

23x115 mm Round **HEI** / High-Explosive Incendiary Projectile
23x115 mm Round **HEI-M** / High-Explosive Incendiary Projectile
23x115 mm Round **HEI-T** / High-Explosive Incendiary Tracer Projectile
23x115 mm Round **HEI-TP** / High-Explosive Incendiary Target Practice Projectile

23x115 mm HEI
NSN: 1305-50-000-0783

23x115 mm HEI-M
NSN: 1305-50-001-2478

23x115 mm HEI-T
NSN: 1305-50-001-3279

23x115 mm HEI-TP
NSN: 1305-50-001-2488

The Rounds are compatible with 23 mm GSh-23, GSh-23L, GSh-6-23M and AM-23 Automatic guns installed on Su-24, MiG-31, Su-15, MiG-21, MiG-23, Tu-22M, Tu-95s and Ilyushin Il-76 aircraft and Mi-24VP, W-3WA helicopters, and others.

- 23x115 mm **HEI**, **HEI-M**, and **HEI-T** are intended to defeat unarmored and light armored ground and air targets, and manpower.
- 23x115 mm **HEI-TP** is intended for training purposes.



PACKING	HEI, HEI-TP	HEI-M; HEI-T
Number of rounds in one wooden case	132 rounds 44 pcs packed in a metal airtight box 3 pcs. metal box in a wooden case	
Wooden case dimensions, mm/in	875 x 398 x 206 mm / 34.4 x 15.6 x 8.1 in	875 x 398 x 206 mm / 34.4 x 15.6 x 8.1 in
Gross weight, kg/lbs.	61 kg / 134.4 lbs.	63 kg / 138.8 lbs.
Volume, m ³	0.072 m ³	0.072 m ³

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TECHNICAL DATA	HEI	HEI-M	HEI-T	HEI-TP
Caliber, mm	23x115	23x115	23x115	23x115
Projectile type	High-Explosive Incendiary	High-Explosive Incendiary	High-Explosive Incendiary, Tracer	High-Explosive Incendiary Target Practice
Round length, mm/in	from 197.90 to 200.53 mm / 7.7 to 7.8 in	from 197.90 to 200.53 mm / 7.7 to 7.8 in	from 197.90 to 200.53 mm / 7.7 to 7.8 in	from 197.90 to 200.53 mm / 7.7 to 7.8 in
Round weight, g/oz	approx. 329 g / 11.6 oz	approx. 341 g / 12.0 oz	approx. 343 g / 12.0 oz	approx. 341 g / 12.0 oz
Projectile weight, g/oz	approx. 174 g / 6.1 oz.	approx. 186 g / 6.5 oz.	approx. 188 g / 6.6 oz.	approx. 186 g / 6.5 oz.
Explosive filling type	A-IX-2	A-IX-2	A-IX-2	-
Explosive filling weight, g/grain	approx. 17.8 g / 274.6 gr	approx. 18.4 g / 283.9 gr	approx. 15.2 g / 234.5 gr	-
Fuze type	AF23	AF23	AF23	Ballistic plug
Fuze arming distance, m	from 2.5 to 100 m	from 2.5 to 100 m	from 2.5 to 100 m	-
Tracer burning time, s	-	-	not less than 5 seconds	-
Average muzzle velocity, V _{oaver} , m/s	715	700	700	700
Average max Pressure at 15°C/59°F P _{max_{aver}} , MPa/PSI	not more than 294.2 MPa / 42,670 PSI	not more than 294.2 MPa / 42,670 PSI	not more than 294.2 MPa / 42,670 PSI	not more than 294.2 MPa / 42,670 PSI
Propellant type	4/7 Cgr	4/7 Cgr	4/7 Cgr	4/7 Car
Case material	brass	brass	brass	brass
Operational temperature range, °C/°F	from -50°C to 50°C / -58°F to 122°F	from -50°C to 50°C / -58°F to 122°F	from -50°C to 50°C / -58°F to 122°F	from -50°C to 50°C / -58°F to 122°F
CLASS OF EXPLOSION HAZARD	1.1F; UN 0005	1.1F; UN 0005	1.1F; UN 0005	1.2C; UN 0328