



HD2M

Ballistic helmet

- Used to protect experts from explosive devices which cause high-velocity fragments
- Helmet offers protection against bullets and fragments, explosive ammo, bombs and intense heat
- Shape of helmet protect ears and allows use of microphone and radio-telephone systems
- Shell made of composite materials by unique technology
- Helmet HD2M consist of:
 - Shell
 - Suspension / retention system mechanism
 - Ballistic visor
 - Detachable ballistic neck protection (optionally per customer request)
- Provide ballistic performance to $V_{50} > 650$ m/s
- Fixed helmet visor protect its user against fragments and high velocity projectiles, and has following ballistic performance - when using bullets 9 mm PARA (FMJ 8.0 g, $V_{max} = 441$ m/s)
- Investigations conducted according to STANAG 2920, NIJ STD and MIL STD 662
- Metal parts protected against corrosion
- Produced in 3 sizes (S, M, L)

TABLE WITH TECHNICAL DATA :

Helmet size	Head size (cm)	Protection level NIJ STD 0106.01	V50 (m/s) STANAG 2920
• S (small)	up to 55	IIIA	> 650
• M (medium)	54 - 58		
• L (large)	up to 62		

TABLE WITH BALLISTIC DATA :

Ammunition	Ammunition		Weight		Max. velocity		Energy
	(g)	(Gr)	(m/s)	(ft/s)	(J)		
• 9 mm PARA	8	124	441	1450	780		
• 9 mm NORMA 19022	7,5	116	410	1345	630		
• 7,62 mm Tokarev (steel jacketed)	5,5	85	450	1480	555		
• 357 Magnum JSP	10,2	158	396	1300	800		

