

Close Ratio Gear Set



AE86 FINAL R&P



AE86 CLOSE RATIO GEARSET

Differential Final Gear Set

Gear ratios optimized for motorsports and circuit use through countless hours of testing

Cusco products are derived straight from the field of motorsports.

Our past records and championships serves as vital feedback data for product R&D.

Countless hours of research and development dedicated to drop seconds off lap times.

Precision spec, highly quality, and extra durable which applies to both street and competition

Real products will produce real results, only from Cusco.



TOYOTA 86 & SUBARU BRZ
1ST & 2ND CLOSE RATIO GEARS

CUSCO ADVAN 86
2012 RALLY HOKKAIDO
CLASS WINNER



Cusco Close Ratio Transmission & Final Gear

Precision manufacturing technology that roots from the production of OEM gears for high-end sportscars and various full race platforms. The same gearsets are currently used in professional competition all over the world. Use Japan's best technology to your competitive advantage!

Optimization The gears are designed and tested per each vehicle application characteristics and are also able to withstand the stress of a tuned race driveline.

Materials Various alloy steels are used for each type of gearset from SCr, SCM, and SNCM to target the best interest of its usage. As an extra measure, heat treatment is performed to prevent shape distortion.

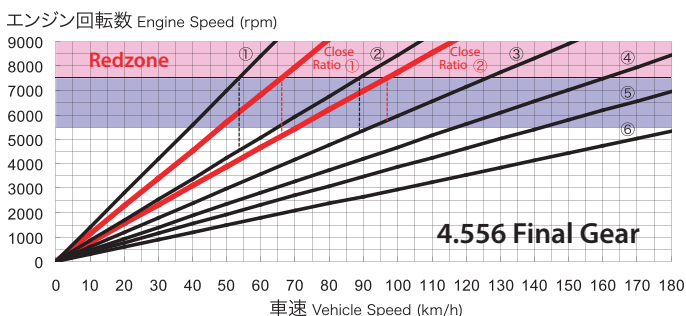
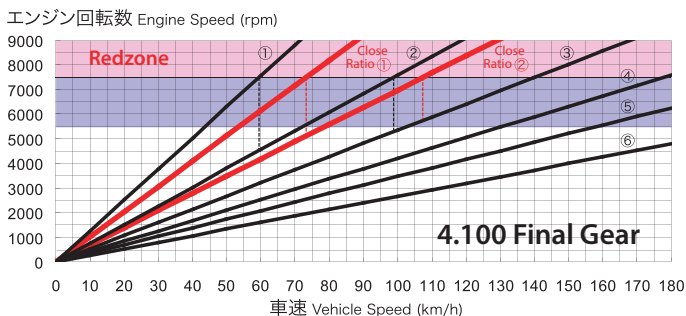
Heat Treatment A cut sample from each lot is taken and undergoes strict inspection procedures such as the results of the heat treatment. This is performed ritually, for the sole purpose of quality control.

Surface Finish Each gear tooth is finished (precision shaving) to provide strength and additional noise prevention. Heat treatment as well as WPC can be applied to areas that have the most stress applied.

*Gear tooth treatment, WPC, and APEX are available for additional cost. Please inquire within.

Toyota 86 & Subaru BRZ Gear Ratio Chart

— Cusco Close Ratio — Factory OEM



クロスミッション/ファイナルギヤ CLOSE-RATIO GEAR SET / FINAL GEAR SET

| 車名 Car | 車両型式 Model | 仕様 Specification | 商品コード Part No | 1st | 2nd | 3rd | 4th | 5th | 6th | FINAL | | MSRP |
|---|-------------------|---------------------|------------------|-------|-------|-------|-------|-------|-------|-------|------------|------------|
| TOYOTA | | | | | | | | | | | | |
| トヨタ 86 Toyota86 | ZN6 | 純正 | STD | 3.626 | 2.188 | 1.541 | 1.213 | 1.000 | 0.767 | 4.100 | - | - |
| | | | 965 028 A | 2.946 | 2.011 | (STD) | (STD) | (STD) | (STD) | (STD) | (STD) | |
| スターレット Starlet MR2 | KP61 | 純正 | STD | 3.789 | 2.220 | 1.435 | 1.000 | 0.865 | | 4.316 | - | - |
| | | | 100 028 A | 3.070 | 2.405 | 1.619 | 1.000 | (STD) | | (STD) | | \$2,400.00 |
| | EP71 | 純正 | STD | 3.545 | 1.904 | 1.310 | 0.969 | 0.815 | | 3.941 | - | - |
| | | | 102 028 A | 2.923 | 2.100 | 1.577 | 1.167 | (STD) | | (STD) | | \$2,667.00 |
| | EP82 AW11 (NA) | 純正 | STD | 3.166 | 1.904 | 1.310 | 0.969 | 0.815 | | 3.722 | - | - |
| | | TYPE-C | 104 028 AC | 2.643 | 2.100 | 1.640 | 1.321 | 1.097 | | (STD) | | \$2,934.00 |
| TYPE-S | | 104 028 AS | 2.923 | 2.100 | 1.577 | 1.160 | (STD) | | (STD) | | \$2,667.00 | |
| カローラレビン Corolla Levin スプリンター トレノ Sprinter Trueno | AE86 | 純正 | STD | 3.587 | 2.022 | 1.384 | 1.000 | 0.861 | | 4.300 | - | - |
| | | TYPE-A 1 | 116 028 AA | 3.157 | 2.265 | 1.733 | (STD) | 1.383 | | (STD) | | \$2,667.00 |
| | | TYPE-C | 116 028 AC | 2.701 | 1.696 | 1.281 | (STD) | (STD) | | (STD) | | \$2,667.00 |
| | | TYPE-D | 116 028 AD | 1.963 | 1.435 | 1.196 | (STD) | (STD) | | (STD) | | \$2,667.00 |
| | AE111 | 純正 | STD | 3.166 | 1.904 | 1.392 | 1.031 | 0.815 | | 4.312 | - | - |
| | | TYPE-C 2 | 104 028 AC | 2.643 | 2.100 | 1.640 | 1.321 | 1.097 | | (STD) | | \$2,934.00 |
| TYPE-S 2 | | 104 028 AS | 2.923 | 2.100 | 1.577 | 1.160 | (STD) | | (STD) | | \$2,667.00 | |
| MR2 | SW20 (TURBO) | 純正 | STD | 3.230 | 1.913 | 1.258 | 0.918 | 0.731 | | 4.285 | - | - |
| | | | 137 028 A | 3.308 | 2.353 | 1.667 | 1.187 | (STD) | | (STD) | | \$2,800.00 |
| セリカ Celica | ST185H | 純正 | STD | 3.384 | 1.913 | 1.333 | 0.972 | 0.731 | | 4.285 | - | - |
| | | 2 | 137 028 A | 3.308 | 2.353 | 1.667 | 1.187 | (STD) | | (STD) | | \$2,800.00 |
| | ZZT231 | 純正 | STD | 3.166 | 2.050 | 1.481 | 1.167 | 0.917 | 0.724 | 4.550 | - | - |
| | | | 154 028 A | 2.385 | 1.765 | 1.421 | 1.167 | 0.966 | 0.813 | (STD) | | \$3,467.00 |

1 シフトパターンは1-2-3-5-4となります
2 別途純正パーツが必要

| | | | | | | | | | | | | |
|---------------|-------------|------|------------|-------|-------|-------|-------|-------|--|-------|---|------------|
| NISSAN | | | | | | | | | | | | |
| サニー Sunny | B310 (直結5速) | 純正 | STD | 3.757 | 2.374 | 1.659 | 1.291 | 1.000 | | | - | - |
| | | 直結5速 | 213 028 AX | 2.676 | 1.691 | 1.398 | 1.181 | 1.000 | | (STD) | | \$3,200.00 |
| | | 純正 | STD | 3.513 | 2.170 | 1.378 | 1.000 | 0.846 | | | - | - |
| | | 5速 | 開発中 | 2.918 | 1.752 | 1.263 | 1.000 | (STD) | | (STD) | | \$3,200.00 |

| | | | | | | | | | | | | |
|-----------------------------|----------------------------|--------|------------|-------|-------|-------|-------|-------|--|-------|---|------------|
| HONDA | | | | | | | | | | | | |
| シティ City | GA2 | 純正 | STD | 3.181 | 1.764 | 1.200 | 0.896 | 0.718 | | 4.500 | - | - |
| | | TYPE-C | 302 028 AC | 2.769 | 2.118 | 1.653 | 1.345 | 1.148 | | (STD) | | \$2,534.00 |
| シビック Civic インテグラ Integra | EG6 EK4,9 DC2 ('96-) | 純正 | STD | 3.230 | 2.105 | 1.458 | 1.107 | 0.848 | | 4.400 | - | - |
| | | TYPE-S | 317 028 AS | 3.417 | 2.412 | 1.714 | 1.231 | (STD) | | (STD) | | \$2,667.00 |
| | | TYPE-C | 317 028 AC | 2.533 | 1.944 | 1.590 | 1.280 | 1.032 | | (STD) | | \$2,934.00 |
| | | TYPE-R | 317 028 AR | 2.533 | 1.944 | 1.590 | 1.280 | (STD) | | (STD) | | \$2,667.00 |
| シビック Civic CR-X | EF3,7 (前期) | 純正 | STD | 3.250 | 1.944 | 1.346 | 1.033 | 0.878 | | 3.888 | - | - |
| | | | 308 028 A | 2.769 | 2.118 | 1.714 | 1.417 | (STD) | | (STD) | | \$2,667.00 |
| | EF8,9 | 純正 | STD | 3.166 | 2.052 | 1.416 | 1.103 | 0.870 | | 4.266 | - | - |
| | | | 314 028 A | 3.333 | 2.353 | 1.739 | 1.345 | (STD) | | (STD) | | \$2,667.00 |

EF8,9用オプションで5速ギア(1.125)の追加も可能
品番 314 029 AX (税込) ¥47,250

| | | | | | | | | | | | | |
|--------------|-----------|----|------------|-------|-------|-------|-------|-------|--|-------|---|------------|
| MAZDA | | | | | | | | | | | | |
| RX-7 | FC3S (後期) | 純正 | STD | 3.483 | 2.015 | 1.391 | 1.000 | 0.806 | | 4.100 | - | - |
| | FD3S (前期) | | 422 028 AX | 2.877 | 1.996 | 1.397 | (STD) | (STD) | | (STD) | | \$2,800.00 |
| デミオ Demio | DE5FS | 純正 | STD | 3.416 | 1.842 | 1.290 | 0.972 | 0.775 | | 4.100 | - | - |
| | | | 438 028 AX | 2.539 | 1.875 | 1.526 | 1.208 | 0.963 | | (STD) | | \$2,800.00 |

| | | | | | | | | | | | | |
|-------------------|------|--------|------------|-------|-------|-------|-------|-------|--|-------|---|------------|
| MITSUBISHI | | | | | | | | | | | | |
| ミラージュ Mirage | CJ4A | 純正 | STD | 3.071 | 1.947 | 1.379 | 1.030 | 0.820 | | 4.625 | - | - |
| | | TYPE-S | 550 028 AS | 3.142 | 2.316 | 1.692 | 1.58 | (STD) | | (STD) | | \$2,667.00 |

| | | | | | | | | | | | | |
|---------------|-----|----|-----------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| SUBARU | | | | | | | | | | | | |
| BRZ | ZC6 | 純正 | STD | 3.626 | 2.188 | 1.541 | 1.213 | 1.000 | 0.767 | 4.100 | - | - |
| | | | 965 028 A | 2.946 | 2.011 | (STD) | (STD) | (STD) | (STD) | (STD) | (STD) | |

| | | | | | | | | | | | | |
|-----------------|-------|----|------------|-------|-------|-------|-------|-------|--|-------|---|------------|
| DAIHATSU | | | | | | | | | | | | |
| ストーリア Storia | M112S | 純正 | STD | 3.090 | 2.055 | 1.518 | 1.058 | 0.750 | | 3.142 | - | - |
| | | | 770 028 AX | 3.500 | 2.476 | 1.761 | 1.280 | (STD) | | (STD) | | \$3,600.00 |

M112S用オプションで5速ギア(0.969)の追加も可能
品番 770 029 AX (税込) ¥47,250

| | | | | | | | | | | | | |
|--------------|--|----|-----------|-------|-------|-------|-------|-------|-------|-------|---|------------|
| LOTUS | | | | | | | | | | | | |
| エリーゼ Elise | | 純正 | STD | 3.166 | 2.050 | 1.481 | 1.167 | 0.917 | 0.724 | 4.550 | - | - |
| | | | 154 028 A | 2.385 | 1.765 | 1.421 | 1.167 | 0.966 | 0.813 | (STD) | | \$3,467.00 |

ファイナルギヤ FINAL GEAR

| 車名 Car | 車両型式 Model | 商品コード Part No | STD | ギヤ比 | タイプ Type | MSRP | 備考 Remarks |
|-----------|---------------|------------------|-----|-----|-------------|------|---------------|
|-----------|---------------|------------------|-----|-----|-------------|------|---------------|

| TOYOTA | | | | | | | |
|---------------------------|--------|-------------|-------|-------|---------------------|------------|-------|
| カローラ レビン Corolla Levin | AE86 | 116 029 A51 | 4.300 | 5.125 | Ring + Pinion | \$2,134.00 | |
| | | 116 029 A54 | | 5.375 | Ring + Pinion | \$2,134.00 | |
| セリカ Celica | ZZT231 | 154 029 A59 | 4.529 | 5.923 | Ring + Output Shaft | \$2,400.00 | 歯研仕上げ |
| | | 154 029 A58 | | 5.846 | Ring + Output Shaft | \$2,400.00 | |
| | | 154 029 A51 | | 5.133 | Ring + Output Shaft | \$2,400.00 | |
| | | 154 029 A49 | | 4.933 | Ring + Output Shaft | \$2,400.00 | |
| | | 154 029 A48 | | 4.866 | Ring + Output Shaft | \$2,400.00 | |

WPC& アベックス処理は別料金となります。

| HONDA | | | | | | | |
|-----------------------------|---------|-------------|-------------|-------|--------------|--------------|--|
| シビック Civic | GA2 | 302 029 A48 | 4.500 | 4.846 | Output Shaft | \$800.00 | |
| | | 302 029 A45 | | 4.500 | Output Shaft | \$800.00 | |
| シビック Civic | EG6/EK4 | 311 029 A46 | 4.400 | 4.600 | Ring Gear | \$1,000.00 | |
| | | EG6/EK4/EK9 | 311 029 A47 | 4.400 | 4.714 | Output Shaft | |
| シビック Civic インテグラ Integra | EK9/DC2 | 317 029 A46 | 4.400 | 4.600 | Ring Gear | \$1,000.00 | |

ファイナルリングギヤ 4.600(311-029-A44,317-029-A46) との組み合わせでギヤ比 4.929 となります。

| MITSUBISHI | | | | | | | |
|---|-----------|-------------|-------|-------|------------------|------------|--|
| ランサー エボリューション Lancer Evolution IV,V,VI | CN9A/CP9A | 560 029 A48 | 4.875 | 4.813 | Ring Gear | \$2,134.00 | |
| ミラージュ Mirage | CA4A | 515 029 A49 | 4.592 | 4.898 | Idler Gear (WPC) | \$667.00 | |
| | | 550 029 A50 | | 5.043 | Idler Gear (WPC) | \$667.00 | |

| LOTUS | | | | | | | |
|---------------------------|--|-------------|-------|-------|---------------------|------------|-------|
| エリーゼ Elise エキシージ Exige | | 154 029 A59 | 4.529 | 5.923 | Ring + Output Shaft | \$2,400.00 | 歯研仕上げ |
| | | 154 029 A58 | | 5.846 | Ring + Output Shaft | \$2,400.00 | |
| | | 154 029 A51 | | 5.133 | Ring + Output Shaft | \$2,400.00 | |
| | | 154 029 A49 | | 4.933 | Ring + Output Shaft | \$2,400.00 | |
| | | 154 029 A48 | | 4.866 | Ring + Output Shaft | \$2,400.00 | |

WPC& アベックス処理は別料金となります。