

CENTRAL INTELLIGENCE AGENCY INFORMATION REPORT

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

SECRET - US OFFICIALS ONLY

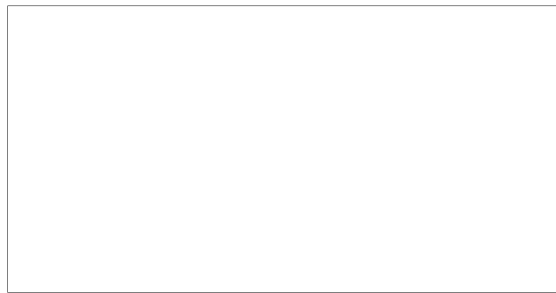
COUNTRY	USSR <input type="text"/>	REPORT	<input type="text"/>
SUBJECT	Soviet Type 85 mm Caliber Armor-piercing Projectiles	DATE DISTR.	31 January 1955
DATE OF INFO.	<input type="text"/>	NO. OF PAGES	2
PLACE ACQUIRED	<input type="text"/>	REQUIREMENT	<input type="text"/>
		REFERENCES	

This is UNEVALUATED

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)



Soviet type 85 mm caliber armor-piercing projectiles reveal that the mechanical properties, i.e., hardness and tensile strength, of these projectiles are as indicated in the sketch on page 2.



25X1

25X1

25X1

25X1

25X1

25X1

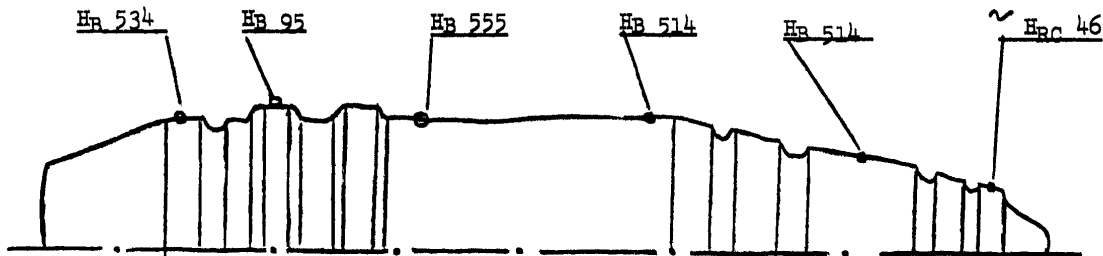
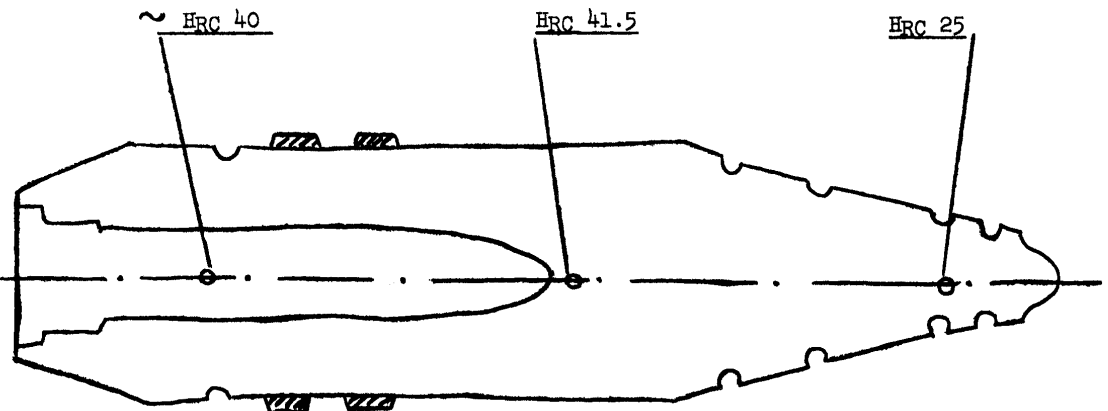
25X1

STATE	X	ARMY	EV	X	NAVY	X	IR	X	FBI	AEC	OSI	GV	X		
-------	---	------	----	---	------	---	----	---	-----	-----	-----	----	---	--	--

(NOTE: Washington distribution indicated by "X"; Field distribution by "#".)

//

Caliber 85 mm Armor-piercing Projectile (Soviet)



Hardness:
(Brinell)

HB 95
HB 514
HB 534
HB 555

(Rockwell)

HRC 25
HRC 40
HRC 41.5
HRC 46

Tensile Strength

σ_{TM} 34 kp (sic)/mm² 1
 σ_{TM} 185 kp (sic)/mm²
 σ_{TM} 192 kp (sic)/mm²
 σ_{TM} 200 kp (sic)/mm²

σ_{TM} 89 kp (sic)/mm² 1
 σ_{TM} 135 kp (sic)/mm²
 σ_{TM} 141 kp (sic)/mm²
 σ_{TM} 158 kp (sic)/mm²

1. Comment. This should probably read kg/mm².

25X1

25X1

25X1