

Modernized jets

Modernized 122 mm jets for MLRS "Grad" and "Belgrade"



Main characteristics 122 mm jets

Name	9M521MB	9M522MB	9M523MB	9M524MB
Caliber, km	122	122	122	122
Firing range min., km	8	9,2	3	1,5
Firing range max., km	40	34	22	15
Projectile weight, kg	67	70	67,1	60
Projectile length, mm	3050	3050	2900	2500
Temperature range for combat use, ° C	from -40 to +50	from -40 to +50	from -40 to +50	from -40 to +50

Name	9M521MB	9M522MB	9M523MB	9M524MB
Warhead weight, kg	18,4	25	21	21
Head type	high-explosive fragmentation detachable	high-explosive high-explosive fragmentation detachable	high-explosive fragmentation detachable	high-explosive fragmentation detachable
Number of fragments				
<ul style="list-style-type: none"> ready weighing 0.78 g, pcs weighing 5.5 g, pcs 	— 1000	18000 690	— 1000	1800 690
<ul style="list-style-type: none"> from the hull average weight 2,9 g, pcs average weight 3,0 g, pcs average weight 7,5 g, pcs 	— 2440	— 1210	— 2440	— 1210

Name	9M521MB	9M522MB	9M523MB	9M524MB
The reduced area of destruction with a salvo of one BM: open manpower, ha lightly armored vehicles, ha	10,36 8,2	45 28	10,36 8,2	11,0 9,2

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