







STARTER DRIVES

MITSUBISHI

<p>54-8304</p>  <p>Type: Mitsubishi (DD) Pinion Teeth: 8T Rotation : CW Splines: 8 Pinion I.D.: 12.8 Pinion O.D.: 28 Length (mm): 61 Drive O.D. (mm): 45.5 Oem: M191T30974,33371,34071,35171 NI-23312Y0511, MZ-H83318X45,808824722 Use: MI CANTER</p> <p>ZEN 1.01.0352.0</p>	<p>54-8305</p>  <p>Type: Mitsubishi (DD) Pinion Teeth: 9T Rotation: CW Splines: 4 Pinion I.D.: 12.8 Pinion O.D.: 29.5 Length (mm): 61 Drive O.D. (mm): 45.5 Oem: M191T30171,30971,30972,33071 NI-23312E3010, MZ-22224722 Use: MI-L200, NISSAN, MAZDA</p> <p>ZEN 1.01.0144.0</p>
<p>54-8306</p>  <p>Type: Mitsubishi Pinion Teeth: 8T Rotation : CW Splines: 4/8 Pinion I.D.: 12.1 Pinion O.D.: 28 Length (mm): 56 Drive O.D. (mm): 45 Oem:M191T22071,-2371,-2771,-2971,-3071 M191T23471,MD607894,611372 Use:MI LANCER GALANT L300, HYUNDAI,MAZDA,NISSAN,SUZUKI</p> <p>ZEN 1.01.0450.0</p>	<p>54-8314-12mm</p>  <p>Type: Mitsubishi (PMGR) Pinion Teeth: 10T Rotation : CW Splines: 8 Pinion I.D.: 12 Pinion O.D.: 31.5 Length (mm): 51 Drive O.D. (mm): 46.5 Oem: M191T12171,13271 NI-2335420R10 FO-E922-11350A-B, SDE336 Use: FORD,NISSAN,MAZDA,CATERPILLAR</p> <p>ZEN 1.01.0596.0</p>
<p>54-8330</p>  <p>Type: Mitsubishi Pinion Teeth: 8T Rotation : CCW Splines: 4/8 Pinion I.D.: 12.1 Pinion O.D.: 28 Length (mm): 56 Drive O.D. (mm): 45 Oem: MB30118X45 Use: KIA</p> <p>ZEN 1.01.1054.0</p>	<p>54-83413</p>  <p>Type: Mitsubishi (OSGR) Rotation : CW Splines: 20 Length (mm): 126/144 Drive O.D. (mm): 69.5 Oem: M357X72672 M2T55271,M2T56471 M2T65271,M232415 Use: MI-FUSO NISSAN KOBELCO</p> <p>ZEN 1.01.1046.0</p>
<p>54-83414</p>  <p>Type: Mitsubishi (OSGR) 4.5,5kW Rotation : CW Splines: 20 Length (mm): 139/159 Drive O.D. (mm): 67.5 Oem: M3T56071-72-74-82-84 M18242 Use: HINO 6D14 NISSAN</p>	<p>54-83415</p>  <p>Type: Mitsubishi (PLGR) Rotation : CW Splines: 20 Length (mm): 111 Drive O.D. (mm): 60 Oem: M8T50071,M8T50171, Lester 17577,17578 Use: FORD 7.3L CATERPILLAR MI CANTER 4D33</p> <p>ZEN 1.01.0887.0</p>
<p>105-096 54-8314-13mm</p>  <p>Type: Mitsubishi Pinion Teeth: 10T Splines: 8 Pinion I.D.: 13 Pinion O.D.: 31 Length (mm): 51 Drive O.D. (mm): 44 Oem: M191T15071, M191-T68071,X68071 Use: MI L200-L300-4D56</p> <p>ZEN 1.01.1024.0</p>	<p>39204M</p>  <p>Type: Mitsubishi Pinion Teeth: 12T Rotation : CW Splines: 8 Pinion I.D.: 13.22 Pinion O.D.: 37.6 Length (mm): 51.5 Drive O.D. (mm): 46.5 Oem: M191X68471 Use: MI L200-L300</p> <p>ZEN 1.01.1035.0</p>

STARTER DRIVES

MITSUBISHI

<p>700176</p>  <p>Type: Mitsubishi Pinion Teeth: 13T Rotation : CW Splines: 10 Pinion DIA(mm): 55 Bushing DIA(mm): 17.1 Length (mm): 106.0 Clutch DIA(mm): 73.0</p>	<p>232229</p>  <p>Type: Mitsubishi Pinion Teeth: 20T Rotation : CW Splines: 5 Length (mm): 92.6 Clutch DIA(mm): 53.5</p>
<p>54-83401</p>  <p>Type: Mitsubishi NO OF TEETH: PINION DIA(mm): BUSHING DIA(mm): NO OF SPLINE: 20 LENGTH(mm): 117/135 CLUTCH DIA(mm): Rotation : CW OEM NO: M357T61671/71671</p>	<p>94271</p>  <p>Type: Mitsubishi NO OF TEETH: PINION DIA(mm): BUSHING DIA(mm): NO OF SPLINE: 20/5 LENGTH(mm): 92 CLUTCH DIA(mm): Rotation : CW OEM NO: 94271</p>
<p>137218</p>  <p>Type: Mitsubishi NO OF TEETH: 9T PINION DIA(mm): BUSHING DIA(mm): NO OF SPLINE: 8 LENGTH(mm): 74 CLUTCH DIA(mm): Rotation : CW OEM NO: 137218</p>	<p>54-8319</p>  <p>Type: Mitsubishi NO OF TEETH: 9T PINION DIA(mm): 29.5 BUSHING DIA(mm): 12.1 NO OF SPLINE: 4/8 LENGTH(mm): 56 CLUTCH DIA(mm): 45 Rotation : CW OEM NO: 1.01.0584.0</p>
<p>54-8314-13mm</p>  <p>Type: Mitsubishi (PMGR) Pinion Teeth: 10T Rotation : CW Splines: 8 Pinion I.D.: 13 Pinion O.D.: 31.5 Length (mm): 51 Drive O.D. (mm): 46.5 Oem: M191T12171,13271 NI-2335420R10 FO-E922-11350A-B, SDE336 ZEN 1.01.0596.0 Use: FORD,NISSAN,MAZDA,CATERPILLAR</p>	<p>54-8315</p>  <p>Type: Mitsubishi NO OF TEETH: 10T PINION DIA(mm): 28.0 BUSHING DIA(mm): 12.1 NO OF SPLINE: 8 LENGTH(mm): 51.0 CLUTCH DIA(mm): 45.5 Rotation : CW</p>
<p>54-8313</p>  <p>Type: Mitsubishi NO OF TEETH: 8 PINION DIA(mm): 26 BUSHING DIA(mm): 12 NO OF SPLINE: 8 LENGTH(mm): 51 Oem: M191T12070/12071/12471 Rotation : CW</p>	

DELCO

<p>54-114</p>  <p>ZEN 1.01.0188.0</p>	<p>Type: DELCO (DD) 40MT, BOSCH 420 Pinion Teeth: 11T Rotation : CW Splines: 19 Pinion I.D.: 19 Pinion O.D.: 56.5 Length (mm):120 Drive O.D. (mm): Oem: DELCO 1932031 BO-200-620-2001 Use: General Motors</p>	<p>54-117</p>  <p>ZEN 1.01.0914.0</p>	<p>Type: DELCO Pinion Teeth:12T Rotation : CCW Splines: 19 Pinion I.D.: 15.9 Pinion O.D.: 46.3 Length (mm): 120 Drive O.D. (mm): 58 Oem: 1893561, 1953151 Use:</p>
<p>54-118</p>  <p>ZEN 1.01.0117.0</p>	<p>Type: DELCO (DD) 40MT, BOSCH 420 Pinion Teeth: 12T Rotation : CW Splines: 19 Pinion I.D.: 19 Pinion O.D.: 46.5 Length (mm): 120 Drive O.D. (mm): Oem: DELCO 1918866,1921998,1932605 BO-200-620-2000 , 4N4517 Use:General Motors</p>	<p>54-123</p>  <p>ZEN 1.01.0110.0</p>	<p>Type: DELCO (DD) 40,42,50MT Pinion Teeth: 11T Rotation : CW Splines: 19 Pinion I.D.: 15.9 Pinion O.D.: 56.5 Length (mm): 120 Drive O.D. (mm): 58 Oem: 830620,1935487,1952083 195577, 1960370 Use:</p>
<p>54-124-1</p>  <p>ZEN 1.01.0097.0</p>	<p>Type: DELCO Pinion Teeth: 12T Rotation : CW Splines: 19 Pinion I.D.: 16.1 Pinion O.D.: 46 Length (mm): 120 Drive O.D. (mm): 57 Oem: Use:</p>	<p>54-8408</p>  <p>ZEN 1.01.0721.0</p>	<p>Type: DELCO (OSGR) 28MT Pinion Teeth: 10T Rotation : CW Splines: 12 Pinion I.D.: 14 Pinion O.D.: 40 Length (mm): 86 Drive O.D. (mm): 60 Oem: 10457122 Use:</p>
<p>54-8410</p>  <p>ZEN 1.01.0723.0</p>	<p>Type: DELCO (OSGR) 28MT Pinion Teeth: 12T Rotation : CW Splines: 12 Pinion I.D.: 14 Pinion O.D.: 46.5 Length (mm): 86 Drive O.D. (mm): 60 Oem: 10457141 (M10479600) Use:</p>	<p>54-168</p> 	<p>Type: DELCO Pinion Teeth: 11T Rotation : CW Splines: 6 Pinion DIA: 29.5 Bushing DIA: 12.1 Length (mm): 47.0 Clutch DIA(mm): 45.5</p>
<p>54-157</p> 	<p>Type: DELCO NO OF TEETH: 9T PINION DIA : 25.5 BUSHING DIA : 12 NO OF SPLINE : 6 LENGTH : 45 CLUTCH DIA : Rotation : CW Oem: 21020761,10475974</p>	<p>138308</p>  <p>DR-11426B</p>	<p>Type: DELCO NO OF TEETH: 11T PINION DIA : 42.0 BUSHING DIA : 16.1 NO OF SPLINE : 19 LENGTH : 118 CLUTCH DIA : 57.0 Rotation : CW</p>

STARTER DRIVES










DELCO

54-132-1









Type: DELCO
 NO OF TEETH: 12T
 PINION DIA : 46.0
 BUSHING DIA : 14.3
 NO OF SPLINE : 3
 LENGTH : 100
 CLUTCH DIA : 60.0
 Rotation : CW
 THE SPLINE DIM = 23.0m/m
 CLUTCH ROLLER = 24m/m
 OEM NO:37MT , 1985262







HITACHI

<p>54-8100</p>  <p>Type: HITACHI (DD,OSGR) Pinion Teeth: 9T Rotation : CW Splines: 12 Pinion I.D.: 14 Pinion O.D.: 35.5 Length (mm): 69 Drive O.D. (mm): 60 Oem: 2120-25001,-45002,-55002,-75002, 85001,-85002,2250335001-HI Use: NISSAN SD22</p> <p>ZEN 1.01.0448.0</p>	<p>54-8101</p>  <p>Type: HITACHI (DD) Pinion Teeth: 8T Rotation : CW Splines: 10 Pinion I.D.: 12.5 Pinion O.D.: 28 Length (mm): 60 Drive O.D. (mm): 46.5 Oem: 211445504,23312D0100 Use: JOHNDEERE NISSAN BLUEBIRD-STANZA-URVAN</p> <p>ZEN 1.01.0499.0</p>
<p>54-8105</p>  <p>Type: HITACHI (DD) Pinion Teeth: 9T Rotation : CW Splines:12 Pinion I.D.: 14 Pinion O.D.: 32.5 Length (mm): 69 Drive O.D. (mm): 60 Oem: 2120-3500,-35001,-7500,-7530,-7550 IS-5811-130170,-2300-20,-230070,-230160, 9821212380</p> <p>ZEN 1.01.0376.0</p>	<p>54-8125</p>  <p>Type: HITACHI Pinion Teeth: 9/41T Rotation : CW Splines: 10 Pinion O.D.: 32 Length (mm): 87 Crown O.D. (mm): 53.2 BEARING : Oem:2130-35009,-75002,-75003,-85003 Use: ISUZU</p> <p>ZEN 1.01.0792.0</p>
<p>54-8133A</p>  <p>Type: HITACHI (OSGR) Pinion Teeth: 9T Rotation : CW Pinion I.D.: 13 Pinion O.D.: 35.5 Length (mm): 95 Crown O.D. (mm): 53.2 Oem: 2114-15507, -85501, 21301502, 2130-65001, -75004, 2331210G00 Use: NISSAN BIG-M</p> <p>ZEN 1.01.0790.0</p>	<p>54-81400B</p>  <p>Length (mm): 50 BEARING : 6904,6004</p> <p>ZEN</p>
<p>54-8133</p>  <p>Type: HITACHI Pinion Teeth: 9T Rotation : CW Pinion I.D.: 13 Pinion O.D.: 35.0 Length (mm): 87 Crown O.D. (mm): 53.5 BEARING : 6005 Oem: Use: FONTEAR</p> <p>ZEN</p>	<p>2240-1501</p>  <p>Type: HITACHI Pinion Teeth: 9T Rotation : CW Pinion I.D.: 13 Pinion O.D.: 32.5 Length (mm): 100 Crown O.D. (mm): 64.6 BEARING : 6005 Oem: Use:</p> <p>ZEN</p>
<p>2240-2500</p>  <p>Type: HITACHI (OSGR) Pinion Teeth: 9/41T Rotation : CW Pinion I.D.: 12.5 Pinion O.D.: 35.35 Length (mm): 100 Crown O.D. (mm): 64.5 BEARING : 6005 Oem: 2240-8400,-8500,-9500 894-3655480,-1529750,-3349760, -3654800 Use: ISUZU NPR1 15HP (4JBC2)</p> <p>ZEN</p>	<p>2240-2501</p>  <p>Type: HITACHI Pinion Teeth: 11/41T Rotation : CCW Splines: 10 Pinion O.D.: 40 Length (mm): 115 Crown O.D. (mm): 64.5 BEARING : 6005,6905 Oem: Use: ISUZU NPR 4BE1,4BGF1,4HF1</p> <p>ZEN</p>

HITACHI

<p>2240-4500</p>  <p>Type: HITACHI (OSGR) Pinion Teeth: 11T Rotation : CCW Pinion O.D.: 40 Length (mm): 103 Crown O.D. (mm): 64.5 BEARING : 6005, 6905 Oem: 23312-02-N00 ,S13-107C</p> <p>ZEN</p>	<p>54-8152</p>  <p>Type: HITACHI Pinion Teeth: 10T Rotation : CCW Pinion DIA: 33.0 Length (mm): 75.0 Clutch DIA (mm): 45.5 Bushing DIA(mm): 12.6 No of Spline: 5 Spline</p>
<p>2250-95004</p>  <p>Type: HITACHI Pinion Teeth: 11T Rotation : CCW Pinion O.D.: 40 Length (mm): 132 Oem: 2250-95004</p>	<p>54-198A9286</p>  <p>Type: HITACHI Pinion Teeth: 9T Rotation : CCW Pinion O.D.: 28.6 Length (mm): 39.5 Clutch DIA (mm): 45.7 Bushing DIA(mm): 12.6 No of Spline: 7 Spline</p>
<p>1.01.0667.0</p>  <p>Type: HITACHI Pinion Teeth: 9T Rotation : CW Pinion O.D.: 29.5 Length (mm): 56 Oem: 2114-65014,23312-30R00 No of splin : 10 Bushing Dia : 12.5 Clutch OD : 49 For: Hitachi PMGR Starters</p>	<p>54-8130</p>  <p>Type: HITACHI Pinion Teeth: 11T Rotation : CW Pinion O.D.: 40 Length (mm): 78 No of splin : 12 Bushing Dia : 16.1 Clutch OD : 60</p> <p>HT-207</p>
<p>54-8309</p>  <p>Type: HITACHI Pinion Teeth: 9T Rotation : CW Pinion O.D.: 32.0 Length (mm): 95 WITH 608 BEARING Clutch OD : 53.5</p> <p>HT-S0932B</p>	<p>2240-4500-9T</p>  <p>Type: HITACHI Pinion Teeth: 9T Rotation : CW PINION DIA.: 35.0 LENGTH (mm): 101.0 NO OF SPLINE : 12 CLUTCH DIA : 64.5 WITH 608 BEARING</p>

LUCAS

<p>54-9200</p>  <p>ZEN 1.01.0155.0</p>	<p>Type: LUCAS (DD) 2M113,M45G,M127 Pinion Teeth: 10T Rotation : CW Splines: 12 Pinion I.D.: 17 Pinion O.D.: 40 Length (mm): 73 Drive O.D. (mm): 60 Oem: TMB120,TMB165,542-47034, -47036 542-68141, -94922, 60600024 Use: MASSEY</p>	<p>54-9202-2</p>  <p>ZEN 1.01.0096</p>	<p>Type: LUCAS (DD) M50 Pinion Teeth: 10T Rotation : CW Splines: 12 Pinion I.D.: 17 Pinion O.D.: 40 Length (mm): 70 Drive O.D. (mm): 60 Use: FORD TRACTOR Oem: 5424-3783, -6738, -6896, -7187 223187, TMB115</p> <p>FORD D 0,1,2NN-11350-A</p>
<p>54-9213</p>  <p>ZEN 1.01.0480 WAl:54-9213</p>	<p>Type: LUCAS (DD) M127 Pinion Teeth: 10T Rotation : CW Splines: 12 Pinion I.D.: 17 Pinion O.D.: 40 Length (mm): 70 Drive O.D. (mm): 60 Drive O.D. (mm): 60 Crown O.D. (mm): Oem: TMB148,542-47393,-68139,-90585</p> <p>Use: FORD TRACTOR</p>	<p>1.01.0322.0</p> 	<p>Type: LUCUS NO OF TEETH: 10T PINION DIA(mm): 40.0 BUSHING DIA(mm): 17.1 NO OF SPLINE: 3 SPLINE LENGTH(mm): 70.0 CLUTCH DIA(mm): 60.0 Rotation : CW SLOW SPLINE(36')</p>
<p>5424-7762</p> 	<p>Type: LUCAS Pinion Teeth: 10T Pinion DIA : 27.0 m/m Bushing DIA : 12.1 m/m NO OF SPLINE: 9 SPLINE Length: 60.5 m/m Clutch DIA : 45.5 m/m Rotation : CW</p>	<p>54-9201</p>  <p>ZEN 1.01.0064.0</p>	<p>Type: LUCAS Pinion Teeth: 10T Rotation : CW Splines: 3 Pinion DIA: 40 Bushing DIA: 17.1 Length (mm): 70 Clutch DIA: 60.0</p>

BOSCH










<p>54-9100</p>  <p>Type: BOSCH Pinion Teeth: 9T Rotation : CCW Splines: 10 Pinion I.D.: 11.1 Pinion O.D.: 25.8 Length (mm): 62 Drive O.D. (mm): 45.5 Oem:1006209-424,9001082669 Use: VOLKSWAGEN GOLF</p> <p>ZEN 1.01.0323.0</p>	<p>54-9101</p>  <p>Type: BOSCH Pinion Teeth: 9T Rotation : CW Splines: 10 Pinion I.D.: 12.1 Pinion O.D.: 25.8 Length (mm): 64 Drive O.D. (mm): 45.5 Oem:1006209219,-400,-412,9001082750, ZBA911335 Use: AUDI,FORD,OPEL,VOLKSWAGEN</p> <p>ZEN 1.01.0068.0</p>
<p>54-9108</p>  <p>Type: BOSCH Pinion Teeth: 9T Rotation : CW Splines: 10 Pinion I.D.: 14.3 Pinion O.D.: 34 Length (mm): 91 Drive O.D. (mm): 60 Oem: 2006209421,-436-446,-447 9001083406,-436, 9002453073 Use:KOMATSU,MASSEY FERGUSON,</p> <p>ZEN 1.01.0150.0</p>	<p>54-9113</p>  <p>Type: BOSCH (DD) 359,360,364,365 Pinion Teeth: 11T Rotation : CW Splines: 10 Pinion I.D.: 14.3 Pinion O.D.: 40.5 Length (mm): 91 Drive O.D. (mm): 60 Oem:20062094-08,-23,-38,90024530-10,-81</p> <p>ZEN 1.01.0392.0</p>
<p>54-9118</p>  <p>Type: BOSCH Pinion Teeth: 9T Rotation : CW Splines: 10 Pinion I.D.: 12.1 Pinion O.D.: 25.8 Length (mm): 71 Drive O.D. (mm): 53.5 Oem:2006209471,-500 Use:AUDI,MERCEDES,VOLKSWAGEN, VOLVO</p> <p>ZEN 1.01.0228.0</p>	<p>54-9121</p>  <p>Type: BOSCH Pinion Teeth: 9T Rotation : CW Splines: 10 Pinion I.D.: 14.3 Pinion O.D.: 34 Length (mm): 74 Drive O.D. (mm): 60</p> <p>Use:2006209449,-469,-476,-485</p> <p>ZEN 1.01.0366.0</p>
<p>54-9123</p>  <p>Type: BOSCH (DD) 362,363,366,367,368 Pinion Teeth: 9T Rotation : CW Splines: 10 Pinion I.D.: 14.3 Pinion O.D.: 34 Length (mm): 91 Drive O.D. (mm): 60 Oem: 2006209-492, -530, -536, -930 1902-4520, -5715</p> <p>ZEN 1.01.0367.0</p>	<p>54-9130</p>  <p>Type: BOSCH Pinion Teeth: 9T Rotation : CW Splines: 10 Pinion I.D.: 12.1 Pinion O.D.: 25.8 Length (mm): 64 Drive O.D. (mm): 45.5 Oem:1006209402, 2006209273 Use:Mercedes 200,220,230,250,280,350</p> <p>ZEN 1.01.0221.0</p>
<p>54-9140</p>  <p>Type: BOSCH Pinion Teeth: 9T Rotation : CW Splines: 10 Pinion I.D.: 12.1 Pinion O.D.: 25.8 Length (mm): 58.5 Drive O.D. (mm): 45.5 Oem:9001066255 Use:General Motors OMEGA 3.8 V6</p> <p>ZEN 1.01.0919.0</p>	<p>54-9150</p>  <p>Type: BOSCH (DD) 362,367,369 Pinion Teeth: 10T Rotation : CW Splines: 10 Pinion I.D.: 14.3 Pinion O.D.: 32 Length (mm): 91 Drive O.D. (mm): 60 Oem: 20062094-27, -57, -59 Use: JOHNDEERE</p> <p>ZEN 1.01.0635.0</p>

BOSCH

<p>54-9151</p>  <p>Type: BOSCH (DD) 367,368,369 Pinion Teeth: 10T Rotation : CW Splines: 10 Pinion I.D.: 14.3 Pinion O.D.: 40 Length (mm): 91 Drive O.D. (mm): 60 Oem: 2006209-495, -532 Use: CATERPILLAR, FORD, VOLVO</p> <p>ZEN 1.01.0418.0</p>	<p>54-9155</p>  <p>Type: BOSCH Pinion Teeth: 10T Rotation : CW Splines: 10 Pinion I.D.: 12.1 Pinion O.D.: 28 Length (mm): 58.5 Drive O.D. (mm): 45.5</p> <p>ZEN 1.01.0630.0</p>
<p>54-91400</p>  <p>Type: BOSCH (DD) 410-418 Length (mm): 165 Oem: 20031620-05, -06, -16, 2006401527 LU-223197 Use: CATERPILLAR, KOMATSU, MASSEY BENZ TRUCK</p> <p>ZEN 1.01.0133.0</p>	<p>151030</p>  <p>Type: BOSCH Pinion Teeth: 11T Rotation : CW Splines: 10 Pinion I.D.: 12 Pinion O.D.: 29.5 Length (mm): 50 Drive O.D. (mm): 54 Oem: 1006-209-646, 0001-109-026 Use: CITROEN XM</p> <p>ZEN 1.01.1030.0</p>
<p>54-15642</p>  <p>Type: BOSCH NO OF TEETH: 10T PINION DIA : 28.0m/m BUSHING DIA : 12.1m/m NO OF SPLINE : 10 SPLINE LENGTH : 49.0m/m CLUTCH DIA : 53.5m/m Rotation : CW</p>	<p>1.01.1483.0</p>  <p>Type: BOSCH NO OF TEETH: 9T PINION DIA : 34m/m BUSHING DIA : 12.1m/m NO OF SPLINE : 16 SPLINE LENGTH : 62.0 m/m CLUTCH DIA : 53.5 m/m Rotation : CW</p>
<p>54-1201</p>  <p>Type: BOSCH NO OF TEETH: 9T PINION DIA : 25.8m/m BUSHING DIA : 47.5m/m NO OF SPLINE : 10 SPLINE LENGTH : 58.5m/m Rotation : CCW</p>	

STARTER DRIVES

NIPPONDENSO

<p>54-8136</p>  <p>Type: NIPPONDENSO Pinion Teeth: 9T Rotation : CW Splines: 5 Pinion I.D.: 11.1 Pinion O.D.: 29.5 Length (mm): 53 Crown O.D. (mm): 42.5</p> <p>ZEN1.01.0841.0</p>	<p>54-8205</p>  <p>Type: NIPPONDENSO Pinion Teeth: 9T Rotation : CW Splines: 5 Pinion I.D.: 12.6 Pinion O.D.: 29.5 Length (mm): 86 Crown O.D. (mm): 45.5</p> <p>ZEN</p>
<p>54-8207</p>  <p>Type: NIPPONDENSO Pinion Teeth: 9T Rotation : CW Splines: 5 Pinion I.D.: 12.6 Pinion O.D.: 29.5 Length (mm): 82 Crown O.D. (mm): 45.5</p> <p>ZEN</p>	<p>54-8208</p>  <p>Type: NIPPONDENSO Pinion Teeth: 9T Rotation : CW Splines: 5 Pinion I.D.: 12.6 Pinion O.D.: 29.5 Length (mm): 64 Crown O.D. (mm): 45.5</p> <p>ZEN1.01.0184.0</p>
<p>54-8209-9</p>  <p>Type: NIPPONDENSO (OSGR) Pinion Teeth: 9T Rotation : CW Pinion I.D.: Pinion O.D.: 31.5 Length (mm): 102 Crown Teeth: 40 Crown O.D. (mm): 53.8 Oem: 0283001841, 5811240030 Use: ISUZU KBD, TROOPER</p> <p>ZEN 1.01.0946.0</p>	<p>54-82402B</p>  <p>Length (mm): 65.5 Crown Teeth: 40</p> <p>BEARING : 6004</p>
<p>54-8221</p>  <p>Type: NIPPONDENSO Pinion Teeth: 8T Rotation : CW Splines: 5 Pinion I.D.: 12.6 Pinion O.D.: 28 Length (mm): 60 Crown O.D. (mm): 45.5</p> <p>ZEN</p>	<p>54-8225</p>  <p>Type: NIPPONDENSO (OSGR) Pinion Teeth: 10T Rotation : CW Pinion O.D.: 33 Length (mm): 83 Crown Teeth: 40 Crown O.D. (mm): 53.8 BEARING : 6004, 6904 Oem: 28300-7270, -7760 Use: TOYOTA HILUX</p> <p>ZEN1.01.0816.0</p>
<p>54-8230</p>  <p>Type: NIPPONDENSO Pinion Teeth: 8T Rotation : CW Splines: 5 Pinion I.D.: 12.6 Pinion O.D.: 28 Length (mm): 82 Crown O.D. (mm): 45.5</p> <p>ZEN</p>	<p>54-8234</p>  <p>Type: NIPPONDENSO Pinion Teeth: 8 Rotation : CW Splines: 5 Pinion I.D.: 11.1 Pinion O.D.: 28 Length (mm): 53 Crown O.D. (mm): 42.5</p> <p>ZEN1.01.0808.0</p>











STARTER DRIVES

NIPPONDENSO

<p>54-8241</p> 	<p>Type: NIPPONDENSO (OSGR) 3.0,4.5,5.5kW Pinion Teeth: 11T Rotation : CW Splines: 16 Pinion O.D.: 40 Length (mm): 146 Drive O.D. (mm): 58 Crown O.D. (mm): 56 Oem: 028300-2012,-4551 Use: TOYOTA , ISUZU</p>	<p>54-82400</p> 	<p>Type: NIPPONDENSO (OSGR) 2.5,3.0,4.5,5.5kW Splines: 10 Length (mm): 92.2 Drive O.D. (mm): 58 Crown O.D. (mm): 56 BEARING : 6005 Oem: 028300-5380, -5481</p>
<p>ZEN</p> <p>54-8240</p> 	<p>Type: NIPPONDENSO Pinion Teeth: 9T Rotation : CW Splines: 5 Pinion I.D.: 12.6 Pinion O.D.: 35 Length (mm): 82 Crown O.D. (mm): 45.5</p>	<p>ZEN</p> <p>28011-54070</p> 	<p>Type: NIPPONDENSO Pinion Teeth: 11T Rotation : CW Splines: 10 Pinion O.D.: 40 Length (mm): 102 Crown O.D. (mm): 54 BEARING : 6004 Use: TOYOTA MIGHTY-X</p>
<p>ZEN</p> <p>151214</p> 	<p>Type: NIPPONDENSO Pinion Teeth: 10T Rotation : CW Splines: 10 Pinion O.D.: 38 Length (mm): 84 Crown O.D. (mm): 53 BEARING : 6004, 6904 Oem: 28011-54380, 028300-7700</p>	<p>ZEN1.01.0921.0</p> <p>10106640</p> 	<p>Type: NIPPONDENSO Pinion Teeth: 9T Rotation : CW Splines: 3 Pinion I.D.: 14.1 Pinion O.D.: 35 Length (mm): 82 Crown O.D. (mm): 63</p>
<p>ZEN</p> <p>28300-1030</p> 	<p>Type: NIPPONDENSO Pinion Teeth: 9T Rotation : CW Splines:3 Pinion I.D.: 14.1 Pinion O.D.: 35 Length (mm): 78 Crown O.D. (mm): 63</p>	<p>ZEN1.01.0664.0</p> <p>28300-1300</p> 	<p>Type: NIPPONDENSO Pinion Teeth: 9T Rotation : CW Splines: 3 Pinion I.D.: 14.1 Pinion O.D.: 35 Length (mm): 78 Crown O.D. (mm): 63</p>
<p>ZEN</p> <p>QD6070</p> 	<p>Type: NIPPONDENSO (PLGR) Pinion Teeth: 9T Rotation : CW Splines: 5 Pinion I.D.: 11 Pinion O.D.: 29.6 Length (mm): 53.5 Drive O.D. (mm): 43.5 Oem: 2830066070 (M31200P1RA52) ISUZU 8-94367-772-0,KUBOTA K351181431 WAI 54-8232-5 Use: TOYOTA LIMO 4A-4E-5A-5E</p>	<p>ZEN</p> <p>6860</p> 	<p>Type: NIPPONDENSO Pinion Teeth: 8T Rotation : CCW Splines: 5 Pinion I.D.: 13 Pinion O.D.: 26 Length (mm): 84 Drive O.D. (mm): 47 Oem: 028300-0851, -1020 Use: TUK-TUK</p>
<p>ZEN 1.01.0809.0</p>		<p>ZEN</p>	

STARTER DRIVES

NIPPONDENSO

<p>28300-5540</p>  <p>ZEN</p>	<p>Type: NIPPONDENSO Pinion Teeth: 9T Rotation : CCW Splines: 5 Pinion I.D.: 11 Pinion O.D.: 26 Length (mm): 75 Drive O.D. (mm): 41 Oem: 28300-5540</p> <p>Use: TUK-TUK</p>	<p>150.0321-F</p>  <p>Type: NIPPONDENSO NO OF TEETH: PINION DIA(mm): BUSHING DIA(mm): NO OF SPLINE: LENGTH(mm): CLUTCH DIA(mm):</p>
<p>028300-0931</p> 	<p>Type: NIPPON DENSO NO OF TEETH: 9T PINION DIA(mm): 29.5 BUSHING DIA(mm): 12.6 NO OF SPLINE: 5 SPLINE LENGTH(mm): 64.0 CLUTCH DIA(mm): 45.5 Rotation : CW</p>	<p>1.01.0324.0</p>  <p>Type: NIPPON DENSO NO OF TEETH: 9T PINION DIA(mm): 29.5 BUSHING DIA(mm): 12.6 NO OF SPLINE: 5 SPLINE LENGTH(mm): 74.0 CLUTCH DIA(mm): 45.5 Rotation : CW</p>
<p>28011.87505</p> 	<p>Type: NIPPON DENSO NO OF TEETH: 8T PINION DIA(mm): 24.8 BUSHING DIA(mm): 11.1 NO OF SPLINE: 5 SPLINE LENGTH(mm): 75.0 CLUTCH DIA(mm): 42.5 Rotation : CW</p>	<p>028300-5260</p>  <p>Type: NIPPON DENSO NO OF TEETH: 9T PINION DIA(mm): 25.8 BUSHING DIA(mm): 11.1 NO OF SPLINE: 5 SPLINE LENGTH(mm): 75.0 CLUTCH DIA(mm): 42.5 Rotation : CCW</p>
<p>028300-5800</p> 	<p>Type: NIPPON DENSO NO OF TEETH: 8T PINION DIA(mm): 28.0 BUSHING DIA(mm): 11.1 NO OF SPLINE: 5 SPLINE LENGTH(mm): 75.0 CLUTCH DIA(mm): 42.5 Rotation : CW</p>	<p>28226-28041</p>  <p>Type: NIPPON DENSO NO OF TEETH: 13T PINION DIA(mm): 40.0 LENGTH(mm): 95.5 CLUTCH DIA(mm): 42.5 Rotation : CCW</p> <p>TOYOTA CAMRY TOYOTA WISH</p>
<p>5446-3008</p> 	<p>Type: NIPPON DENSO NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): NO OF SPLINE: LENGTH(mm): 146.0 CLUTCH DIA(mm): Rotation : CCW OEM NO: 12800-1561, 128000-1560</p>	<p>SH-87101</p>  <p>Type: NIPPON DENSO NO OF TEETH: 8T PINION DIA(mm): 28.3 BUSHING DIA(mm): 11 NO OF SPLINE: 5 LENGTH(mm): 53.5 CLUTCH DIA(mm): Rotation : CW</p>

STARTER DRIVES

NIPPONDENSO

<p>54-8232</p>  <p>Type: NIPPON DENSO NO OF TEETH: 9T PINION DIA(mm): 29 BUSHING DIA(mm): 11 NO OF SPLINE: 5 LENGTH(mm): 53 CLUTCH DIA(mm): Rotation : CW OEM NO: 028300-6960,5400</p>	<p>54-8233</p>  <p>Type: NIPPON DENSO NO OF TEETH: 8T NO OF SPLINE: 5 Rotation : CW Used On:(1989-86) Isuzu Unit : Nippondenso 128000-427 Lester : 16879, 17187 WAI Ref. : 2-1433-ND Dim: 11mm ID, 28mm Gear OD, 53mm L</p>
<p>28100-0D140</p>  <p>Type: NIPPON DENSO NO OF TEETH: 9T PINION DIA(mm): 29.5 BUSHING DIA(mm): 11 NO OF SPLINE: 5 LENGTH(mm): 64 Rotation : CW OEM NO: TE428000-2850,28100-0D140</p>	<p>028300-5370</p>  <p>Type: SUZUKI NO OF TEETH: 9T PINION DIA(mm): 29.5 BUSHING DIA(mm): 11 NO OF SPLINE: 5 LENGTH(mm): 75 Rotation : CW OEM NO: 028300-5370,31207PH9004</p>
<p>28021-73020</p>  <p>Type: NIPPON DENSO NO OF TEETH: 9T PINION DIA(mm): 29.7 BUSHING DIA(mm): 11 NO OF SPLINE: 10 LENGTH(mm): 42 CLUTCH O/D(mm): 45 Rotation : CW FOR USE ON: NEW CAMRY 2.4 VIGO BENZINE 2.7 FORTUNER 2.7</p>	<p>28021-21060</p>  <p>Type: NIPPON DENSO NO OF TEETH: 10T PINION DIA(mm): 32 BUSHING DIA(mm): 11 NO OF SPLINE: 10 LENGTH(mm): 42 CLUTCH O/D(mm): 45 Rotation : CW FOR USE ON: CAMRY 2.2</p>
<p>28300-64010</p>  <p>Type: NIPPON DENSO NO OF TEETH: 10T PINION DIA(mm): 38 BUSHING DIA(mm): NO OF SPLINE: LENGTH(mm): 102 CLUTCH O/D(mm): Rotation : CW</p>	<p>54-8235</p>  <p>Type: NIPPON DENSO NO OF TEETH: 9T PINION DIA(mm): 29.5 BUSHING DIA(mm): NO OF SPLINE: LENGTH(mm): 83 CLUTCH O/D(mm): 54 Rotation : CW</p>

NIKKO

<p>54-8412</p>  <p>Type: NIKKO (OSGR) 4.5kW Pinion Teeth: 11T Rotation : CW Splines: 12 Pinion I.D.: 15 Pinion O.D.: 40.5 Length (mm): 84 Drive O.D. (mm): 60 Oem: 02300010-30, -31, -50, -70, -71, -80 123500-0010,18100,18191 Use: KOBELCO</p> <p>ZEN 1.01.0894.0</p>	<p>54-8415</p>  <p>Type: NIKKO Pinion Teeth: 9T Rotation : CW Splines: 12 Pinion I.D.: 14.1 Pinion O.D.: 35 Length (mm): 82 Drive O.D. (mm): 60 Oem: 021500-2000,-1,18193</p> <p>ZEN 1.01.0850.0</p>
<p>15320</p>  <p>Type: NIKKO Pinion Teeth: 13T Rotation : CW Splines: 12 Pinion I.D.: 15 Pinion O.D.: 47 Length (mm): 90 Drive O.D. (mm): 63 Oem:1-23500-0250, -0251</p> <p>ZEN</p>	<p>15420</p>  <p>Type: NIKKO Pinion Teeth: 12T Rotation : CW Splines: 15 Pinion I.D.: 19 Pinion O.D.: 46 Length (mm): 97 Drive O.D. (mm): 76 Oem: 1-23500-0170,0-23000-6250, -6530</p> <p>ZEN</p>
<p>81122-0270</p>  <p>Type: NIKKO Pinion Teeth: 9T Rotation : CW Splines: 12 Pinion I.D.: 14.1 Pinion O.D.: 32 Length (mm): 82 Drive O.D. (mm): 60 Oem: 121500-2060</p>	<p>82121-2200</p>  <p>Type: NIKKO Pinion Teeth: 11T Rotation : CW Splines: 6 Pinion I.D.: 16.1 Pinion O.D.: 40 Length (mm): 95 Drive O.D. (mm): 55 Oem:121500-0713,-0720,-0910,-0990,-0991,-1990</p>
<p>023500-0251</p>  <p>Type: NIKKO NO OF TEETH: 13T PINION DIA(mm): 46.0 BUSHING DIA(mm): 15.1 NO OF SPLINE: 12 SPLINE LENGTH(mm): 90.0 CLUTCH DIA(mm): 60.0 LEVEL PLATE : 13.4 m/m Rotation : CW</p>	<p>023500-0430</p>  <p>Type: NIKKO NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 14.1 NO OF SPLINE: 12 SPLINE LENGTH(mm): 82.0 CLUTCH DIA(mm): 60.0 LEVEL PLATE : 13.4 m/m Rotation : CW</p>
<p>121500-0713</p>  <p>Type: NIKKO NO OF TEETH: 11T PINION DIA(mm): 48.0 BUSHING DIA(mm): 19.1 NO OF SPLINE: 4 SPLINE LENGTH(mm): 108.0 CLUTCH DIA(mm): 60.0 Rotation : CW</p>	<p>121500-0780</p>  <p>Type: NIKKO NO OF TEETH: 11T PINION DIA(mm): 56.0 BUSHING DIA(mm): 19.1 NO OF SPLINE: 4 SPLINE LENGTH(mm): 110.3 CLUTCH DIA(mm): 60.0 Rotation : CW</p>

NIKKO

<p>121500-1040</p>  <p>Type: NIKKO NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 16.1 NO OF SPLINE: 15 SPLINE LENGTH(mm): 101.0 CLUTCH DIA(mm): 55.0 Rotation : CW</p>	<p>121500-1460</p>  <p>Type: NIKKO NO OF TEETH: 13T PINION DIA(mm): 46.0 BUSHING DIA(mm): 16.1 NO OF SPLINE: 15 SPLINE LENGTH(mm): 101.0 CLUTCH DIA(mm): 55.0 Rotation : CW</p>
<p>121500-1430</p>  <p>Type: NIKKO NO OF TEETH: 11T PINION DIA(mm): 48.0 BUSHING DIA(mm): 19.1 NO OF SPLINE: 15 SPLINE LENGTH(mm): 113.0 CLUTCH DIA(mm): 60.0 Rotation : CW</p>	<p>121500-1530</p>  <p>Type: NIKKO NO OF TEETH: 11T PINION DIA(mm): 56.0 BUSHING DIA(mm): 19.1 NO OF SPLINE: 15 SPLINE LENGTH(mm): 113.0 CLUTCH DIA(mm): 60.0 Rotation : CW</p>
<p>121500-1640</p>  <p>Type: NIKKO NO OF TEETH: 12T PINION DIA(mm): 46.0 BUSHING DIA(mm): 19.1 NO OF SPLINE: 15 SPLINE LENGTH(mm): 113.0 CLUTCH DIA(mm): 60.0 Rotation : CW</p>	<p>121500-1220</p>  <p>Type: NIKKO NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 16.1 NO OF SPLINE: 4 SPLINE LENGTH(mm): 98.0 CLUTCH DIA(mm): 55.0 Rotation : CW</p>
<p>54-8401</p>  <p>Type: NIKKO NO OF TEETH: 10T PINION DIA(mm): 40.0 BUSHING DIA(mm): 14.1 NO OF SPLINE: 12 SPLINE LENGTH(mm): 85.0 CLUTCH DIA(mm): 60.0 HEAVY DUTY 24 m/m ROLLER PNE NO NIK_23040H Rotation : CW</p>	<p>135671</p>  <p>Type: NIKKO NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 15.1 NO OF SPLINE: 12 SPLINE LENGTH(mm): 90.0 CLUTCH DIA(mm): 60.0 Rotation : CW</p>
<p>54-8413</p>  <p>Type: NIKKO NO OF TEETH: 9T PINION DIA(mm): 32.0 BUSHING DIA(mm): 13.1 NO OF SPLINE: 12 SPLINE LENGTH(mm): 70.0 CLUTCH DIA(mm): 60.0 Rotation : CW LEVEL PLATE = 13.4m/m</p> <p>NIK-24932</p>	

SAWAFUJI



<p>28011-1390</p>  <p>Type: SAWAFUJI Pinion Teeth: 11T Rotation : CW Splines: 16 Pinion I.D.: 17.1 Pinion O.D.: 40 Length (mm):75 Drive O.D. (mm): 60 Oem: 1361-052-00,23313-Z9000 Use: HINO, NI DIESEL</p> <p>ZEN 1.01.1098.0</p>	<p>28011-1230</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 15.1 NO OF SPLINE: 20 SPLINE LENGTH(mm): 98.0 CLUTCH DIA(mm): 55.0 Rotation : CW</p>
<p>28011-1040</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 15.1 NO OF SPLINE: 20 SPLINE LENGTH(mm): 88.5 CLUTCH DIA(mm): 55.0 Rotation : CW</p>	<p>28011-1050</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 15.1 NO OF SPLINE: 20 SPLINE LENGTH(mm): 92.0 CLUTCH DIA(mm): 55.0 Rotation : CW</p>
<p>28011-1070</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 48.0 BUSHING DIA(mm): 19.1 NO OF SPLINE: 20 SPLINE LENGTH(mm): 105.0 CLUTCH DIA(mm): 58.0 Rotation : CW</p>	<p>28011-1010</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 48.0 BUSHING DIA(mm): 19.1 NO OF SPLINE: 20 SPLINE LENGTH(mm): 114.5 CLUTCH DIA(mm): 58.0 Rotation : CW</p>
<p>28011-1240</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 48.0 BUSHING DIA(mm): 19.1 NO OF SPLINE: 16 SPLINE LENGTH(mm): 92.5 CLUTCH DIA(mm): 76.0 Rotation : CW</p>	<p>28011-1180</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 17.1 NO OF SPLINE: 16 SPLINE LENGTH(mm): 90.0 CLUTCH DIA(mm): 76.0 Rotation : CW</p>
<p>28011-1360</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 48.0 BUSHING DIA(mm): 19.1 NO OF SPLINE: 16 SPLINE LENGTH(mm): 86.5 CLUTCH DIA(mm): 73.0 Rotation : CW</p>	<p>28011-1430</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 17.1 NO OF SPLINE: 16 SPLINE LENGTH(mm): 86.5 CLUTCH DIA(mm): 73.0 Rotation : CW</p> <p>SF-308B</p>

SAWAFUJI

<p>28011-1340</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 17.1 NO OF SPLINE: 16 SPLINE LENGTH(mm): 81.5 CLUTCH DIA(mm): 60.0 Rotation : CW</p>	<p>28011-1380</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 48.0 BUSHING DIA(mm): 20.1 NO OF SPLINE: 16 SPLINE LENGTH(mm): 97.0 CLUTCH DIA(mm): 80.0 THE 16 SPLINE DIA IS 26 m/m Rotation : CW</p>
<p>28255-1022</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 40.0 BUSHING DIA(mm): 16.0 NO OF SPLINE: 10 SPLINE LENGTH(mm): 127.0 CLUTCH DIA(mm): 64.0 FOR HINO JO8C GEAR REDUCTION TYPE Rotation : CW</p>	<p>28011-1630</p>  <p>Type: SAWAFUJI NO OF TEETH: 18T PINION DIA(mm): 18.9 BUSHING DIA(mm): 28 NO OF SPLINE: 5 SPLINE LENGTH(mm): 130 CLUTCH DIA(mm): 71</p> <p>460-1148</p>
<p>28011-1350</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 40.5 BUSHING DIA(mm): 17 NO OF SPLINE: 16 SPLINE LENGTH(mm): 80.5 CLUTCH DIA(mm): 69 Rotation : CW</p>	<p>28011-1490</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 40 BUSHING DIA(mm): 17 NO OF SPLINE: 16 SPLINE LENGTH(mm): 86.5 CLUTCH DIA(mm): 71 Rotation : CW</p>
<p>54-APC-279</p>  <p>Type: SAWAFUJI NO OF TEETH: 11T PINION DIA(mm): 40 BUSHING DIA(mm): 15 NO OF SPLINE: 16 SPLINE LENGTH(mm): 63 Rotation : CW</p>	

STARTER DRIVES

FORD , MITSUBA

<p>8488</p>  <p>Type: FORD NO OF TEETH: 12T NO OF SPLINE: 12 PINION DIA(mm): 37.5 BUSHING DIA(mm): 12 LENGTH(mm): 47 Rotation : CW OEM NO: 10686 F8RU BB DO10/M814</p>	<p>54-8500</p>  <p>Type: MITSUBA NO OF TEETH: 9T NO OF SPLINE: - PINION DIA(mm): 62 BUSHING DIA(mm): LENGTH(mm): 100 Rotation : OEM NO:</p> <p>MB-S0929</p>