

Features

- Armature plate
Counterpart for use
with electromagnets
- Made from steel
(Nickel plated)
- Diameter of 50mm
- Weight of 100g
- Supplied with
armature screw and
rubber ring armature
mount
- Can use with 739-
3261, 739-3267, 739-
3245, 739-3233
- RoHS compliant for
restricted hazardous
substances

RS PRO Access Control Accessories

RS Stock No.: 739-3251



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

- *The armature plates fit both Energise-to-Hold and Energise-to-Release magnets. Supplied with armature screw and rubber ring armature mount.*
- *The armature plate is nickel plated to protect against any corrosion risks.*
- *Select an Armature Plate of same or bigger diameter than the Energise-to-Hold or Energise-to-Release magnet you have chosen.*
- *Rubber ring supplied allows for a small degree of flex in the armature plate movement to maximise direct contact to the Energise-to-Hold or Energise-to-Release magnet clamping face to enable maximum possible pull forces to be achieved. Air gaps and misalignment will reduce the pull force. The armature screw head sits under the contact face to prevent interference with the magnetic face so will not mechanically interfere with the Energise-to-Hold or Energise-to-Release magnetic force.*

739-3264 = 25mm Dia

739-3211 = 30mm Dia

739-3255 = 40mm Dia

739-3251 = 50mm Dia

739-3217 = 65mm Dia

739-3214 = 80mm Dia

Access Control Accessories

General Specifications

Accessory Type	Armature plate / Counterpart
For Use With	Electromagnets
Material	Mild Steel
Special features	Armature plate / Counterpart for use with electromagnets, supplied with armature screw and rubber ring armature mount
Mounting type	Mount in place using armature screw and rubber ring armature mount
Finish	Nickel plated
Applications	Buildings, Offices, Factories

Mechanical Specifications

Diameter	50mm
Height	6mm
Armature screw supplied	M4
Weight	100g

Classification

UNSPSC Commodity Code	85059090
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Approvals

Compliance/Certifications	REACH & RoHS compliant
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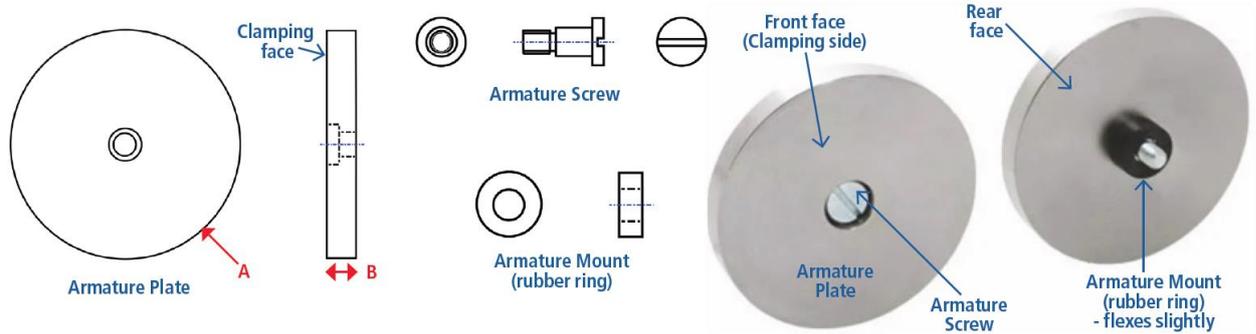
Access Control Accessories

Similar Products

Parameters	739-3264	739-3211	739-3255	739-3251	739-3217	739-3214
Material	Mild Steel					
Finish	Nickel Plated					
Diameter	25mm	30mm	40mm	50mm	60mm	80mm
Height	3mm	4mm	5mm	6mm	8mm	10mm
Armature screw supplied	M3	M4	M4	M4	M5	M6
Weight	15g	30g	50g	100g	210g	400g

Additional detail

- *The actual pull force that is achieved with an armature plate is always application specific. If you use a material other than our armature plates to clamping against the pull force you will achieve may differ to the stated values.*
- *The material type, thickness, area, smoothness of surface, etc can all affect the performance that could be achieved. If your material is thinner than our recommended Armature Plate thickness you should expect a reduced pull force in your application.*
- *When an electromagnet is clamping against any ferrous surface, there may be a risk that residual magnetisation may still exist after the power supply is turned off, creating a small retention force. The nickel plating on the armature plate helps to minimise this effect. Held up parts that are heavier in weight would assist in overcoming any residual magnetisation forces.*



Product Number	Diameter (A) mm	Height (B) mm	Armature Screw supplied	To Suit ElectroMagnet Diameter mm	Weight g	Recommended to be used with ElectroMagnet Product Number	Recommended to be used with Electro-Permanent Magnet Product Number
739-3264	25	3	M3	20 / 25	15	785-8519, 785-8512, 739-3286, 739-3277	
739-3211	30	4	M4	30	30	739-3258, 739-3249	
739-3255	40	5	M4	35 / 40	50	739-3273, 739-3270	739-3236, 739-3227
739-3251	50	6	M4	50	100	739-3261, 739-3267, 739-3245	739-3223
739-3217	65	8	M5	65	210	739-3242, 739-3233, 739-3239	
739-3214	80	10	M6	80	400	791-7558, 791-7567	