

High-Formable Cold-rolled / Hot-dip galvanized Steel Sheet

Effect

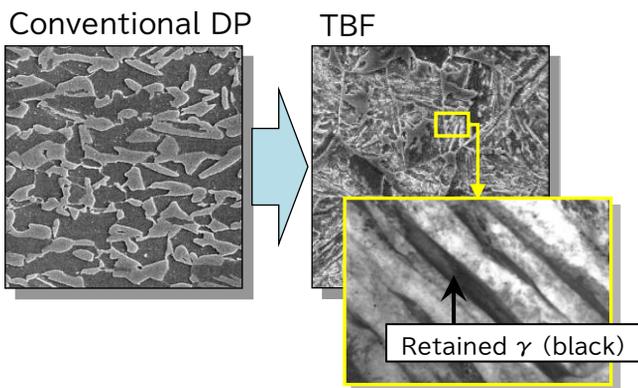
High strengthening and weight saving of Automotive body frame (BIW) parts

Characteristic

Achievement of high strengthening and weight saving by higher formability than that of conventional DP steel

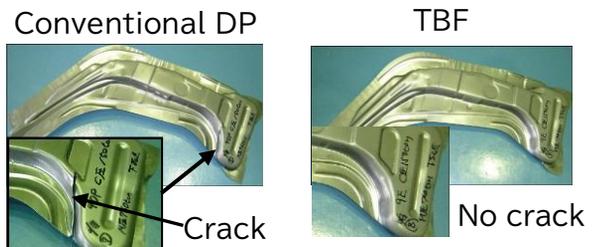
■ Concept in micro-structure

Utilizes a structure with uniform dispersion of fine retained γ (TBF), which is different from conventional DP steel, by devising a heat cycle.
 ⇒ High elongation

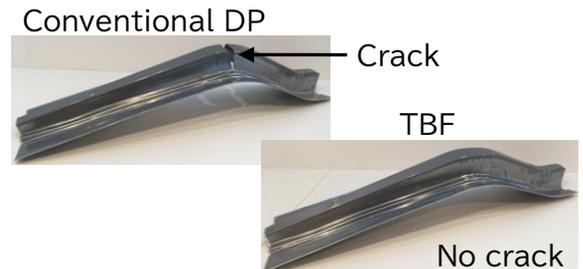


■ Example

Use of Kobe original A-pillar die



Use of Kobe original front side member kick



■ Typical properties

	YS (MPa)	TS (MPa)	EL (%)	λ (%)
CR/GA980TBF	650	1020	22	25
CR/GA1180TBF	950	1220	15	35