



NO.25034469

## SHIJIAZHUANG IRON &amp; STEEL CO., LTD



SG-MES-PZ-1001

Customer's contract No.	ZTH25311	Customer	TOYOTA TSUSHO (THAILAND) CO., LTD.	Shape of Product	Round Bar	Standard	JSXY1832-2018	Steel grade	S45C	Certificate No.	2505230314						
Heat No.	2512108	Rolling plan No.	B212540070	Delivery condition	Hot rolled	Size (mm)	DIA. 60	Weight (MT)	6.782	Bundles	5						
Chemical Composition (%)																	
Item	C	Si	Mn	P	S	Cr	Ni	Cu	SP1								
Ladle Result	0.43	0.23	0.74	0.012	0.005	0.16	0.05	0.06	0.21								
S	R	C	Yield strength	Tensile strength	Elongation	Reduction of area	Hardness	A(T)	A(H)	B(T)	B(H)	C(T)	C(H)	D(T)	D(H)	Inspection	Surface quality & Shape size
Grade	Grade	Grade	Rp0.2 MPa	Rm MPa	A %	Z %	HBW	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Qualified	Qualified
1	1	2	421	685	23.5	51	195	1	0	0.5	0	0	0	1	0.5		
1	1	2	415	678	23.5	50	194	1	0	0.5	0	0	0	1	0.5		
							195										
Note												SPI-Cr+Ni:					
												Date : 28 / 01 / 69					
												Checked By : AMZUN					
												Approved By : [Signature]					

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质量检验专用章  
检验合格  
MADE IN CHINA