



**Website: [www.mtrains.co.uk](http://www.mtrains.co.uk)**

*For Hornby Dublo Spares and locomotive subassemblies etc.*

**If you need a Hornby Dublo armature for a vertical motor, but aren't sure which:**

**Notes:** This answer is to help you if you need one of the common sorts of armature, which are rather hard to tell apart since they look so similar. This covers Hornby Dublo only. I haven't written it to cover Ringfield motors, half inch motors, or diesels.

**Length:** There are two lengths of armature. The shorter type (36mm long to the nearest millimetre) will fit the N2 0-6-2 tank locomotive only. It doesn't fit any other locomotives.

The longer type (39mm to the nearest millimetre) will fit the larger steam locomotives; 2-6-4 tanks, Duchess of Atholl and Montrose, the A4s (Sir Nigel Gresley, Silver King, Mallard, Golden Fleece), City of London and Liverpool.

**Gearing:** Both lengths of armature come in two gearings. The older locomotives usually have coarse gearing, the newer have finer gearing. The best way to tell, if you are unsure, is just by looking.

The photographs below should help you to identify what you need:

*Pictures are not to exact scale but are illustrative.*

**Short (N2) armature  
(Coarse gearing)**



Short, N2  
Coarse  
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**Long (various locos) armature  
(Coarse gearing)**



Long  
Coarse  
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[www.mtrains.co.uk](http://www.mtrains.co.uk)

**Short (N2) armature  
(Fine gearing)**



Short, N2  
Fine  
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[www.mtrains.co.uk](http://www.mtrains.co.uk)

**Long (various locos) armature  
(Fine gearing)**

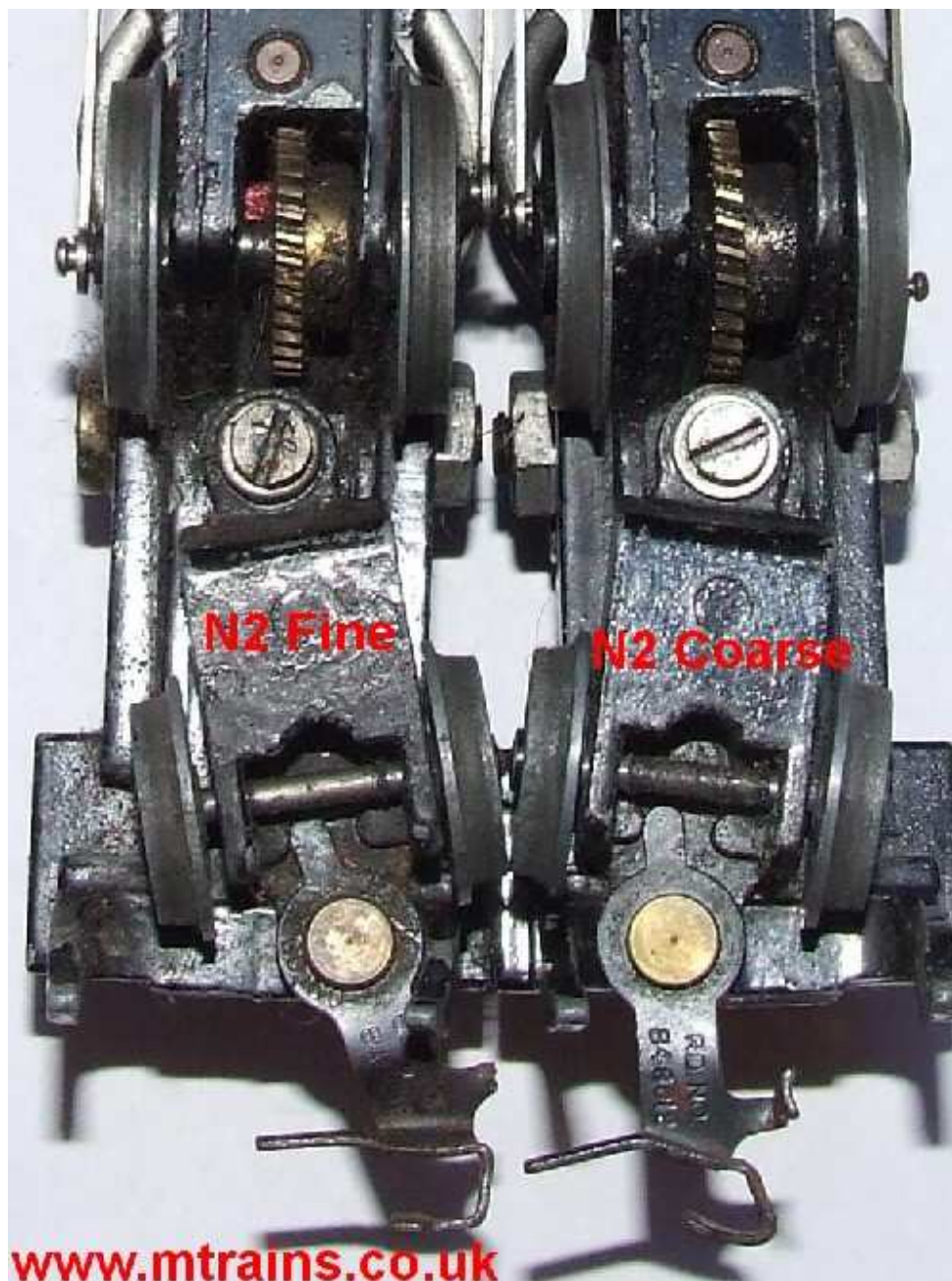


Long  
Fine  
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*Pictures are not to exact scale but are illustrative only.*

**Two N2 chassis to show the gearings of fine and coarse armatures  
(short type)**



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*Pictures are not to exact scale but are illustrative only.*

**Two Duchess chassis to show the gearings of fine and coarse armatures (long type)**



**Duchess Fine**

**Duchess Coarse**

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