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General Information

Date March 13, 2024
Operator admin
Hardness tester type DURAMIN-40 AC2

Program Description

Name Hitsi_mittaus

Enter Comments

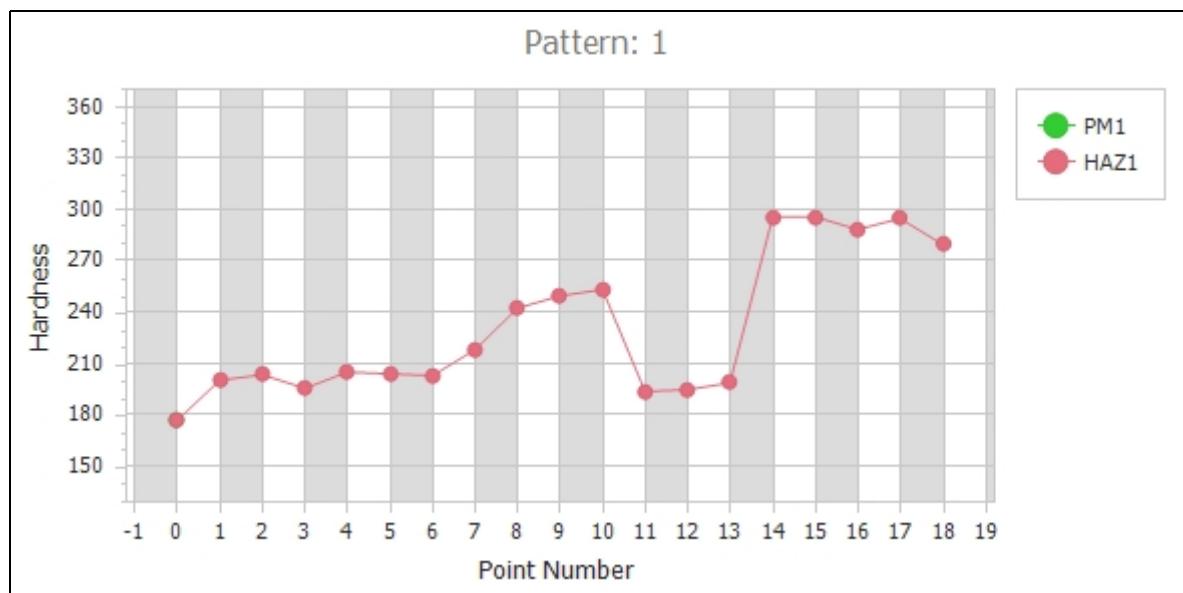
Hardness Test Information

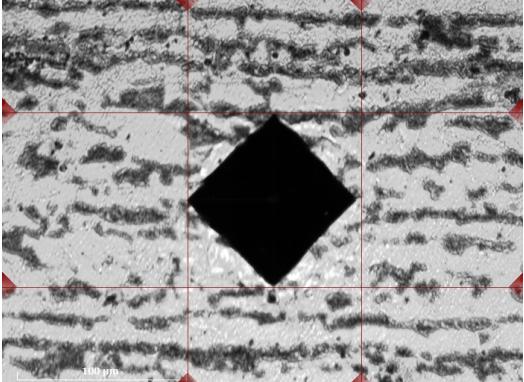
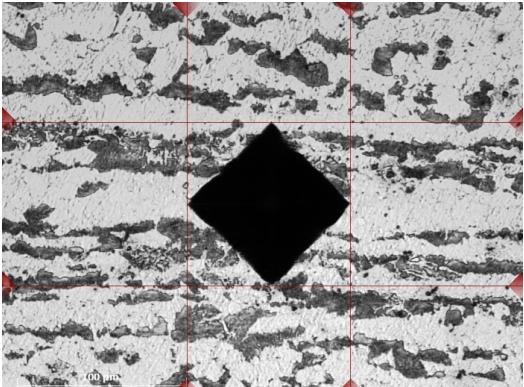
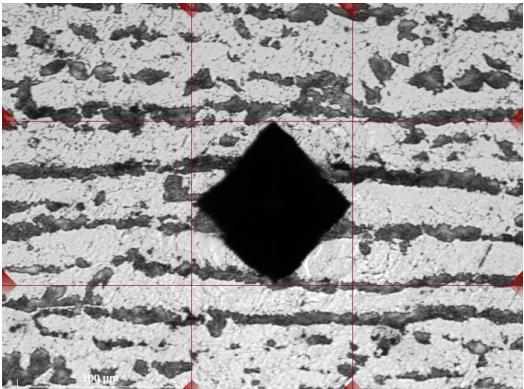
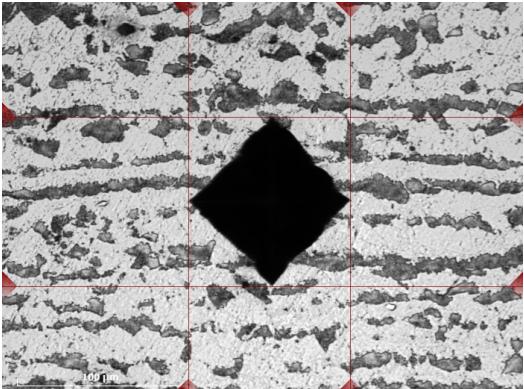
Method VICKERS
Hardness scale HV1
Dwell time 10 sec.

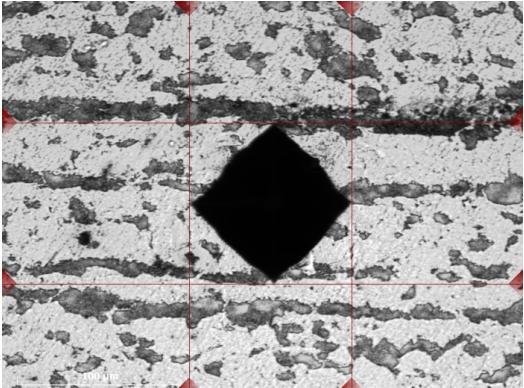
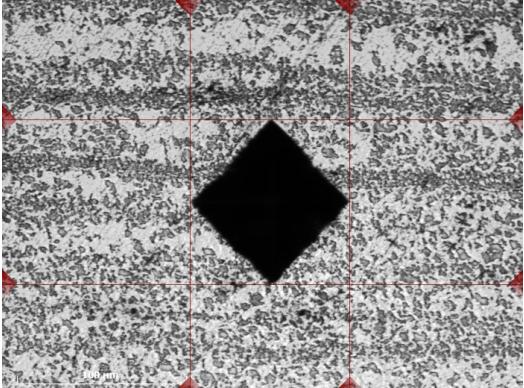
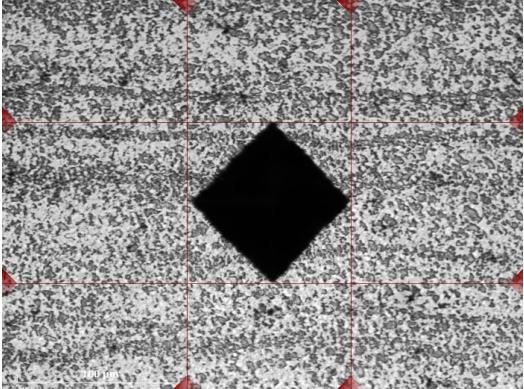
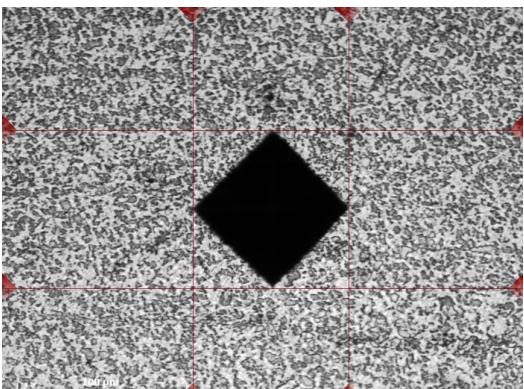
Test Pattern

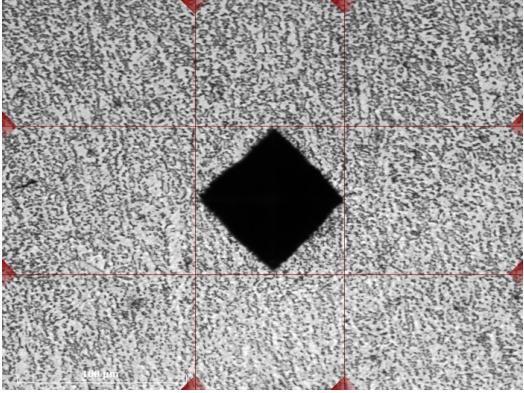
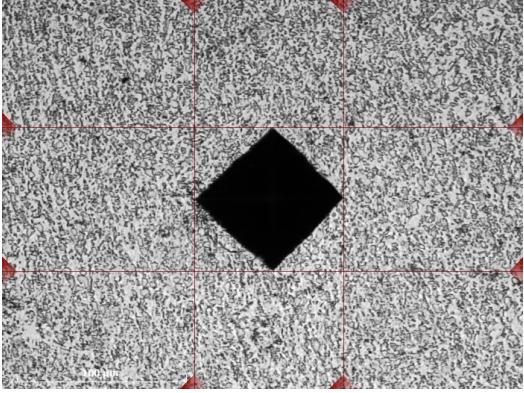
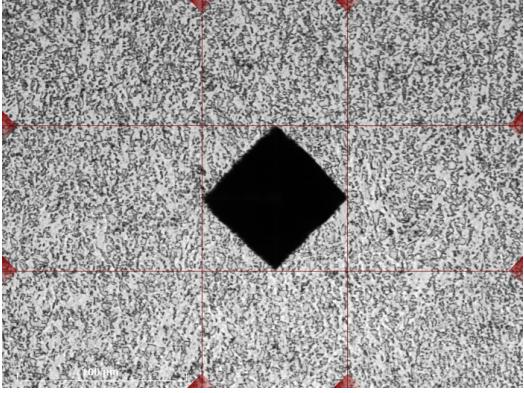
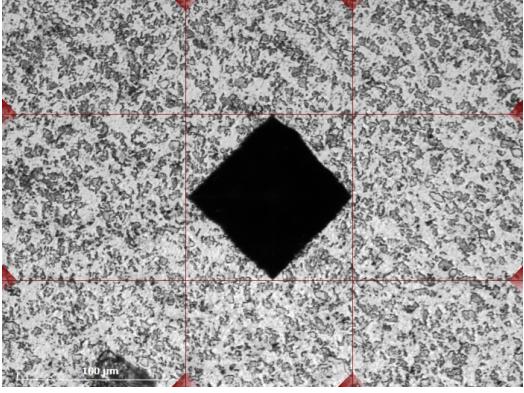


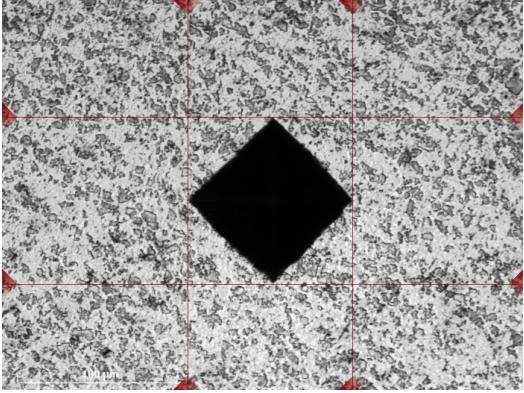
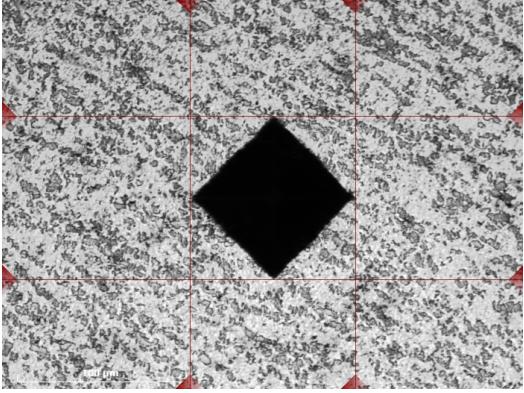
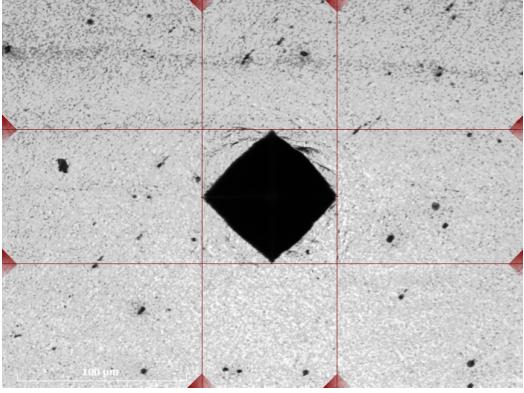
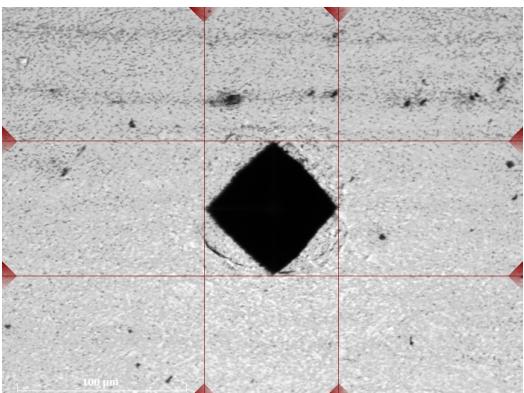
Diagrams

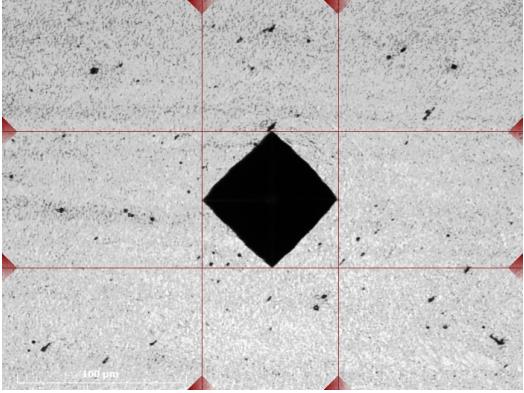
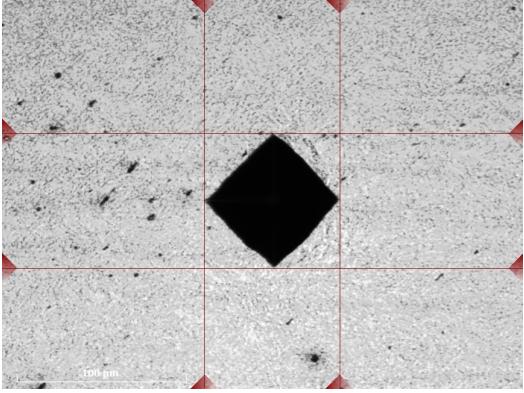
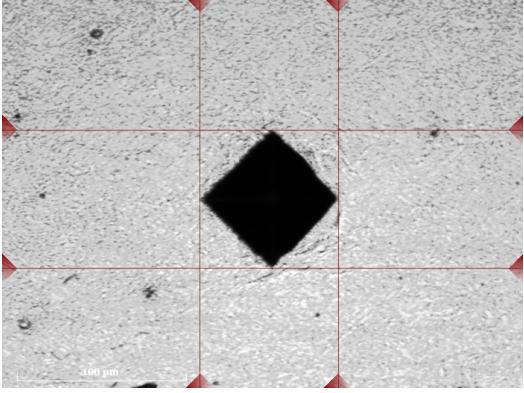


ID	1 (1/1)	
Hardness	176.79 HV1	
d1	0.1023 mm	
d2	0.1025 mm	
position	x: 90.65 mm y: 57.84 mm	
Conversions		
Time	1:25:18 PM	
ID	2 (1/1)	
Hardness	200.12 HV1	
d1	0.0963 mm	
d2	0.0963 mm	
position	x: 92.65 mm y: 57.83 mm	
Conversions		
Time	1:25:27 PM	
ID	3 (1/1)	
Hardness	203.27 HV1	
d1	0.0948 mm	
d2	0.0963 mm	
position	x: 94.65 mm y: 57.82 mm	
Conversions		
Time	1:25:36 PM	
ID	4 (1/1)	
Hardness	195.34 HV1	
d1	0.0955 mm	
d2	0.0994 mm	
position	x: 96.65 mm y: 57.80 mm	
Conversions		
Time	1:29:21 PM	

ID	5 (1/1)	
Hardness	204.89 HV1	
d1	0.0955 mm	
d2	0.0948 mm	
position	x: 98.65 mm y: 57.79 mm	
Conversions		
Time	1:25:54 PM	
ID	6 (1/1)	
Hardness	203.81 HV1	
d1	0.0940 mm	
d2	0.0968 mm	
position	x: 102.80 mm y: 57.77 mm	
Conversions		
Time	1:26:03 PM	
ID	7 (1/1)	
Hardness	202.76 HV1	
d1	0.0965 mm	
d2	0.0948 mm	
position	x: 103.30 mm y: 57.77 mm	
Conversions		
Time	1:26:12 PM	
ID	8 (1/1)	
Hardness	217.89 HV1	
d1	0.0915 mm	
d2	0.0930 mm	
position	x: 103.80 mm y: 57.77 mm	
Conversions		
Time	1:26:21 PM	

ID	9 (1/1)	
Hardness	242.14 HV1	
d1	0.0880 mm	
d2	0.0870 mm	
position	x: 105.39 mm y: 57.69 mm	
Conversions		
Time	1:26:30 PM	
ID	10 (1/1)	
Hardness	249.34 HV1	
d1	0.0877 mm	
d2	0.0847 mm	
position	x: 106.39 mm y: 57.69 mm	
Conversions		
Time	1:26:39 PM	
ID	11 (1/1)	
Hardness	253.09 HV1	
d1	0.0857 mm	
d2	0.0855 mm	
position	x: 107.39 mm y: 57.69 mm	
Conversions		
Time	1:31:05 PM	
ID	12 (1/1)	
Hardness	193.52 HV1	
d1	0.0980 mm	
d2	0.0978 mm	
position	x: 110.01 mm y: 57.76 mm	
Conversions		
Time	1:26:59 PM	

ID	13 (1/1)	
Hardness	194.52 HV1	
d1	0.0973 mm	
d2	0.0980 mm	
position	x: 110.51 mm y: 57.75 mm	
Conversions		
Time	1:27:07 PM	
ID	14 (1/1)	
Hardness	198.57 HV1	
d1	0.0973 mm	
d2	0.0960 mm	
position	x: 111.01 mm y: 57.74 mm	
Conversions		
Time	1:27:16 PM	
ID	15 (1/1)	
Hardness	295.53 HV1	
d1	0.0795 mm	
d2	0.0790 mm	
position	x: 117.11 mm y: 57.66 mm	
Conversions		
Time	1:27:25 PM	
ID	16 (1/1)	
Hardness	295.51 HV1	
d1	0.0792 mm	
d2	0.0792 mm	
position	x: 119.11 mm y: 57.64 mm	
Conversions		
Time	1:27:34 PM	

ID	17 (1/1)	
Hardness	288.18 HV1	
d1	0.0802 mm	
d2	0.0802 mm	
position	x: 121.11 mm y: 57.61 mm	
Conversions		
Time	1:27:42 PM	
ID	18 (1/1)	
Hardness	294.57 HV1	
d1	0.0795 mm	
d2	0.0792 mm	
position	x: 123.11 mm y: 57.58 mm	
Conversions		
Time	1:27:51 PM	
ID	19 (1/1)	
Hardness	279.38 HV1	
d1	0.0815 mm	
d2	0.0815 mm	
position	x: 125.11 mm y: 57.56 mm	
Conversions		
Time	1:28:00 PM	

Measurement Tables

Pattern: 1

Measurement Index	Result
1 (1/1)	176.79 HV1
2 (1/1)	200.12 HV1
3 (1/1)	203.27 HV1
4 (1/1)	195.34 HV1
5 (1/1)	204.89 HV1
6 (1/1)	203.81 HV1
7 (1/1)	202.76 HV1

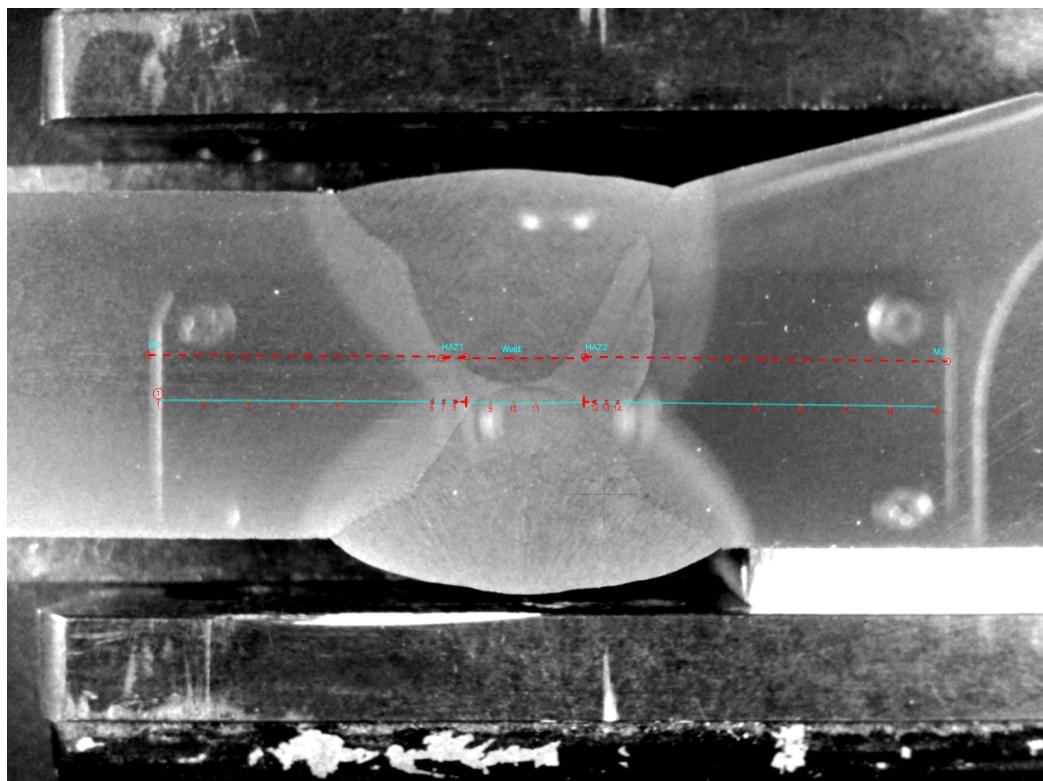
8 (1/1)	217.89	HV1
9 (1/1)	242.14	HV1
10 (1/1)	249.34	HV1
11 (1/1)	253.09	HV1
12 (1/1)	193.52	HV1
13 (1/1)	194.52	HV1
14 (1/1)	198.57	HV1
15 (1/1)	295.53	HV1
16 (1/1)	295.51	HV1
17 (1/1)	288.18	HV1
18 (1/1)	294.57	HV1
19 (1/1)	279.38	HV1

Statistics

Pattern	Mean	Min	Max	SD	Range	USL	LSL	Cp	Cpk
1	231.01	176.79	295.53	41.52	118.73	0.00	0.00	0.00	-1.85

Snapshot

Snapshot 1



Enter Comments