



PT GUNAWAN DIANJAYA STEEL Tbk



STEEL PLATES



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Product Specifications and Sizes

Structural Steel Plates

Specification	Designation Grade	Thickness (mm)
AS3678	250	6 – 80
ASTM A36	A36	
ASTM A283	A283 Gr. C & D	
ASTM A573	A573 - 58	8 – 40
ASTM A709	A709 – 36	6 – 80
EN 10025 – 2: 2019	S235 JR & JO	6 – 70
	S275 JR & JO	12 – 70
	S235 J2	
JIS G3101	SS400	6 – 80
JIS G3106	SM400 A, B & C	

Ship Building Plates (Mild Steel)

Specification	Designation Grade	Thickness (mm)
ABS	A, B & D	6 – 50
BKI	KI – A, B & D	
BV	A	6 – 50
	B & D	6 – 25
DNV	NVA, NVB & NVD	6 – 50
KR	A, B & D	6 – 40
LR	A	6 – 40
	B & D	6 – 25
NK	KA, KB & KD	6 – 50
RINA	A, B & D	

High Strength Low Alloy Structural Steel Plates

Specification	Designation Grade	Thickness (mm)
AS 3678	350	8 – 80
ASTM A572	A572 – 42, 50 & 55	
ASTM A573	A573 – 65 & 70	8 – 40
CSA G40.21	300W or 44W	8 – 80
EN 10025–2: 2019	S355 JR & JO	8 – 70
	S355 J2 & K2	12 – 70
JIS G3101	SS490	8 – 80
JIS G3106	SM490 A, B & C	
	SM490 YA & YB	12 – 30
	SM520 B & C	

Ship Building Plates Plates (High Tensile Steel)

Specification	Designation Grade	Thickness (mm)
ABS	AH32, DH32 AH36, DH36	12 – 50
BKI	KIA32, KID32 KIA36, KID36	8 – 50
BV	AH 32, DH32 AH 36, DH36	12 – 40
DNV	NVA32, NVD32 NVA36, NVD36	8 – 50
KR	AH32, DH32 AH36, DH36	12 – 40
LR	AH32, DH32 AH36, DH36	8 – 40
NK	KA32, KD32 KA36, KD36	12 – 40
RINA	AH32, DH32 AH36, DH36	8 – 50

Boilers and Pressure Vessels Steel Plates

Specification	Designation Grade	Thickness (mm)
ASTM A285	A285 B & C	6 – 80
ASTM A516	A516 – 55, 60, 65 & 70	8 – 40

* Width = 1,219 – 2,500 mm (max)

* Length = 2,438 – 12,192 mm

* Max. Weight per Plate, 7.4 MT

* Thickness 6mm Plates, subject to mill confirmation

* Custom Size plates, subject to mill confirmation

Certificate of Approval

1. **Integrated Management System (ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018) & SMK3**

2. **Standar Nasional Indonesia (SNI)**



3. **EC Certificate of Quality System** Approval by Lloyd's Register Verification Ltd., UK. - EN 10025-2:2004 Hot Rolled structural Steel Plate in thickness of max. 70mm, Grades S235JR, J0, J2, S275JR, J0, J2. & S355JR, J0, J2, K2.



4. **TÜV NORD Systems GmbH & Co. KG**



5. **Approved by Register of Shipping:**

a. **American Bureau of Shipping, USA. (ABS)**



b. **Biro Klasifikasi Indonesia (BKI)**



c. **Bureau Veritas, France (BV)**



d. **Det Norske Veritas, Norway**



e. **Korean Register of Shipping, Korea (KR)**



f. **Lloyd's Register of Shipping, UK. (LR)**



g. **Nippon Kaiji Kyokai, Japan (ClassNK)**



h. **RINA S.p.A., Registro Italiano Navale Group, Italy (RINA)**



6. **Approval of National Standards:**

a. **Factory production Control (FPC) Certificate, Singapore**

b. **SIRIM QAS international Sdn. Bhd., Malaysia**





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