

DID YOU KNOW?

about our...



**SPOT
LIGHT**

Clip Pin Range



QPAMSZN



QPRMSZDM



QPRMSZM



Disclaimer: while every reasonable effort has been made to ensure that this document is correct at the time of printing, Hobson Engineering®, its agencies and employees disclaim all liability in respect to anything or the consequences of anything done or omitted regarding the whole or any part of this document. HEC product marking is the manufacturing mark of Hobson Engineering. HEC is a registered trademark of Hobson Engineering.

Bolt Tension | Anti-Vibration | Product Reliability | Traceability

hobson.com.au **QUALITY FASTENERS** SINCE 1935



Page 1 of 4

251014DYK

DID YOU KNOW?

about our...



**SPOT
LIGHT**

Hair Pin Retainer Clip

HAIR PIN RETAINER CLIP ZINC PLATED (RoHS COMPLIANT) / HEC / MILD STEEL

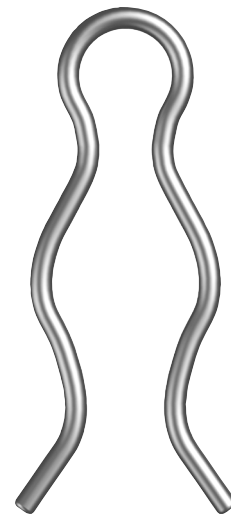
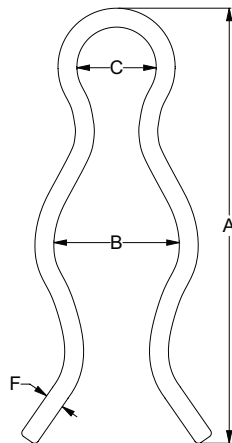
Part	Size	F	A	B	C
	(mm)	(mm)	(mm)	(mm)	(mm)
QPAMSZN03	3	0.8	15.9	5.6	3.2
QPAMSZN05	5	1.3	24.6	7.9	4.8
QPAMSZN08	8	2.2	38.1	13.5	7.9
QPAMSZN11	11	3.2	58.0	22.2	12.7

APPLICATIONS

- Retain grooved pins

FEATURES

- Reusable
- Easy installation
- Perfect for a wide range of pin diameters
- High carbon content makes it suitable for parts subject to high stress
- Made of spring steel



Disclaimer: while every reasonable effort has been made to ensure that this document is correct at the time of printing, Hobson Engineering®, its agencies and employees disclaim all liability in respect to anything or the consequences of anything done or omitted regarding the whole or any part of this document. HEC product marking is the manufacturing mark of Hobson Engineering. HEC is a registered trademark of Hobson Engineering.

Bolt Tension | Anti-Vibration | Product Reliability | Traceability

hobson.com.au **QUALITY FASTENERS SINCE 1935**

Page 2 of 4



251014DYK

DID YOU KNOW?

about our...

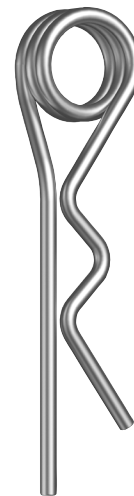


**SPOT
LIGHT**

Double Coil R Clip Pin

DOUBLE COIL R CLIP PIN ZINC PLATED (RoHS COMPLIANT) / HEC / MILD STEEL

Part	Hole Size	Shaft Size	Size	Eye Diameter	Length	
	D1 (mm)	D2 (mm)	D3 (mm)	E (mm)	L1 (mm)	L2 (mm)
QPRMSZDM02	2	9-14	2	9.8	58.5	23.5
QPRMSZDM03	3	10-20	3	15.9	74.3	31.5
QPRMSZDM04	4	16-25	4	22.5	96.5	43.5
QPRMSZDM05	5	20-35	5	22.5	109.4	43.5
QPRMSZDM06	6	28-40	6	27.5	139.5	56.0
QPRMSZDM08	8	30-45	8	29.0	154.0	59.0

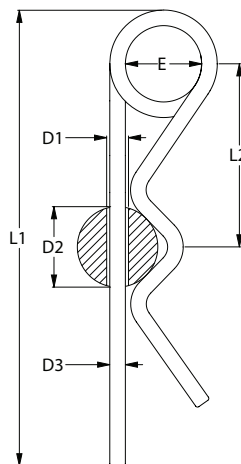


APPLICATIONS

- Used with Clevis Pins to secure parts
- Secure bolts to pins that use hole for attachment
- Secure bolts to axels

FEATURES

- Easy installation due to flatter spring characteristic
- Double coil prevents loss by allowing attachment of a tether cable
- Enhanced strength
- Can be re-used



Disclaimer: while every reasonable effort has been made to ensure that this document is correct at the time of printing, Hobson Engineering®, its agencies and employees disclaim all liability in respect to anything or the consequences of anything done or omitted regarding the whole or any part of this document. HEC product marking is the manufacturing mark of Hobson Engineering. HEC is a registered trademark of Hobson Engineering.

Bolt Tension | Anti-Vibration | Product Reliability | Traceability

hobson.com.au **QUALITY FASTENERS SINCE 1935**

Page 3 of 4



251014DYK

DID YOU KNOW?

about our...

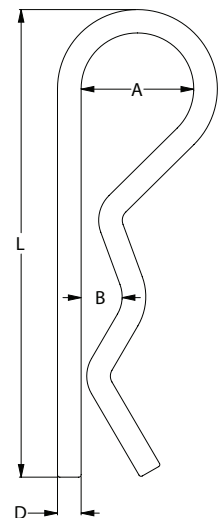
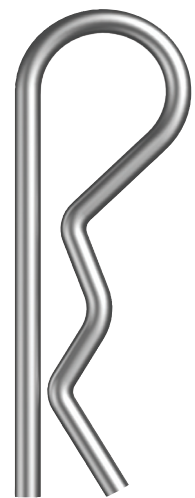


**SPOT
LIGHT**

R Clip Humpback Pin

R CLIP HUMPBAC PIN ZINC PLATED / HEC / MILD STEEL

Part	Size	A	B		D	L
			Shaft Size			
			min	max		
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
QPRMSZM012	1.2	3.0	1.7	2.3	1.18	14
QPRMSZM016	1.6	4.8	2.1	2.7	1.58	27
QPRMSZM020	2.0	9.5	3.5	4.1	1.98	54
QPRMSZM024	2.4	12.0	3.7	4.3	2.38	56
QPRMSZM032	3.2	17.5	4.2	4.8	3.18	63
QPRMSZM035	3.5	17.5	5.7	6.3	3.48	71
QPRMSZM038	3.8	19.5	5.7	6.3	3.78	75
QPRMSZM045	4.5	22.5	6.7	7.3	4.48	96
QPRMSZM050	5.0	23.0	7.2	7.8	4.98	96
QPRMSZM062	6.2	29.0	11.7	12.3	6.18	118
QPRMSZM070	7.0	29.0	11.7	12.3	6.98	118
QPRMSZM079	7.9	29.0	12.7	13.3	7.88	122



APPLICATIONS

- Used to secure the ends of round shapes such as axles and clevis pins

FEATURES

- R shaped

Disclaimer: while every reasonable effort has been made to ensure that this document is correct at the time of printing, Hobson Engineering®, its agencies and employees disclaim all liability in respect to anything or the consequences of anything done or omitted regarding the whole or any part of this document. HEC product marking is the manufacturing mark of Hobson Engineering. HEC is a registered trademark of Hobson Engineering.

Bolt Tension | Anti-Vibration | Product Reliability | Traceability

hobson.com.au **QUALITY FASTENERS SINCE 1935**



Page 4 of 4

251014DYK