



# Jiangyou Hacer Technology Co., Ltd.

Steel Grade: S185   Material No: 1.0035   Equal Germany DIN: St33   Deoxidation Degree: —							
Thickness/mm: —   Deoxidation Degree: —							
<b>CHEMICAL COMPOSITION</b>							
C(%)	Si(%)	Mn(%)	P(%)	S(%)	Other(%)		
—	—	—	—	—	—		
<b>MECHANICAL PROPERTIES</b>							
Yield Strength   $\sigma_{0.2}$ /Mpa							
≤16mm	16-40mm	40-63mm	63-80mm	80-100mm	100-150mm	150-200mm	200-250mm
185	175	—	—	—	—	—	—
Tensile Strength   $\sigma_b$ /Mpa				Ballistic Temperature(°C)	Ballistic   $ak_v \geq (J/cm^2)$		
≤3mm	3-100mm	100-150mm	150-200mm		10-150mm	150-250mm	
310~540	290~510	—	—	—/—	—/—	—/—	
Test Sample(L/T)	Extensibility   $\delta$ (%)						
	3-40mm	40-63mm	63-100mm		100-150mm	150-250mm	
L/T	18/16	—/—	—/—		—/—	—/—	

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