



JS STEEL TARGET

MODULAR STEEL TARGET SYSTEM

MODULAR STEEL TARGET SYSTEM (MSTS)

- Based on „MODULAR BASE” - basic component ,common for all products in MSTS product line (SUPER HEAVY DUTY),
- Enables free configuration of shooting range array,
- Design equipped in bullet spray deflector for maximum shooter safety,
- Validated and proven design in long term testing and high quality materials used are the guarantee for long and safe work at shooting range,
- Design used successfully by Polish SF.

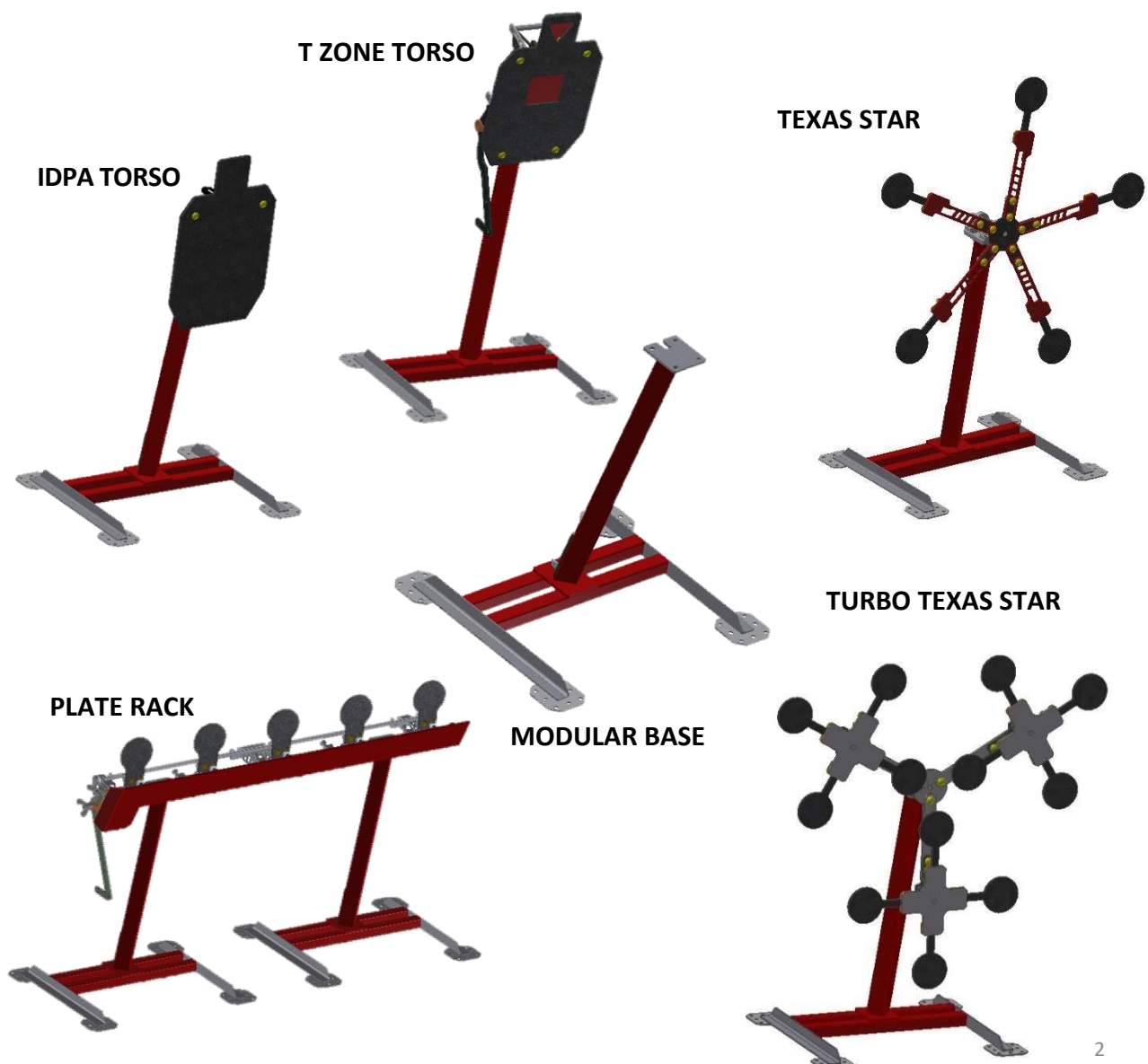


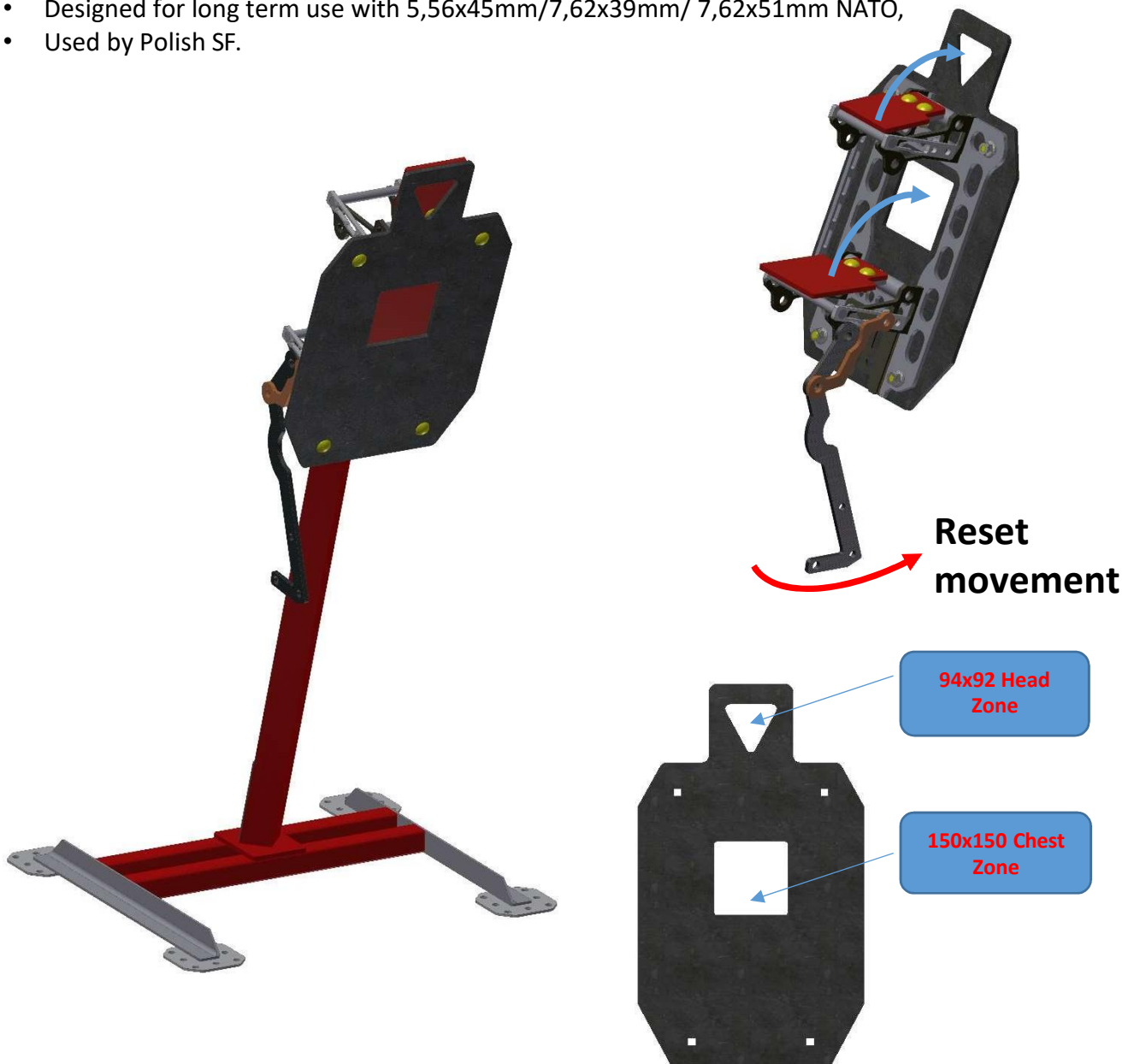
PLATE RACK- Modular reactive target

- Reactive Steel Target based on „MODULAR BASE”, (**MSTS**).
- 5 plates of 170mm diameters, falling back on the hinge after being properly hit,
- Reset is performed manually by the lever and steel cord- very effective lifting system,
- Product is designed for maximum life cycle,
- Front shield angle to the ground ensures safety of use,
- Designed for long term use with 5,56x45mm/7,62x39mm/ 7,62x51mm NATO,
- Used by Polish SF



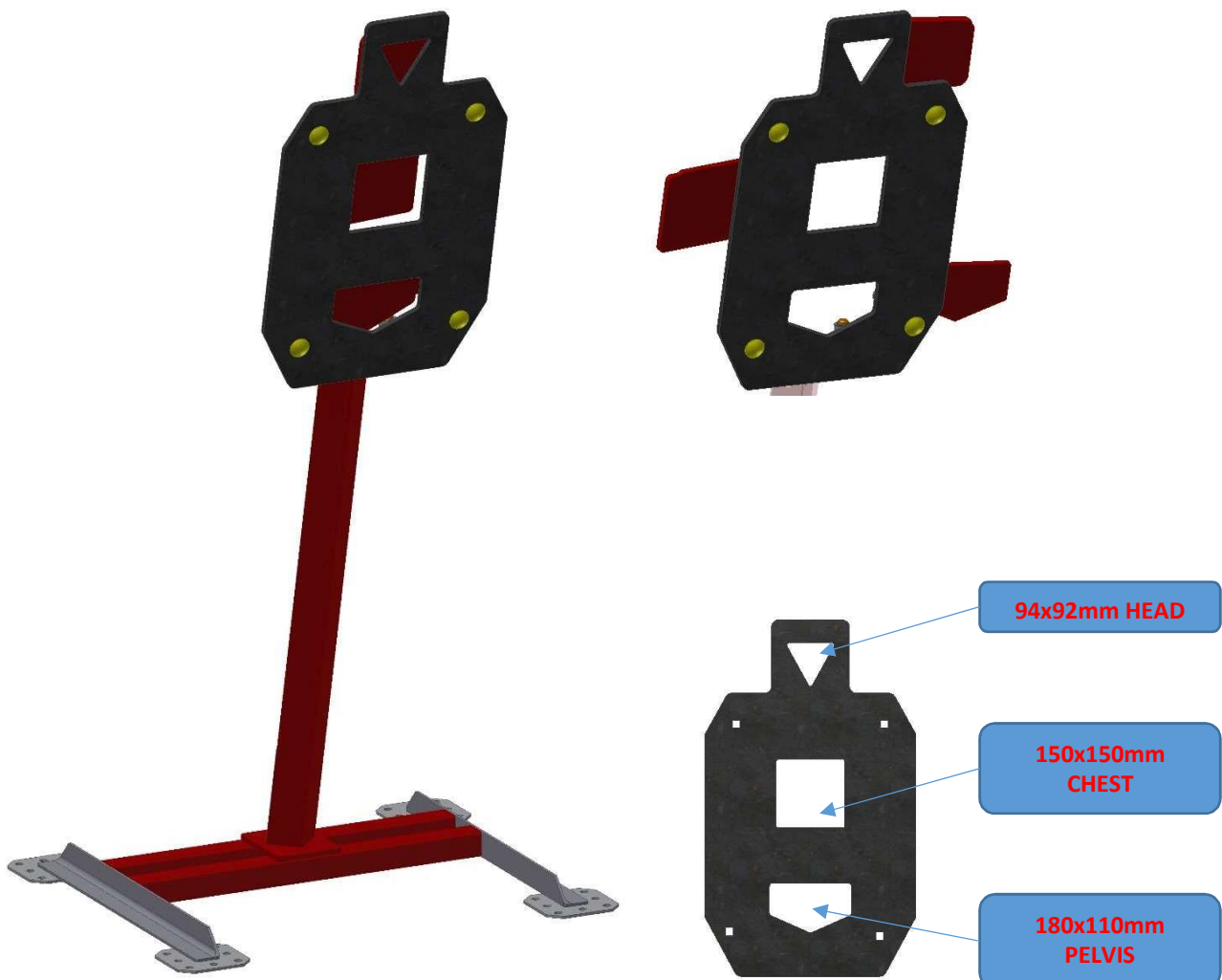
„T” ZONE TORSO- Modular reactive target

- Reactive Steel Target based on „MODULAR BASE” (**MSTS**), Torso IDPA standard,
- 2 Hit zones: 1.Chest 150x150mm, 2.Head triangle 94x92mm,
- Zone when properly hit shows empty place, plate falls back on hinge,
- Reset is performed manually by the lever and steel cord, very effective lifting system,
- Product is designed to train shooter to maximize fire on „KILL ZONES”,
- Front shield angle to the ground ensures safety of use,
- Designed for long term use with 5,56x45mm/7,62x39mm/ 7,62x51mm NATO,
- Used by Polish SF.



IDPA 3 Hit Zones- Modular reactive target

- Reactive Steel Target based on „MODULAR BASE” (**MSTS**). Torso IDPA standard,
- 3 Hit zones: 1.Head triangle 94x92mm, 2.Chest 150x150mm, 3.Pelvis 180x110mm
- Zone when properly hit shows empty place, plate rotates aside in the hinge,
- Reset is performed by shooting back the plate in open position,
- Product is designed to train shooter to maximize fire on „DEATH ZONES”,
- Front shield angle to the ground ensures safety of use,
- Designed for long term use with 5,56x45mm/7,62x39mm/ 7,62x51mm NATO,
- Used by Polish SF.



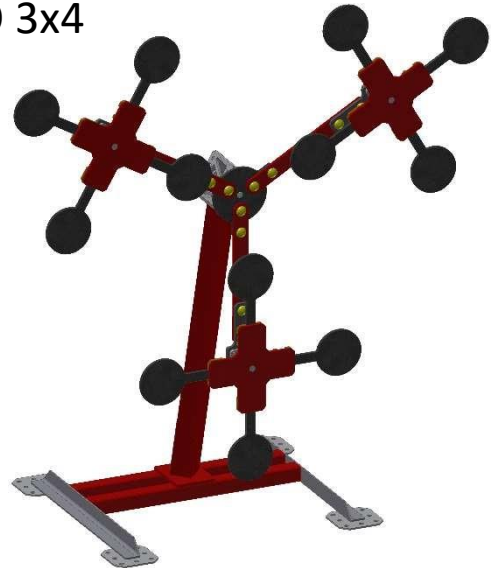
TEXAS STAR– Modular reactive target

- Reactive Steel Target based on „MODULAR BASE” (MSTS). - TEXAS STAR – 3 versions
- 1.STANDARD - 5 plates /150mm diameter for: 9x19mm/5,56x45mm/7,62x39mm
- 2.TURBO 3x4 - 12 plates /150mm diameter for: 9x19mm/5,56x45mm/7,62x39mm
- 3.TURBO 3x6 - 18 plates /150mm diameter for: 9x19mm/5,56x45mm/7,62x39mm
- After hit the plate falls off – Star starts to rotate
- Used by Polish SF

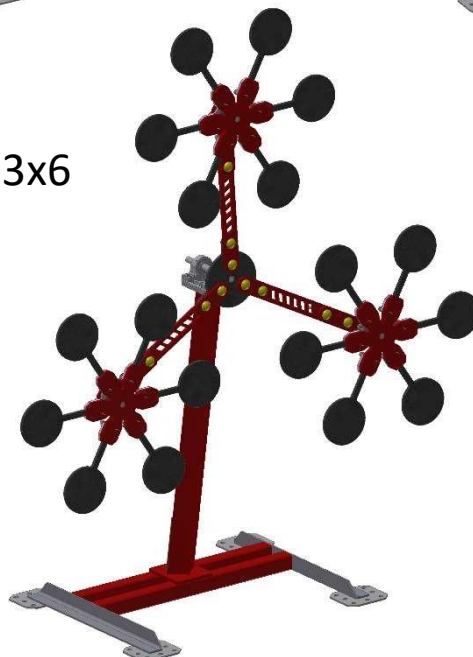
STANDARD 5



TURBO 3x4

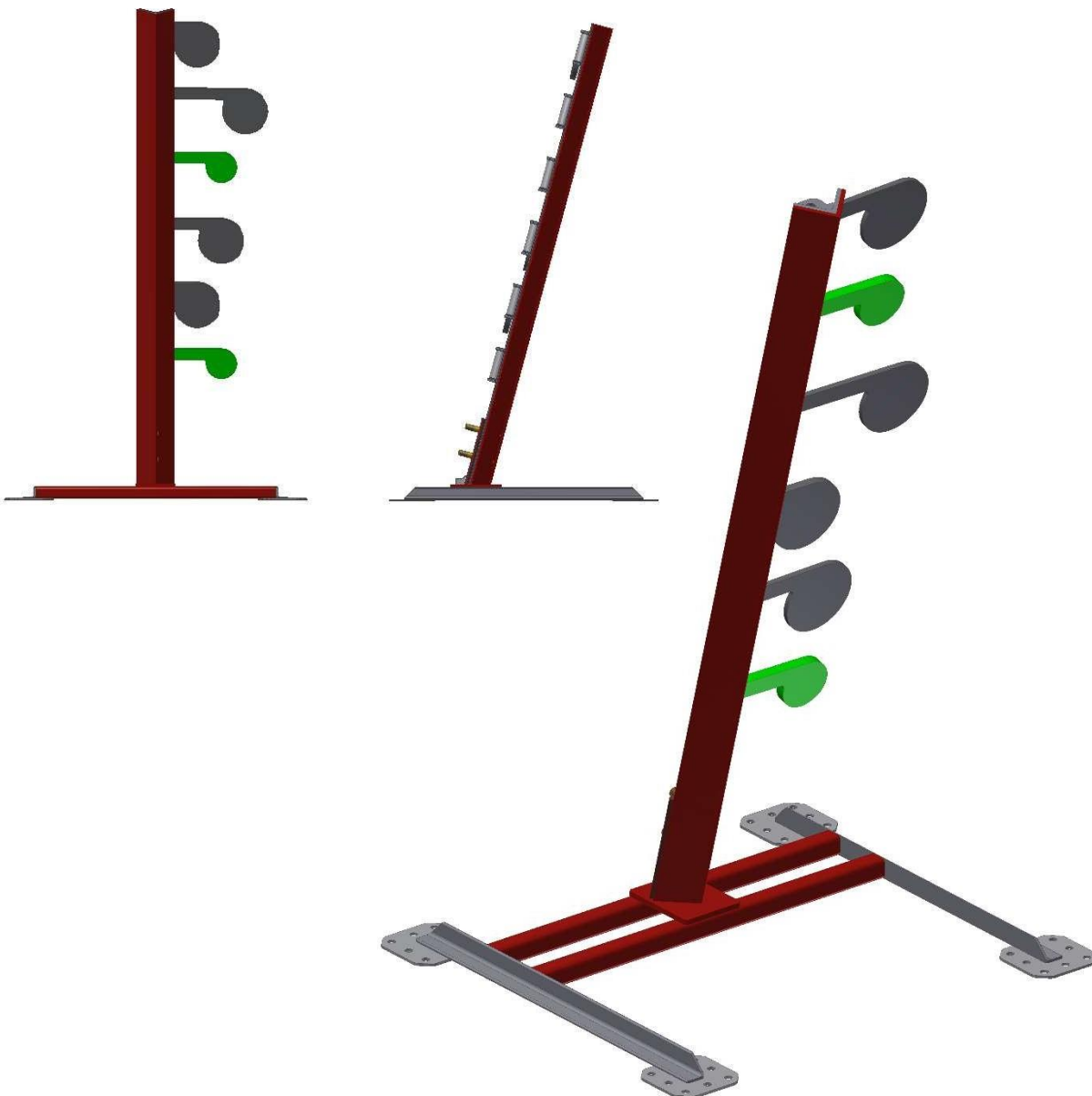


TURBO 3x6

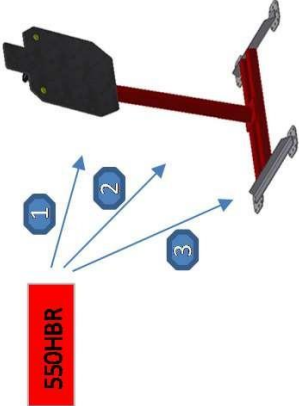
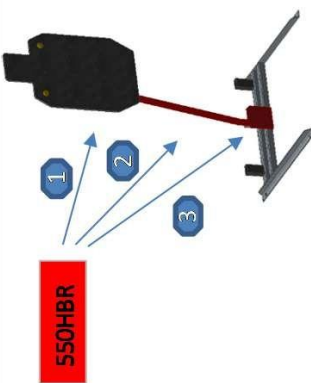
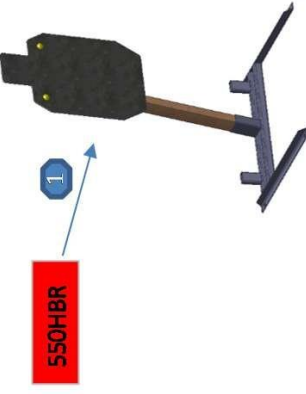


DUELING TREE– MSTS (SUPER HEAVY DUTY)

- Reactive target based on 800x800 steel base
- 6 nests for plates assembly
- Equipped with 9 plates with different diameter 100/150 mm and length (100/150/200)
- After proper hit, plates rotates on other side
- All parts subjected on direct gun fire- protected by hardened steel
- Deflector minimizes probability of bullet particle flying back to shooter
- Designed for long term usage with 9x19mm/5,56x45mm
- Tested and used by Polish SF



TORSO – 3 Different base systems

		PLATE THICKNESS	VIEW	ADVANTAGES	DISADVANTAGE
1	MSTS - SUPER HEAVY DUTY	1.TARGET 550 HBR- 10 mm		1.Maximum safety 2.Maximum life time	1.Mass
		2.POLE DEFLECTOR - 550 - 10 mm			
		3.BASE 10 mm on the TOP 5mm FRONT and TOP			
2	HEAVY DUTY	1.TARGET 550 HBR- 10 mm		1.Maximum safety 2.Medium life time of support	1.Base is less durable than MSTS system
		2.POLE 550 HBR- 10 mm			
		3.BASE 550 HBR- 10 mm - Front cover			
3	LIGHT DUTY	1.TARGET 550 HBR- 10 mm		1.Maximum safety 2.Medium life time of support	1.Base is less durable than HEAVY DUTY - cannot withstand direct fire
		2.POLE WOODEN			
		3.BASE MILD STEEL			

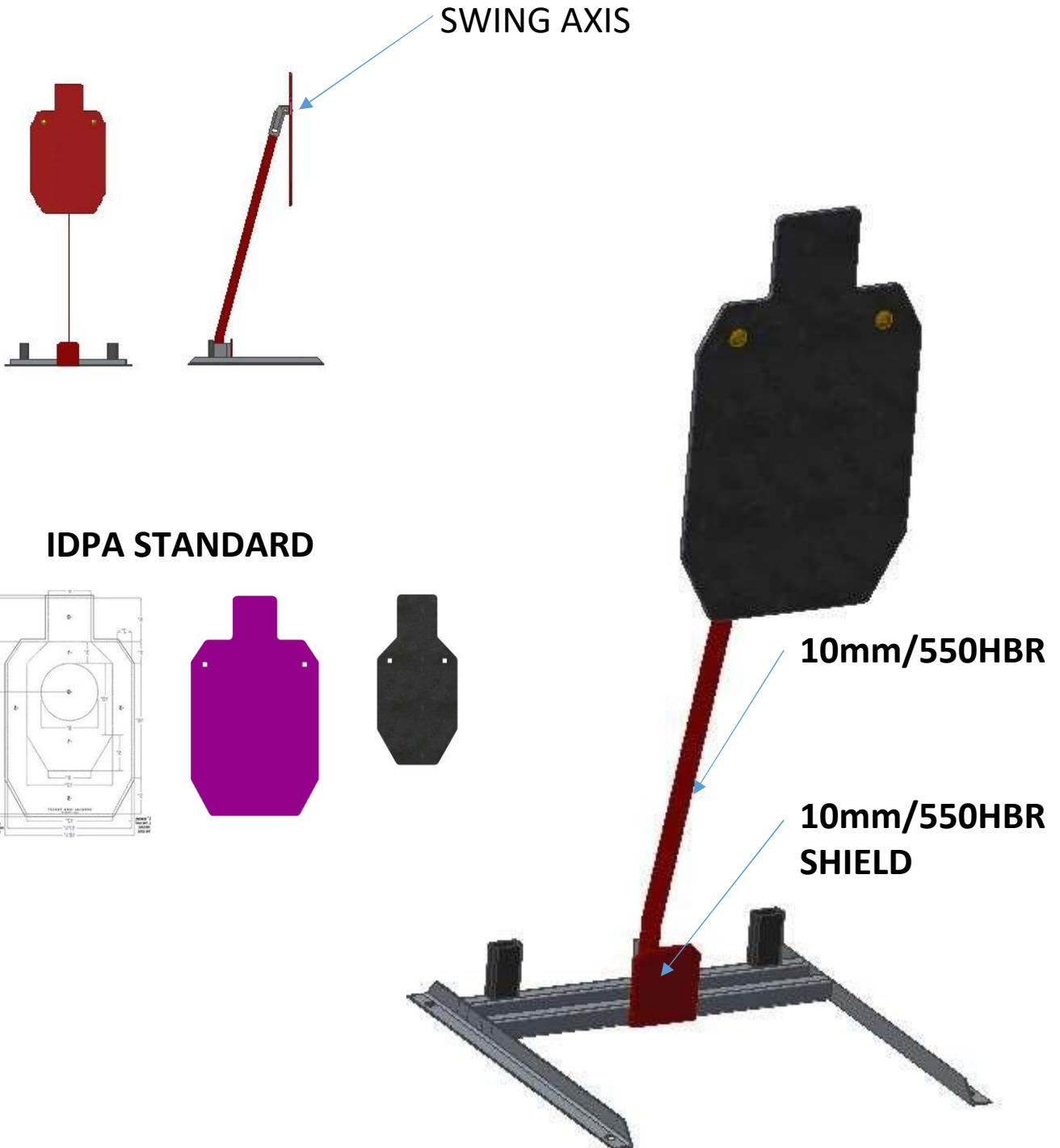
TORSO IDPA – MSTS (SUPER HEAVY DUTY)

- IDPA torso target based on MODULAR BASE (MSTS),
- No welding used,
- After proper hit, torso swings, and gives audible feedback ,
- All parts subjected on direct gun fire- protected by hardened steel (550HBR),
- Deflector minimizes probability of bullet particle flying back to shooter,
- Designed for long term usage with 9x19mm/5,56x45mm/7,62x39mm/7,62x51mmNATO,
- Tested and used by Polish SF.



TORSO IDPA – HEAVY DUTY

- IDPA torso target based 10mm 550 BHR Pole + Base with shielded bottom for long use
- No welding used on torso,
- After proper hit, and gives audible feedback , Torso angle is constant during work
- Designed for long term usage with 9x19mm/5,56x45mm/7,62x39mm/7,62x51mmNATO,
- Tested and used by Polish SF.



TORSO IDPA – HEAVY DUTY

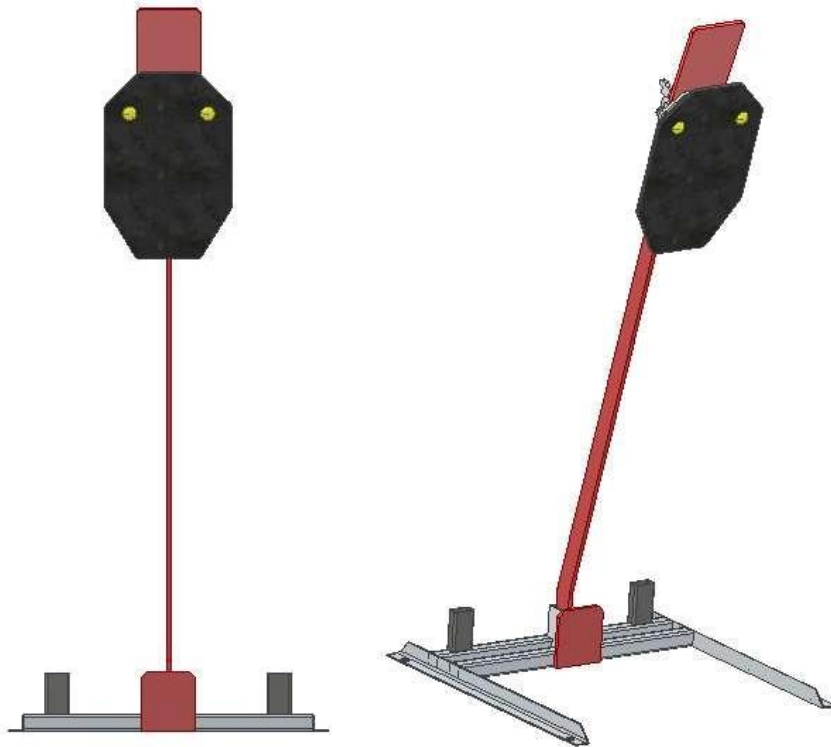
IDPA STANDARD „BIG” IDPA STANDARD „MIDDLE”



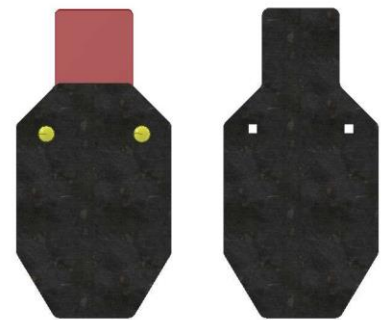
TARGET DISASSEMBLED

HEAVY DUTY - TORSO IDPA MIDDLE – HEAD ZONE

- Steel target - HEAVY DUTY type,
- Heavy duty base,
- Designed for long term usage with 9x19mm/5,56x45mm/7,62x51mm (sniper shooting),
- Target equipped with 1 moveable hit zone HEAD.

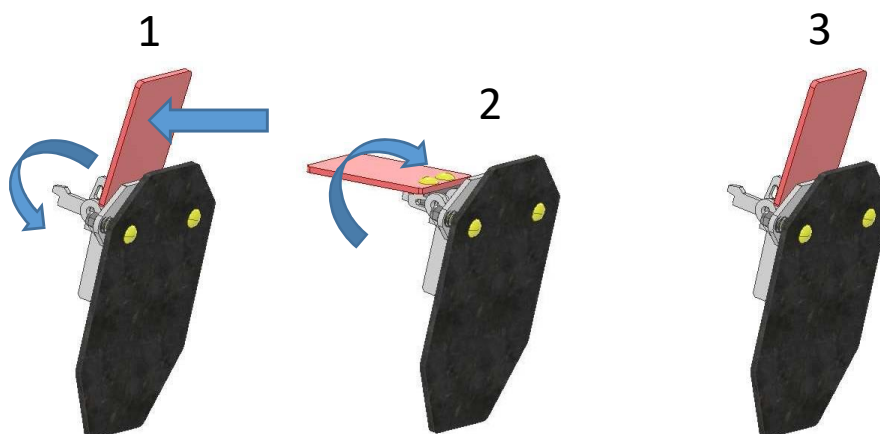


*Dimensions identical with
TORSO IDPA MIDDLE*



How it works

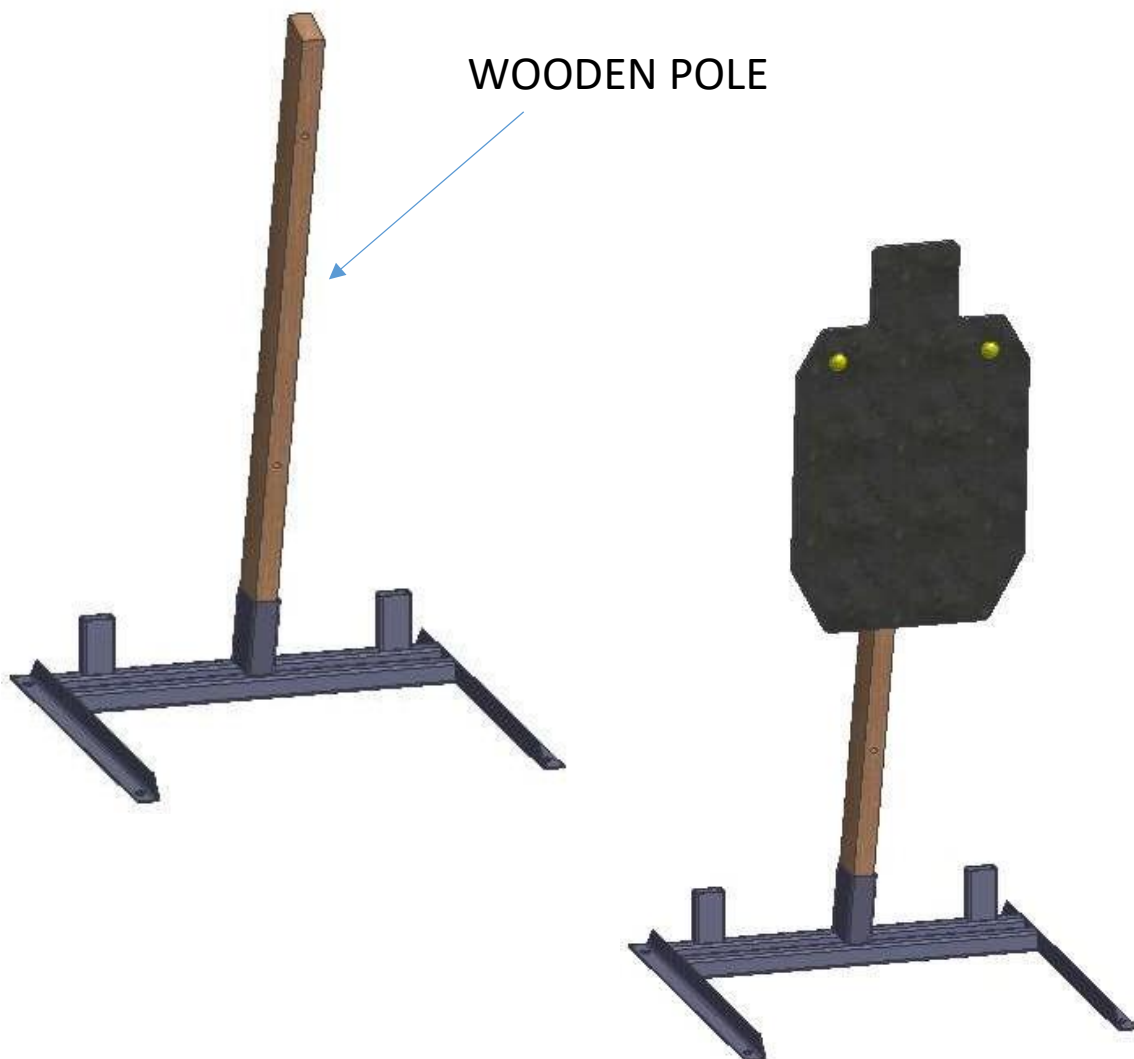
1. Precise hit in HEAD causes the HEAD to swing backward
2. HEAD in rear position stops on the hard stop and starts movement to the front position
3. HEAD back in front position, ready for action



TORSO LIGHT DUTY

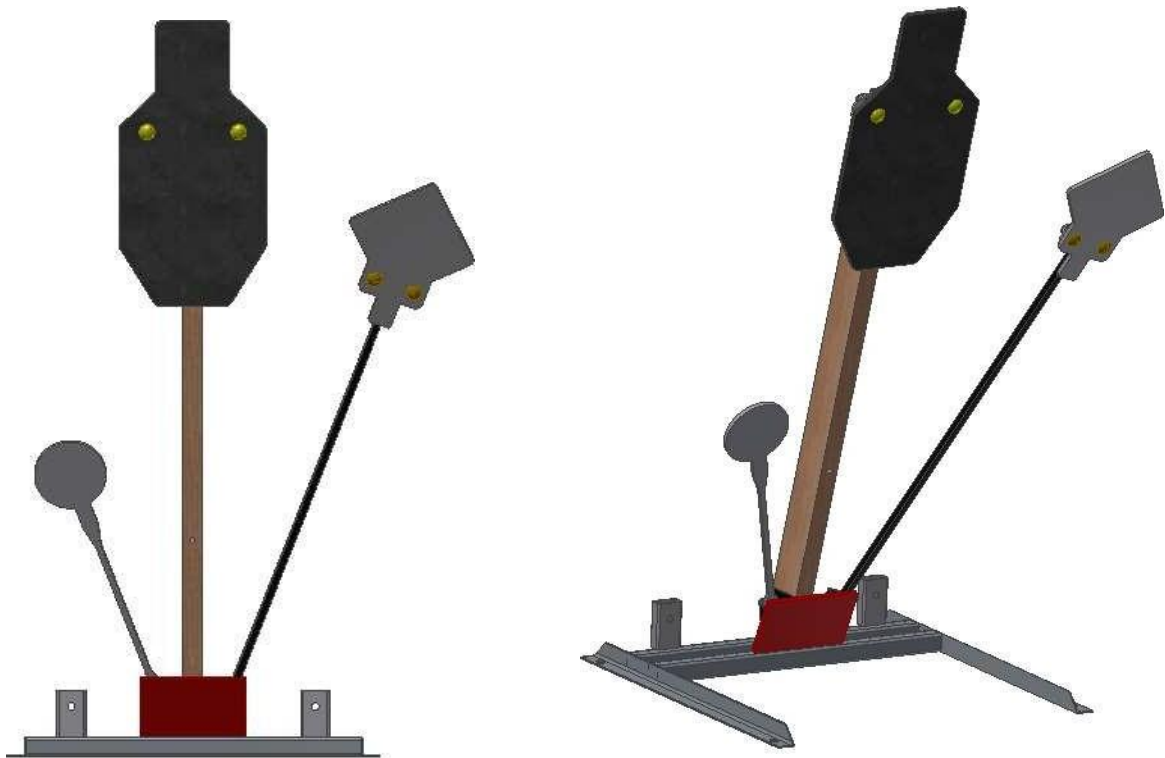
LIGHT DUTY Torso refers rather to reduced mass of target that the durability of steel target used in assembly and increased portability than to decreased durability of steel target used.

- Widest range of torso shapes, all 10mm/550HBR,
- No welding used on torso,
- One stand for all target shapes, easy to disassemble in a few seconds
- After proper hit, and gives audible feedback , Torso angle is constant during work
- Designed for long term usage with 9x19mm/5,56x45mm
- Tested and used by Polish SF.



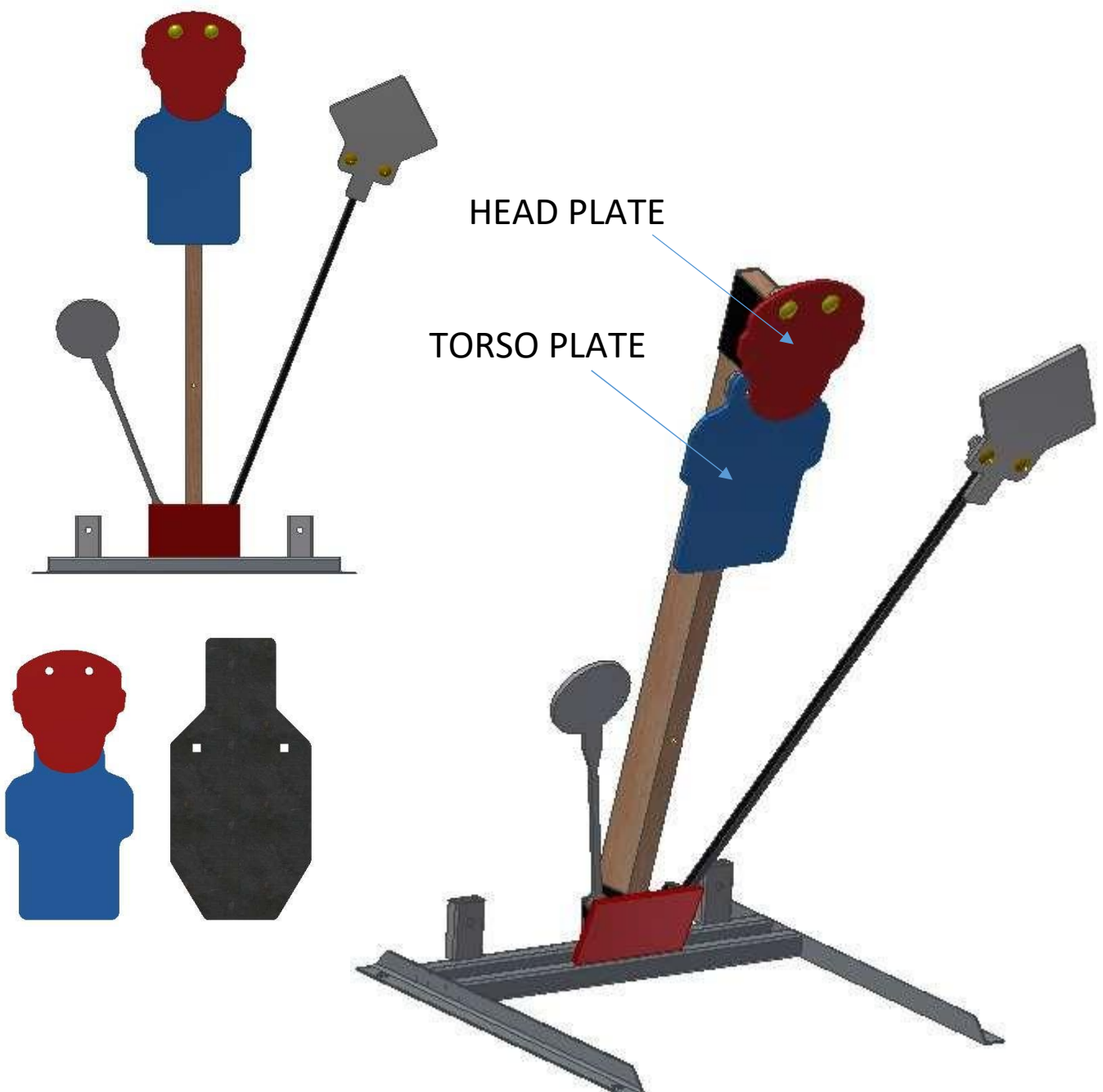
LIGHT DUTY „LOLLIPOP”

- Steel target - LIGHT DUTY type.
- Light base, Equipped with 2 mounts for lollipops
- Designed for long term usage with 9x19mm/5,56x45mm
- Torso angle is constant during work ~15 Deg. - increases safety during work
- Lollipops angle 20 Deg.



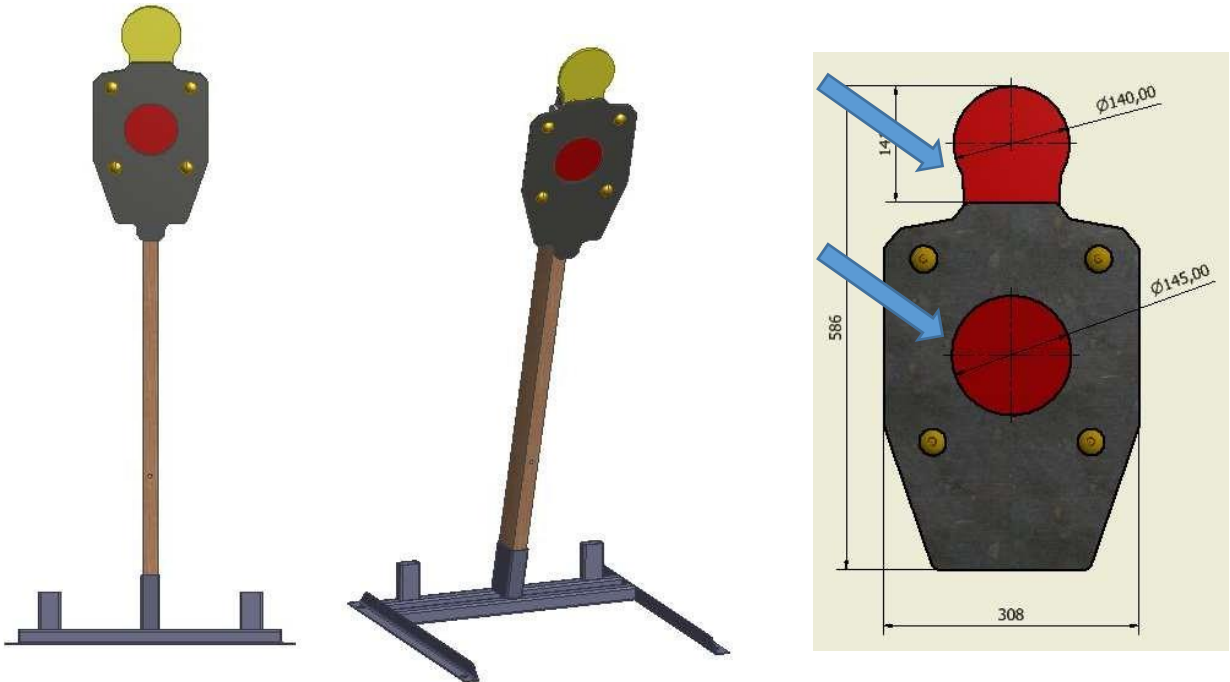
LIGHT DUTY „DOUBLE SOUND”

- Steel target - LIGHT DUTY type.
- Light base, Equipped with 2 mounts for lollipops
- Designed for long term usage with 9x19mm/5,56x45mm
- Torso angle is constant during work ~15 Deg. - increases safety during work
- Lollipops angle 20 Deg.
- Separate head and torso with different sound tone – shooter is able to distinguish hit area



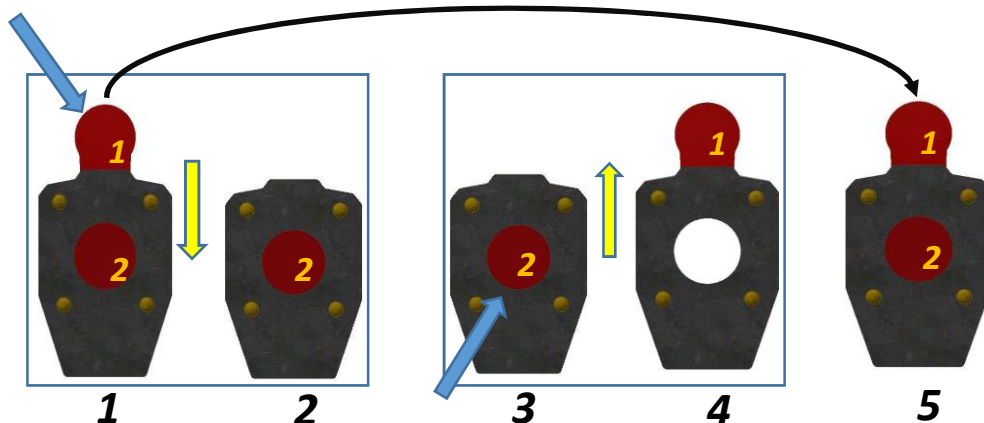
LIGHT DUTY „MOZAMBIC”

- Steel target - LIGHT DUTY type.
- Light base, Equipped with
- Designed for long term usage with 9x19mm/5,56x45mm/7,62x51mm (sniper shooting)
- Target equipped with 2 moveable hit zones HEAD and CHEST.

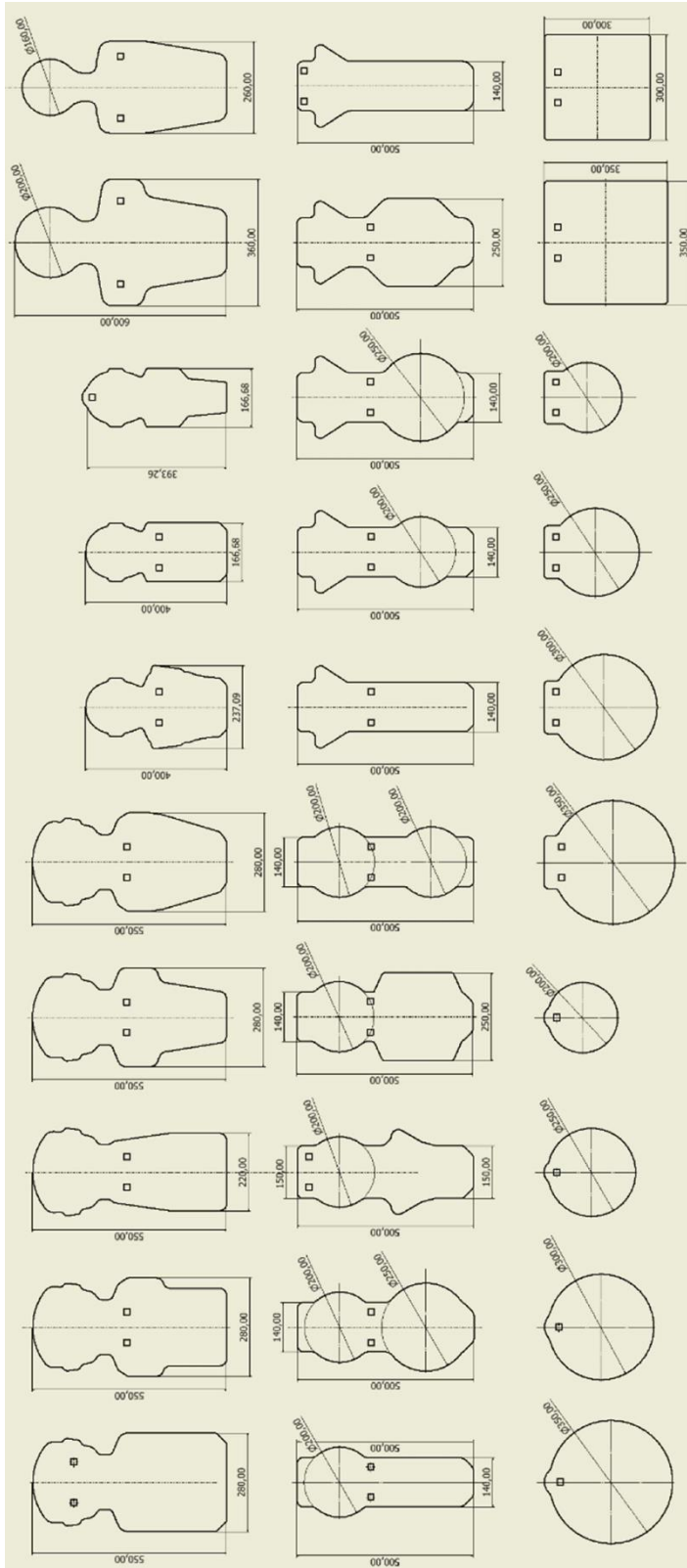


How it works

1. Precise hit in zone „1” drops the zone „1”
2. Zone „1” becomes invisible for shooter
3. Precise hit in zone „2” rises the zone „1”
4. Zone „1” is reset
5. Zone „1” and zone „2” is visible for shooter again

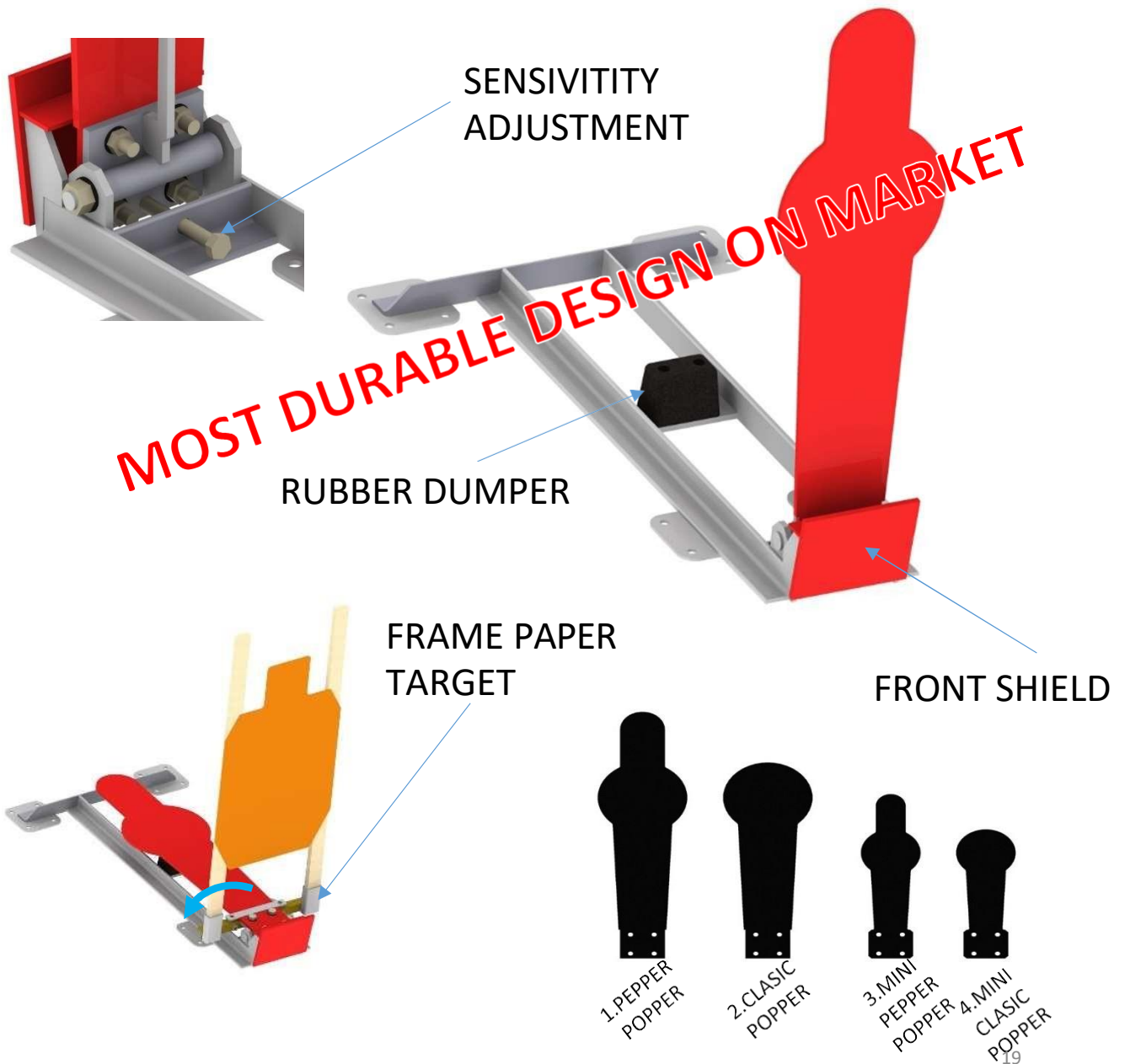


1. TORSO LIGHT DUTY – DIFFERENT TYPE/SPAHES






POPPER- reactive target

- Reactive Steel Target based on IDPA popper standard
- 4 different shapes of plate , falling back on the hinge after being properly hit,
- Reset is performer manually,
- Product is designed for maximum live cycle, Front shield angle to the ground ensures safety of use,
- Designed for long term use with 5,56x45mm/7,62x39mm/ 7,62x51mm NATO,
- Used by Polish SF

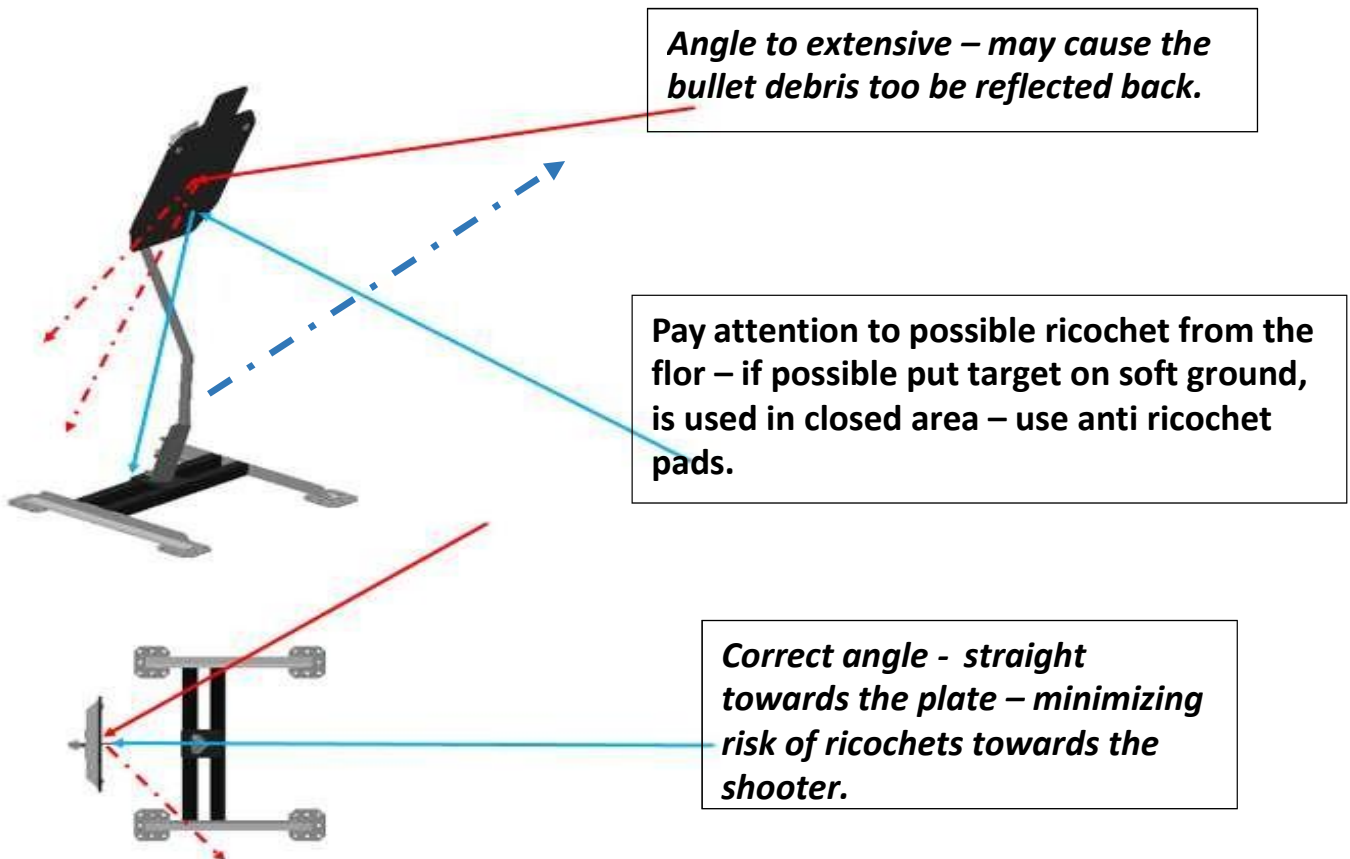


SAFETY RULES






1. MINIMUM SAFE SHOOTING DISTANCE FROM STEEL PLATE

	9x19 mm	MIN 10 meters
	5,56x45 mm 7,62x39 mm 7,62x51 mm	MIN 50 meters
	12,7x99 mm	MIN 500 meters

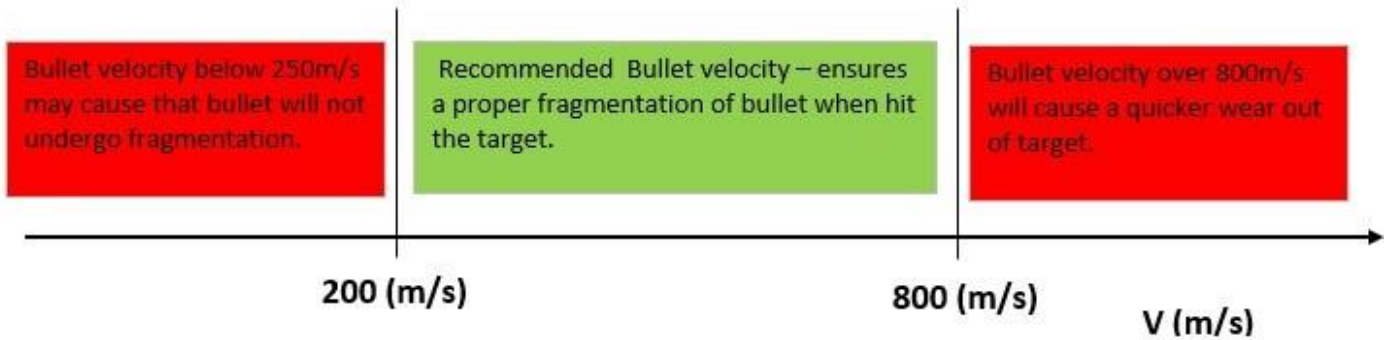
2. SAFE SHOOTING ANGLES



3. REQUIRED PERSONAL SAFETY

	<p>Protect your eyes - Always, during any shooting activity wear a ballistic eye protection glasses. This rule is valid for all person present during STEEL TARGET SHOOTING (shooters and bystanders)</p>
	<p>Protect your hearing - Always, during any shooting activity wear the ear protection plugs. This rule is valid for all person present during SHOOTING ACTIVITY (shooters and bystanders).</p>
	<p>Protect your hands - Always, during any shooting activity wear the hand protection gear. This rule is valid specially for assembly and disassembly steel targets in the field – targets plate are covered with lead and bullet debris – which is harmful and may cause skin injury</p>
	<p>Protect your skin – always during steel shooting activity wear full outfit – it is additional protection against debris ricochets towards shooter</p>
	<p>Respiratory protection – in case of steel shooting activity in closed areas – always wear respiratory protection</p>

4. Recommended bullet velocity



5. AMMUNITION TYPE

It is forbidden to use *the following type of ammunition*

- Armor piercing
- Incendiary
- Tracers