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LAMPIRAN

Lampiran A

Tabel Kekuatan Impak Pada Jurnal Rujukan

Sampel	p mm	l mm	t mm	h mm	T °C	A mm ²	EP Joule	K Joule/mm ²	α °	β °	K Rata-rata
1	55.4	10	10.2	8.4		85.68	22,476558	0,2623314	110	103	
2	55.3	10.1	10.1	8.3	- 8	83.83	19,218259	0,2292528	110	104	0,25567741
3	55.2	10.2	10.2	8		81.6	22,476558	0,275448	110	103	
4	55.1	10.3	10.1	8,2		82.82	20,845702	0,2516989	110	103,5	
5	54.5	9,75	10	8,2	0	82	22,476558	0,2741044	110	103	0,25534383
6	55.5	10	10	8		80	19,218259	0,2402282	110	104	
7	55.5	10.1	10	7.8		78	19,218259	0,2463879	110	104	
8	55.2	9.9	10	8.3	10	83	19,218259	0,2315453	110	104	0,2382232
9	55.2	9.8	9.9	8.2		81.18	19,218259	0,2367364	110	104	
10	55.2	10.2	10.2	8.2		83.64	25,748013	0,3078433	110	102	
11	54.8	10.1	9.9	8.1	28	80.19	19,218259	0,2396591	110	104	0,26003753
12	55.2	10.2	10.2	8.1		82.62	19,218259	0,2326103	110	104	
13	54.9	10.1	10.1	8.1		81.81	15,974109	0,1952586	110	105	
14	55.2	10	9.9	8.2	40	81.18	12,745094	0,156998	110	106	0,19554187
15	55.2	10	10	8.2		82	19,218259	0,234369	110	104	
16	55.2	10	9.9	8.2		81.18	22,476558	0,2768731	110	103	
17	55.0	9.7	10	8.2	50	82	22,476558	0,2741044	110	103	0,26417809
18	55.2	10	10.2	7.8		79.56	19,218259	0,2415568	110	104	
19	55.2	10	10	8		80	15,974109	0,1996764	110	105	
20	55.0	10	10	8.4	60	84	29,031627	0,3456146	110	101	0,24869054
21	55.1	10.2	10.2	7.8		79.56	15,974109	0,2007807	110	105	
22	55.3	10.2	10.1	7.7		77.77	15,974109	0,2054019	110	105	
23	55.3	10	10	8	65	80	19,218259	0,2402282	110	104	0,21820198
24	55.5	9.9	9.8	7.8		76.44	15,974109	0,2089758	110	105	
25	55.5	10	10	8.1	80	81	19,218259	0,2372625	110	104	
26	55.5	9.9	9.9	8.3	80	82.17	19,218259	0,2338841	110	104	0,24841699
27	55.1	10	10	8,2	80	82	22,476054	0,2741044	110	103	
28	55.0	10,1	10,1	8,3	100	83,83	27,388363	0,3267131	110	101.5	
29	55.5	10	10	8,3	100	83,83	22,476558	0,2708019	110	103	0,27635345
30	55.5	10	10	8,3	100	83,83	19,218259	0,2315453	110	104	
31	55.1	10,3	10,1	8,2	0	82.82	20,845702	0,2516989	110	103,5	
32	54.5	9,75	10	8,2	0	82	22,476558	0,2741044	110	103	0,25534383
33	55.5	10	10	8	0	80	19,218259	0,2402282	110	104	
34	55.2	10	10	8	60	80	15,974109	0,1996764	110	105	
35	55.0	10	10	8.4	60	84	29,031627	0,3456146	110	101	0,24869054
36	55.1	10.2	10.2	7.8	60	79.56	15,974109	0,2007807	110	105	
Rata-rata							20,175625	0,2470583			0,24705828

Lampiran B

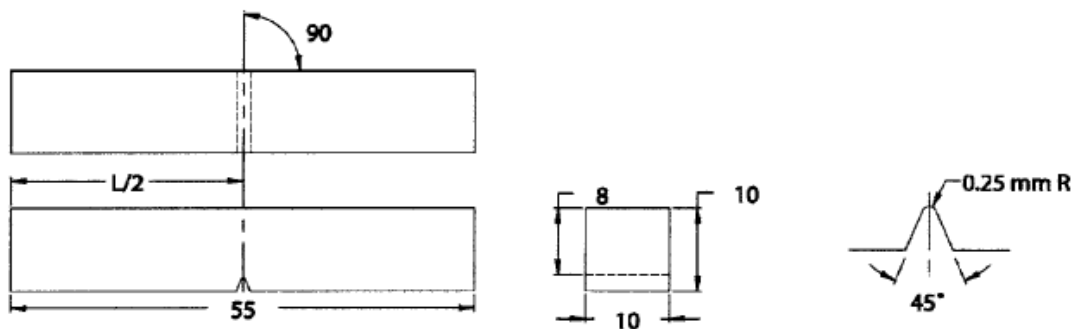
Foto Pengujian Tarik



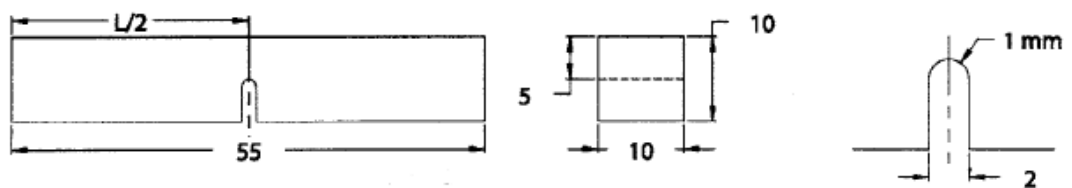
Lampiran C

Ukuran Spesimen Penelitian

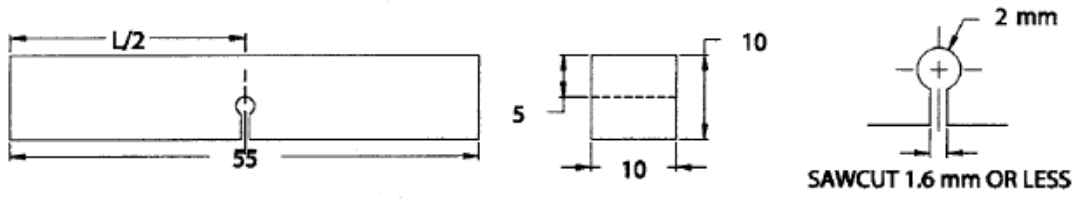
- Takikan V



- Takikan U

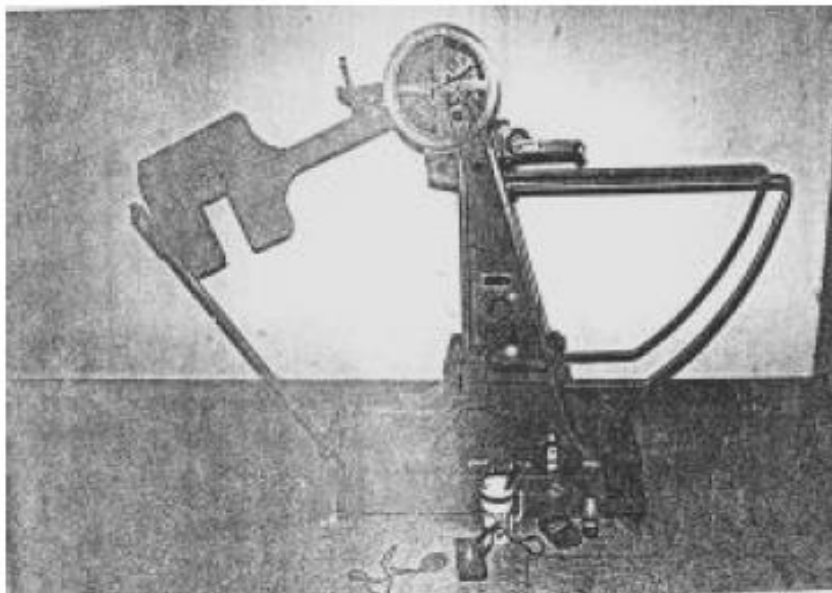


- Takikan Lubang Kunci



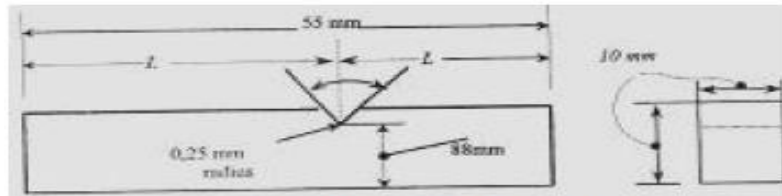
Lampiran D

Spesifikasi Alat Uji Impak Charpy Pada Jurnal Rujukan

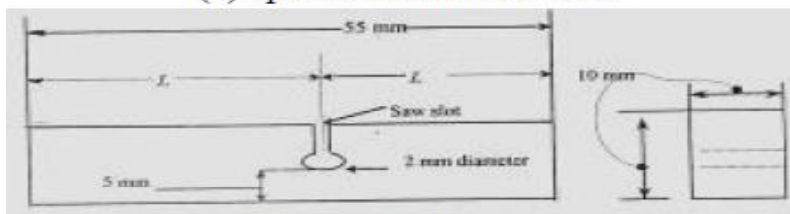


Lampiran E

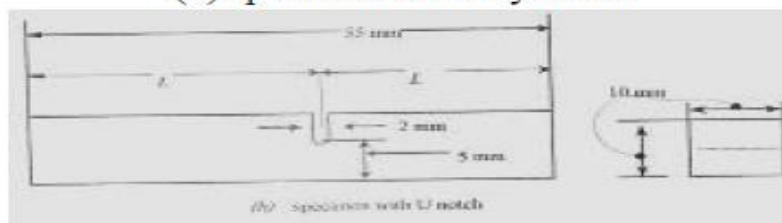
Spesimen Pada Jurnal Rujukan



(a) specimen with V notch



(b) specimen with key notch



(c) specimen with U notch