



8	GLG355-80-08	Rod3	1	Grade 355	
7	GLG355-80-07	Rod2	1	Grade 355	
6	GLG355-80-06	Turnbuckle	1	Grade 355	
5	GLG355-80-05	Hinge plate	4	Q355B	
4	GLG355-80-04	Pin	4	Grade 355	
3	GLG355-80-03	Rod1	2	Grade 355	
2	GLG355-80-02	Anchor plate	2	Q355B	
1	GLG355-80-01	Nut	4	Grade 355	
No.	Code	Name	Qty	Material	Remark

Technical requirements of rods with forged eye end:

- Tie rod the following mechanical properties:  
 Upper yield strength  $\geq 355\text{MPa}$ , Tensile strength  $\geq 470\text{MPa}$ ,  
 Percentage elongation after fracture  $\geq 22\%$ ,  
 Percentage reduction of area  $\geq 50\%$ ,  
 Impact strength KV2 (-20°C)  $\geq 34\text{J}$ ;
- The minimum theoretical yield load is 1784KN, and the minimum theoretical breaking load is 2362KN;
- The threads is painted by oil, the other is painted by zinc epoxy primer, the thickness above 60um;

				GLG355-80-00		
				φ80 Tie rod		
Noted	Document		Date	NO.	Weight	Scale
Design	Standard		20/6/9			
Checked					1250kg	
				CHENKANG MACHINE		