U.C.L.	Marks		Dimensions.		Limit of Elasticity.	asticity.	Breaking Load.	.oad.	Ratio of	Extension on whole	Reduction .	Extension on ³ Inches	Damaelee
Test Number.	on Piece.	Breadth.	Thickness.	Area.	Pounds.	Tons.	Pounds.	Tons.			Fracture.	at Fracture.	'en remar
		HALF-INC	HALF-INC H BARS.										
7,618	K.A. A.	•480 in.	- <u>1</u> 85 in.)	Sq. In. .233	Per sq. in. 36,510	Per sq. in. 16·30	Per sq. in. 1 57,450	Per sq. in. 25.65	.636	Per cent.	Per cent. 43.6	29.7	Silky, about 8 per cent, finely crystalline.
7 619		(Tested as)	Tested as r eceived.)	.154	41.140	18.36	60.740	27-11	273-	9.61	41.1	26.7	Silky, about 10 per cent, crystalline.
7,620	" "B.		Diameter.	153	41,630	18.58	58,770	26.23	-708 863	21-9	44.0 46.8	29-7 33-3	Silky, specks of crystal.
120'1	*	(Tested as 1	Tested as received.)	007	00,04U	08.0T	0100,10	00 07				2	• Carro
7,622	" C.		Diameter.	-157	40,030	17-87	59,270 57 800	26-46 95-80	-675 -679	20-3 18-5	30.7	23-3 23-3	Silky, specked with crystal. Silky, slightly reedy : broke inst at Inspector's stamp.
670,1		(Tested as received.)	eceived.)	107	007,60	70 17	000		2	2			A start a start of the start of
7,624	" D.		Diameter.	-157	40,150	17-92	60,290	26 91	999.	19-8	42-1	28:0 28:0	Silky.
7,625	"	· •477 in.	-481 in. /	622.	30,180	<u>91.91</u>	00,000	10.07	200-	7.4.7	40.1	0.26	DILKY.
7.626	E .	(Tested asrieceived.)	Diameter.	-156	40,400	18-04	61,350	27-39	629-	0-61	38.8	24.7	Silky, about 8 per cent. crystalline.
7,627	:	·481 in.	·480 in. (-231	40,820	18-22	59,120	26-39	069.	21.2	34.8	23-7	Silky, about 15 per cent. crystalline.
000 1	F	<u> </u>	received.)	0 x -	000 17	<i>33</i> .01	20 100	98.07	-716	17.0	9.14	0.16	Silb u snackad with c wat al
7,629		-440 in.	.481 in.)	-232	#1,000 39,350	17-57	58,750	26-23	.029.	23.8	38.4	29.3	Bilky.
		<u> </u>	eceived.)					-	1	1	 	1	
7,630	G.		Diameter.	·156	37,430	16-71	56,590	25.26	199.	21.5	49-9 6-07	27.7	Silky.
7,631		Tasted as acceived	-483 in. /	-234	38,730	6Z.LT	016,66	24.30	£60.	1.07	40.2	1.70	DILKY.
7.632	. Н	.447 in.	Diameter,	-157	45,640	20-37	62,600	27-94	•729	21-9	47-2	30-0	Silky.
7,633	*	-483 in.	481 in }	·232	42,300	18-88	61,020	27-24	·693	1.61	42.4	25.0	Silky, a surface-blister on one side.
100 4	۲ 	(Tested as r eceived.)	eceived.)	660.	V LA 36	00.91	K9 700	0.00	690	19-9	02.5	16.7	Silly a little mooder , hunka aanvaa Inanaatan'e atomin
1,004		Tastad as margined	.11 004.	007	016,06	nent	001/00	10 07	000	2021	50 CZ	- 01	DITEY, a TIME TOOL , DIAR actor THEPOCAT & SWITTP.
7.635	:	·443 in.	Diameter.	·154	40.240	96-21	56.330	25.15	·714	17.7	35-4	23.3	Silky, a blister on surface.
7,636	K.Å. J.	·447 in.	Diameter.	·157	40,280	17-98	55,460	24.76	.726	20.1	40-1	26.0	Silky.
7,637	"	.485 in.	.486 in. }	•236	35,110	15.67	54,630	24-39	·642	16-2	21-9	17-7	Silky, slightly reedy.
063 4	71	(Tested as received.)	eceived.)	.157	38 750	17-20	56 470	16.36	888.	18.8	1.64	9.5.7	Silt-
7.639	;	.482 in.	.484 in.)	233	37,400	16.70	54,760	24.45	•683	23.9	44.1	30-0	Silky.
	6	(Tested as received.)	eceived.)										
·													

REPORT ON TENSILE TESTS OF FORTY-FOUR WROUGHT IRON BARS-continued.

ALEX. B. W. KENNEDY.

J. Carruthers, Esq., 9, Great Queen Street, Westminster, S.W.