPS SPARE PARTS



TOOLS



10160
Wrench for
DFP6 pump

PRODUCT UPDATE - September 2016 (last update 04.08.2022)



Nozzles and spare parts for CATERPILLAR® COMMON RAIL SYSTEM suitable for Perkins® and Mitsubishi® applications

Caterpillar® also developed a Common Rail system capable of multiple injection.

Multiple injection allows optimal combustion and low emissions at all loads.

Caterpillar® CR fuel system is the most effective technology to match emission regulations. The main components are a high pressure (HP) pump, rail, injector and electronics. Caterpillar® C4.4 and C6.6 ACERT Industrial Diesel Engines offer the perfect balance between durability, fuel efficiency and low emissions. These engines use Common Rail fuel systems and advanced control systems to deliver maximum uptime in the harshest environment. Applications powered by C4.4 and C6.6 ACERT engines include: Agriculture, Tractors, Aircraft Ground Support, Grinders, Harvesters, Compactors/Rollers, Compressors, Construction, Cranes, Forestry, Forklifts, General Industrial, Irrigation Equipment, Loaders, Mining. Perkins® is using this system on its 1100 Series. New Engines C7.3 and C9.3 with Common Rail system are also present in the markets worldwide.

Check out in next pages our products suitable for Caterpillar®



NOZZLES

| Seven Code | Stamping | Injector No. | Main applications | Engine |
|------------|-------------|---|-----------------------------|----------------|
| 79842 | 2645A742 | 257-2500, 266-4434, 276-8280, 282-0480, 289-7500, 293-9580, 321-1080, 10R7667, 2645A703, 2645A704, 2645A708, 2645A742 | Perkins | C6.6 |
| 79845 | 2645A745 | 320-0670, 10R7670, 2645A717, 2645A733, 2645A745 | Perkins | C6.6 |
| 79847 | 2645A747 | 320-0680, 10R7672, 2465A718, 2645A734, 2645A747, 226779M1 | Perkins and Massey Ferguson | C4.4/C6.6 |
| 79849 | 2645A749 | 320-0690, 10R7673 2645A719, 2645A735 2645A749 | Perkins | C6.6 |
| 79861 | 32F61-00061 | 326-4740, 10R7676 32F61-00022 32F61-00061 | Mitsubishi | 315D/318D/319D |
| 79862 | 32F61-00062 | 326-4700, 10R7675 32F61-00060 32F61-00062 | Mitsubishi | 320D/321D/323D |



INJECTORS SPARE PARTS





INJECTORS SPARE PARTS



VALVES
35661 and 35662 are
slightly different



PUMPS SPARE PARTS





CALIBRATION SHIMS

15140
Shim Kit \varnothing 26 –
Hole \varnothing 22,5
Total items 240 pcs. –
24 shims size from
2,04 to 2,50 (cut 0,02)

15141
Shim Kit \varnothing 26 –
Hole \varnothing 22,5
Total items 470 pcs. –
54 shims size from
2,04 to 2,50 (cut 0,01)

15142
Shim Kit \varnothing 6,6
Total items 360 pcs. –
36 shims size from
1,30 to 2,00 (cut 0,02)

15143
Shim Kit \varnothing 6,6
Total items 360 pcs. –
36 shims size from 2
to 2,35 (cut 0,01)



TOOLS

10105
Key for mounting /
dismounting the
inner
ring-nut

10106
Key for mounting /
dismounting the nut
To be used with
10105

10110
12 Faces key for
dismantling the
electromagnet.
Distance between
faces 27.5 mm



Nozzles and spare parts for
BOSCH® PIEZO INJECTORS
suitable for many European vehicles

Piezoelectric technology is the modern Common Rail diesel heart. Its innovative technology led to greater efficiency, performance and reduced emissions. The crystal component is fundamentally critical: it generates an electrical charge when a mechanical stress is applied likewise changes its shape when an electrical charge is applied as well. It acts up to 5 times faster than a standard injector solenoid and motion is frictionless. The greatest advantage of Piezo technology is fuel delivery rate and precision since the actuator can be easily activated and deactivated.

At the 2003 Frankfurt Motor Show, Siemens®, Bosch® and Delphi® all launched piezoelectric fuel injection systems. Piezo actuators appeared on Bosch's third-generation Common Rail system on Audi's new 3L V-6 TDI engine that is optional on the A8 flagship.

Check out in next pages our Piezo Common Rail products suitable for Bosch®.



NOZZLES

| Seven Code | Stamping | DLC | Injector No. | Main Applications |
|--------------|------------|-----|--|---|
| 71P210 ●● | F00VX20010 | DLC | 0445 115 026 0445 115 027 0445 115 063 0445 115 064 0445 115 071 0445 115 072 0445 115 075 0445 115 076 | Chrysler 300C, Jeep Commander and Grand Cherokee, Mercedes Benz C, CLK, CLS, E, G, GL, GLK, ML, R, Sprinter, Viano and Vito |
| 71P217 | F00VX20017 | DLC | 0445 115 032 0445 115 068 0445 115 069 0445 115 073 | Mercedes Benz Sprinter, Viano and Vito |
| 71P307 | F00VX30007 | DLC | 0445 115 008 0445 115 048 0445 115 070 | BMW 330, 530, 730, X3 and X5 |
| 71P322 ●● | F00VX30022 | DLC | 0445 115 034 0445 115 036 0445 115 037 0445 115 051 0445 115 052 0445 115 078 0445 115 079 0445 115 082 | Audi A4, A6, A8 and Q7, Volkswagen Phaeton and Touareg |
| 71P326 * | F00VX30026 | DLC | 0445 116 001 | BMW 120, 320, 520 and X3 |
| 71P341 ●● | F00VX30041 | DLC | 0445 116 024 | BMW 120, 320, 325, 330, 520, 525, 530, 730, X1, X3, X5 and X6 |
| 71P379 * | F00VX30079 | DLC | 0445 117 030 | BMW 125, 225, 325, 335, 425, 435, 525, 535, 640, 740, X1, X3, X4, X5 and X6 |
| 71P401 * | F00VX40001 | DLC | | See 71P423 |
| 71P414 ●● | F00VX40014 | DLC | 0445 115 028 0445 115 029 0445 115 030 | Volkswagen Crafter |
| 71P421 ●● | F00VX40021 | DLC | 0445 115 050 0445 115 077 | BMW 330, 335, 530, 535, 635, X3, X5 and X6 |

DLC (Diamond-Like Carbon) = needle with special black coating



NOZZLES

| Seven Code | Stamping | DLC | Injector No. | Main Applications |
|---------------------|------------|-----|--|--|
| 71P423 * | F00VX40023 | DLC | 0445 115 018 0445 115 019 0445 115 038 0445 115 039 0445 115 040 0445 115 053 0445 115 054 0445 115 057 0445 115 058 0445 115 080 0445 115 081 0445 115 085 | Audi A4, A6 and A6 Allroad 2.7 TDI |
| 71P429 •• | F00VX40029 | DLC | 0445 116 004 0445 116 029 0445 116 030 0445 116 034 0445 116 035 | Audi A3, A4, A5, A6, Q5 and TT, Seat Altea, Exeo, Leon and Toledo, Skoda Octavia, Superb and Yeti, Volkswagen EOS, Golf V, Golf VI, Jetta, Passat, Scirocco and Tiguan |
| 71P430 •• | F00VX40030 | DLC | 0445 116 007 0445 116 008 0445 116 014 0445 116 015 0445 116 022 0445 116 023 | Audi A4, A5, A6, Q5 and Q7, Porsche Cayenne and Volkswagen Touareg |
| 71P460 * | F00VX40060 | DLC | 0445 117 015 0445 117 023 | Ford Powerstroke 6.7L for F Series Pickups |
| 71P465 •• | F00VX40065 | DLC | 0445 116 039 0445 116 072 | Audi A4, A5, A6, A7, A8 and Q5 3.0 TDI |
| 71P466 •• | F00VX40066 | DLC | 0445 117 021 0445 117 022 0445 117 076 | Audi A4, A5, A6, A7, A8 and Q7, Porsche Cayenne and Panamera, Volkswagen Touareg |
| 71P478 * | F00VX40078 | DLC | 0445 117 028 0445 117 070 | Audi A6, A6 Allroad, A7 and SQ5 and Porsche Panamera |

DLC (Diamond-Like Carbon) = needle with special black coating



INJECTORS SPARE PARTS



17005
Valve Piezo
For 0445 115 ...



170051
Valve Piezo
For 0445 116/117 ...



17039
Leak off connector
1 way
(Min. 5 pcs)



170391
Leak off connector
2 ways
(Min. 5 pcs)



170392
Leak off connector
1 way
(Min. 5 pcs)



170393
Leak off connector
2 ways
(Min. 5 pcs)



17040
F00V C17 503
15 x 7 x 1,5
(Min. 50 pcs)



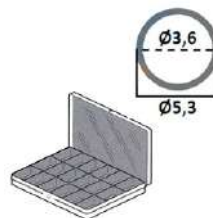
17044
F00V P01 004
13 x 7,3 x 1,5
(Min. 50 pcs)



17045
F00V P01 008
12 x 7,7 x 2
(Min. 50 pcs)



17046
F00V P01 009
14 x 7,7 x 2 (Min. 50
pcs)



17075
Shim Kit Ø5,3x3,6
120 pcs. for Piezo



17080
Nut Ø19 – L. 46 – M17
Hexagonal



17081
Nut Ø19 – L. 47 – M17
Heptagonal



17082
Nut Ø19 - L.45,3 - M17
Octagonal



17083
Nut Ø19 – L. 47 – M17
Hexagonal



17090
O-ring 22x2 mm
(Min. 100 pcs)



INJECTORS SPARE PARTS



TOOLS



PRODUCT UPDATE – May 2022 (last update 01.08.2024)



Our complete range of
NOZZLES FOR BOSCH® CRIN 4.2 INJECTORS
suitable for Detroit Diesel and Mercedes Benz

The CRIN 4.2 injectors are used on the Detroit Diesel DD16, DD15 and DD13 engines and on Mercedes Benz OM470/471 engines. This fuel system was first introduced in 2008. The injection pressure of the Common Rail system developed - with pressure boosting in the injector itself - can be freely modulated and flexibly adapted to current conditions. Called "X-Pulse" (Detroit Diesel: Amplified Common Rail System) by Mercedes-Benz, this system effectively controls the amount and timing of fuel injection based on engine operating conditions. The injection nozzle is an eight-hole nozzle (previously seven holes), which increases the maximum flow by around ten percent. The maximum rail pressure is 900 bar (2nd generation OM 471: 1160 bar), which achieves a maximum injection pressure of 2500 bar (2700 bar).

Check out in next pages our nozzles and parts



BOSCH CRIN4.2 NOZZLE

| Seven Code | Stamping | Injector | Liters | Engine | Main applications |
|------------|------------|--|----------------|-----------------|--|
| 71P538 | F00VX50038 | 0445 120 207 0445 120 104 0986 435 539 0986 435 540 | 14.8L 15.6L | DD15 DD16 | Detroit Diesel |
| 71P559 | F00VX50059 | 0445 120 194 0445 120 195 0986 435 537 0986 435 642 | 12.8L | 471.905 DD13 | Setra ComfortClass S407, TopClass S417 and Detroit Diesel |
| 71P583 | F00VX50083 | 0445 120 302 0445 120 303 0986 435 646 | 10.7L | OM470 | Mercedes Actros, Antos and Arocs |
| 71P5974 | F00VX50174 | 0445 120 270 0445 120 271 0986 435 598 | 12.8L | OM471 | Mercedes Actros, Antos, Arocs and Travego |
| 71P5975 | F00VX50175 | 0445 120 287 0445 120 288 0986 435 624 | 12.8L | OM471 | Mercedes Actros, Antos and Arocs |
| 71P5976 | F00VX50176 | 0445 120 298 0445 120 299 0986 435 622 | 10.7L | OM470 | Mercedes Actros, Antos, Arocs, Capacity, Citaro, Conecto and Integro |



INJECTORS SPARE PARTS





TOOLS



10150
Wrench 30mm
For Bosch CRIN 4.2



10151
Wrench 36mm
For Bosch CRIN 4.2



10152
Wrench for nozzle nut
For Bosch CRIN 4.2



10153
Fitting F16X1,5 / M14
for tube
For Bosch CRIN 4.2



10154
Adapter for test
bench
For Bosch CRIN 4.2



10155
Octagonal nut wrench
For Bosch CRIN 4.2

PRODUCT UPDATE – February 2010 (last update 06.11.2023)



Nozzles and spare parts for
ELECTRONIC UNIT INJECTORS EUI
and **SMART INJECTORS**
Suitable for Delphi® systems

The **Electronic Unit Injector (EUI)** system was developed by Delphi® in the 1990s, for use in large diesel engines, to meet the challenge posed by increasingly stringent emissions legislation. The Delphi® Diesel Electronic Unit Injectors are suitable for nine to 16 liter heavy duty diesel engines used for on- and off-highway applications. This system is very popular on John Deere®, Hyundai®, Land Rover®, Renault® and Volvo® vehicles. The **Smart Injectors** for medium and heavy duty diesel engines are a high pressure, electronically controlled diesel fuel injectors that are designed to be combined with Electric Unit Pump to provide high pressure delivery for “cam in block” engines or engines with separate cam boxes. Smart Injector system is fitted to a wide range of DAF® (MX and PR), Paccar® and Yuchai® applications.

Check out our parts for Electronic Unit Injectors and Smart Injectors.



NOZZLES

| Seven Code | Stamping | Part Number | Injector | Main Applications | Similar to* |
|----------------|-------------|-------------|---|---|-------------|
| 70350 | L010 PBB | L010 PBB | BEBE4B03001 BEBE4B13001 | John Deere | |
| 70351 | L011 PBB | L011 PBB | BEBE4B04001 BEBE4B14001 | John Deere | |
| 70354 | L014 PBB | L014 PBB | BEBE4B10101 | Volvo | |
| 70357 | L017 PBB | L017 PBB | BEBE4B12004 | Volvo | |
| 70358 | L018 PBB | L018 PBB | BEBE4B15001 | Hyundai | |
| 70360 | L024 PBB | L024 PBB | BEBE4B15002 | Hyundai | |
| 70361 | L029 PBB | L029 PBB | BEBE4B15003 | Hyundai | |
| 703699 •• | L023 PBC | L023 PBC | BEBE2A01001 | Land Rover Discovery and Defender TD5 | |
| 70370 • | L025 PBC | L025 PBC | --- | Volvo | L221 PBC |
| 703702 • | L028 PBC | L028 PBC | --- | Volvo | L222 PBC |
| 7037025 | L038 PBC | L038 PBC | --- | Volvo | L052 PBC |
| 703703 | L045 PBC | L045 PBC | BEBE4C09101 | Hyundai | L232 PBC |
| 7037036 | L048 PBC | L048 PBC | --- | Hyundai | L233 PBC |
| 703704 | L051 PBC | L051 PBC | --- | Renault Volvo | L210 PBC |
| 7037040 •• | L052 PBC | L052 PBC | BEBE4D01001 BEBE4D01101 BEBE4D01201 BEBE4D01301 BEBE4D31001 | Volvo | L038 PBC |
| 7037041 • | L053 PBC ** | L053 PBC | BEBJ1A00001 BEBJ1A00101 BEBJ1A00201 BEBJ1A05001 | DAF | |
| 70370415 •• | L055 PBC | L055 PBC | BEBE4D05001 BEBE4D17001 | Nissan | |
| 7037044 • | L193 PBC | L193 PBC | BEBE4D08004 BEBE4D16004 BEBE4D24004 BEBE4D24104 | Renault Volvo | |
| 7037045 • | L194 PBC | L194 PBC | BEBE4D08003 BEBE4D16003 BEBE4D24003 BEBE4D24103 | Volvo | |

* Not interchangeable. Different Volvo series | ** Smart Injector



NOZZLES

| Seven Code | Stamping | Part Number | Injector | Main Applications | Similar to* |
|---------------|----------|-------------|---|-------------------|-------------|
| 7037046 | L195 PBC | L195 PBC | BEBE4D12001 | Volvo | |
| 7037047 •• | L196 PBC | L196 PBC | BEBE4D11001 BEBE4D11101 BEBE4D11201 BEBE4D11301 BEBE4D36001 BEBE4D41001 BEBE4D45001 | Renault Volvo | |
| 7037049 • | L209 PBC | L209 PBC | BEBE4D03201 | Volvo | L050 PBC |
| 703705 • | L210 PBC | L210 PBC | BEBE4D35002 BEBE4D04002 | Renault Volvo | L051 PBC |
| 7037052 • | L211 PBC | L211 PBC | BEBE4D04001 | Renault Volvo | |
| 7037055 • | L215 PBC | L215 PBC | BEBE4D08002 | Volvo | |
| 703706 • | L216 PBC | L216 PBC | BEBE4D08001 BEBE4D16001 | Renault Volvo | |
| 703707 •• | L218 PBC | L218 PBC | BEBE4B17101 | John Deere | L021 PBC |
| 703708 • | L221 PBC | L221 PBC | BEBE4C00001 BEBE4C00101 | Renault Volvo | L025 PBC |
| 7037082 • | L222 PBC | L222 PBC | BEBE4C01001 BEBE4C01101 BEBE4C02002 BEBE4C02102 | Volvo | L028 PBC |
| 7037083 •• | L223 PBC | L223 PBC | BEBE4C02001 BEBE4C03001 BEBE4C03101 BEBE4C14001 | Volvo | L026 PBC |
| 703709 | L225 PBC | L225 PBC | BEBE4B17103 | John Deere | L031 PBC |
| 703710 | L226 PBC | L226 PBC | BEBE4C04002 | Volvo | L039 PBC |
| 7037105 •• | L229 PBC | L229 PBC | BEBE4C08001 | Volvo | L042 PBC |
| 7037109 •• | L233 PBC | L233 PBC | BEBE4C09102 | Hyundai | L048 PBC |
| 703711 | L234 PBC | L234 PBC | BEBE4C10001 | Volvo | |
| 7037112 •• | L240 PBC | L240 PBC | BEBE4D14001 BEBE4D14101 | Volvo | |

* Not interchangeable. Different Volvo series | ** Smart Injector



NOZZLES

| Seven Code | Stamping | Part Number | Injector | Main Applications | Similar to* |
|----------------|-------------|-------------|----------------------------|-------------------|-------------|
| 7037113 •• | L242 PBC | L242 PBC | BEBE4C12001 BEBE4C12101 | John Deere | |
| 70371135 •• | L311 PBC | L311 PBC | BEBE4D19002 | Hyundai | |
| 7037114 • | L322 PBC | L322 PBC | BEBE4D23001 BEBE4D25001 | Volvo | |
| 7037115 • | L325 PBC | L325 PBC | BEBE4N01001 (UI) | Renault Volvo | |
| 7037116 •• | L357 PBC | L357 PBC | BEBE4D21001 | Hyundai | |
| 7037118 • | L405 PBC ** | L405 PBC | BEBJ1A00202 BEBJ1A05002 | DAF | |
| 70374 | LP004 B | LP004 B | BEBE4B01001 | Volvo | |

* Not interchangeable. Different Volvo series | ** Smart Injector

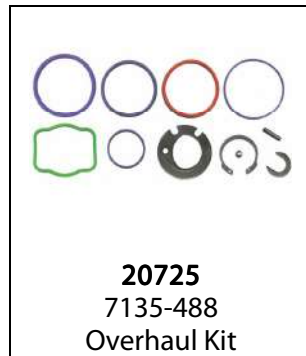


INJECTORS SPARE PARTS





INJECTORS SPARE PARTS



PRODUCT UPDATE – December 2009 (last update 20.02.2024)



Nozzles and spare parts for Unit Injectors UIS/UPS suitable for Bosch® systems

The **Unit Injector System** (UIS or PDE), also known as the pump-nozzle system, is a diesel injection system developed in 1994 by Bosch®, combining the injection pump and the injector nozzle in a single component. The **Unit Pump System** (UPS or PLD) was introduced in 1995, the feature of the UPS is that each engine cylinder has a unit pump of its own.

These systems are very popular on Audi®, Ford®, Iveco®, Mercedes®, Scania®, Seat®, Skoda®, Volvo® and Volkswagen®.

Check out our parts for Unit Injectors and Unit Pumps.



NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|-------------|----------------|--------------|--|--|
| 71887 | DLLA155P 572/ | 0433 171 433 | 0414 701 004 0414 701 055 | Volvo |
| 718872 | DLLA155P 572/+ | | | See 71887 |
| 718882 | DLLA145P 580/ | 0433 171 439 | 0414 700 002 | Iveco EuroMover, EuroTrakker, EuroTech, Stralis and Trakker |
| 71891 | DLLA150P 635 | 0433 171 470 | 0414 701 005 /017/105 | Scania |
| 718955 | DLLA155P 765 | 0433 171 545 | | See 718969 |
| 718963 | DLLA140P 826 | 0433 171 564 | 0445 700 005 0445 701 006 /021/053/084 | Iveco Cursor 10 |
| 718967 | DLLA150P 847 | 0433 171 575 | 0414 701 007 /020/044/056/ 066/080/081 | Scania |
| 718968 | DLLA150P 848 | 0433 171 576 | 0414 701 008 /019/045/057/ 067/082 | Scania |
| 718969 | DLLA155P 872 | 0433 171 584 | 0414 702 002 /003/005/010/ 017/021 | Volvo BH12, FH12, FL12, FM12 and NH12 |
| 7189691 | DLLA155P 872+ | | | See 718969 |
| 718971 | DLLA143P 894/ | 0433 171 596 | 0414 700 003 /004/008/009 | Iveco EuroMover, EuroTrakker, EuroTech, Stralis and Trakker |
| 718972 | DLLA152P 903 | 0433 171 600 | 0414 702 006 0414 702 018 | Volvo FH12 and FM12 |
| 718988 | DLLA140P 947 | 0433 171 631 | 0414 701 013 /022/052/083 | Iveco |
| 719055126 | DLLA145P 1517 | 0433 171 937 | 0414 703 004 | Iveco |
| 71905514 | DLLA145P 1534 | 0433 171 946 | 0414 703 008 | Case, Iveco and New Holland |
| 7190552 | DLLA145P 1540 | 0433 171 950 | 0414 700 006 /007/010 | Iveco Stralis and Trakker |
| 719843 ● | DSLA150P 783 | 0433 175 189 | 0414 720 005 /007/035 | Audi, Seat, Skoda and VW |
| 719853 ● | DSLA150P 800/ | 0433 175 199 | 0414 720 015 0414 720 037 | Audi, Seat, Skoda and VW |
| 719865 ● | DSLA150P 855 | 0433 175 227 | 0414 720 014 /036/086 | Ford, Seat and VW |
| 719897 ● | DSLA150P 1042 | 0433 175 303 | | Audi, Ford, Seat, Skoda and VW |
| 719898 ● | DSLA150P 1043 | 0433 175 304 | 0414 720 013 0414 720 028 0414 720 039 | Audi, Seat, Skoda and VW |

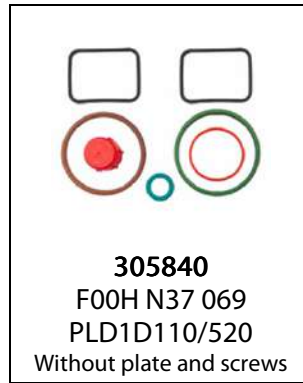


NOZZLES

| Seven Code | Stamping | Part Number | Injector No. | Main Applications |
|---------------------|-----------------|--------------|--|---|
| 7198985 • | DSLA150P 1045 | 0433 175 306 | 0414 720 018 0414 720 029 0414 720 038 | Ford Galaxy, Seat Alhambra and VW Sharan |
| 719935 • | DSLA150P 1156 | 0433 175 343 | 0414 720 124 0414 720 210 | VW |
| 719947 • | DSLA150P 1247 | 0433 175 367 | 0414 720 206 0414 720 208 0414 720 213 0414 720 215 | Audi, Seat, Skoda and VW |
| 7199471 | DSLA150P 1248 | 0433 175 368 | 0414 720 131 /204/209/214/ 216/231 | VW |
| 719950 | DSLA152P 1287++ | 0433 175 379 | 0414 720 401 0414 720 402 0414 720 403 0414 720 404 | VW |
| 719957 • | DSLA156P 1336 | 0433 175 402 | 0414 720 221 | VW |
| 719958 • | DSLA156P 1381 | 0433 175 411 | 0414 720 224 0414 720 232 | VW Caddy and Golf IV |
| 719959 • | DSLA146P 1409+ | 0433 175 414 | 0414 703 003 | |
| 719969 | DSLA150P 1452 | 0433 175 428 | 0414 720 227 | VW |
| 719978 | DSLA148P 1468 | 0433 175 429 | 0414 720 228 | VW |
| 7199806 • | DSLA150P 1485 | 0433 175 437 | 0414 720 311 0414 720 361 | VW Touareg |
| 7199807 • | DSLA150P 1489 | 0433 175 441 | 0414 720 229 0414 720 279 | Audi, Seat, Skoda and VW |
| 7199808 | DSLA150P 1491 | 0433 175 444 | 0414 720 307 0414 720 313 | VW |
| 719981 | DSLA150P 1499 | 0433 175 447 | 0414 720 121 0414 720 312 | Audi, Seat, Skoda and VW |
| 7199815 • | DSLA150P 1508 | 0433 175 448 | 0414 720 304 0414 720 308 0414 720 314 0414 720 364 | Audi, Seat, Skoda and VW |
| 719983 • | DSLA150P 1585 | 0433 175 460 | 0414 720 309 | VW |
| 719984 • | DSLA150P 1586 | 0433 175 461 | 0414 720 310 | VW California, Caravelle, Multivan and Transporter |

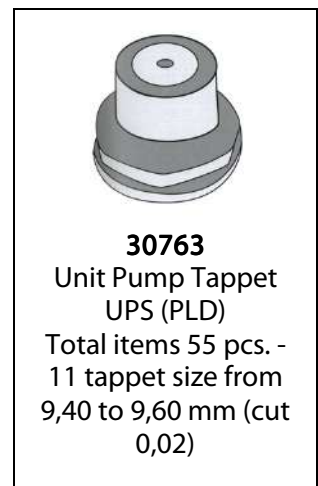
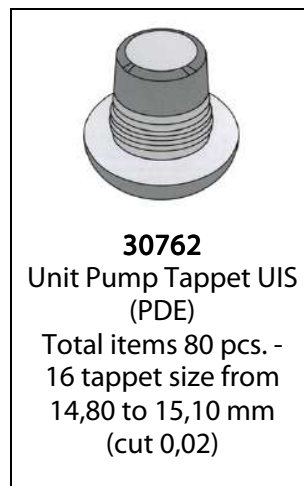
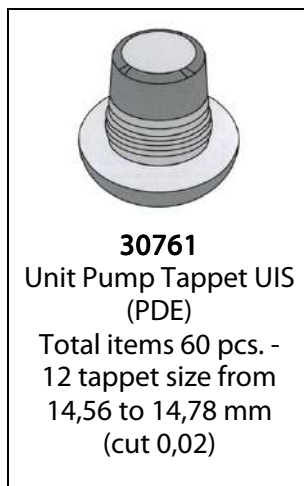
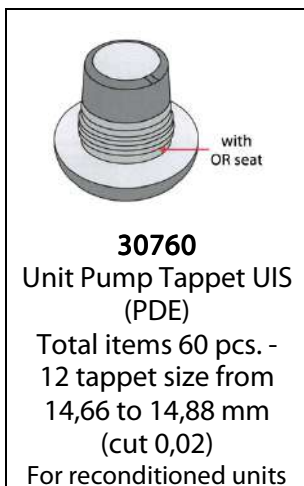
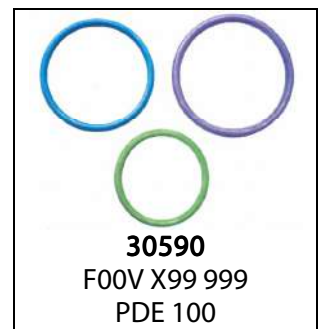
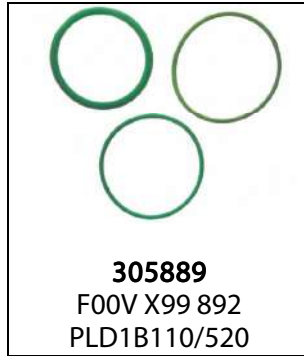


INJECTORS SPARE PARTS



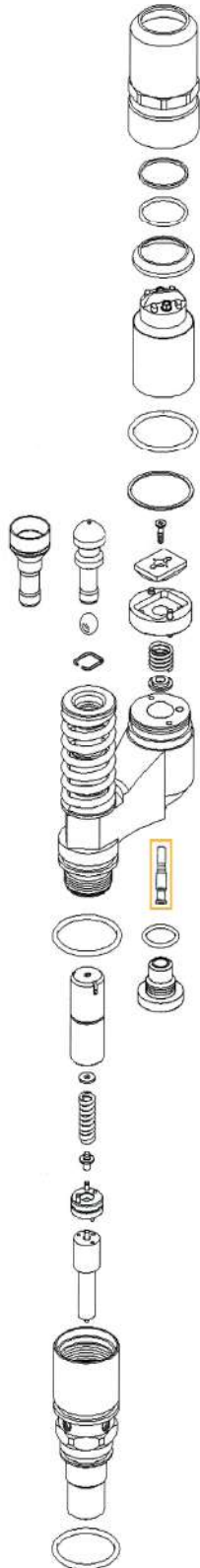


INJECTORS SPARE PARTS



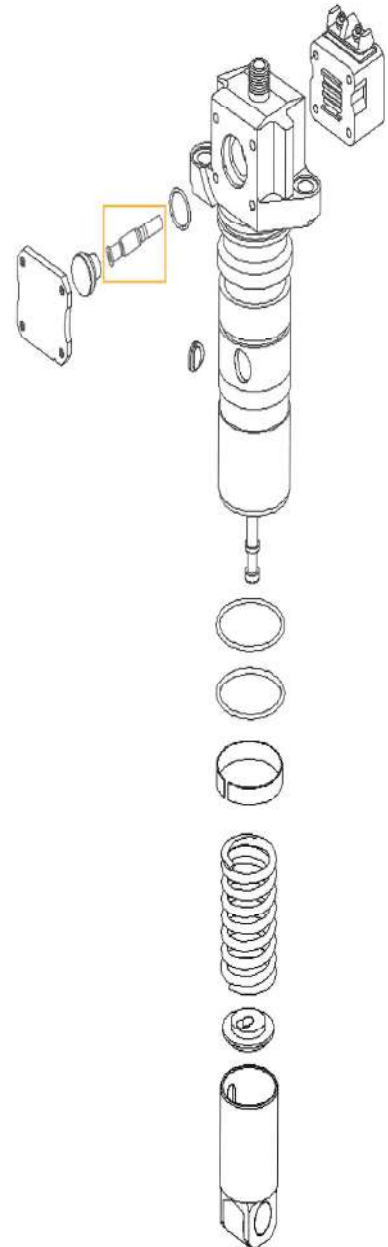


INJECTORS SPARE PARTS



←← PISTON VALVE (PDE)

| | |
|--------|---------|
| 307000 | Ø 7,000 |
| 307005 | Ø 7,005 |
| 307010 | Ø 7,010 |
| 307015 | Ø 7,015 |
| 307020 | Ø 7,020 |
| 307025 | Ø 7,025 |
| 307030 | Ø 7,030 |
| 307035 | Ø 7,035 |
| 307040 | Ø 7,040 |
| 307045 | Ø 7,045 |
| 307050 | Ø 7,050 |
| 307055 | Ø 7,055 |
| 307060 | Ø 7,060 |

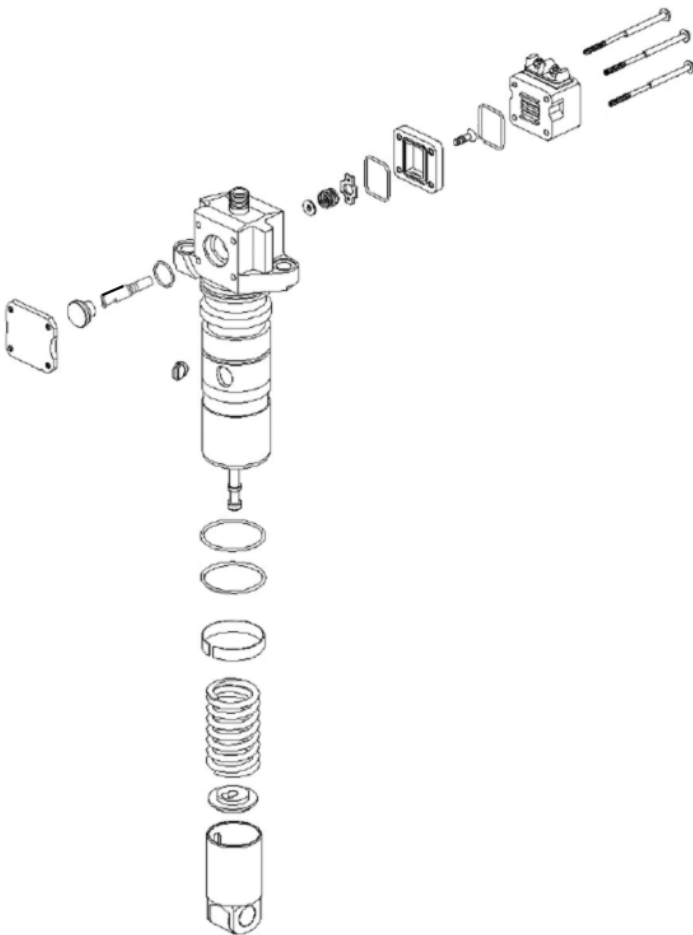


PISTON VALVE (PLD) →→

| | |
|--------|---------|
| 307100 | Ø 7,000 |
| 307105 | Ø 7,005 |
| 307110 | Ø 7,010 |
| 307115 | Ø 7,015 |
| 307120 | Ø 7,020 |
| 307125 | Ø 7,025 |
| 307130 | Ø 7,030 |
| 307135 | Ø 7,035 |
| 307140 | Ø 7,040 |
| 307145 | Ø 7,045 |
| 307150 | Ø 7,050 |
| 307155 | Ø 7,055 |
| 307160 | Ø 7,060 |



INJECTORS SPARE PARTS



REGISTER PLATE (PLD + PDE)

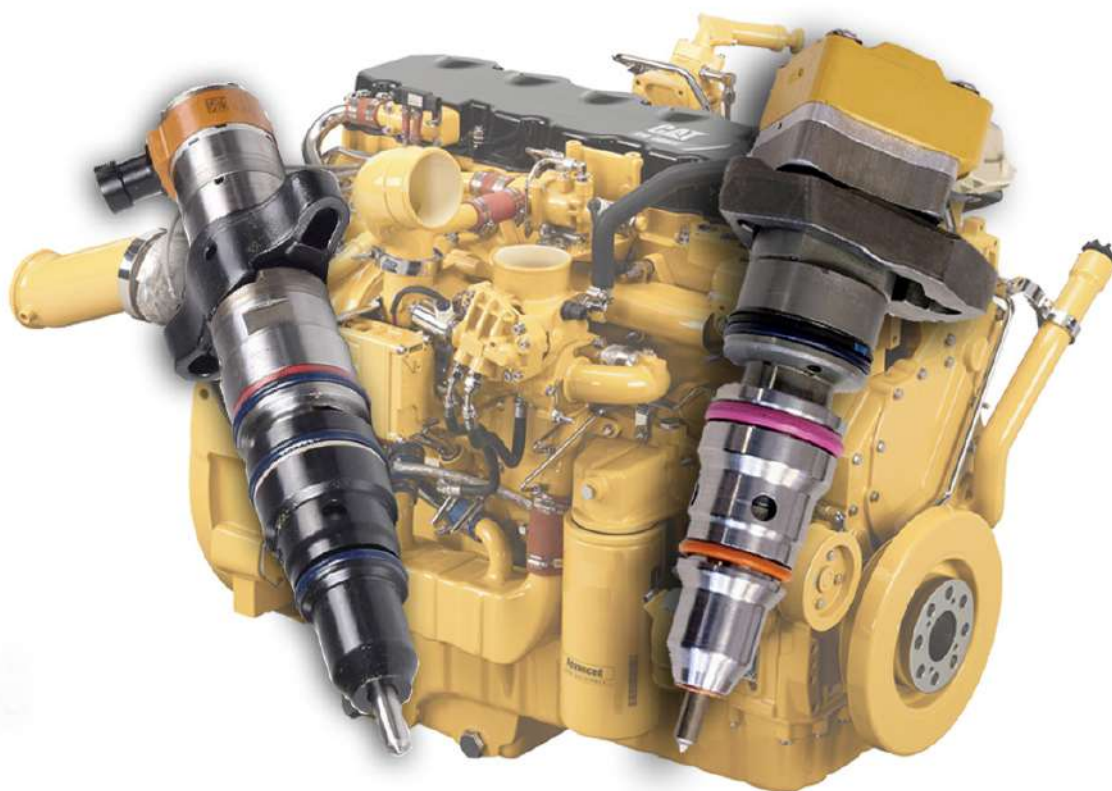


| | |
|--------|---------|
| 307400 | 3,90 mm |
| 307401 | 3,91 mm |
| 307402 | 3,92 mm |
| 307403 | 3,93 mm |
| 307404 | 3,94 mm |
| 307405 | 3,95 mm |
| 307406 | 3,96 mm |
| 307407 | 3,97 mm |
| 307408 | 3,98 mm |
| 307409 | 3,99 mm |
| 307410 | 4,00 mm |

UNIT PUMP CHROME PLATE (PLD)



| | |
|--------|---------|
| 307560 | 8,00 mm |
| 307561 | 8,01 mm |
| 307562 | 8,02 mm |



Nozzles and spare parts for
HYDRAULIC ELECTRONIC UNIT INJECTORS HEUI
Suitable for CAT® C7/9, 3500, 3406/C13/15/18/32 engines

The hydraulically actuated electronic unit injector was developed by Caterpillar® in the early 1990's. HEUI system uses the Electronic Control Module (ECM) in order to guarantee a total electronic control of the fuel delivery, optimizing the engine performance. One of the major benefits of the HEUI injection system was the engine control, as the characteristics of injection events can be controlled independently of any mechanical system. The results were cleaner emissions and greater economy fuel potential.

These systems are very popular on CAT®, Perkins® and John Deere® vehicles.

Check out our parts for these CAT® Injectors.








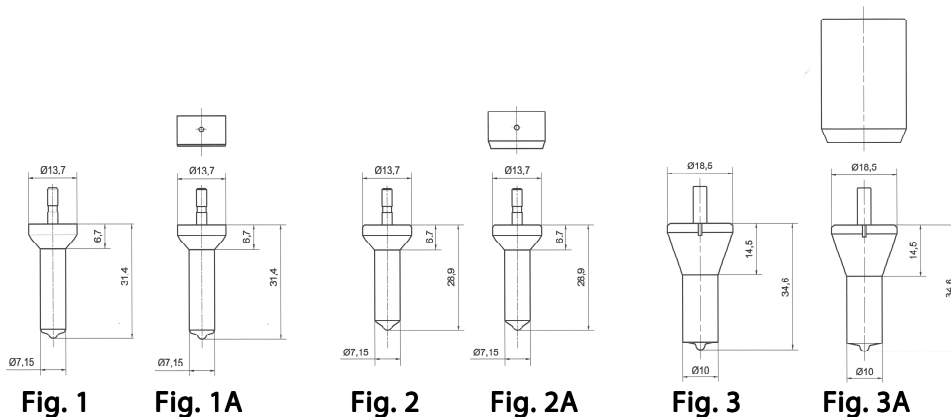
NOZZLES suitable for CAT®

| Seven Code | Stamping/ Injector Part Number | Holes | Injector Cross Reference | Engines | Fig. | Assembly |
|------------|--------------------------------------|--------------|---|-------------------|------|-------------------|
| 79608 | 10R7224 | 6x0,165x130° | 166-1759, 172-5780, 217-2570, 235-2888, 236-0962 | C9 – 950HC | 1 | 79608A Fig. 1A |
| 79611 | 10R7221 10R9001 | 5x0,20x128° | 229-2018, 229-2019, 242-0616, 243-6846, 293-4065, 328-2575, 387-9440 | C-9 | 2 | 79611A Fig. 2A |
| 79612 | 10R7222 10R4764 | 5x0,24x126° | 10R4764 = 240-8063, 245-3516, 245-3517, 245-3518, 293-4067, 328-2577, 387-9438 10R7222 = 254-4339, 267-3360, 267-3361, 293-4072, 328-2574, 387-9433 | C9 | 2 | 79612A Fig. 2A |
| 79616 | 10R7223 10R4844 | 5x0,23x126° | 241-3182, 241-3187, 242-0136, 242-0137, 242-0139, 293-4068, 328-2578, 387-9437 | C9 – C-9 | 2 | 79616A Fig. 2A |
| 79623 | 10R7225 10R4763 | 6x0,20x135° | 10R4763 = 222-5958, 222-5962, 238-8091, 241-3400, 246-2343, 295-1410, 328-2582, 387-9428 10R7225 = 263-8218, 268-1835, 268-1839, 295-1411, 328-2585, 387-9427 | C7 - C9 - 329D | 2 | 79623A Fig. 2A |
| 79627 | 10R4761 | 6x0,17x136° | 222-5959, 222-5961, 236-0973, 243-4502, 295-1408, 328-2583, 387-9430 | C7 | 2 | 79627A Fig. 2A |
| 79628 | 10R4762 | 6x0,17x134° | 238-9808, 238-9809, 241-3229, 243-4503, 295-1409, 328-2584, 387-9429 | C7 | 2 | 79628A Fig. 2A |











NOZZLES suitable for CAT®

| Seven Code | Stamping/ Injector Part Number | Holes | Injector Cross Reference | Engines | Fig. | Assembly |
|-------------------|--------------------------------------|----------------------------|---|-------------|------|---|
| 79701 * | 10R0955 | 6x0,22x132° Small Head | OR9803, 176-1150, 191-3005, 211-3025 | 3406E / C15 | 3 | 79701A Fig. 3A  |
| 79702 | 10R0956 | 6x0,195x130° Small Head | OR4332, OR4895, OR9256, 102-6236, 109-5038, 117-0481, 118-7929, 118-9027, 140-8951, 159-2631, 191-3002, 211-3022, 10R2782 | 3406E / C15 | 3 | 79702A Fig. 3A  |
| 79703 * | 10R0957 | 6x0,23x132° Small Head | OR4119, OR4300, OR4331, OR4894, OR9257, 102-2014, 103-4562, 109-5021, 117-0482, 118-8010, 118-9030, 140-8993, 159-2479, 191-3003, 211-3023, 10R2781, 10R8501 | 3406E / C15 | 3 | 79703A Fig. 3A  |
| 79704 * | 10R0958 | 6x0,23x130° Small Head | OR4118, OR4668, OR4893, OR9258, 102-6230, 117-1146, 117-1148, 118-9035, 152-3680, 191-3004, 211-3024, 211-3027, 10R2780, 10R8059, 10R8502 | 3406E / C15 | 3 | 79704A Fig. 3A  |
| 79705 * | 10R0963 | 6x0,20x130° Small Head | OR8773, 137-2500, 147-0373, 160-1090, 160-2303, 194-5083, 212-3463, 10R9235 | C12 / 3196 | 3 | 79705A Fig. 3A  |












NOZZLES suitable for CAT®

| Seven Code | Stamping/ Injector Part Number | Holes | Injector Cross Reference | Engines | Fig. | Assembly |
|-------------|--------------------------------------|--------------------------------|---|-------------|------|---|
| 79706 | 10R0967 | 6x0,18x150° Small Head | 0R4987, 116-5414, 161-1785, 212-3462 | C10 / 3176C | 3 | 79706A Fig. 3A  |
| 797065 * | 10R1000 10R1273 | *SPECIAL HOLES* Big Head | 10R1000 = 173-9272, 229-5919 10R1273 = 239-4909, 249-0709 | 3406E / C15 | 3 | 797065A Fig. 3A  |
| 79707 | 10R1275 | 10x0,255x160° Big Head | 0R8215, 139-5221, 144-5665, 150-4455, 229-0192, 250-1312, 373-4087, 392-0212, 20R0848 | 3516B | 3 | 79707A Fig. 3A  |
| 79708 | 10R1305 | *SPECIAL HOLES* Big Head | 249-0707 | C13 | 3 | 79708A Fig. 3A  |
| 797085 | 10R1814 | *SPECIAL HOLES* Big Head | 229-5918 | C12 | 3 | 797085A Fig. 3A  |
| 79709 | 10R2977 | *SPECIAL HOLES* Big Head | 249-0708 | C13 | 3 | 79709A Fig. 3A  |
| 79710 * | 10R3262 | 6x0,215x132° Small Head | 249-0713 | C11 / C13 | 3 | 79710A Fig. 3A  |
| 797102 | 10R3265 | | 244-7716, 253-0616 | C27 | 3 | 797102A Fig. 3A  |



NOZZLES suitable for CAT®

| Seven Code | Stamping/ Injector Part Number | Holes | Injector Cross Reference | Engines | Fig. | Assembly |
|------------|--------------------------------------|----------------------------|--|------------------------------|------|--|
| 79715 | CH12013 | 6x0,29x130° Small Head | | Perkins | 3 | 79715A Fig. 3A  |
| 79717 * | CH12071 | 6x0,32x131° Small Head | 200-1117, 295-9085, 10R8988 | Perkins | 3 | 79717A Fig. 3A  |
| 79720 * | CH10948 | 6x0,30x130° Small Head | 276-8307, 10R7231 | Perkins | 3 | 79720A Fig. 3A  |
| 79727 | 20R1271 | 8x0,29x160° Big Head | 134-2601, 172-4672, 229-1099, 250-1307, 386-1759, 392-0207, 0R7977, 10R1277 | 3508, 3512, 3516 | 3 | 79727A Fig. 3A  |
| 79732 * | 10R2772 CH11945 | 6x0,28x133° Small Head | 253-0618 | C15 - C18 - C32 - Perkins | 3 | 79732A Fig. 3A  |
| 79739 | 20R2284 | 6x0,23x130° Small Head | 374-0750 | C18 - C32 | 3 | 79739A Fig. 3A  |
| 79740 * | 20R2285 | 6x0,217x125° Small Head | 238-0489 244-7717 253-0617 374-0751 | C15 - C27 | 3 | 79740A Fig. 3A  |

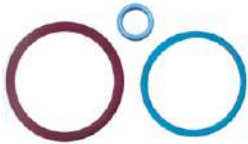


INJECTORS AND PUMPS SPARE PARTS

| | | | |
|--|--|---|---|
|  <p>35619 BLUE O-RING C7 MIN. 10 PCS</p> |  <p>356191 BLACK O-RING C9 MIN. 10 PCS</p> |  <p>356192 PISTON GASKETS C7/C9</p> |  <p>356194 DOWEL C7/C9 Ø1,6x19 MIN. 100 pcs</p> |
|  <p>3561942 SPRING C7</p> |  <p>3561943 SPRING C9</p> |  <p>3561944 SPRING 3176C/3406E/3500E/ 3508E/3512E/3512E/ 3516E/C10/C13/C15/C16/ C18/C27/C32</p> |  <p>356197 NOZZLE NUT C7</p> |
|  <p>356198 NOZZLE NUT C9</p> |  <p>35620 C7 INTERNAL KIT</p> |  <p>35621 C7 EXTERNAL KIT</p> |  <p>35625 C9 INTERNAL KIT</p> |
|  <p>35626 C9 EXTERNAL KIT</p> |  <p>35630 INTERNAL KIT 3176C-C10-C12</p> |  <p>35631 EXTERNAL KIT 3176C-C10-C12</p> |  <p>35634 INTERNAL KIT 3406E-C11-C13-C15- C16-C18-C27-C32</p> |



INJECTORS AND PUMPS SPARE PARTS



35635
EXTERNAL KIT
3406E-C11-C13-C15-
C16-C18-C27-C32



356351
SCREW SET
3406E-C11-C13-C15-
C16-C18-C27-C32
MIN. 10 PCS



35642
INTERNAL KIT
3500 SERIE



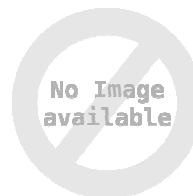
35643
EXTERNAL KIT
3500 SERIE



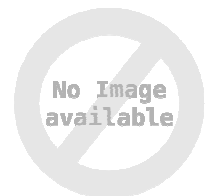
35650
KIT C7/9 HYDRAULIC
PUMPS for 319-0676/7



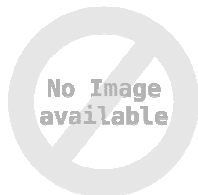
356503
SCREW SET CAT PUMP
MIN. 2 PCS



35655
ACTUATOR VALVE



35657
ACTUATOR VALVE



35659
ACTUATOR VALVE



35660
ACTUATOR VALVE



356601
REGULATOR
ASSEMBLY C7



356602
REGULATOR
ASSEMBLY C9



356603
SPOOL VALVE C7



356604
SPOOL VALVE C9



356605
DIESEL VALVE C7



356606
DIESEL VALVE C9



INJECTORS AND PUMPS SPARE PARTS



S99000
SOLENOID 3176C/
3406E/3500/
3508E/3512E/3516E



S99001
SOLENOID C7/C9
214-5427



S99002
SOLENOID 3408/3412



S99004
SOLENOID PUMP
C7/C9 (w/o seat for O-
ring) 312-5620



CALIBRATION SHIMS



15150
Solenoid
Shim Kit C9
Total items 40 pcs. –
12 shims size from
2,84 to 2,98 (cut 0,02)

PRODUCT UPDATE – May 2015 (last update 12.12.2023)



Nozzles and spare parts for CUMMINS® CELECT INJECTORS Suitable for L10, N14, M11 and ISM engines

With more than 80 years of experience in Fuel Systems business, Cummins® is a symbol of efficiency, fuel economy and engine capabilities, while remaining compliant with increasingly strict emission standards. Cummins® advanced Fuel Systems line includes the CELECT (Cummins® Electronic Engine Control) Fuel System.

Released in 1990, it is Cummins® first electronically controlled unit injection system. The CELECT System is a cam driven system that provides high injection pressure and is used on Cummins L10, N14, M11 and ISM engine platforms.

Check out our parts for Cummins® Celect Injectors.

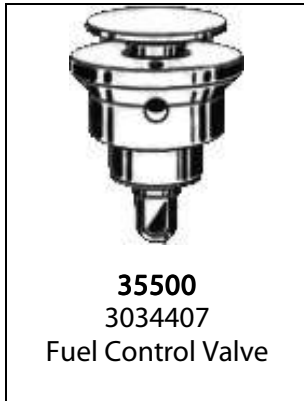


NOZZLES

| Seven Code | Stamping | Injector | Engine |
|------------|----------|----------|---------|
| 7641071 | 3076071 | 3652542 | N14 |
| 7641081 | 3079963 | 3652540 | L10 |
| 7641091 | 3084592 | 3411752 | N14 |
| 7641101 * | 3087791 | 3411763 | M11 |
| 7641175 | 3088175 | 3411764 | N14 |
| 7641243 * | 3095043 | 3411753 | M11 |
| 7641329 ● | 3095729 | 3411754 | M11 |
| 7641334 | 3095734 | 3411755 | M11 |
| 7641378 | 3409978 | 3411762 | N14 |
| 7641388 * | 3411388 | 3411767 | NTA14-E |
| 7641404 | 3411404 | 3411758 | M11 |
| 7641430 | 3411690 | 3411765 | N14 |
| 7641434 * | 3411694 | 3411766 | NTA14-E |
| 7641452 | 3609852 | 3411761 | N14 |
| 7641455 * | 3609855 | 3411760 | NTA14-E |
| 7641461 | 3609861 | 3411759 | N14 |
| 7641525 ● | 3609925 | 3411756 | M11 |
| 7641575 ● | 4026225 | 4026222 | M11 |
| 7641604 ● | 4061854 | 4061851 | M11 |
| 7641610 ●● | 4307525 | 4307516 | M11 |
| 7641615 ●● | 4307779 | 4307776 | M11 |
| 7641620 ●● | 4384384 | 4384360 | M11 |
| 7641624 ● | 4902924 | 4902921 | M11 |
| 7641628 | 4902928 | 4902925 | M11 |
| 7641642 ● | 4903322 | 4903319 | M11 |
| 7641675 ● | 4903475 | 4903472 | M11 |
| 7641684 | 4928174 | 4928171 | M11 |



INJECTORS SPARE PARTS



* The plungers are coated to ensure longer life

PRODUCT UPDATE - October 2020 (last update 08.04.2022)



NAVISTAR



Nozzles and spare parts for HEUI® POWER STROKE® INJECTORS suitable for Ford 7.3L and International/Navistar injectors

Power Stroke is a name used by a family of Diesel engines for trucks produced by Ford Motor Company® since 1994. Along with its use in the Ford F-Series (including the Ford Super Duty trucks), applications include the Ford E-Series, Ford Excursion, and Ford LCF commercial trucks. The letter codes for Ford engines are:
AA, AB, AC, AD, AE and AF.

Navistar® DT engines are used primarily in medium-duty truck and bus applications such as school buses, although some versions have been developed for heavy-duty regional-haul and severe-service applications. Navistar® DT 466E was introduced in 1994, added electronic control to previous, non-electronic DT 466. Also changed over from mechanical fuel injection to Electro-Hydraulic Unit Injection (HEUI). The letter codes for Navistar are BA, BB, BC, BE, BF, BG, BI, BJ, BN and BP. Perkins N1300 and Detroit Diesel 7,6L 40E/8, 7L 40E applications are also fitted with this system.

Check out our components for Power Stroke, HEUI injectors



NOZZLES AND P&B FOR NAVISTAR DT466E/I530E/DT466/DT530/HT530

| Injector No. | Body Code | Seven Code (Nozzle) | Seven Code (Nozzle Assy) | Seven Code (Plunger & Barrell Assy) | Application |
|--|-----------|---------------------|--------------------------|-------------------------------------|--|
| 181934C1 1819834C1 1823736C94 1824917C2 1824928C94 2593588C91 | BA | 7641025 | 441025 | 886001 | International/ Navistar DT466E 230HP-250HP 7.6L Perkins 1300 Series EDi |
| 1824739C1 1824742C91 1824918C2 1824929C94 2593589C91 | BB | 7641015 | 441015 | 886001 | International/ Navistar DT466E 175HP-190HP |
| 1824740C1 1824743C91 1824919C2 1824930C94 2593590C91 | BC | 7641005 | 441005 | 886001 | International/ Navistar DT466E 195HP-230HP |
| 1824741C2 1824744C94 1824920C2 1824931C94 2593591C91 | BD | 7641035 | 441035 | 887100 | International/ Navistar DT466E 250HP-300HP 8.7L Perkins 1300 Series EDi |
| 1824839C94 1829336C1 1829837C2 1829838C94 1829839C93 1829926C2 2593592C91 | BE | 7641005 | 441005 | 886060 | International/ Navistar DT466E 175HP-190HP |
| 1830559C91 1830146C92 1830146C93 1830146C94 1830147C2 1830148C2 1293593C91 | BF | 7641045 | 441045 | 887160 | International/ Navistar DT466E 250HP-300HP 8.7L Perkins 1300 Series Edi 8.7L AGCO 9675 8.7L Detroit Diesel Series 40E |



NOZZLES AND P&B FOR NAVISTAR DT466E/I530E/DT466/DT530/HT530

| Injector No. | Body Code | Seven Code (Nozzle) | Seven Code (Nozzle Assy) | Seven Code (Plunger & Barrell Assy) | Application |
|---|-----------|---------------------|--------------------------|-------------------------------------|--|
| 1830559C91 1830560C2 1830561C92 1830562C2 1830740C92 1830741C92 1830741C92P 1593594C91 1593595C91 | BI | 7641016 | 441016 | 887160 | International/ Navistar DT466E and DT466 175HP-250HP 7.6L Perkins 1300 Series EDi |
| 1830155C91 1830156C91 1830157C1 1830158C1 1830570C91 1830573C2 2593596C91 | BJ BG | 7641006 | 441006 | 887160 | International/ Navistar I530E 230HP-300HP 8.7L Perkins 1300 Series Edi 8.7L Detroit Diesel Series 40E |
| 1830691C1 1830692C91 1830693C1 1830694C91 1830694C92P 1830694C93 2593597C91 | BN | 7641026 | 441026 | 887160 | International/ Navistar DT530/HT530 250HP-340HP 8.7L Perkins 1300 Series Edi 8.7L Detroit Diesel Series 40E |
| 1836250C1 1836251C91 1836252C91 1836253C1 | BP | 7641036 | 441036 | 887160 | International/ Navistar DT466 Transit 7.6L Detroit Diesel Series 40E |



NOZZLES AND P&B FOR FORD POWER STROKE 7.3L / NAVISTAR T444E

| Injector No. | Body Code | Seven Code (Nozzle) | Seven Code (Nozzle Assy) | Seven Code (Plunger & Barrell Assy) | Application |
|---|-----------|---------------------|--------------------------|-------------------------------------|--|
| 1816187C3 1818259C2 1821752C1 1821836C3 1822800C95 1822801C91 F81Z9E527DRM F4TZ9VE527AARM | AA | 7641007 | 441007 | 886000 | International/ Navistar T444E Ford E-Series Ford F-Series |
| 1822803C1 1823561C1 1824582C94 1824583C97 1825125C1 1825126C1 F81Z9E527BRM F7TZ9E527BRM F61Z9VE527BRM | AB | | | 886060 | International/ Navistar T444E Ford E-Series Ford F-Series |
| 1724474C2 1822890C1 1824472C1 1824473C2 1824455C94 1824456C96 | AC | | | 886001 | International/ Navistar T444E 210HP-230HP |
| 1823751C91 1823751RX91 1831487C92 1831488C1 1831489C12 1831550C14 1831551C13 F81Z9E527CRM 5C3Z9VE527BRM | AD * | | | 886061 | International/ Navistar T444E Ford E-Series Ford F-Series |

* Recommend replacing AD Injector in #8 cylinder location with AE Injector to eliminate "cackle." This became standard production in 2002.



NOZZLES AND P&B FOR FORD POWER STROKE 7.3L / NAVISTAR T444E

| Injector No. | Body Code | Seven Code (Nozzle) | Seven Code (Nozzle Assy) | Seven Code (Plunger & Barrell Assy) | Application |
|--|-----------|---------------------|--------------------------|-------------------------------------|--|
| 1833639C1 1833640C1 1833644C1 1833645C1 1833646C92 1833647C91 F81Z9E527EARM XC3Z9E527AARM F61Z9WE527ERM 5C3Z9VE527ARM | AE * | 7641007 | 441007 | 886061 | International/ Navistar T444E Ford E-Series Ford F-Series |
| 1833643C1 1833641C1 | AF | | | 886060 | International/ Navistar T444E |

* Long Lead (LL or blue harness connector) Injector. Used in #8 cylinder location to eliminate "cackle."



INJECTORS SPARE PARTS



PRODUCT UPDATE – November 2021 (last update 04.08.2022)



Spare parts for PENCIL NOZZLES

suitable for Case[®], CAT[®], John Deere[®], Ford[®] applications

We have recently added a bunch of new part numbers to our current mechanical nozzle line: PENCIL nozzles, originally designed by Caterpillar[®] and Stanadyne[®].

The 1963 introduction of the Pencil Nozzle was a major design change that reduced manufacturing costs and helped spur worldwide sales of Stanadyne[®]. In 1984 Stanadyne introduced the Slim Tip Pencil Nozzle that allowed Ford U.K. and the Japanese farm equipment manufacturer, Kubota, to reconfigure combustion chamber designs for higher horsepower and lower emissions.

There are three main Stanadyne-design pencil nozzle categories. Namely: **STPN** (Standard Pencil Nozzle), **PN** (Pencil nozzle slim with a 5.4 mm slim tip while the standard PN has a 9.5 mm tip) and **PN2** (Pencil Nozzle 2nd generation with larger spring chamber).

Check out in next pages our products



PENCIL NOZZLES

| Seven Code | Stamping | Cross reference | Main applications | OE Brand |
|-------------|----------|----------------------------|---------------------------------------|-------------|
| 59005 | 100 7556 | 20R-5169 | Caterpillar 3406B 3406C | Caterpillar |
| 59006 | 100 7558 | 0R-4339 | Caterpillar 3406B 3406C | Caterpillar |
| 59007 | 100 7559 | 0R-4340 | Caterpillar 3306 3306B | Caterpillar |
| 59009 | 130 5187 | 0R-8789 | Caterpillar 3406C 3406B | Caterpillar |
| 59010 | 170 5181 | 0R-3591 | Caterpillar 3306C | Caterpillar |
| 59011 | 170 5187 | 0R4124 | Caterpillar 3306 3306B | Caterpillar |
| 59024 ● | 4W 7015 | 0R-3419 | Caterpillar 3204 | Caterpillar |
| 59025 ● | 4W 7016 | 0R-3420 | Caterpillar 3208 | Caterpillar |
| 59026 ● | 4W 7017 | 0R-3421 | Caterpillar 3406B - 3408 | Caterpillar |
| 59027 ● | 4W 7018 | 0R-3422 | Caterpillar 3406B - 3408 | Caterpillar |
| 59028 ● | 4W 7019 | 0R-3536 | Caterpillar 3408 - 3412 | Caterpillar |
| 59029 | 4W 7022 | 0R-3426 | Caterpillar 3406B | Caterpillar |
| 59059 ● | 7W 7026 | 0R-3423 | Caterpillar 3412 | Caterpillar |
| 59060 ● | 7W 7032 | 0R-3424 | Caterpillar 3406 | Caterpillar |
| 59061 | 7W 7037 | 0R-3425 | Caterpillar 3406 - 3412 | Caterpillar |
| 590768 | 8N 7003 | | Caterpillar 3306 | Caterpillar |
| 59077 ● | 8N 7005 | | Caterpillar 3304 - 3306 | Caterpillar |
| 59305 ●● | 20494 | AR50783 | John Deere 3020, 4020 | Stanadyne |
| 59315 ●● | 26964 | 894F-9K546-ACA 26963 | Ford 2.5L 4 cyl. HSDI (70PS, 80PS) | Stanadyne |
| 59333 ● | 27333 | AR89564 27334 = AR89563 | John Deere 300 Series | Stanadyne |
| 59336 ● | 27336 | AR90024 27337 = AR90023 | John Deere 300 Series | Stanadyne |
| 59340 ●● | 28481 | RE36936 28480 = RE36935 | John Deere 300 Series | Stanadyne |



PENCIL NOZZLES

| Seven Code | Stamping | Cross reference | Main applications | OE Brand |
|-------------|----------|------------------------------|---|-----------|
| 59345 •• | 28485 | RE38087 28484 = RE36939 | John Deere 300 Series | Stanadyne |
| 59350 •• | 29279 | RE48786 29278 = RE44508 | John Deere 6068H | Stanadyne |
| 59355 •• | 32262 | RE60062 32261 = RE57469 | John Deere 4045D & 6068D | Stanadyne |
| 59360 •• | 33408 | 33386 954F-9K546-DC | Ford 2.5L TC 100 PS (MY 95) | Stanadyne |
| 59365 •• | 38416 | RE531436 38415 = RE507766 | John Deere 4045H, 4045T, 6068H, 6068T | Stanadyne |



PENCIL NOZZLES SPARE PARTS





In April 2011 we got the
UNI EN ISO 9001 approval
Seven Diesel SpA is now officially a certified company!

ISO 9001 is the internationally recognised standard for the **quality management** of businesses and it is one of the standards in the ISO 9000 family.

The ISO 9000 family of standards represents an international consensus on good quality management practices. The ISO 9001 standard provides a tried and tested framework for taking a systematic approach to managing the organization's processes so that they consistently turn out a product that satisfies customers' expectations.

We got our certification with **SGS**, the world's leading inspection, verification, testing and certification company. It's a Swiss company recognized as the global benchmark for quality and integrity, they employ more than 97000 people and operate a network of over 2650 offices and laboratories around the world.

Our **certificate number** is: IT11/0255

This is a translation of the certificate IT11/0255

The management system of

SEVEN DIESEL S.p.A.

Via XXV Aprile, 53 25038 Rovato (BS) Italia

has been assessed and certified as meeting the requirements of
ISO 9001:2015

For the following activities:

Design and manufacturing of injectors for diesel engines.

IAF Sector: 17, 22

This certificate is valid from 30 March 2023 until 30 March 2026 and remains valid subject to satisfactory surveillance audits.

Issue 5. Certified since 30 March 2011.



Authorised by
Paolo Santarelli

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QUALITY CERTIFICATION