



30x165 mm Rd HEI - High-Explosive Incendiary Projectile
30x165 mm Rd HE-T - High-Explosive Tracer Projectile
30x165 mm Rd HEI-T - High-Explosive Incendiary Tracer
Projectile

30x165 mm HEI
NSN: 1305-50-000-7423

30x165 mm HE-T
NSN: 1305-50-001-1955

30x165 mm HEI-T
NSN: 1305-50-001-1668

The Rounds are used to defeat manpower, ground unarmored and light armored vehicles, enemy manpower and air targets.

The Rounds are compatible with:

30 mm GSh-30 / GSh-30K / GSh-6-30 / GSh-301 automatic guns installed on Su-25 / Su-27 / Yak-141 / MiG-29 aircraft / Mi-24P helicopters, and others.

The rounds ensure High Explosive & Incendiary effects about 30 cm / 11.8 in. behind the point of impact inside the target.

TECHNICAL DATA	HEI	HE-T	HEI-T
Caliber, mm	30 x 165	30 x 165	30 x 165
Projectile type	High-Explosive Incendiary	High-Explosive Tracer	High-Explosive Incendiary with Tracer
Round length, mm/in	from 282.15 to 285.44 mm / 11.1 to 11.2 in	from 282.15 to 285.44 mm / 11.1 to 11.2 in	from 282.15 to 285.44 mm / 11.1 to 11.2 in
Round weight, g/oz.	approx. 832 g / 29.3 oz.	approx. 834 g / 29.4 oz.	approx. 832 g / 29.3 oz.
Projectile weight, g/oz.	approx. 390 g / 13.7 oz.	approx. 384 g / 13.5 oz.	approx. 390 g / 13.7 oz.
Electric primer cartridge	EKV-30M	EKV-30M	EKV-30M
Tracer burning time, s	-	Not less than 9 seconds	Not less than 1.5 seconds
Explosive filling type	A-IX-2	A-IX-2	A-IX-2
Explosive filling weight, g/grains	approx. 48.5 g / 748 grains	approx. 11.6 g / 179 grains	approx. 43.5 g / 671 grains
Fuze type	AF34	AF34	AF34
Average muzzle velocity, V _o aver, m/s	890	880	880
Average max Pressure at 15°C/59°F P _{max} aver, MPa	not more than 313.8 MPa / 45,512 PSI	not more than 313.7 MPa / 45,498 PSI	not more than 313.7 MPa / 45,498 PSI
Propellant type	6/7fl	6/7fl	6/7fl
Case material	Steel (zinc plated)	Steel (zinc plated)	Steel (zinc plated)
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
CLASS OF EXPLOSION HAZARD:	1.1E; UN 0006		

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PACKING	HEI / HE-T / HEI-T
Number of rounds in one wooden case	54 rounds 18 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
Gross weight, kg/lbs.	65 kg / 143.3 lbs.
Volume, m ³	0.072 m ³



30x165mm
HEI



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HE-T



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HEI-T