

Table of Contents

Legend English
Legende Deutsch
Legenda Nederlands
Legende Français
Leyenda Español

Projectiles

DWG No.

12.7mm (DShK) Armour Piercing B-30	001
12.7mm (DShK) Armour Piercing Incendiary B-32	002
12.7mm (DShK) Ball Tracer T-38	003
12.7mm (DShK) Armour Piercing Incendiary Tracer BZT	004
12.7mm (DShK) Armour Piercing Incendiary (Phosphorus) BZF-46	005
12.7mm (DShK) Special Armour Piercing BS-41	006
12.7mm (DShK) High Explosive MD	008
12.7mm (DShK) High Explosive MD-46	009
12.7mm (DShK) High Explosive Incendiary MDZ-46	010
12.7mm (DShK) High Explosive Incendiary MDZ-3	011
12.7mm (DShK) Armour Piercing Incendiary Tracer BZT-44	012
12.7mm (DShK) Special Armour Piercing BS	013
12.7mm (DShK) High Explosive Incendiary MDZ	014
12.7mm (DShK) Duplex Ball 1SL	016
12.7mm (DShK) Duplex Ball Tracer 1SLT	017
12.7mm (DShK) Blank Cartridge KhOLOSTOY	018
14.5mm (PTRD) Armour Piercing Incendiary B-32	022
14.5mm (PTRD) Special Armour Piercing Incendiary BS-41	023
14.5mm (KPV) Armour Piercing Incendiary B-32, Old Type	025
14.5mm (KPV) Armour Piercing Incendiary B-32, New Type	026
14.5mm (KPV) Armour Piercing Incendiary Tracer BZT, Old Type	027
14.5mm (KPV) Armour Piercing Incendiary Tracer BZT, New Type	028
14.5mm (KPV) High Explosive Incendiary MDZ, Old Type	029
14.5mm (KPV) High Explosive Incendiary MDZ, New Type	030
14.5mm (KPV) Special Armour Piercing Incendiary Tracer BST	031
14.5mm (KPV) Instantaneous Incendiary Tracer ZP	033
14.5mm (KPV) Blank Cartridge KhOLOSTOY	034
14.5mm (KPV) Hungarian Target Practice Tracer Airburst	036
14.5mm (KPV) Hungarian Short Range Training 78-Rd-1	037
14.5mm (KPV) Hungarian Short Range Training Tracer 78-Rd-2	038
20mm (ShVAK) High Explosive Fragmentation OF	039
20mm (ShVAK) High Explosive Incendiary Fragmentation OFZ	040
20mm (ShVAK) High Explosive Incendiary OZ	041
20mm (ShVAK) High Explosive Incendiary Tracer OZT, Old Type	042
20mm (ShVAK) High Explosive Incendiary Tracer OZT, New Type	043

DWG No.

20mm (ShVAK) Ball Tracer T	044
20mm (ShVAK) Armour Piercing Incendiary BZ	045
20mm (ShVAK) Armour Piercing Incendiary BZ, Variant.	046
20mm (ShVAK) Target Practice PU	047
20mm (ShVAK) Czech High Explosive Incendiary Tracer TSv	050
20mm (ShVAK) Czech High Explosive Fragmentation Tracer Self-Destroying OFSv.	051
20mm (ShVAK) Czech Armour Piercing Incendiary PZ	052
20mm (ShVAK) Czech Target Practice Tracer	053
20mm (Subcal.) Czech Armour Piercing Tracer	054
23mm (NS-23) High Explosive Incendiary OZ	055
23mm (NS-23) High Explosive Incendiary Tracer OZT	056
23mm (NS-23) Armour Piercing Incendiary BZ	057
23mm (NS-23) Target Practice Tracer LP	058
23mm (NS-23) Czech High Explosive Incendiary Tracer OZSv-L	059
23mm (NS-23) Czech High Explosive Incendiary Tracer OZSv	060
23mm (NS-23) Czech High Explosive Fragmentation Tracer Self-Destroying OTČSv	061
23mm (NS-23) Czech Armour Piercing Incendiary PZ	062
23mm (NS-23) Czech Target Practice Tracer Airburst NhČSv	063
23mm (NS-23) Czech Target Practice Airburst	064
23mm (NS-23) Czech Target Practice Tracer NT	066
23mm (NS-23) Czech Target Practice NP	067
23mm (NS-23) Polish Target Practice Tracer Airburst	068
23mm (AM-23) High Explosive Incendiary OZ	069
23mm (AM-23) High Explosive Incendiary OZ, Variant	070
23mm (AM-23) High Explosive Incendiary Anti-Balloon Self-Destroying FZ	071
23mm (AM-23) Armour Piercing Incendiary Tracer BZ-A.	073
23mm (AM-23) Chaff Expelling PRL, Old Type	074
23mm (AM-23) Target Practice Airburst UB	076
23mm (AM-23) Target Practice LP	077
23mm (AM-23) Target Practice Anti-Balloon LP	078
23mm (AM-23) High Explosive Incendiary OFZ	080
23mm (AM-23) High Explosive Incendiary Tracer OFZT	081
23mm (AM-23) Armour Piercing High Explosive Incendiary BR	083
23mm (AM-23) Armour Piercing Incendiary BZA	084
23mm (AM-23) Armour Piercing Tracer BT	085
23mm (AM-23) Armour Piercing Incendiary Tracer BZT (BZAT)	086
23mm (AM-23) Multi Element ME	087
23mm (AM-23) Chaff Expelling PRL, New Type	088
23mm (AM-23) Target Practice OFZ PRAKT	089
23mm (AM-23) Target Practice Tracer OFZT PRAKT	090
23mm (VYa) High Explosive Incendiary OZ	093
23mm (VYa) High Explosive Incendiary Tracer OZT	095
23mm (VYa) Armour Piercing Incendiary BZ, Old Type	096
23mm (VYa) Armour Piercing Incendiary BZ, New Type	097
23mm (VYa) Target Practice Tracer ZUP1	100
23mm (ZSU) High Explosive Incendiary Self-Destroying OFZ	102
23mm (ZSU) High Explosive Incendiary Tracer Self-Destroying OFZT	103
23mm (ZSU) Armour Piercing Incendiary Tracer BZT	104
23mm (ZSU) Target Practice Tracer	107
23mm (ZSU) Blank Cartridge KhOLOSTOY	108
23mm (R-23) High Explosive Incendiary OFZ, Nose Fuzed	111

DWG No.

23mm (R-23)	High Explosive Incendiary OFZ, Base Fuzed	112
23mm (R-23)	Target Practice Airburst UB	113
23mm (R-23)	Target Practice LP	114
25mm (M1940)	High Explosive Incendiary Tracer Self-Destroying OZR-132	117
25mm (M1940)	Armour Piercing Tracer BR-132	118
25mm (110-PM)	Polish High Explosive Incendiary Tracer Self-Destroying OZR-85	121
25mm (110-PM)	High Explosive Incendiary Tracer Self-Destroying OZR-85M	122
25mm (110-PM)	High Explosive Incendiary Tracer Self-Destroying OZR-85U	123
25mm (110-PM)	Armour Piercing Tracer BR-85	124
25mm (110-PM)	Target Practice Tracer PR-85	125
30mm (AGS-17)	High Explosive Fragmentation VOG-17	128
30mm (AGS-17)	High Explosive Fragmentation VOG-17A	129
30mm (AGS-17)	High Explosive Fragmentation Self-Destroying VOG-17M	130
30mm (AGS-17)	Target Practice Smoke Self-Destroying VUS-17	133
30mm (AGS-17)	Target Practice VOG-17M KhOLOSTOY	134
30mm (NR-30)	High Explosive Incendiary OFZ	137
30mm (NR-30)	High Explosive Incendiary Self-Destroying OFZ	138
30mm (NR-30)	High Explosive Incendiary OFZ, High Capacity	139
30mm (NR-30)	High Explosive Incendiary Anti-Balloon Self-Destroying FZ	141
30mm (NR-30)	Armour Piercing High Explosive Incend. Self-Destroying BR, Old Type	142
30mm (NR-30)	Armour Piercing High Explosive Incend. Self-Destroying BR, New Type	143
30mm (NR-30)	Chaff Expelling PRL, Old Type	144
30mm (NR-30)	Chaff Expelling PRL, New Type	145
30mm (NR-30)	Target Practice Tracer Airburst UBT	146
30mm (NR-30)	Target Practice Airburst UBU	147
30mm (NR-30)	Target Practice LP	148
30mm (NR-30)	Target Practice Anti-Balloon LP	149
30mm (NR-30)	High Explosive Incendiary OFZ	151
30mm (NR-30)	Armour Piercing High Explosive BR	154
30mm (NR-30)	Armour Piercing Tracer BT	155
30mm (NR-30)	Multi Element ME	156
30mm (NR-30)	Target Practice LP	158
30mm (NR-30)	Czech High Explosive Incendiary OFZ	160
30mm (NR-30)	Czech Target Practice LP	161
30mm (NR-30)	Czech Target Practice LP-3	162
30mm (2A42)	High Explosive Incendiary Self-Destroying OFZ	163
30mm (2A42)	High Explosive Incendiary Tracer Self-Destroying OT	164
30mm (2A42)	Armour Piercing Tracer BT	166
30mm (2A42)	Armour Piercing Discarding Sabot Tracer BP (Kerner)	167
30mm (2A42)	Target Practice	168
30mm (2A42)	Bulgarian Improved Armour Piercing Tracer STING	175
30mm (2A42)	Czech Target Practice Airburst Tracer	176
30mm (AO-18)	High Explosive Incendiary Self-Destroying OF-84	178
30mm (AO-18)	High Explosive Incendiary Tracer Self-Destroying OR-84	179
30mm (AO-18)	Target Practice PS-84	180
30mm (GSh-30)	High Explosive Incendiary OFZ	182
30mm (GSh-30)	High Explosive Incendiary Tracer OFZT	183
30mm (GSh-30)	Armour Piercing High Explosive BR	185
30mm (GSh-30)	Armour Piercing Tracer BT	186
30mm (GSh-30)	Multi Element ME	187

DWG No.

30mm (GSh-30)	Target Practice OFZ PRAKT.	188
30mm (NN-30)	High Explosive Incendiary Self-Destroying OF-83	193
30mm (NN-30)	High Explosive Incendiary Self-Destroying OF-83D	194
30mm (NN-30)	Armour Piercing High Explosive Self-Destroying F-83	195
30mm (NN-30)	Armour Piercing Tracer BR-83	196
30mm (NN-30)	Target Practice P-83.	197
30mm (NN-30)	Target Practice P-83D	198
37mm (Hotchk.)	Explosive Shell with Time Fuze	201
37mm (Hotchk.)	Steel Shell	202
37mm (Hotchk.)	Common Shell	203
37mm (Hotchk.)	Armour Piercing Shot	204
37mm (N-37)	High Explosive Incendiary Self-Destroying OFZ.	206
37mm (N-37)	High Explosive Incendiary Tracer Self-Destroying OZT	207
37mm (N-37)	Armour Piercing High Explosive Incendiary Self-Destroying BR	208
37mm (N-37)	Czech Armour Piercing Tracer PZSv	209
37mm (N-37)	Chaff Expelling PRL	210
37mm (N-37)	Target Practice Airburst UB.	211
37mm (N-37)	Czech Target Practice Tracer NhSv	212
37mm (NS-37)	High Explosive Incendiary Self-Destroying OZ.	215
37mm (NS-37)	High Explosive Incendiary Tracer Self-Destroying OZT	216
37mm (NS-37)	Armour Piercing Tracer BZT, Old Type	217
37mm (NS-37)	Armour Piercing Tracer BZT, New Type	218
37mm (M1939)	High Explosive Incendiary Tracer Self-Destroying OR-167	222
37mm (M1939)	High Explosive Incendiary Tracer Self-Destroying OR-167, Variant.	223
37mm (M1939)	High Explosive Incendiary Tracer OR-167N	224
37mm (M1939)	Armour Piercing Tracer BR-167, Old Type	225
37mm (M1939)	Armour Piercing Tracer BR-167, New Type.	226
37mm (M1939)	High Velocity Armour Piercing Tracer BR-167P	227
40mm	High Explosive Fragmentation Self-Destroying VOG-25	232
40mm	High Explosive Fragmentation Rebounding Self-Destroying VOG-25P	233
40mm	Target Practice	236
40.6mm	High Explosive Fragmentation VGD	237
40.6mm	High Explosive Anti Tank VKG-40.	238
40.6mm	Illuminating, Old Type.	240
40.6mm	Illuminating, New Type.	241
40.6mm	Smoke Signal, Day Use.	242
40.6mm	Signal Flare, Night Use, Old Type.	243
40.6mm	Signal Flare, Night Use, New Type.	244
40.6mm	Target Practice	245
45mm (NS-45)	High Explosive Fragmentation Tracer Self-Destroying OZT	246
45mm (M1932)	High Explosive Fragmentation O-240.	249
45mm (M1932)	High Explosive Fragmentation O-240, Variant.	252
45mm (M1932)	High Explosive Fragmentation O-240, Variant.	253
45mm (M1932)	Armour Piercing High Explosive B-240.	254
45mm (M1932)	Armour Piercing High Explosive B-242.	256
45mm (M1932)	Armour Piercing High Explosive Tracer BR-240.	258
45mm (M1932)	Armour Piercing High Explosive Incendiary Tracer BZR-240.	259
45mm (M1932)	Armour Piercing Tracer BR-240SP.	260
45mm (M1932)	High Velocity Armour Piercing Tracer BR-240P	261

DWG No.

45mm (M1932)	Canister Shot Shch-210	262
45mm (M1932)	Canister Shot Shch-240, Old Type	263
45mm (M1932)	Canister Shot Shch-240, New Type	264
45mm (M1932)	Blank Cartridge KhOLOSTOY	265
45mm (Subcal.)	Target Practice	268
45mm (naval)	High Explosive Fragmentation Tracer Self-Destroying OT-018 / OR-73A	272
45mm (naval)	Light High Explosive Fragmentation Tracer Self-Destroying OT-033 / OR-73	273
45mm (naval)	High Explosive Tracer OF-85 / F-73	274
45mm (naval)	Target Practice PRAKT	275
45mm (SM-20)	High Explosive Incendiary Tracer Self-Destroying OR-75	281
45mm (SM-20)	Armour Piercing High Explosive Incendiary Tracer F-75	282
47mm (Hotchk.)	Steel Shell	285
57mm (S-60)	High Explosive Fragmentation Tracer Self-Destroying OR-281	287
57mm (S-60)	High Explosive Fragmentation Tracer Self-Destroying OR-281U (F-71)	288
57mm (S-60)	Armour Piercing High Explosive Tracer BR-281	289
57mm (S-60)	Armour Piercing High Explosive Tracer BR-281U	290
57mm (S-60)	Target Practice Tracer OR-281U-IN	291
57mm (S-60)	Target Practice Tracer BR-281U-IN	292
57mm (S-60)	Hungarian Armour Piercing High Explosive Tracer BR-281U	298
57mm (M1943)	High Explosive Fragmentation O-271	299
57mm (M1943)	High Explosive Fragmentation O-271U	300
57mm (M1943)	High Explosive Fragmentation O-271UZh	301
57mm (M1943)	Armour Piercing High Explosive Tracer BR-271	302
57mm (M1943)	Armour Piercing High Explosive Tracer BR-271K	303
57mm (M1943)	Armour Piercing High Explosive Tracer BR-271M	304
57mm (M1943)	Armour Piercing Tracer BR-271SP	305
57mm (M1943)	High Velocity Armour Piercing Tracer BR-271P	306
57mm (M1943)	High Velocity Armour Piercing Tracer BR-271N	307
57mm (M1943)	Canister Shot Shch-271	308
57mm (M1943)	Target Practice Tracer PBR-271M	310
57mm (M1943)	Blank Cartridge KhOLOSTOY	311

Fuzes

A-20	Nose Fuze	043
A-23	Nose Fuze	055
A-30	Nose Fuze	160
A-30A	Nose Fuze	137
A-30U	Nose Fuze	151
A-37	Nose Fuze	207
A-37U	Nose Fuze	207
A-191M	Nose Fuze	146
A-390	Czech Nose Fuze	177
A-498K	Nose Fuze	178
A-534U	Base Fuze	083
A-642	Nose Fuze	151
A-664	Base Fuze	185
A-670M	Nose Fuze	163
AD-23	Base Fuze	083

DWG No.

AD-37	Base Fuze (no cutaway drawing available)	208
AG-23	Nose Fuze	081
AG-30	Nose Fuze	182
AG-30D	Nose Fuze	183
AP-30M	Nose Fuze	140
B-23	Nose Fuze	056
B-23A	Nose Fuze	069
B-23U	Nose Fuze	121
B-30	Nose Fuze	138
B-37	Nose Fuze	206
BD-30	Base Fuze.	142
BDM-30	Base Fuze.	143
BSh-23	Nose Fuze	072
BSh-30	Nose Fuze	141
ČZ-23	Czech Nose Fuze	065
DA-30	Base Fuze.	185
DV	Nose Fuze	094
DVP	Base Fuze.	239
K-6	Nose Fuze	041
K-6M	Nose Fuze	042
K-20	Nose Fuze	117
K-20M	Nose Fuze	095
KT-1	Nose Fuze	249
KTM-1	Nose Fuze	252
KTM-1-U	Nose Fuze	301
NZ 205	Czech Nose Fuze	051
NZ 231	Czech Nose Fuze	060
NZ 231A	Czech Nose Fuze	061
M50	Nose Fuze	253
M50Sh	Nose Fuze	253
MD-2	Base Fuze.	255
MD-3	Base Fuze.	256
MD-5	Base Fuze.	258
MD-6	Base Fuze.	274
MD-7	Base Fuze.	303
MD-10	Base Fuze.	289
MD-30	Base Fuze.	195
MD-45	Base Fuze (no cutaway drawing available)	282
MG-3	Nose Fuze	039
MG-5	Nose Fuze	272
MG-8	Nose Fuze	215
MG-25	Nose Fuze	103
MG-30	Nose Fuze	193
MG-31	Nose Fuze	194
MG-32	Nose Fuze	178
MG-37	Nose Fuze	223
MG-45	Nose Fuze	281
MG-57	Nose Fuze	287
MG-201	Nose Fuze	040
MG-202	Nose Fuze	039
MGZ-57	Nose Fuze	288
PVZ-1	Nose Fuze	041

DWG No.

S-23	Polish Nose Fuze	068
Safety Shutter		165
UB-23	Nose Fuze	076
UB-23A	Nose Fuze (no cutaway drawing available)	113
UB-37	Nose Fuze (no cutaway drawing available)	211
UBU-30	Nose Fuze	147
V19U	Nose Fuze	102
V19UK	Nose Fuze	123
V-30	Internal Fuze (no cutaway drawing available)	156
V-166	Nose Fuze	007
VD-23	Base Fuze (no cutaway drawing available)	112
VM-23	Internal Fuze (no cutaway drawing available)	087
VMG	Nose Fuze	128
VMG-A	Nose Fuze	129
VMG-K	Nose Fuze	232
VMG-M	Nose Fuze	130
VMG-P	Nose Fuze	233
VU-23	Nose Fuze	074
VU-23U	Nose Fuze	088
VU-30	Nose Fuze	144
VU-30P	Nose Fuze	145
VU-37	Internal Fuze (no cutaway drawing available)	210

Cartridge Cases

6x60R PPL	Brass Pyrotechnic Cartridge	092
9-EM-623	Pyrotechnic Cartridge	190
12.7x108	DShK, Old Types	019
12.7x108	DShK, New Type	020
12.7x108R	ShVAK	021
14.5x114	PTRD	024
14.5x114	KPV	035
20x99R	ShVAK, Old Type	048
20x99R	ShVAK, New Type	049
23x115	NS-23, AM-23	091
23x152B	VYa	099
23x152B	Subcalibre Device	101
23x152B	ZSU	109
23x260	R-23	115
25x218SR	M1940, Old Type	119
25x218SR	M1940, New Type	120
25x218	110-PM	126
30x28B	AGS-17	135
30x28B	M26A2	136
30x155B	NR-30	159
30x165	2A42	171
30x165	2A42, Variant	172
30x165	AO-18	181
30x165	GSh-30	191
30x210B	NN-30	199
37x94R	Hotchkiss	205

DWG No.

37x155	N-37, Old Type	213
37x155	N-37, New Type	214
37x198	NS-37	220
37x252SR	M1939	229
37x252SR	M1939, Variant	230
45x186	NS-45	248
45x310R	M1932	266
45x310R	Subcalibre Device	269
45x310R	M1938	270
45x310R	21-K	276
45x386SR	SM-20-ZIF	283
47x376R	Hotchkiss	286
57x348SR	S-60	293
57x480R	M1943	312

Primers

EKV-2	Electrical Screw-In Primer	200
EKV-23A	Electrical Screw-In Primer	116
EKV-30M	Electrical Screw-In Primer	192
KV-2	Screw-In Percussion Primer	221
KV-2U	Screw-In Percussion Primer	231
KV-3	Percussion Primer	110
KV-3-1	Percussion Primer	174
KV-4	Screw-In Percussion Primer	313
KV-5	Screw-In Percussion Primer	294
KV-5-U	Screw-In Percussion Primer	295
KV-13	Screw-In Percussion Primer	296
KV-13U	Screw-In Percussion Primer	297
KV-30	Screw-In Percussion Primer	173
UV-4M	Screw-In Percussion Primer	284
V-016	Percussion Primer Tube	127
VE	Combined Screw-In Primer	271
ZTN	Percussion Primer Tube Nordenfelt	267