

BARREL MANUFACTURE

12.7 mm - 84 mm



Totally Focused Technology - Highly Skilled Engineering



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SUB-CONTRACT BARREL MANUFACTURE

AEI offers customers a partial or complete barrel manufacturing subcontract service.

AEI can assistance with barrel design and material selection if required.

Customers can supply partially machined blanks, forgings or hot rolled bars. AEI return barrels with rifled bores, patially or finished machined exteria.

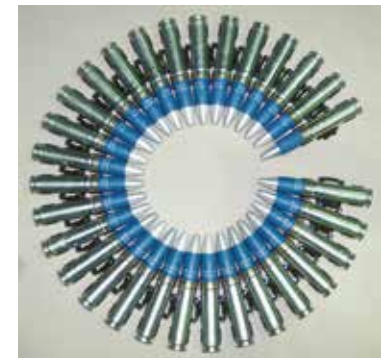
AEI will attempt to source material to a customer's specification. If the material is unavailable AEI can assist with the selection of suitable alternative materials.

Before barrel production commences specialist machine tooling is proven using sacrificial material that is fully inspected for compliance.

CURRENT PRODUCTION

AEI currently produces rifled barrels for the following weapons;

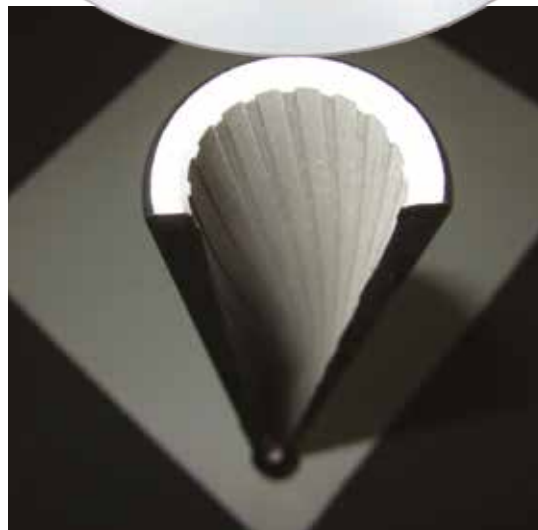
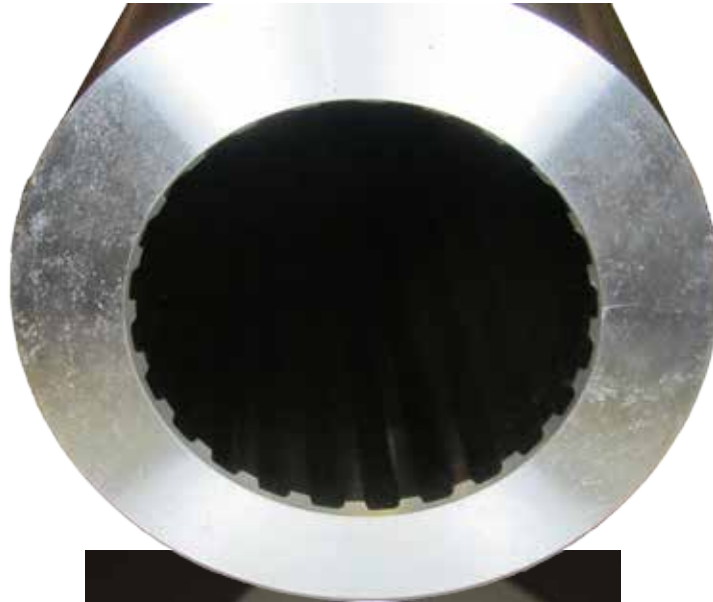
- STA 50 – 12.7 mm
- HS804 – 20 mm
- M39 – 20 mm
- ADEN – 30 mm
- ASPEN – 30 mm
- AE30-173 LRG -- 30 mm
- AE84-RCL – 84 mm





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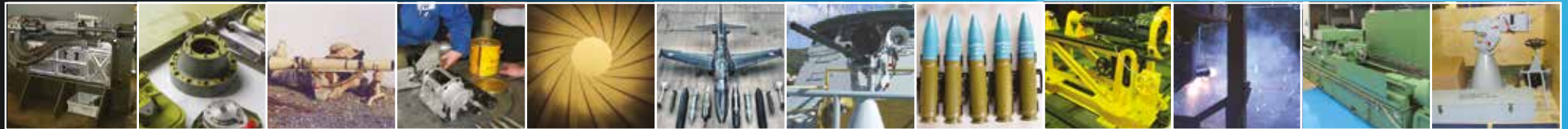
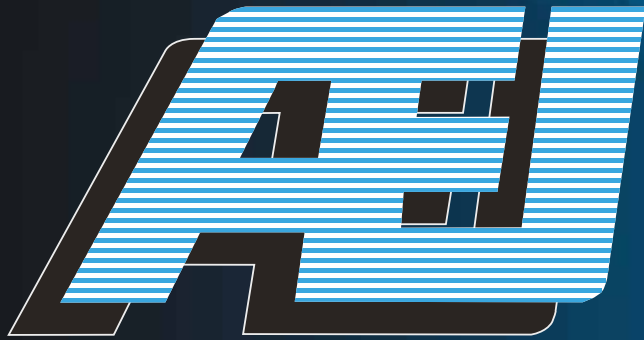


PRODUCTION

AEI has expanded its in-house production capability to include barrel manufacture from 12.7 mm to 84 mm with straight, constant and progressive parabolic rifling or any combination thereof. Barrels up to 105 mm can be produced, dependent on barrel length.

BARREL PROOFING & PROOF AMMUNITION

AEI offers customers a barrel proof service. AEI holds a significant inventory of range test equipment including proof weapons and in most cases can assist customers if weapons are not available. AEI also offers a proof ammunition service. 'TP' ammunition is dismantled and rebuilt with suitable propellant to provide pressure tested proof ammunition.



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