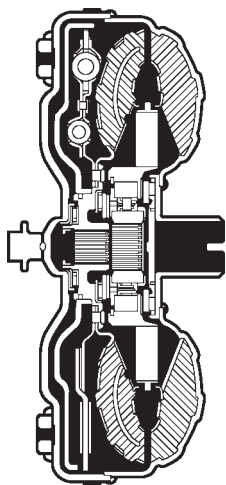


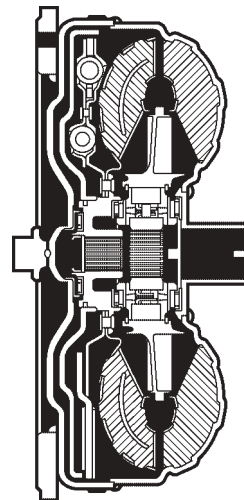
## 2. Torque Converter

- A compact, lightweight and high-capacity torque converter has been adopted.
- Compared to the previous model, this torque converter offers improved transmission efficiency and a more compact and lightweight construction by optimizing the fluid passages and the impeller configuration.
- The torque converter clutch of the 2UZ-FE engine model for Europe supports flex lock-up clutch control, thus improving the fuel economy.



For 2UZ-FE Engine

229LC172



For 1HD-FTE Engine

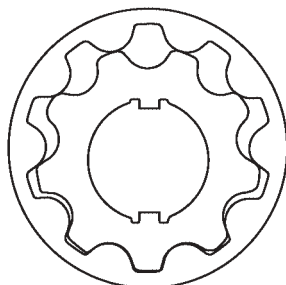
229LC173

### ► Specification ◀

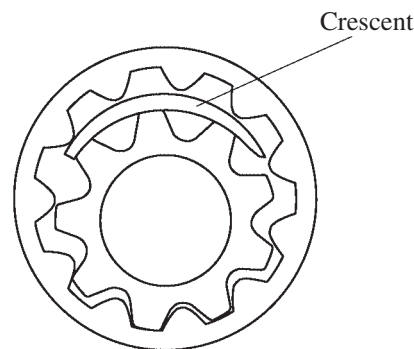
A/T type	A750F		A343F	A442F
Engine type	2UZ-FE	1HD-FTE	2UZ-FE	1HD-FTE
Type	3-Element, 1-Step, 2-Phase		←	←
Stall Torque Ratio	1.80		1.80	1.85
Dry Weight kg (lb.)	15.2 (33.5)		16.2 (35.7)	18.3 (40.3)

## 3. Oil Pump

A new type oil pump is used in which the shape of the teeth in the oil pump have been changed and the crescent has been discontinued. As a result, the oil pump has been made more compact, and the driving torque has been reduced, thus attaining excellent volumetric efficiency during low-speed operation.



A750F



Conventional

165CH10