

**Dongguan Otai Special Steel Co., Ltd.**  
东莞市奥泰特殊钢材有限公司

**Quality Certificate**  
**产品质量证明书**

钢号 Steel Grade	出口批号 Export No.:				热处理炉号 Heat Treatment Lot		执行标准 Specification			交货状态 Condition of delivery			质保书编号 Sheet No.			合同号/形式发票号 Order No.																					
1.6582	/				/		DIN			Hot Rolled; Black Surface			CDGZDGT190060604			2019/373																					
序号 No.	炉号 Heat No.	规格 Size	件数 Bundles	支数 Pieces	重量 Weight (Ton)	化学成分 / Chemical Composition																															
						C (%)	Si (%)	P (%)	S (%)	Mn (%)	Cr (%)	Mo (%)	Ni (%)	-	-	-	-	-	-	-	-	-	-														
1	21901107B	Dia 75 x 6000mm	1	5	1.072	0.37	0.25	0.012	0.005	0.64	1.31	0.19	1.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	18-6-1007	Dia 160 x 6700mm	1	1	1.070	0.37	0.24	0.01	0.004	0.67	1.32	0.18	1.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	21901115B	Dia 80 x 6000mm	1	5	1.185	0.35	0.23	0.008	0.003	0.66	1.31	0.19	1.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	11805606B	Dia 85 x 6000mm	1	4	1.084	0.36	0.25	0.008	0.004	0.68	1.32	0.19	1.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	19-6-278	Dia 90 x 6000mm	1	3	0.908	0.37	0.26	0.007	0.002	0.64	1.31	0.18	1.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL			5	18	5.319																																
序号 No.	热顶锻 Forging Test	一般疏松 Scatter-ed porosit Grade	中心疏松 Center Unsound- ness Grade	偏析 Segregat ion Grade	超声波检测 Ultrasonic Inspection	非金属夹杂物 /Nonmetallic Inclusions								DS	脱碳层 Decarb	晶粒度 Grain Size Grade	抗拉强度 Tensile Strength Rm (N/mm2)	屈服强度 Yield Strength Rel (N/mm2)	伸长率 Elongation A (%)	收缩率 Reducti on of Area Z	冲击功 Impact Energy J (%)	硬度 Hardne ss (HB)															
						A		B		C		D																									
						T	H	T	H	T	H	T	H																								
1	-	-	-	-	Class C/c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	Class C/c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	Class C/c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	Class C/c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	Class C/c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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本产品已按上述要求进行制造和检验,其结果符合要求,特此证明。 We hereby certify that material described herein has manufactured and tested with satisfactory results in accordance with the requirements of the above material SPEC.															签发单位 (盖章)  日期Date: 2019-6-6																						
质检科Quality Control Dept 电话Tel: 769-88705839 FAX: 769-88705839															Inspector:																						
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