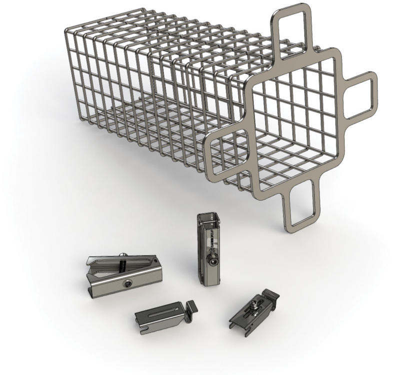
SENTRY
GUARDING SYSTEM



GUARDING ACCESSORIES
INSTRUCTION MANUAL

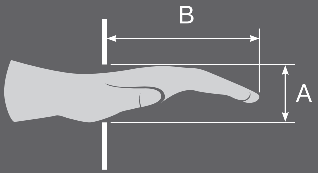
MESH CLAMP BRACKET
CONDITION MONITORING GUARD INSERT
BOLT SIGN BRACKET
RIVET SIGN BRACKET

This Instruction Manual is provided as a guide for the Sentry Guarding System Accessories. All accessories are designed to provide safe, fast and cost effective solutions to your guarding projects. All accessories are compliant to Australian Standards. Accessory applications are not limited to examples shown in this Instruction Manual, however weight and force limits should be considered. **Product may fail and void warranty if guarding is not correctly assembled and installation does not comply with standards, design guide and drawings.**

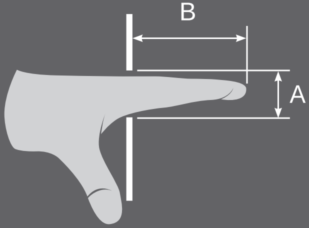
Safety & General Information

OPENING GUIDE

As per AS/NZ 4024.3610/3611



Opening (A) mm	Distance (B) mm		
	Slot	**Square**	**Round**
$6 < A \leq 8$	≥ 20	≥ 15	≥ 5
$8 < A \leq 10$	≥ 80	≥ 25	≥ 20
$10 < A \leq 12$	≥ 100	≥ 80	≥ 80
$12 < A \leq 20$	≥ 120	≥ 120	≥ 120

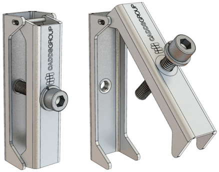


Opening (A) mm	Distance (B) mm		
	Slot	Square	Round
20 < A ≤ 30	≥ 850*	≥ 120	≥ 120

* If the length of the slot opening is less than or equal to 65mm, the thumb will act as a stop and safety distance can be reduced to 200mm.

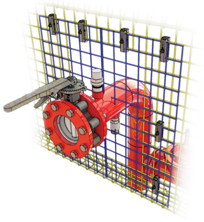
MESH CLAMP BRACKET

Part Number: **SGS_MCB_001**

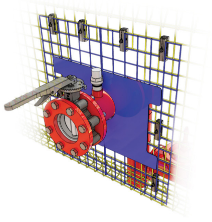


The Mesh Clamp Brackets clamp infill sections or extensions to the Guarding panel, allowing openings in the mesh to be closed on site, or extensions to be added. This eliminates hot works and reduces fabrication and installation time.

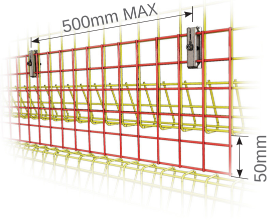
Application Example



Mesh extension fast fix

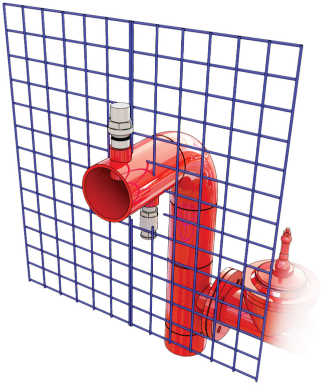


Sheet metal extension design fix



Arrangement to fix non-compliant 50mm gap

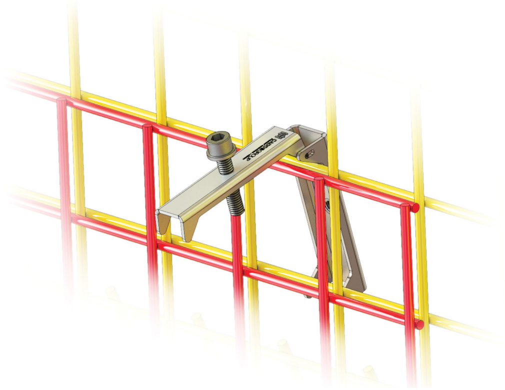
MESH CLAMP BRACKET INSTALLATION



Step 1

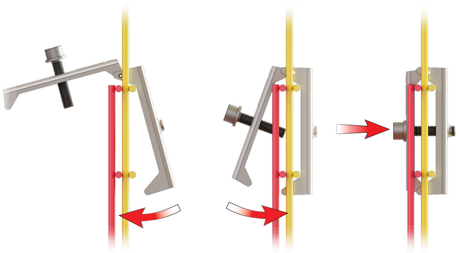
Measure and cut mesh to enclose opening with enough green to overlap on existing mesh.

For optimum strength, keep Mesh Clamp Brackets at a maximum of 500mm apart.



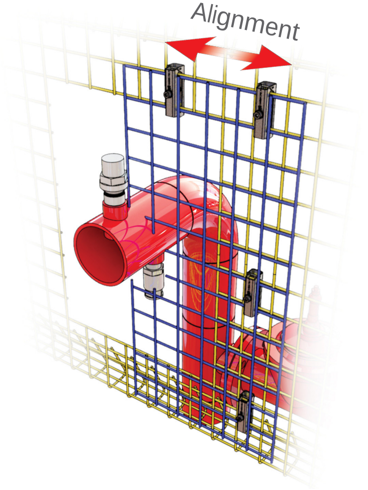
Step 2

Hook the top of the Mesh Clamp Bracket onto the back wire and swing the bottom into position.



Step 3

Lightly tighten the M6 cap screw to keep the Mesh Clamp Bracket in place allowing the mesh to be adjusted. Secure the mesh with adequate quantity of Mesh Clamp Bracket.



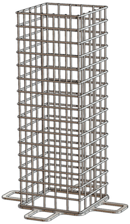
Step 4

Mesh infill panel can be adjusted in the horizontal or vertical direction to comply with the minimum gap. Depending on panel adjustment direction, the Mesh Clamp Bracket can be installed in a vertical or horizontal direction to allow desired adjustment. Once in place, all cap screws can be tightened to 9.5Nm.

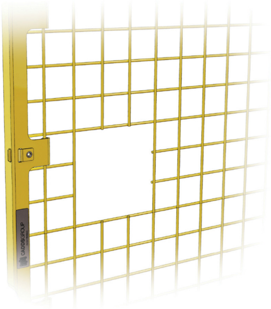
CONDITION MONITORING GUARD INSERT

Part Number: **SGS_CMG_001**

The Condition Monitoring Guard Insert provides a safer way for workers to do their periodic inspection by providing a physical barrier between the human hand and machinery.

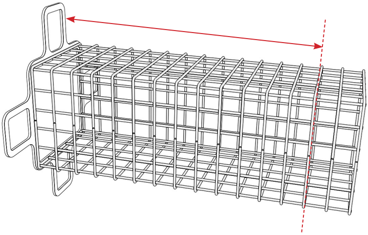


A Guard End Cover is also provided for side access monitoring points.



Step 1

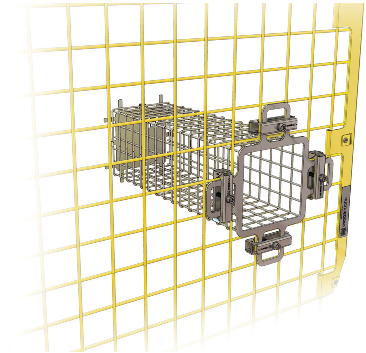
Mark and cut a 150x150mm area on grid mesh at location directly inline with monitoring point. Touch up exposed wire with yellow paint.



Step 2

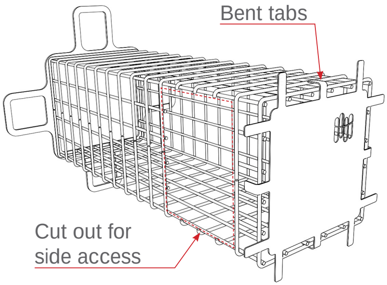
Measure distance from guarding to monitoring point. Cut Condition Monitoring Guard inline to nearest vertical wire if required.

Refer to opening guide and AS/NZ 4024.3610/3611 to comply.



Step 3

Secure Condition Monitoring Guard with the four Mesh Clamp Brackets provided.



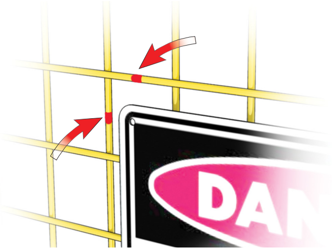
Securing Guard End Cover

Place Guard End Cover at the end of Condition Monitoring Guard Insert and align centrally. Bend opposite tabs simultaneously over mesh wire and repeat to all to secure onto Condition Monitoring Guard. Guard End Cover can be cut to suit specific scenario.

BOLT SIGN BRACKET

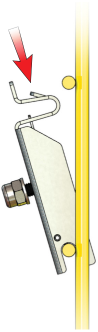
Part Number: **SGS_BSB_001**

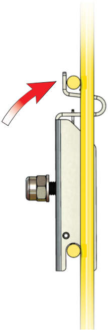
The Bolt Sign Bracket is suitable for removable guarding and high vibration areas. The Bolt Sign Bracket can be orientated both vertically and horizontally.



Step 1

Place the sign in the centre of the guard panel and mark locations for the Bolt Sign Brackets.

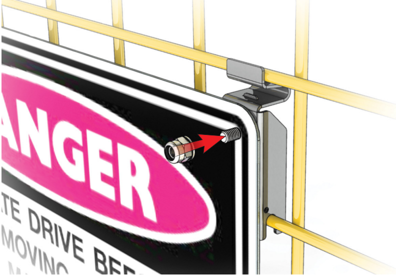




Step 2

Slide the bottom end of the Bolt Sign Bracket over the wire and hinge inwards to clip top section onto top wire.

Note: Due to the mesh grid tolerance, both the Bolt Sign Bracket and Rivet Sign Bracket may need to be orientated either vertically or horizontally.

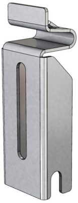


Step 3

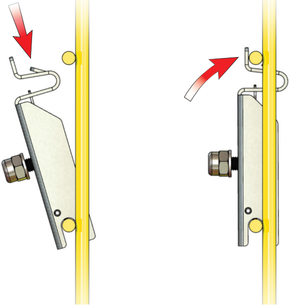
Place sign over M4 stud and secure with Nyloc nut.

RIVET SIGN BRACKET

Part Number: **SGS_RSB_001**

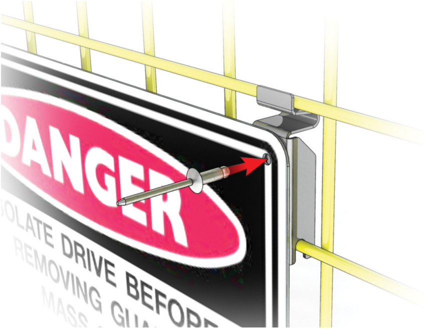


The Rivet Sign Bracket offers a fast and permanent fixture suitable for fixed guarding and areas with minimal or no vibration.



Step 1

Attach Rivet Sign Bracket to the guard panel as per bolt option (Steps 1 & 2 above).



Step 2

Place sign on top of Rivet Sign Bracket and secure with 5.4 Stainless Steel rivet (Ø4.0mm, 6.4mm grip).

CONTACT US

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AS/NZS 4024.3610/3611

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