

# Moderne Mehrphasen-Stähle

## Advanced high-strength steels

Produktübersicht | Product Overview | 12.04.2024, Version 0



thyssenkrupp

### Moderne Mehrphasen-Stähle | Advanced high-strength steels

Oberflächenveredelung | Surface refinement

-/UC      Z/GI      ZF/GA      ZM

#### Dualphasen-Stahl | Dual-phase steel

Stahlsorte   Steel grade	Vergleichsgüte   Reference grade DIN EN 10152, 10338, 10346	Vergleichsgüte   Reference grade VDA 239-100				
● DP-W® 300Y530T	–	–	●			
● DP-W® 330Y580T	HDT580X	HR330Y580T-DP	●			
● DP-W® 300Y580T	–	–	●			
● DP-K® 290Y490T	HCT490X	CR290Y490T-DP	⊙	◻	⊙	◻
● DP-K® 330Y590T	HCT590X	CR330Y590T-DP	●	●	●	
● DP-K® 330Y590T DH	–	–		●		
● DP-K® 420Y590T	–	–		●		
● DP-K® 440Y780T	HCT780X	CR440Y780T-DP		●		
● DP-K® 440Y780T DH	–	CR440Y780T-DH		●		
● DP-K® 440Y780T HHE	–	–	●	●		
● DP-K® 500Y780T	–	–		●		
● DP-K® 590Y980T	HCT980X	CR590Y980T-DP	●	●	●	
● DP-K® 700Y980T	HCT980XG	CR700Y980T-DP	●	●	●	
● DP-K® 780Y1180T	–	–		●		
● DP-K® 900Y1180T	–	–	●	●		

- Warmgewalzte Flacherzeugnisse | Hot-rolled flat products
- Kaltgewalzte/schmelztauchveredelte Flacherzeugnisse | Cold-rolled/hot-dip coated flat products
- Serienfertigung für Innenteile | Serial production for unexposed applications
- ⊙ Serienfertigung für Innen- und Außenteile | Serial production for unexposed and exposed applications
- ◻ Serienfertigung für Innen- und Außenteile sowie Außenteile in primetex®-Qualität | Serial production for unexposed and exposed applications as well as exposed applications in primetex® finish

-/UC Unbeschichtet | Uncoated  
 Z/GI Schmelztauchverzinkt | Hot-dip zinc coating  
 ZF/GA Galvannealed  
 ZM ZM Ecoprotect®

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## Oberflächenveredelung | Surface refinement

-/UC Z/GI ZF/GA ZM

## Stahl der dritten Generation | Third generation steel

Stahlsorte   Steel grade	Vergleichsgüte   Reference grade DIN EN 10152, 10338, 10346	Vergleichsgüte   Reference grade VDA 239-100		
● jetQ® 700Y980T	–	CR700Y980T-DH		●
● jetQ® 850Y1180T	–	–		●

## Complexphasen-Stahl | Complex-phase steel

Stahlsorte   Steel grade	Vergleichsgüte   Reference grade DIN EN 10152, 10338, 10346	Vergleichsgüte   Reference grade VDA 239-100		
● CP-W® 660Y760T	HDT760C	HR660Y760T-CP	●	●
● CP-W® 800	–	–	●	●
● CP-K® 570Y780T	HCT780C	CR570Y780T-CP	●	
● CP-K® 780Y980T	HCT980C	CR780Y980T-CP	●	●
● CP-K® 900Y1180T	–	CR900Y1180T-CP	●	●

## Chassis-Stahl | Chassis steel

Stahlsorte   Steel grade	Vergleichsgüte   Reference grade DIN EN 10152, 10338, 10346	Vergleichsgüte   Reference grade VDA 239-100		
● CH-W® 660Y760T	HDT760C	HR660Y760T-CP	●	●
● CH-W® 700Y950T	–	–	●	

## Ferrit-Bainitphasen-Stahl | Ferrite-bainite-phase steel

Stahlsorte   Steel grade	Vergleichsgüte   Reference grade DIN EN 10152, 10338, 10346	Vergleichsgüte   Reference grade VDA 239-100		
● FB-W® 300Y450T	HDT450F	HR300Y450T-FB	●	●
● FB-W® 460Y580T	HDT580F	HR440Y580T-FB	●	●

## Restaustenit-Stahl (TRIP-Stahl) | Retained-austenite steel (TRIP steel)

Stahlsorte   Steel grade	Vergleichsgüte   Reference grade DIN EN 10152, 10338, 10346	Vergleichsgüte   Reference grade VDA 239-100		
● RA-K® 400Y690T	HCT690T	CR400Y690T-TR	●	●

- Warmgewalzte Flacherzeugnisse | Hot-rolled flat products
- Kaltgewalzte/schmelztauchveredelte Flacherzeugnisse | Cold-rolled/hot-dip coated flat products
- Serienfertigung für Innenteile | Serial production for unexposed applications

-/UC Unbeschichtet | Uncoated  
 Z/GI Schmelztauchverzinkt | Hot-dip zinc coating  
 ZF/GA Galvannealed  
 ZM ZM Ecoprotect®

thyssenkrupp liefert die genannten Stahlsorten gemäß aktueller Produktinformation oder die aufgeführten Vergleichsgütern entsprechend der jeweiligen Spezifikation.

thyssenkrupp supplies the following steel grades as per the product information or the reference steel grades in accordance with the respective standards.