

HRC

HOT ROOLED COIL PRODUCT CATALOGUE



**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

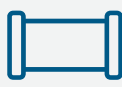
Hot Rolled Coil Application



General
Structure



Automotive



Pipe & Tube



Re-Rolling



SNI Coil Product			
Grade	Tensile Strength (MPa)	Applicable Thickness (mm)	Width (mm)
BjPS	400-510	1.4 - 16	600 – 1,650
BjPC	≥270		
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	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 Coil Product			
Specification		Tensile Strength (MPa)	Applicable Thickness (mm)
JIS G3101-Rolled Steel for General Structure			
	SS400	400 - 510	1.4 - 16
	SS490	490 - 610	
	SS540	≥540	
JIS G3106-Rolled Steel for Welded Structure			
SM400	A	400 - 510	1.4 - 16
	B		
SM490	A	490 - 610	
	B		
	YA	490 - 610	
	YB		
SM520	B	520 - 640	
	C		
SM570		570 - 720	

JIS G3131-Hot-Rolled Mild Steel Plates, Sheets and Strip			
	SPHC	≥270	1.4 - 16
	SPHD	≥270	
	SPHE	≥270	
	SPHF	≥270	

JIS G3136-Rolled Steel for Building Structure			
SN400	A	400 - 510	6 - 16
	B	400 - 510	
SN490	B	490 - 610	

IS Coil Product			
Specification		Applicable Widht (mm)	Applicable Thickness (mm)
IS 11513:2017 Hot Rolled Carbon Steel Strip for Cold Rolling Purpose			
	CR0	600 - 1,650	1.4 - 16
	CR1		
	CR2		
	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)	
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	1.4 - 16	
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)	
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	1.4 - 16
	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