

QUALITY TEST CERTIFICATE

Customer Order: JSTZ22-5006

Customer Name				
Part Name	Threaded rods			
Part Size	GRADE 4.8(ZP)	Lot Q'TY		
	M5X1M		5000	PCS
	M6X1M		60000	PCS
	M8X1M		92000	PCS
	M10X1M		72500	PCS
	M12X1M		66000	PCS
	M14X1M		21000	PCS
	M16X1M		20800	PCS
	M18X1M		6500	PCS
	M20X1M		10000	PCS
	M24X1M		2000	PCS
	M27X1M		500	PCS
Material	Q235	Finish	Zinc plate(CR3+)& Plain	
Heat No.	/	Sample Size	5PCS	
Invoice No.	/	STAMP	/	

Chemical Composition of Material (%) GRADE 4.8

Heat No.	Size	Weight Kg	C	Si	Mn	P	S	Ni	Cr	Mo
T10294959	M5X1M	3200	0.14	0.23	0.46	0.033	0.022	/	/	/
T19000929	M6X1M	22300	0.14	0.23	0.46	0.033	0.022	/	/	/
V231106977	M8X1M	32030	0.13	0.23	0.45	0.033	0.023	/	/	/
J231004778	M10X1M	49520	0.15	0.25	0.44	0.032	0.024	/	/	/
J231004775	M12X1M	52030	0.14	0.21	0.46	0.033	0.025	/	/	/
G231106789	M14X1M	20050	0.14	0.23	0.46	0.033	0.022	/	/	/
G231107392	M16X1M	29530	0.13	0.23	0.45	0.033	0.023	/	/	/
G231005490	M18X1M	14000	0.15	0.25	0.44	0.032	0.024	/	/	/
G231006790	M20X1M	23020	0.14	0.21	0.46	0.033	0.025	/	/	/
J231004772	M24X1M	8050	0.15	0.25	0.44	0.032	0.024	/	/	/
J231004675	M27X1M	5020	0.14	0.21	0.46	0.033	0.025	/	/	/

Mechanical Properties Test GRADE 4.8

Inspection Item	Standard Value	Size	1	2	3	4	5	6	7
			422Mpa (min)	M5X1000	485	477	482	481	483
422Mpa (min)	M6X1000	485	477	482	481	483	/	/	

422Mpa (min)	M8X1000	485	488	485	486	479	/	/
422Mpa (min)	M10X1000	482	481	483	477	477	/	/
422Mpa (min)	M12X1000	482	481	483	477	485	/	/
422Mpa (min)	M14X1000	485	486	479	477	483	/	/
422Mpa (min)	M16X1000	485	477	477	488	479	/	/
422Mpa (min)	M18X1000	485	488	477	488	477	/	/
422Mpa (min)	M20X1000	485	483	485	483	485	/	/
422Mpa (min)	M24X1000	485	477	477	477	477	/	/
422Mpa (min)	M27X1000	485	488	485	488	485	/	/

Working Temperature		Hardness after 24hr./540°C		Hardness HRC	
Specification	Quenching	Temperature			
	Inspected Re				

Remarks: 1.This is to certify that the above result are true and correct in every details. 2. We hereby certify that the goods correspond to EN10204-3.1	Inspection Date	2022/7/05
	Inspection By	张建忠
	Certified By	张云飞
