

HRC

HOT ROOLED COIL PRODUCT CATALOGUE

*KRAKATAU POSCO is committed to customer satisfaction.
We deliver world-class plate products that meet the needs of our worldwide customer.*



**BUILDING THE NATION,
EMPOWERING THE PEOPLE**



KRAKATAU POSCO'S HIGH GRADE HOT ROLLED COIL

KRAKATAU POSCO is taking a impactful movement in expanding its steel market by producing the high grade Hot Rolled Coil towards realization of the 10 million steel cluster to contribute as leading in ASEAN steel industry.

KRAKATAU POSCO Hot Rolling Plant is established with investment of developed technology and improvement of continuous control process is delivered by the integration of 4 (four) High Rolling Mill and laminar cooling.

Through enhancement of Marketing Solution, KRAKATAU POSCO will continuously dedicate in presenting the most competitive Hot Rolled Coil that meet and exceed customer expectations.

Dimensions

Thickness	: 1.4 – 16 mm
Width	: 600 – 1,650 mm
Max Unit Weight	: ~30 ton

Hot Rolled Coil Application



General Structure



Automotive



Pipe & Tube



Re-Rolling





SNI Coil Product

Grade	Tensile Strength (MPa)	Applicable Thickness (mm)	Width (mm)
BjPS	400-510		
BjPC	≥270	1.4 - 16	600 – 1,650
BjPD	≥270		
BjPE	≥270		

EN Coil Product

Specification	Tensile Strength (MPa)	Applicable Thickness (mm)
EN 10025-2 Non-Alloy Structural Steel		
Accord. EN10027-1 and CR10260	Accord. EN10027-2	3 ≤ t ≤ 16
S235JR	1.0038	360-510
S235J0	1.0114	360-510
S235J2	1.0117	360-510
S275JR	1.0044	430-580
S275J0	1.0143	430-580
S275J2	1.0145	430-580
S355JR	1.0045	510-680
S355J0	1.0553	510-680
S355J2	1.0577	510-680
S355K2	1.0596	510-680

JIS Coil Product

Specification	Tensile Strength (MPa)	Applicable Thickness (mm)	
JIS G3101-Rolled Steel for General Structure			
SS400	400 - 510		
SS490	490 - 610	1.4 - 16	
SS540	≥540		
JIS G3106-Rolled Steel for Welded Structure			
SM400	A	400 - 510	
	B		
SM490	A	490 - 610	
	B		
	YA		
	YB		
SM520	B	520 - 640	
	C		
SM570	570 - 720		
JIS G3131-Hot-Rolled Mild Steel Plates, Sheets and Strip			
SPHC	≥270		
SPHD	≥270	1.4 - 16	
SPHE	≥270		
SPHF	≥270		
JIS G3136-Rolled Steel for Building Structure			
SN400	A	400 - 510	
	B		
			6 - 16
SN490	B	490 - 610	
IS Coil Product			
Specification	Applicable Width (mm)	Applicable Thickness (mm)	
IS 11513:2017 Hot Rolled Carbon Steel Strip for Cold Rolling Purpose			
CR0			
CR1			
CR2	600 - 1,650	1.4 - 16	
CR3			
CR4			

SIRIM Coil Product

Grade	Tensile Strength (MPa)	Applicable Thickness (mm)	Width (mm)
MS 1705:2003 Hot Rolled Carbon Steel Strip and Sheet of Commercial and Drawing Quality			
SPHC	≥270	1.4 - 16	600 – 1,650
SPHD	≥270		
SPHE	≥270		

MS 1768:2004 Hot Rolled Carbon Steel Strip for Pipe and Tube

SPHT1	≥270	1.4 - 16	600 – 1,650
SPHT2	≥340		
SPHT3	≥410		
SPHT4	≥490		

Specification	Tensile Strength (Mpa)	Applicable Thickness (mm)
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JIS G3101-Rolled Steel for General Structure

SS400	400 - 510	1.4 - 16
SS490	490 - 610	
SS540	≥540	

MS EN 10025-2 Non-Alloy Structural Steel

Accord. EN10027-1 and CR10260	Accord. EN10027-2	t < 3	3≤t≤16
S235JR	1.0038	360-510	360-510
S235J0	1.0114	360-510	360-510
S235J2	1.0117	360-510	360-510
S275JR	1.0044	430-580	410-560
S275J0	1.0143	430-580	410-560
S275J2	1.0145	430-580	410-560
S355JR	1.0045	510-680	470-630
S355J0	1.0553	510-680	470-630
S355J2	1.0577	510-680	470-630
S355K2	1.0596	510-680	470-630

JIS G3116-Steel Sheet, Plates And Strip For Gas Cylinders

SG255	≥400	1.6 - 6
SG295	≥440	

SIRIM Coil Product

Specification	Tensile Strength (Mpa)	Applicable Thickness (mm)
JIS G3113-Hot Rolled Steel Sheet For Automobile Structural		
SAPH 370	≥370	1.6 - 14
SAPH 400	≥400	
SAPH 440	≥440	

Specification	Applicable Thickness (mm)
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ASTM A36 Carbon Structural Steel

SAE1006	1.4 - 16
SAE1008	
SAE1010	
SAE1012	
SAE1020	

TIS Coil Product

Specification	Tensile Strength (MPa)	Applicable Thickness (mm)
TIS 1479-Rolled Steel for General Structure		
SS400	400-510	1.4 - 16
SS490	490-610	
SS540	≥540	

TIS 1499-Rolled Steel for Welded Structure

SM400	A	400-510
	B	
SM490	A	490-610
	B	
	YA	490-610
	YB	
SM520	B	520-640
	C	
SM570		570-720

ASTM Coil Product

Specification	Tensile Strength (MPa)	Applicable Thickness (mm)
ASTM A36 Carbon Structural Steel		
A36	400-500	1.4 - 16



KRAKATAU posco

CILEGON WORKS

Jl. Afrika No. 2
Cilegon 42443, Indonesia
P : +62 254 369 700
F : +62 254 369 799

JAKARTA OFFICE

Pacific Century Place 15th Floor
SCBD Lot 10,
Jl. Jenderal Sudirman Kav. 52-53
Jakarta 12190, Indonesia
P : +62 21 3950 6500

www.krakatauposco.co.id