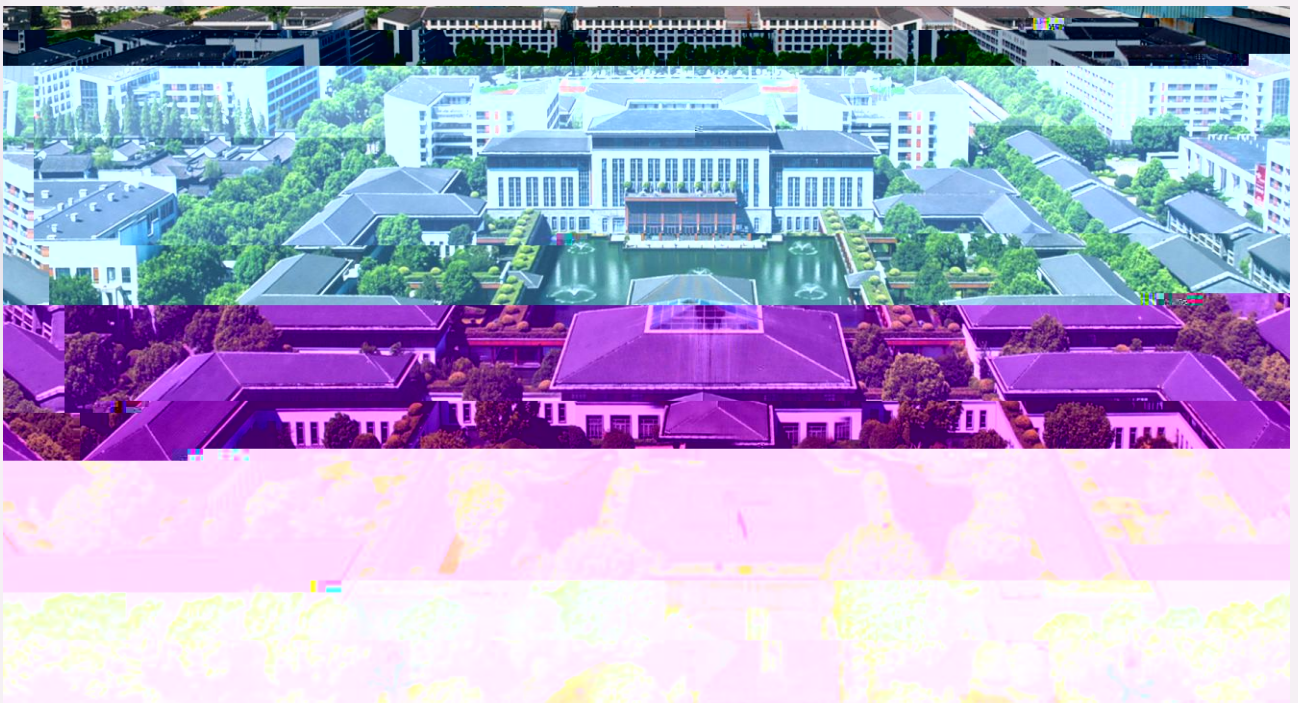


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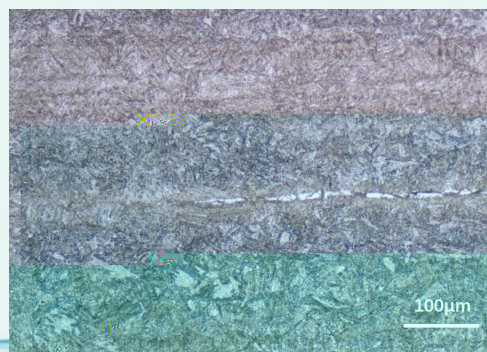
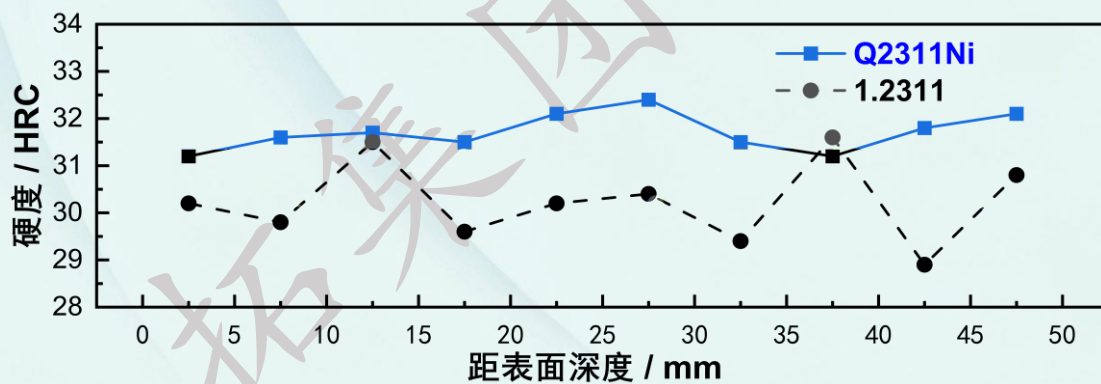






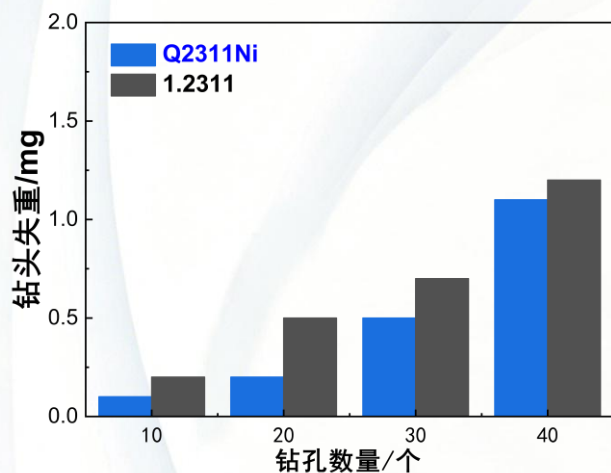
	C	Si	Mn	P	S	Cr	Ni	Mo	/HRC
Q2311Ni	≤0.100	≤1.0	1.00 ~ 2.50	≤0.035	≤0.010	3.00 ~ 5.00	0.80 ~ 2.00	-	28~34
1.2311	0.406	0.38	1.38	0.017	0.0018	1.76	0.04	0.19	28~34

	/MPa	/MPa	/%	/J	/HRC	/HRC
Q2311Ni	1053	768	13.3	37.5	31.6	1.2
1.2311	999	785	9.2	11.3	30.2	2.2



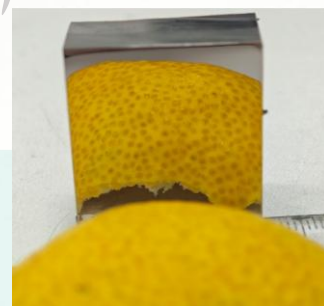
1.2311

(

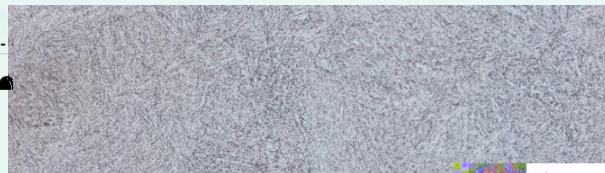
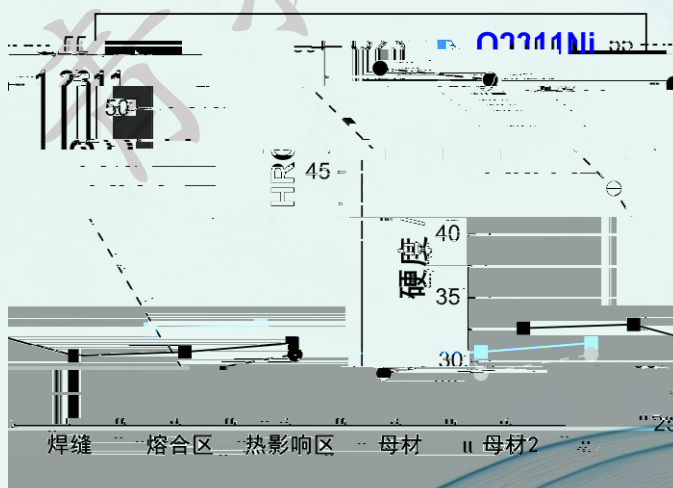


Q2311Ni

	Ra/μm	
Q2311Ni	0.020	1157
1.2311	0.043	1147



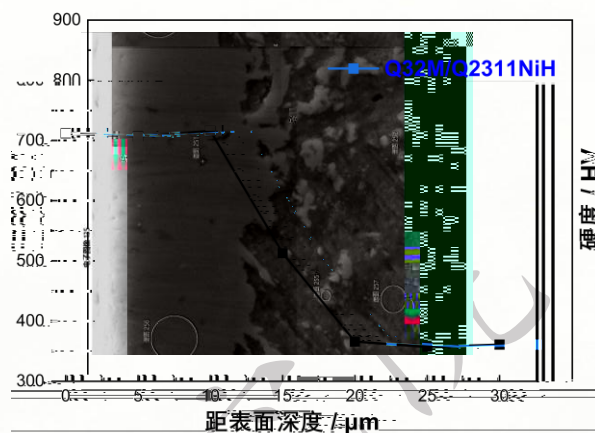
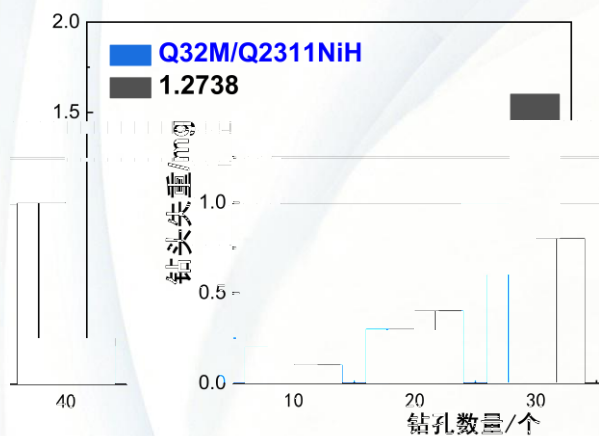
Q2311Ni



Q2311Ni

Q2311Ni



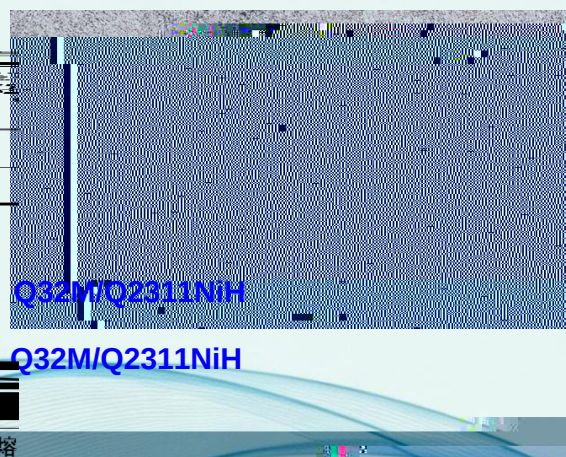
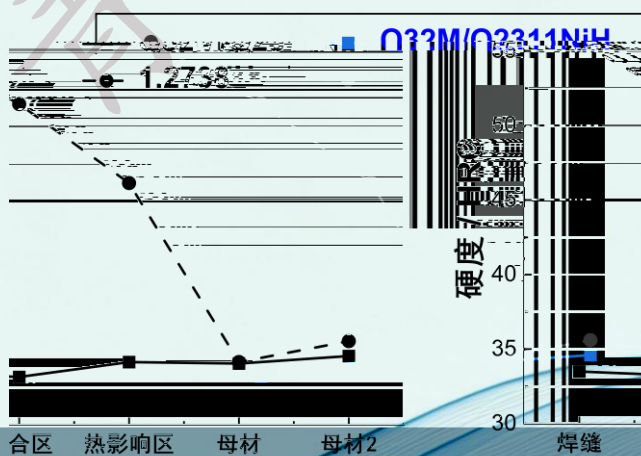


Q32M/Q2311NiH

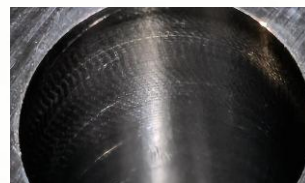
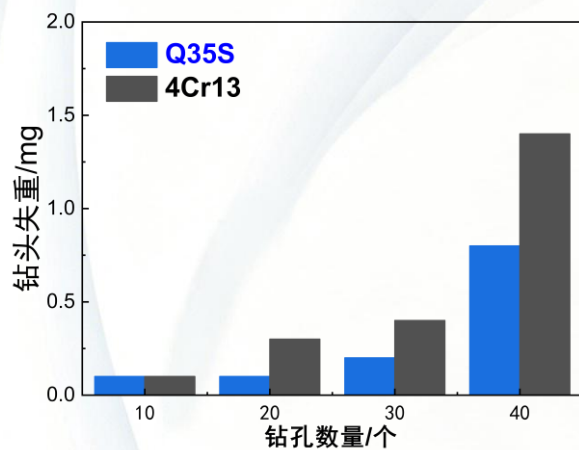
	Ra/μm	
Q32M/ Q2311NiH	0.016	1158
1.2738	0.026	1149



Q32M/Q2311NiH





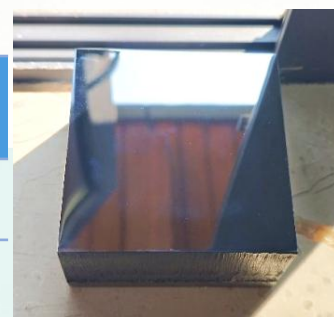


Q35S

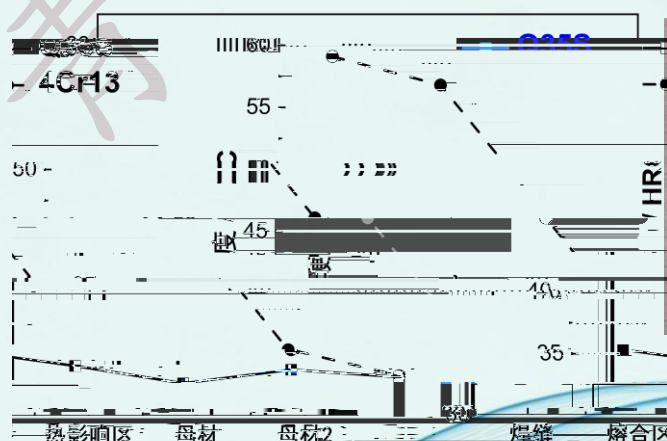


Q35S

	Ra/μm	
Q35S	0.018	1152
4Cr13	0.039	1137



Q35S

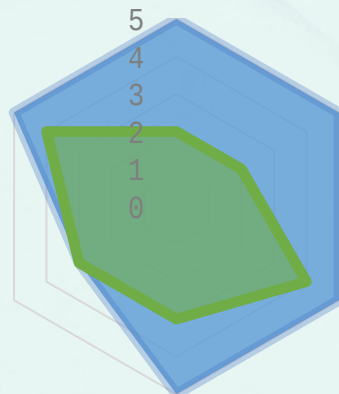
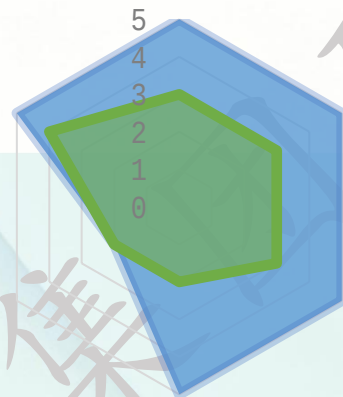
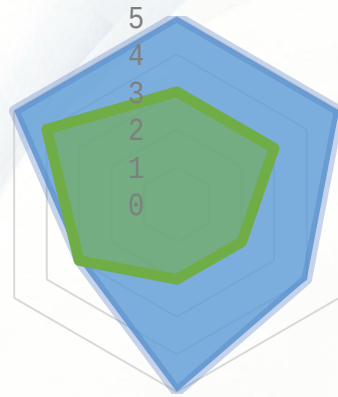


Q35S









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	25~100℃	25~200℃	25~300℃	25~400℃
Q2311Ni	11.4	12.3	13.1	13.6
1.2311	11.5	12.4	13.0	13.5
Q32M/Q2311NiH	11.5	12.4	13.0	13.5
1.2738	11.5	12.5	12.9	13.5
Q35S	11.5	12.4	13.0	13.5
4Cr13	11.5	12.5	12.9	13.5

	25℃	100℃	200℃	300℃	400℃
Q2311Ni	30.27	31.01	32.27	33.60	32.93
1.2311	40.02	40.16	39.85	38.93	37.30
Q32M/Q2311NiH	29.91	30.89	32.41	33.23	33.08
1.2738	36.89	35.79	35.26	34.27	33.45
Q35S	23.75	24.64	26.07	26.75	27.61
4Cr13	37.67	38.22	38.77	37.96	37.53

Q2311Ni	1.2311	Q32M/ Q2311NiH	1.2738	Q35S	4Cr13
7.82	7.85	7.82	7.85	7.76	7.85

