

APC223/300/308 PRO HA

DATA SHEET



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1. Technical specifications

1.1 Overview - APC223/10/300/308



1.2 General description

The APC223/300/308 PRO is a self-loading rifle in .223 Rem. / .300 Blk. / .308 Win. caliber.

The rifle is a gas operated rifle with a short-stroke gas piston system: the gas port near the muzzle directs the propellant gases behind the projectile via gas piston onto the bolt carrier and sets it in a recoiling motion. After the projectile has left the barrel, the recoiling bolt carrier unlocks the bolt head by means of a rotary movement. In the common recoil of the bolt head and carrier, the empty case is extracted and ejected, the hammer is cocked and the recoil spring compressed. At the end of the return stroke, a recoil buffer slows down the movement of the carrier and then the recoil spring accelerates it forward again. In the common forward stroke, the bolt head and carrier take a new cartridge from the magazine and feed it into the chamber. At the end of such a cycle, the gun is locked, loaded and cocked.

All operating elements such as the bolt catch, magazine catch, fire selector and charging handle are designed to be operated from both sides. The charging handle is not reciprocating.

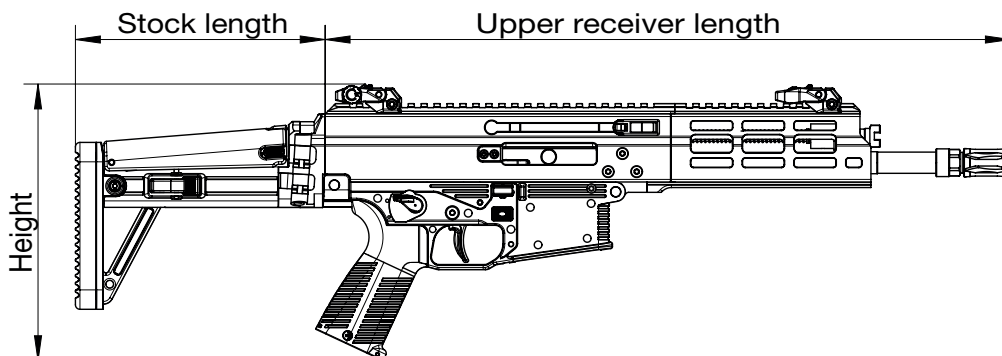
1.3 General Technical data

Designation	APC_PRO SA
Manufacturer	B&T AG - Switzerland
Operating system	Short stroke gas piston
Sights	Integrated mechanical sight
Bore height	80 mm / 3.14 in
Rail height	45.7 mm / 1.79 in
Interfaces	4 NATO accessory rails
Scope of delivery	Weapon with magazines, carrying sling, cleaning kit, case

Stock options	Stock length			Width		Weight difference to standard	
	retracted	extracted	folded / retracted	folded out / extracted	folded / retracted	.223/300	.308
	[mm]						[g]
Fold- retract. stock PRO	193	270	30	52	84	0 (491)	0 (543)
Folding stock	240	n.v.	30	621	102	-72	-66
Fold- retract. stock **	202	262	30	62	102	+151	+156
Fix stock	193	n.v.	n.v.	102	n.v.	-10	-5
Helmet stock	232	293	30	62	105	-125	-119
Telescopic stock	n.v.	232	53	55	n.v.	+55	-17
Teleskop. Brace Adapter	n.v.	216	67	55	n.v.	+30	+23
Pistol adapter	30	n.v.	n.v.	62	n.v.	-301	-295
M4-Adapter foldable***	59	n.v.	30	62	102	-251	-245
NAR-Adapter	20	n.v.	n.v.	38	n.v.	-315	-368

Extracted to the maximum, intermediate positions existent. /* Without M4 stock.

Technical data are provided for information only and shall not serve as acceptance criteria.



The total length is calculated using the length of the upper receiver and the cross.

1.3.1 Technical data - APC223 PRO SA

Description	APC223 PRO SA
Product ID	BT-361603
Caliber	.223 Remington
Magazine capacity	30 rounds
Rifling	6 grooves, right hand twist

Type		Standard Barrel 264 mm	Barrel 222 mm	Barrel 308 mm	Barrel 420 mm
Barrel length	[mm]	264	222	308	420
Length standard	[mm]	723	680	767	880
Length receiver	[mm]	530	487	573	685
Width	[mm]	53	53	53	53
Height*	[mm]	211	211	211	211
Weight	[kg]	3.27	3.23	3.39	3.69

* Without magazine, flip-up sights folded.

1.3.2 Technical data - APC300 PRO SA

Description	APC300 PRO SA
Product ID	BT-361563
Caliber	.300 Blackout
Magazine capacity	30 rounds
Rifling	4 grooves, right hand twist

Barrel length	[mm]	222
Length standard	[mm]	682
Length receiver	[mm]	489
Width	[mm]	53
Height*	[mm]	211
Weight	[kg]	3.15

* Without magazine, flip-up sights folded.

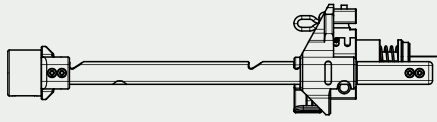
1.3.3 Technical data - APC308 PRO SA

Description	APC223 PRO SA
Product ID	BT-361693
Caliber	.308 Winchester
Magazine capacity	20 rounds
Rifling	4 grooves, right hand twist

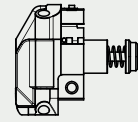
Type		Standard Barrel 330 mm	Barrel 363 mm	Barrel 480 mm
Barrel length	[mm]	330	363	480
Length standard	[mm]	823	908	973
Length receiver	[mm]	630	667	790
Width	[mm]	53	53	53
Height*	[mm]	211	211	211
Weight	[kg]	4	4.1	4.5

* Without magazine, flip-up sights folded.

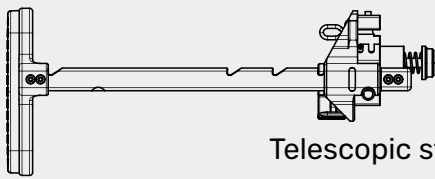
1.4 Variant overview - APC223/300 PRO



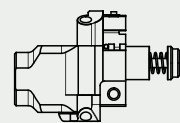
Telescopic stock brace adapter



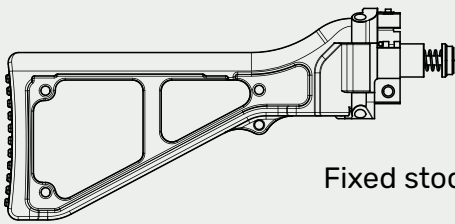
Pistol



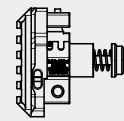
Telescopic stock



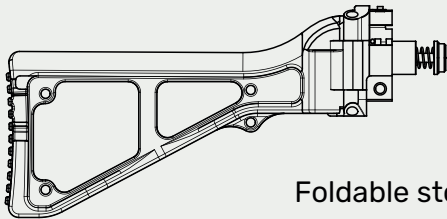
M4-Adapter foldable



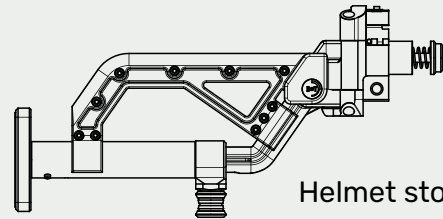
Fixed stock



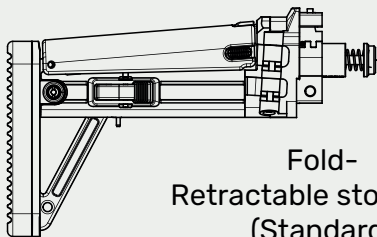
NAR-Adapter



Foldable stock



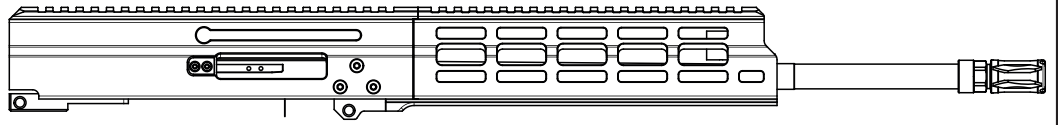
Helmet stock



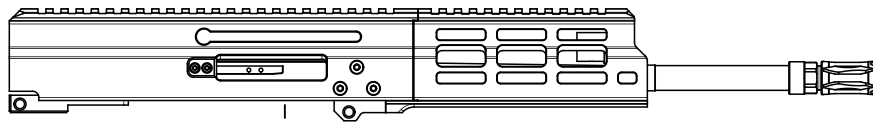
Fold-
Retractable stock PRO
(Standard)

STOCK

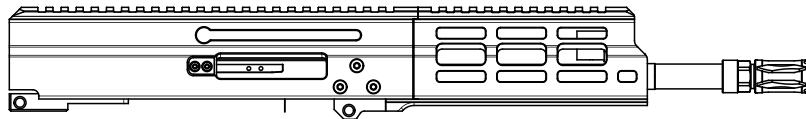
Barrel length 420 mm



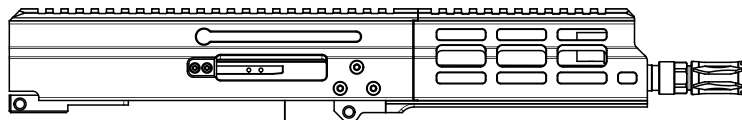
Barrel length 308 mm



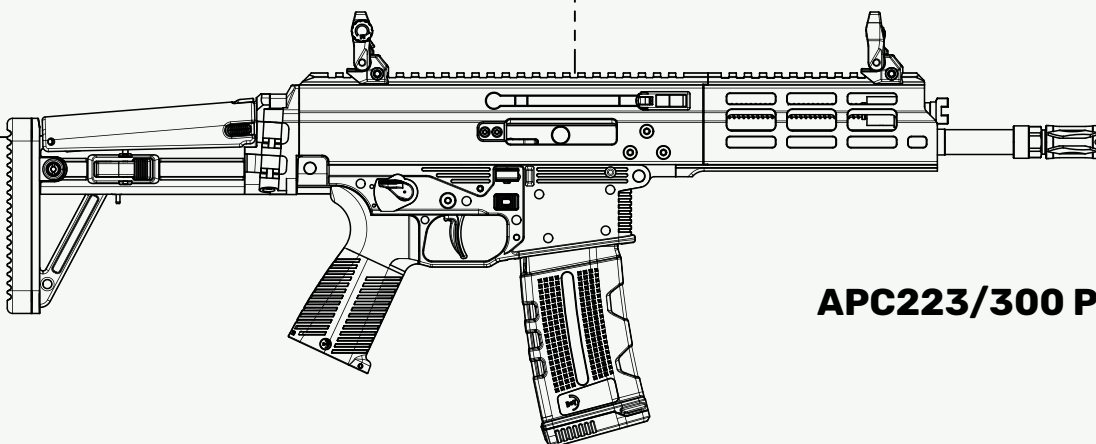
Barrel length 264 mm (standard)



Barrel length 222 mm

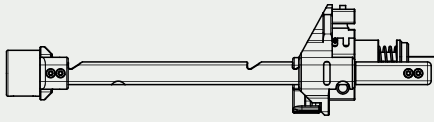


UPPER RECEIVER

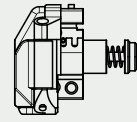


APC223/300 PRO

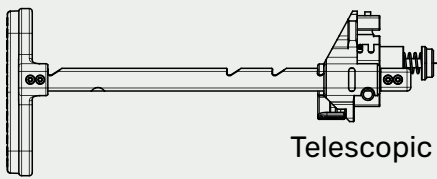
1.5 Variant overview - APC308 PRO



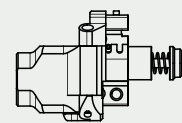
Telescopic stock brace adapter



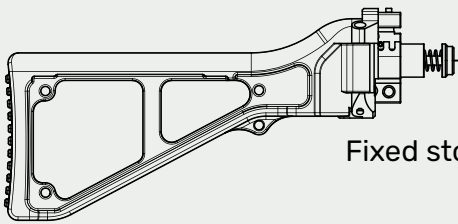
Pistol



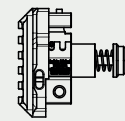
Telescopic stock



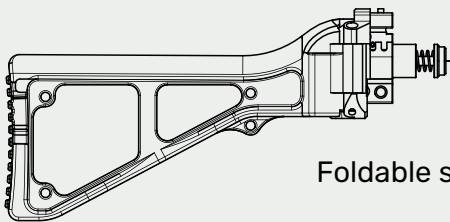
M4-Adapter foldable



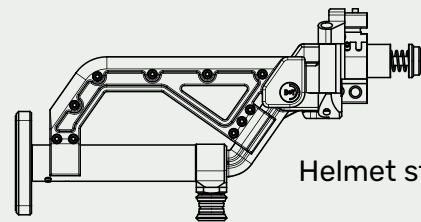
Fixed stock



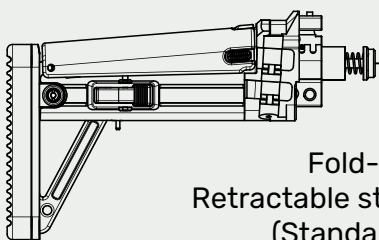
NAR-Adapter



Foldable stock



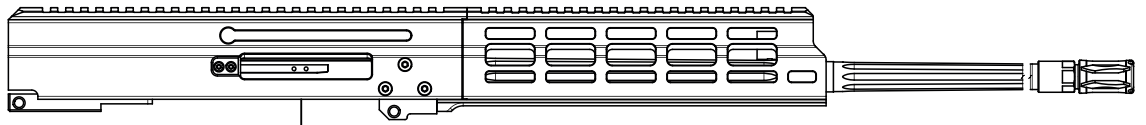
Helmet stock



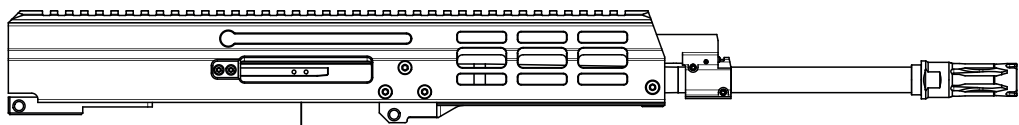
Fold-
Retractable stock PRO
(Standard)

STOCK

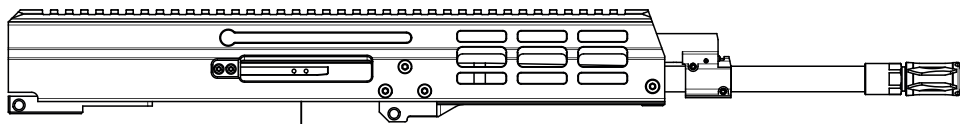
Barrel length 480 mm



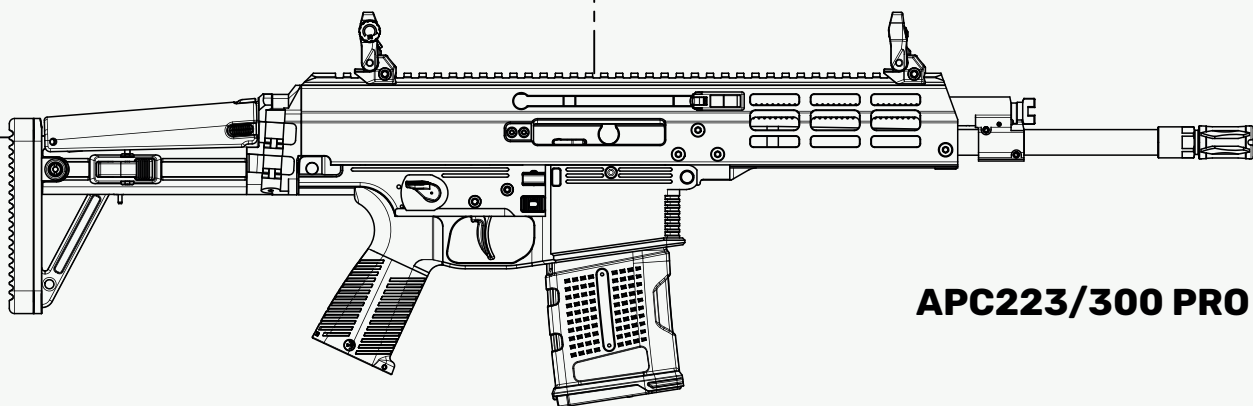
Barrel length 363 mm



Barrel length 330 mm (standard)



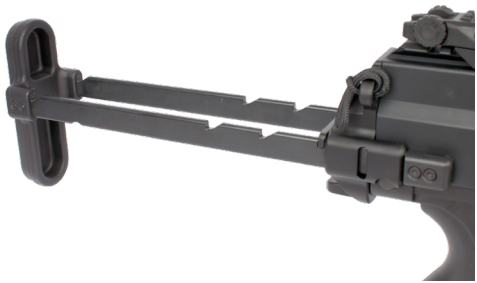




UPPER RECEIVER



APC223/300 PRO

1.6 Stocks / Adapters


Picture	Art.-No.	Type	Description
	BT-361639 BT-361640	APC223/300 APC308	Fold- retractable stock PRO (Standard)
	BT-361496 BT-361502	APC223/300 APC308	Folding stock
	BT-20407 BT-20554	APC223/300 APC308	Telescopic stock
	BT-361504 BT-361412	APC223/300 APC308	Helmet stock
	BT-361497 BT-361505	APC223/300 APC308	Fix stock

Picture	Art.-No.	Type	Description
	BT-361501 BT-361507	APC223/300 APC308	M4 adapter foldable
	BT-361500 BT-361506	APC223/300 APC308	Pistol adapter
	BT-361557 BT-361557	APC223/300 APC308	NAR-Adapter
	BT-20526 BT-20530	APC223/300 APC308	Telescopic brace adapter


1.7 Magazines

Picture	Art.-No.	Type	Description
	MA-MAG556-BLK MA-MAG559-BLK	APC223	Magazine 30 rounds Magazine 10 rounds
	BT-361173	APC300	Magazine 30 rounds
	MA-MAG292-BLK BT-36846 MA-MAG290-BLK	APC308	Magazine 25 rounds Magazine 20 rounds Magazine 10 rounds
	MA-MAG595	APC223	Magazine clamp



1.8 Flashlights

Picture	Art.-No.	Designation
	BT-WML-B-W-L-GEN2	B&T Weapon Mounted Light GEN-2

1.9 Brass catcher

Picture	Art.-No.	Designation
	BT-22438	Brasscatcher

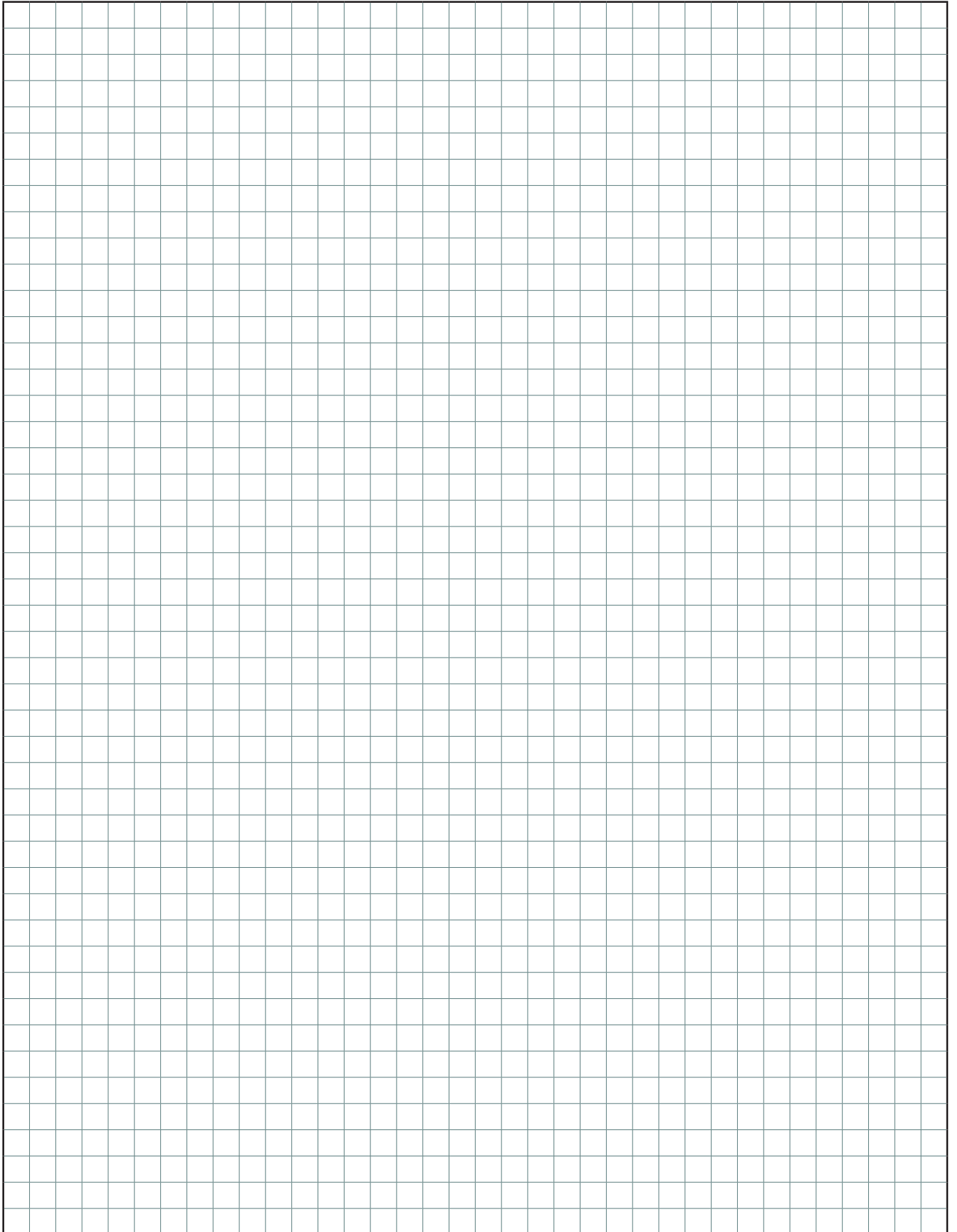
1.10 Sights

Picture	Art.-No.	Designation
	AP-11830-BT-QD	Aimpoint® sight Micro T-1 black - NVD compatible, 4 MOA, ACET technology - with B&T QD NAR mount
	AP-200709	Aimpoint® sight Micro T-1 black - NVD compatible, 2 MOA, ACET technology - with 39 mm spacer mounted (bulk packed)

1.11 Grips

Picture	Art.-No.	Designation
	BT-231227-BK	Angled fore grip 45° picatinny rail attachment
	BT-211564-BL	Unigrip QD short
	BT-21840	Unigrip QD

Notes :



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