

AZ - Mill Specifications

		Specifications		
		KS D 3770	JIS G 3321	ASTM A792
(CQ)		SAZCC	SGLCC	CS
(DQ)		SAZCD	SGLCD	DS
(DDQ)		-	SGLDD	-
(Structural Steel)	32kg	-	-	Grade 33
	37kg	-	-	Grade 37
	41kg	SAZ400	SGLC400	Grade 40
	45kg	SAZ440	SGLC440	Grade 50
	58kg	SAZ570	SGLC570	Grade 80

		Thick ness(mm)	Y.P (kgf/mm ²)	T.S (kgf/mm ²)	Elongation (%)				
					0.35≤t ＜0.4	0.4≤t ＜0.6	0.6≤t ＜1.0	1.0≤t ＜1.6	1.6≤t ≤2.3
CQ		0.35≤t≤2.3	≥21	≥28	≥20	≥21	≥24	≥24	≥25
DQ			≤24	≥28	≥33	≥35	≥37	≥38	≥39
DDQ			≤23	≥28	≥35	≥37	≥39	≥40	≥41
SS	32kg		≥23	≥32	≥20	≥20	≥20	≥20	≥20
	37kg		≥26	≥37	≥18	≥18	≥18	≥18	≥18
	41kg		≥30	≥41	≥18	≥18	≥18	≥18	≥18
	45kg		≥35	≥46	≥18	≥18	≥18	≥18	≥18
	58kg		≥57	≥58	-	-	-	-	-

KS / JIS

THICKNESS / WIDTH	630 < W	630 ≤ W < 1000	1000 ≤ W < 1250
$0.5 \leq t < 0.4$	±0.05	±0.05	±0.05
$0.4 \leq t < 0.6$	±0.06	±0.06	±0.06
$0.6 \leq t < 0.8$	±0.07	±0.07	±0.07
$0.8 \leq t < 1.0$	±0.07	±0.08	±0.08
$1.0 \leq t < 1.25$	±0.08	±0.08	±0.9
$1.25 \leq t < 1.6$	±0.09	±0.10	±0.11
$1.6 \leq t < 2.0$	±0.11	±0.12	±0.13
$2.0 \leq t < 2.3$	±0.13	±0.14	±0.15

ASTM

THICKNESS / WIDTH	$1.5 \leq W$	$1.5 < W < 2.0$	$2.0 < W < 2.5$
$W \leq 1500$	±0.05	±0.08	±0.15