

## Steel Grade Comparison Chart

ASTM | JIS | EN | Australian | Chinese Standards Cross-Reference | ChinaCNU Steel

### GALVANIZED & GALVALUME STEEL GRADE CROSS-REFERENCE

ASTM (USA)	JIS (Japan)	EN (Europe)	AS (Australia)	GB (China)	Yield MPa	Typical Use
<b>CS Type B</b>	SGCC	DX51D+Z	G2+Z	DC51D+Z	>= 140	General forming
<b>FS</b>	SGCC	DX51D+Z	G2+Z	DC51D+Z	>= 140	Deep drawing
<b>SS Gr33</b>	SGC340	S280GD+Z	G300+Z	S280GD+Z	230-320	Light structural
<b>SS Gr37</b>	SGC340	S280GD+Z	G350+Z	S280GD+Z	255-355	Purlins, frames
<b>SS Gr40</b>	SGC400	S320GD+Z	G350+Z	S320GD+Z	275-390	Structural
<b>SS Gr50</b>	SGC490	S350GD+Z	G450+Z	S350GD+Z	340-480	High strength
<b>SS Gr80</b>	SGC570	S550GD+Z	G500+Z	S550GD+Z	550+	Ultra high str.

### ZINC & ALUMINUM-ZINC COATING DESIGNATION CROSS-REFERENCE

ASTM (oz/ft2)	JIS (g/m2)	EN (g/m2)	Both Sides g/m2	Corrosion Resistance	Typical Application
G30	Z90	Z90	90	Standard	Interior, light use
G40	Z120	Z120	120	Good	General construction
G60	Z180	Z180	180	Very Good	Roofing, cladding
G90	Z275	Z275	275	Excellent	Structural, heavy exposure
AZ50	AZ150	AZ150	150 (55% Al-Zn)	Superior	Galvalume roofing
AZ55	AZ185	AZ185	185 (55% Al-Zn)	Outstanding	Coastal, industrial

Need a specific grade? Contact ChinaCNU Steel

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