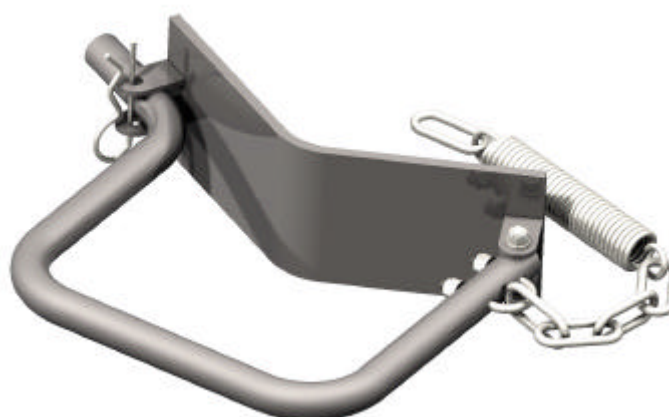




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THORNE & DERRICK UK
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Rev: 1 – 05/10/06

PFISTERER (Pty) Limited specialises in the manufacture of quality earthing equipment that offers personnel the protection up to the rating of the equipment.

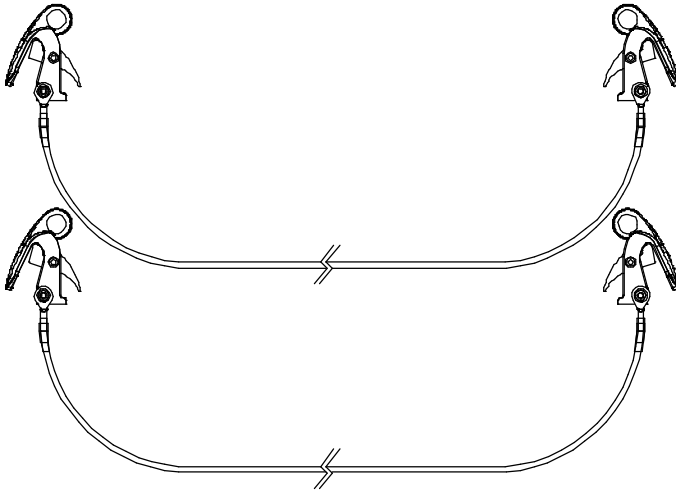
In addition to the standard kits detailing in this brochure, kits are manufactured to cater for customers specific needs.

Most of the equipment offered has successfully past the stringent requirements of IEC1230, as well as Eskom spec SCSSCAAN3. Many criteria of ASTM Standard Specification for Temporary Grounding Systems, F855-90, are covered by IEC1230.

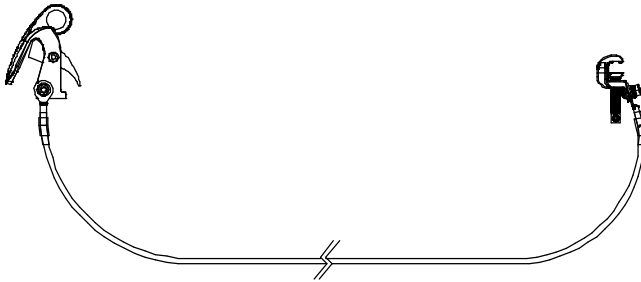
The major tests were conducted by CESI of Itali and are covered by test report MP-99/019886. These test were carried out in a "real life" configuration.

Eskom Safety Earthing Kit No. 1.a

Control Earth 40mm² Red (8 kA / 1 sec)

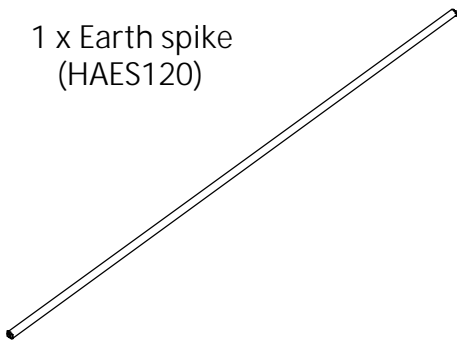


2x2 meter leads with two
snap-on clamps (528)

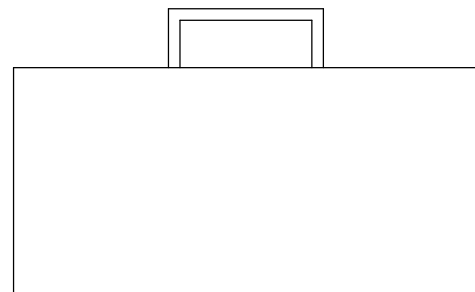


1x12 meter lead with one snap-
on clamp (528) and an earthing
clamp (414).

1 x Earth spike
(HAES120)

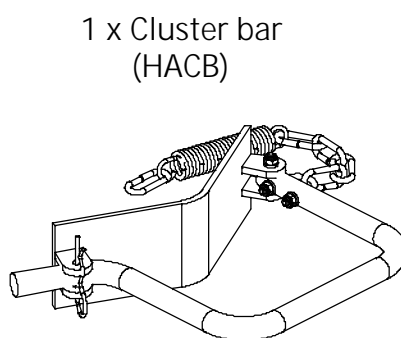
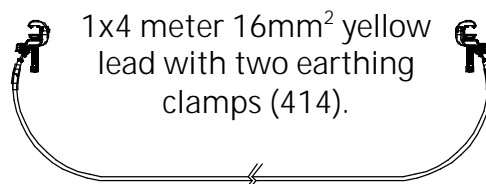
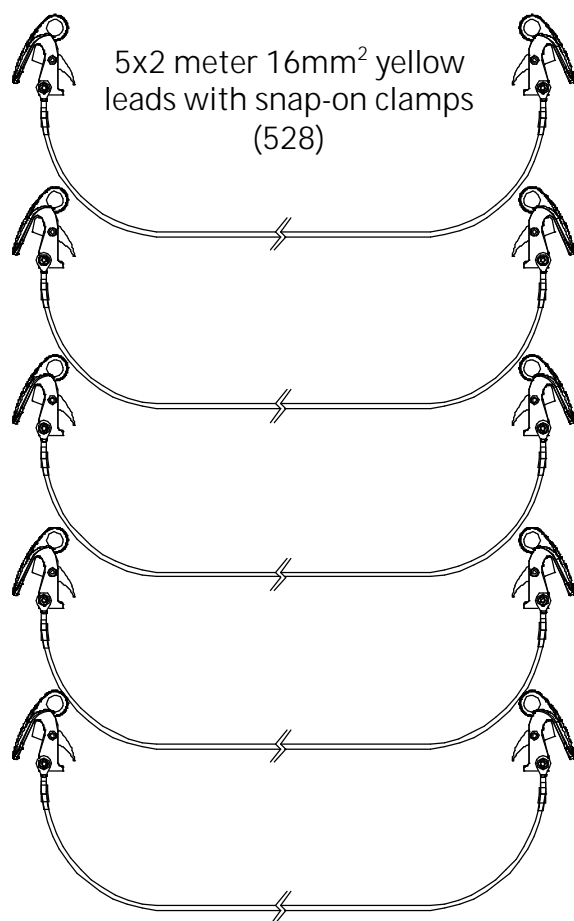


1 x Red bag
(HARB)

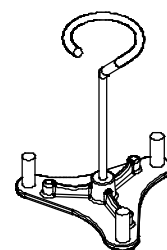


Eskom Safety Earthing Kit No. 1.b

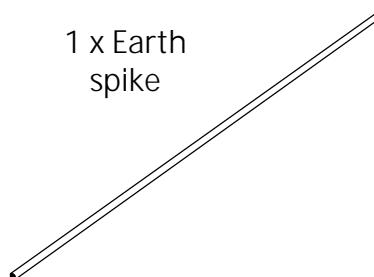
Working Earth 16mm² Yellow (3 kA / 1 sec)



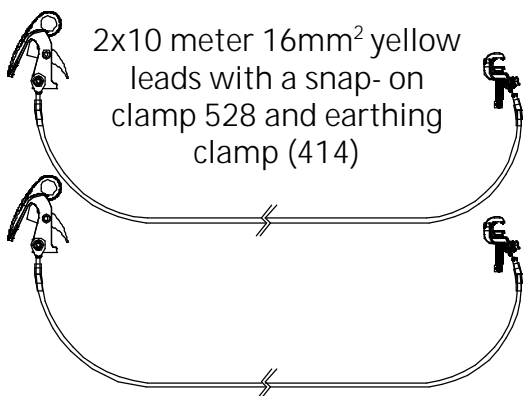
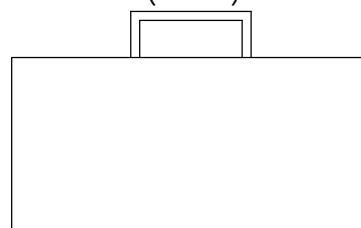
1 x Cluster head (HACH)



1 x Earth spike



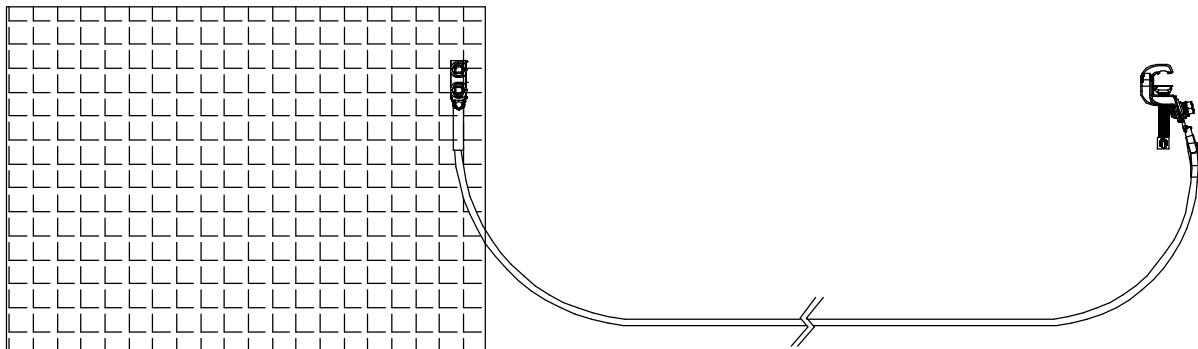
1 x Yellow bag (HAYB)



Eskom Safety Earthing Kit No. 1.c

Portable Footplates 40mm² Red (8kA / 1sec)

1x2 meter 40mm² red lead with double bolt lug (HACEL 40-12D) and earthing clamp (414)



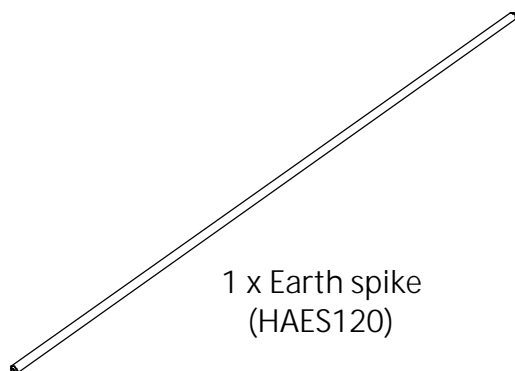
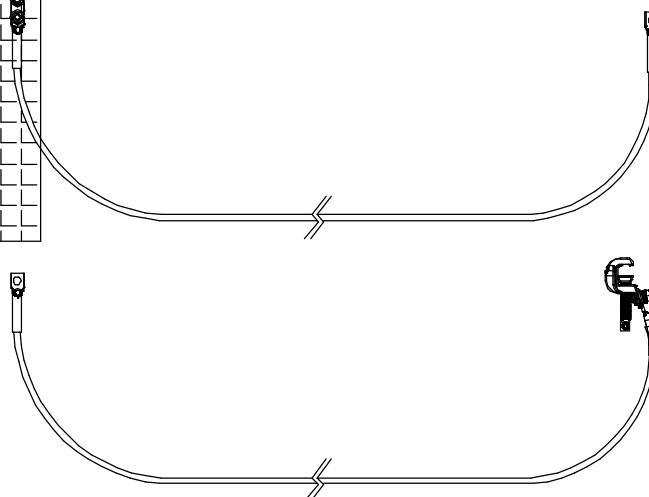
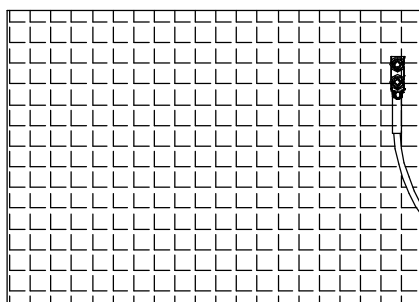
1 x Aluminium checker plate
6/8 mm x 500 x 700mm with
two holes for double bolt lug.

Eskom Safety Earthing Kit No. 1.d

Vehicle Footplates 40mm² Red (8 kA / 1 sec)

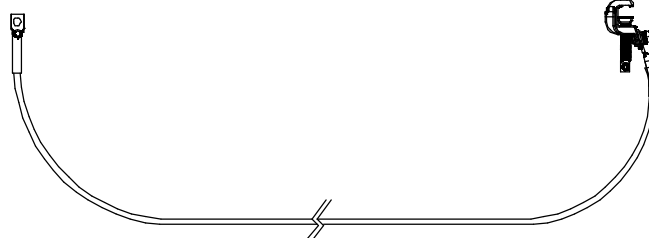
1 x Aluminium footplate 6/8mm x
500mm x 700mm (HAFP5070)
with two holes for double bolt lug.

1x2 meter 40mm² red lead with one
double bolt lug (HACEL40-12D) and one
single bolt lug (HACEL40)



1 x Earth spike
(HAES120)

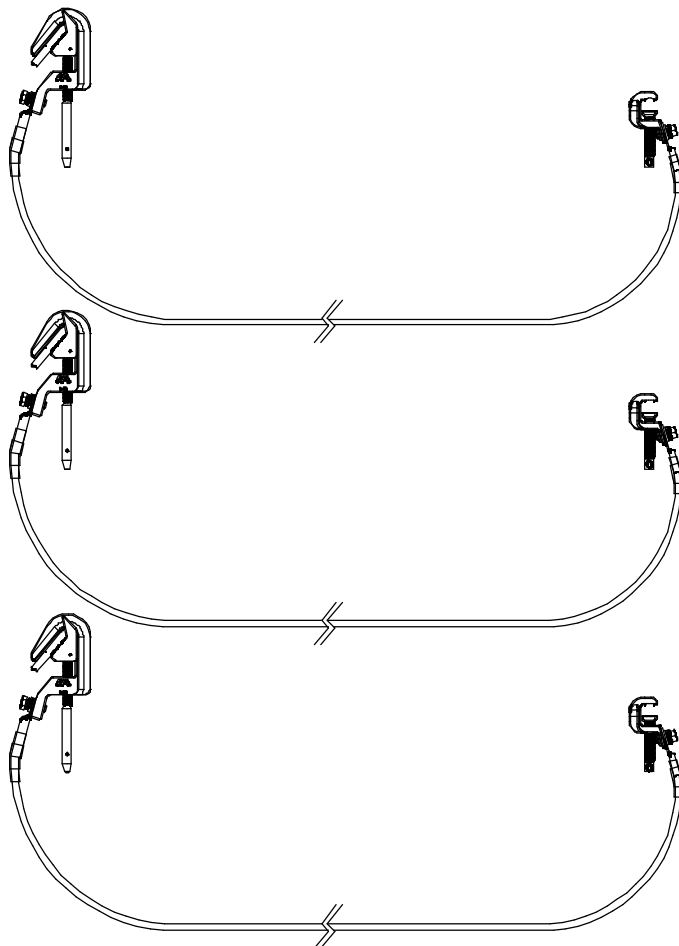
1x4 meter 40mm² red lead with single
bolt lug (HACEL40-12) and earthing
clamp (414)



Eskom Safety Earthing Kit No. 2.a)1.

Sub Control Earth 40mm² Red (8 kA / 1 sec)

3 x 3 meter 40mm² red leads
with one earthing clamp (414)
and one line end clamp (178)

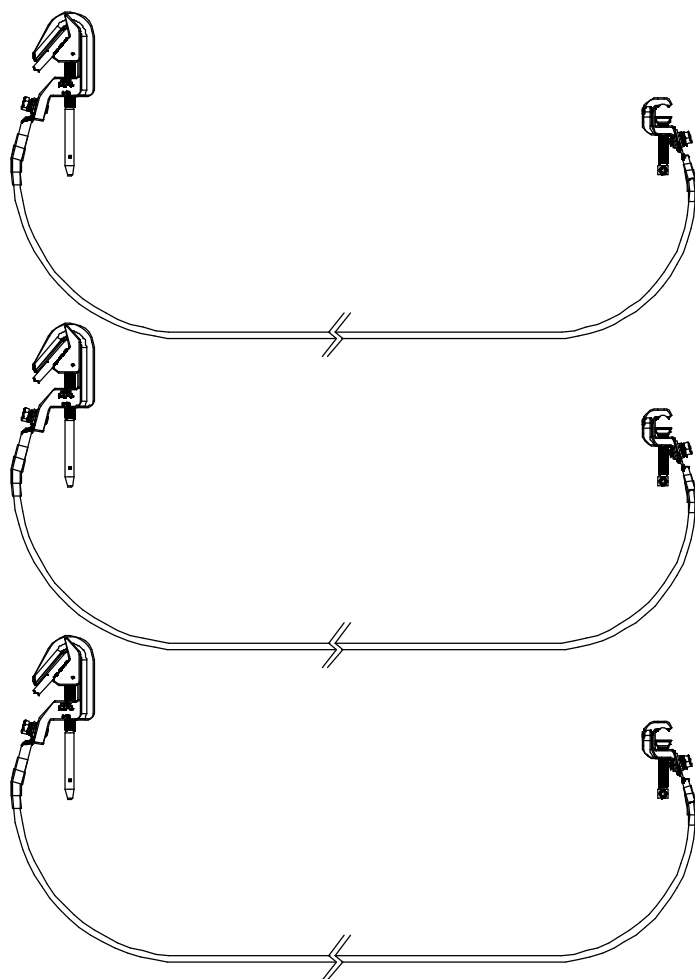


1x Ball stud (HABS) with
aluminium plate
70x50mm 1mm thick
(HAAP157)

Eskom Safety Earthing Kit No. 2.a).2

Sub Control Earth 95mm² Red (20 kA / 1 sec)

3 x 3 meter 95mm² red leads
with one earthing clamp (414)
and one line end clamp (178)

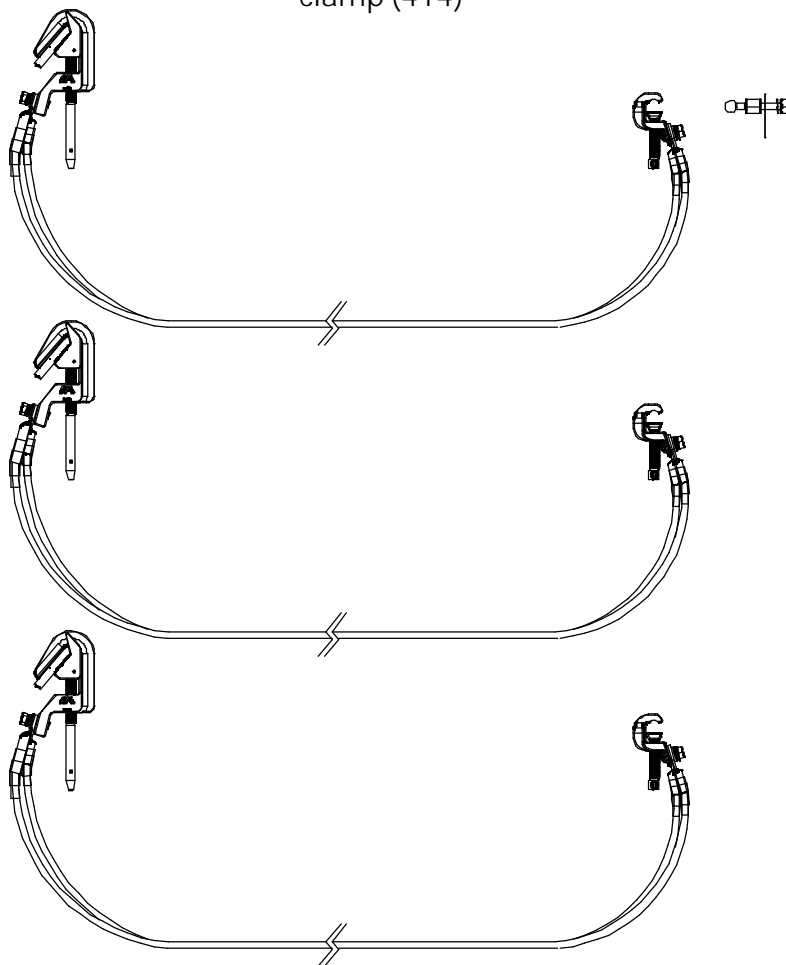


Ball stud (HABS) with
aluminium plate 70x50
1mm thick (HAAP157)

Eskom Safety Earthing Kit No. 2.a).3

Sub Control Earth 95mm² Red (30 kA / 1 sec)

3 x 3 metre double leads made up
of 95mm² conductor with a line
end clamp (178) and an earthing
clamp (414)

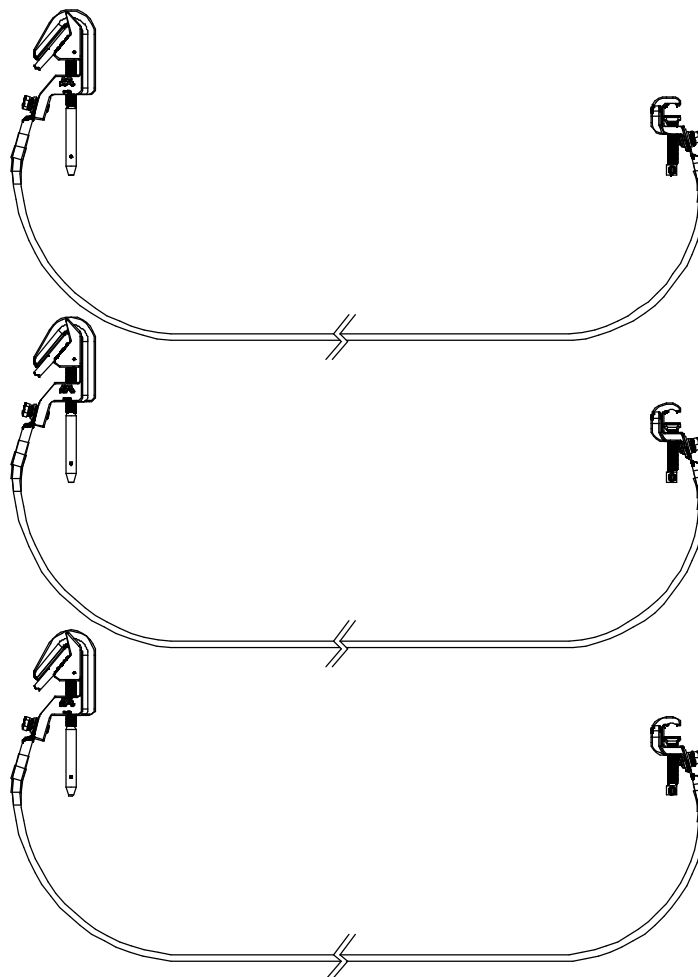


1x Ball stud (HABS) with
aluminium plate 70x50
1mm thick (HAAP157)

Eskom Safety Earthing Kit No. 2.b).1

Sub working earth 40mm² Yellow (8 kA / 1 sec)

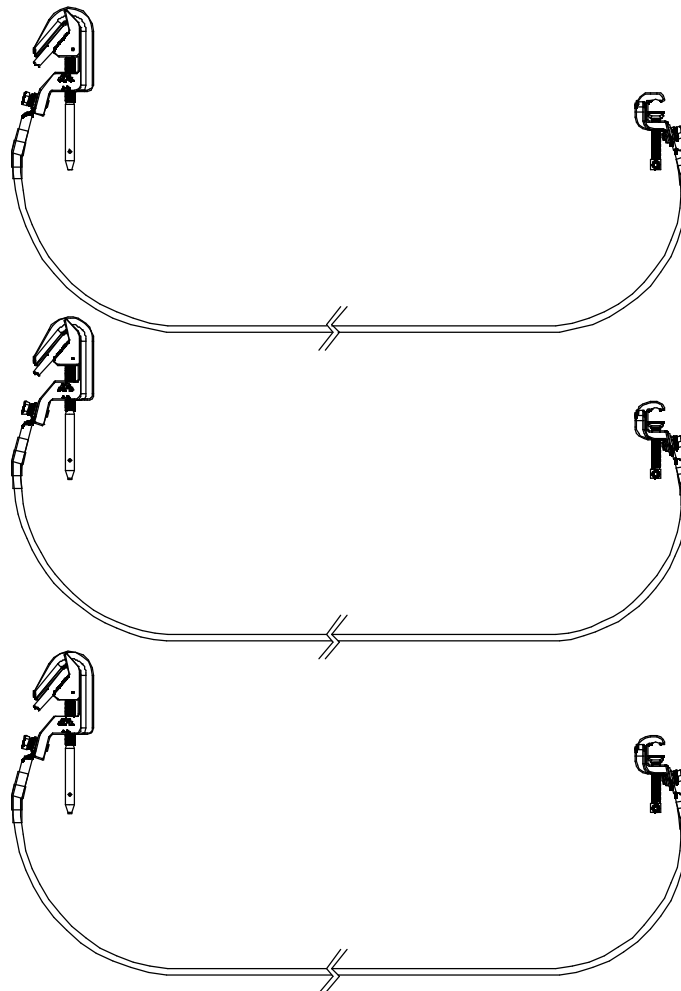
3 x 3 meters of 40mm² yellow
leads with one line end clamp
(178) and one earthing clamp
(414)



Eskom Safety Earthing Kit No. 2.b).2

Sub working earth 95mm² Yellow (20 kA / 1 sec)

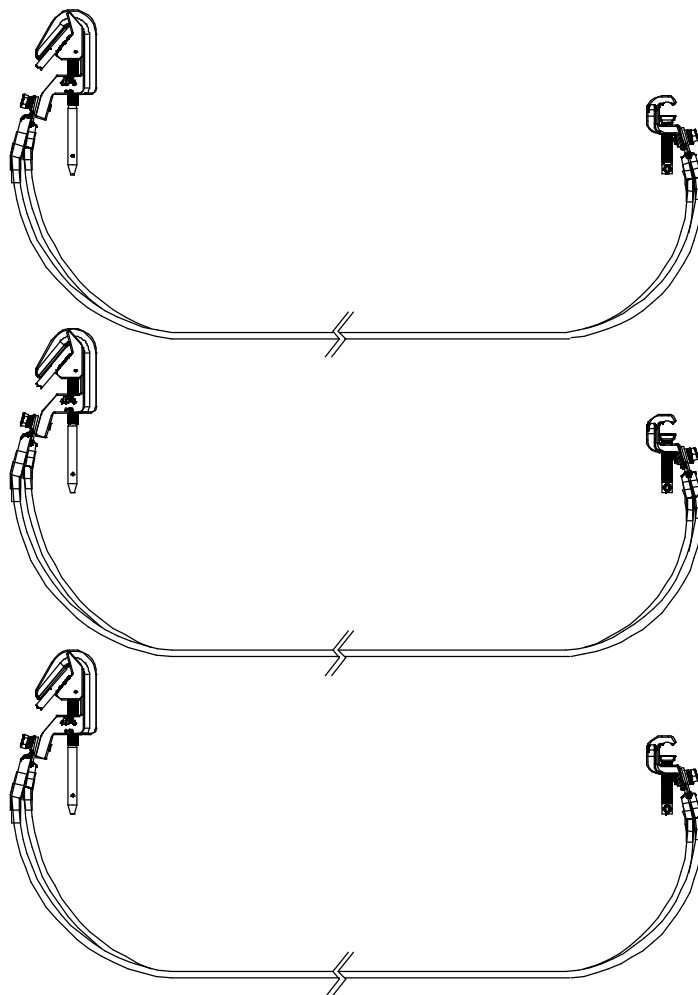
3 x 3 meters of 95mm²
yellow leads with one line
end clamp (178) and one
earthing clamp (414)



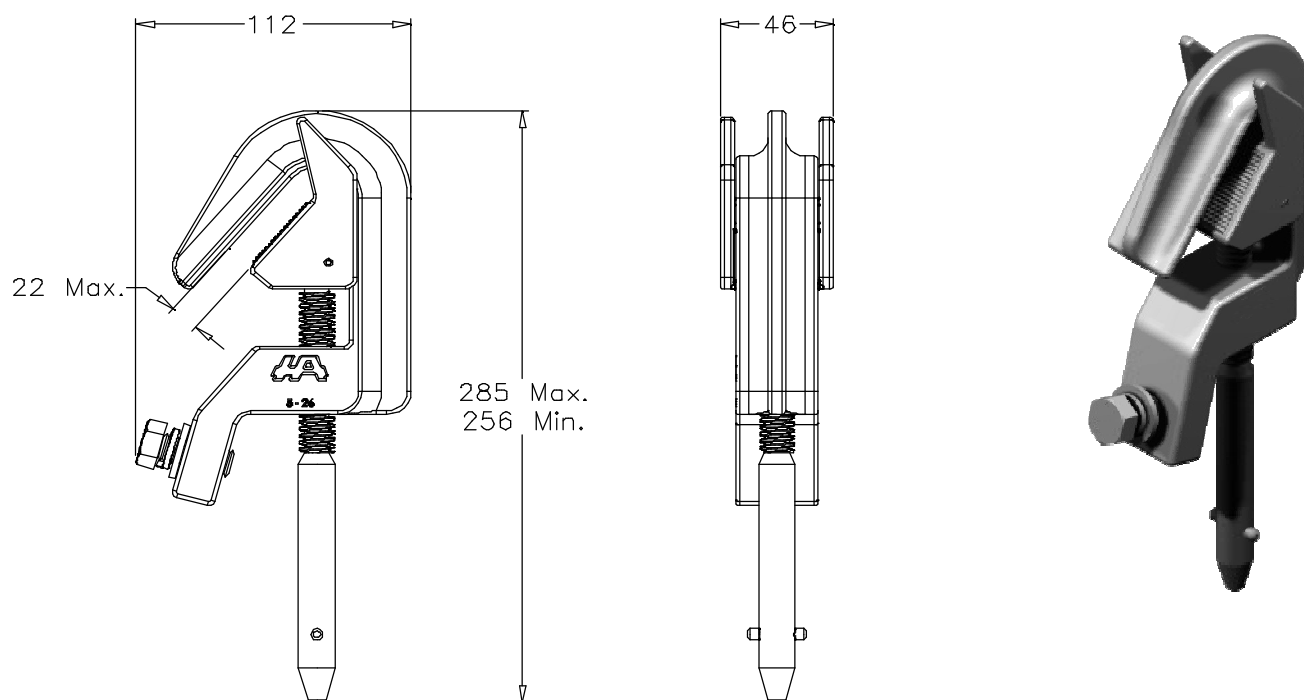
Eskom Safety Earthing Kit No. 2.b).3

Sub working earth 95mm² Yellow (30 kA / 1 sec)

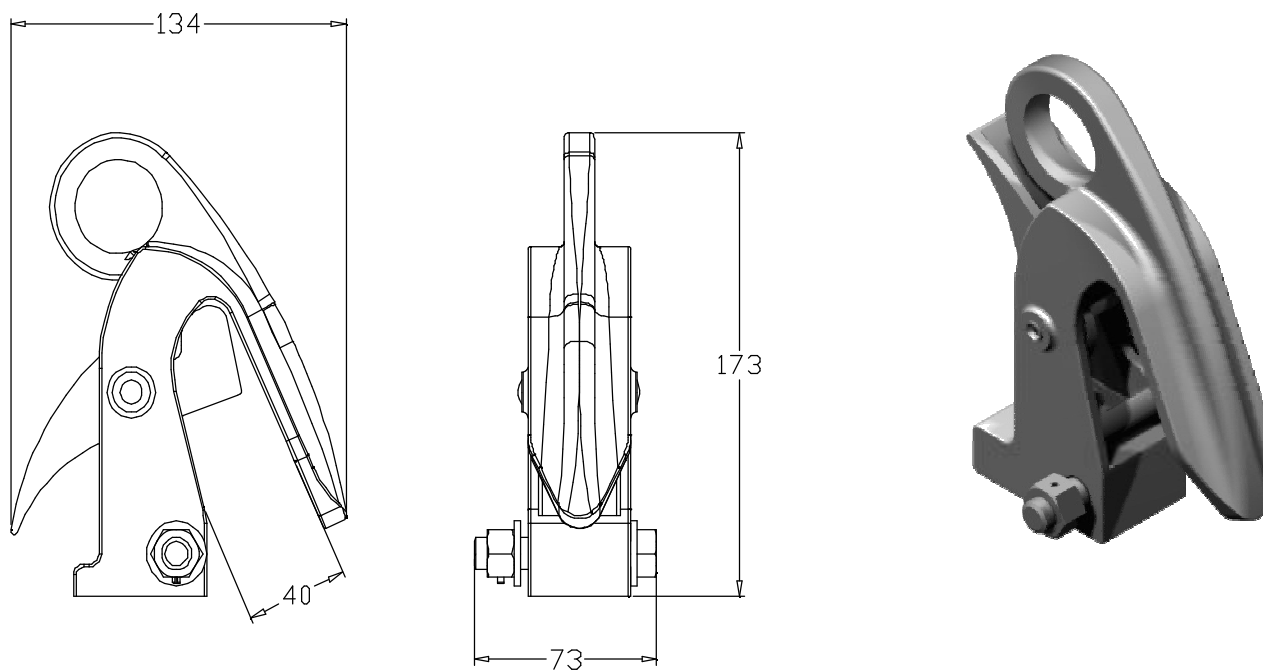
3 x 3 metre double leads made up
of 95mm² yellow leads with one
line end clamp (178) and one
earthing clamp (414)



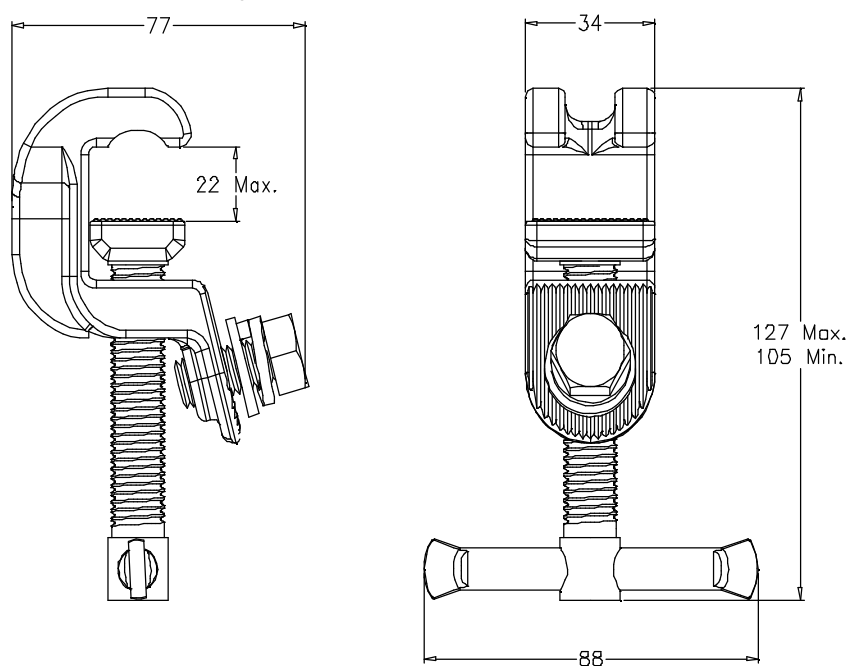
178 – Screw On Line End Clamp Ø 5-26mm



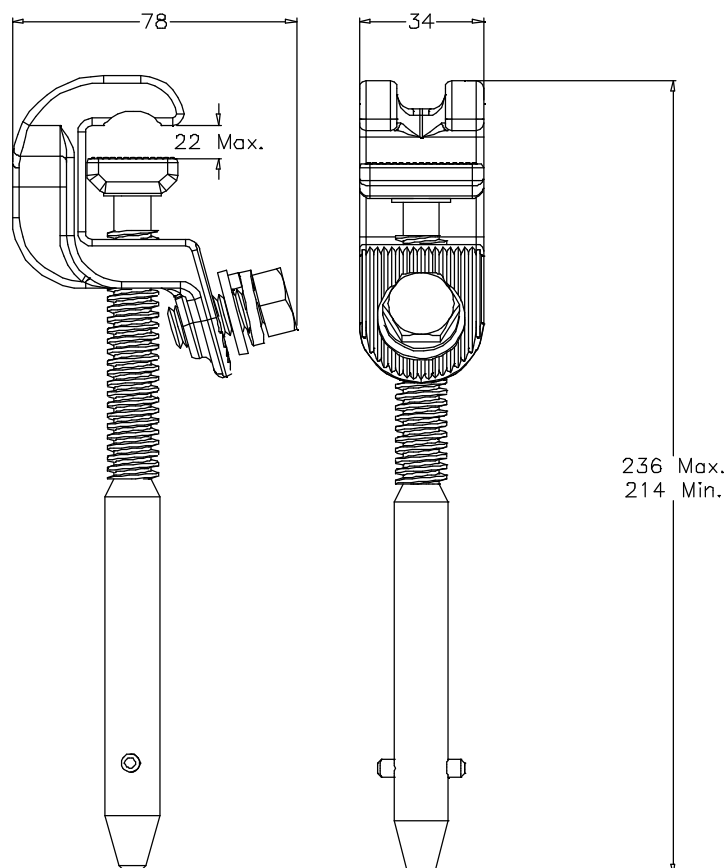
528 – Snap On Line End Clamp Ø 5-28mm



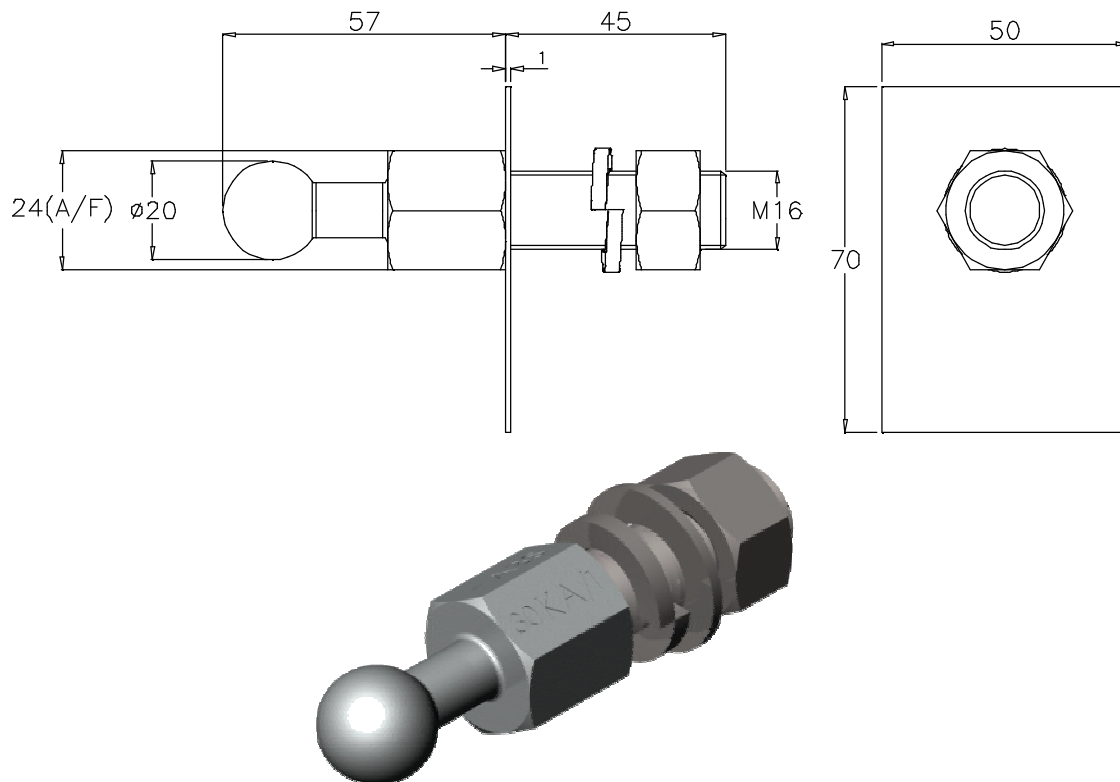
414 – Earth Clamp Ø 2-30mm with T-Bar Handle



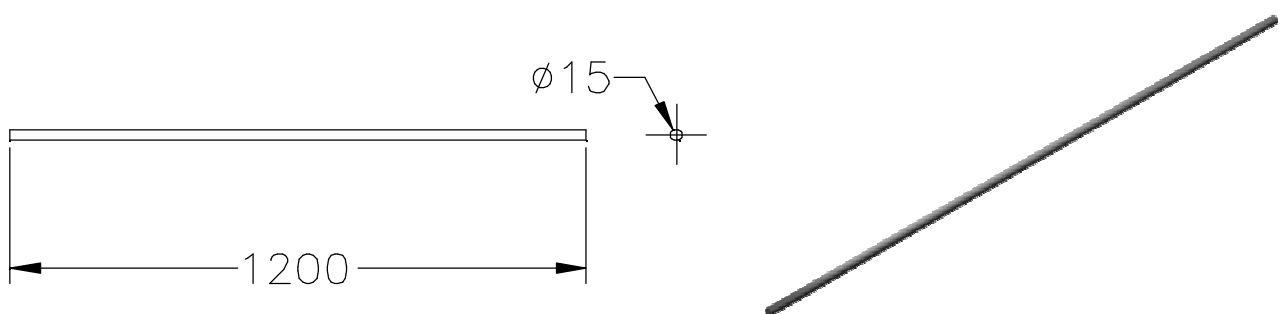
414D – Line End Clamp Ø 2-30mm D Type Spindle



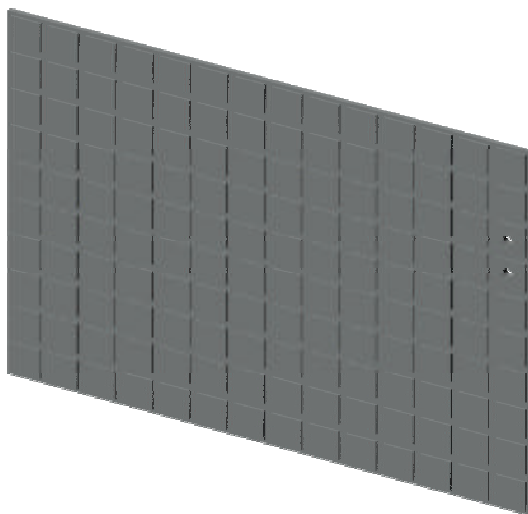
HABS-30 kA Copper Ball Stud Ø20mm



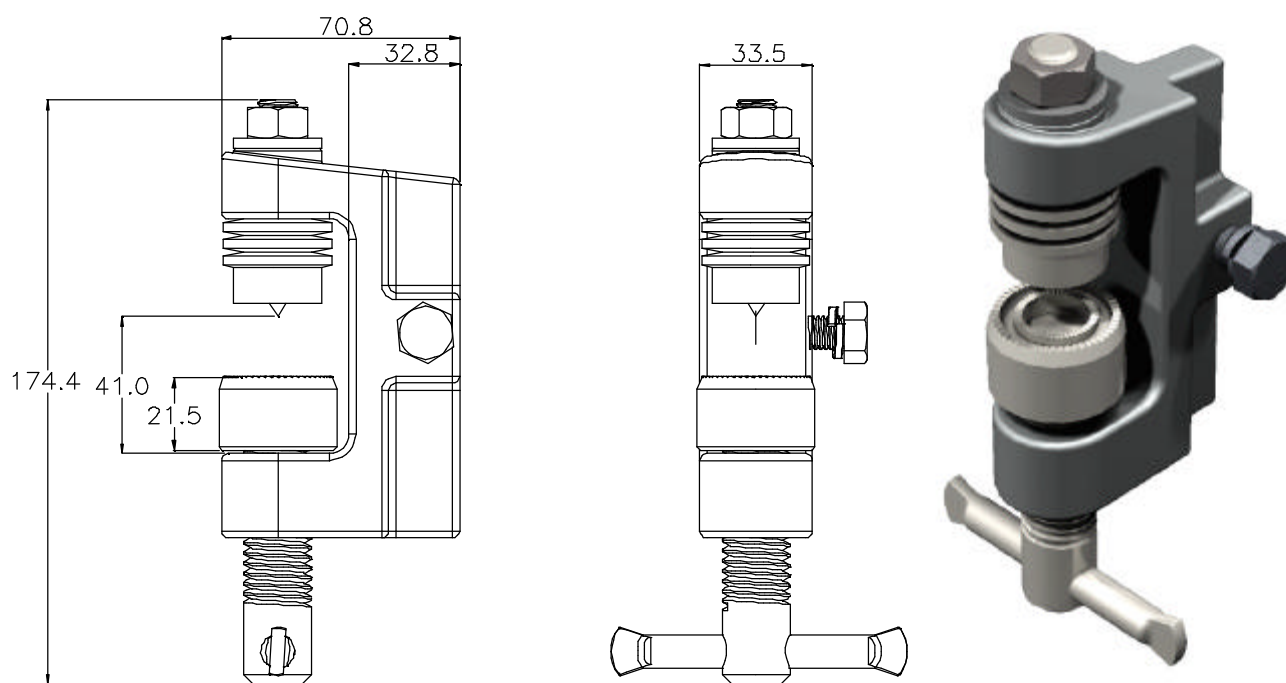
HAES120 – 1,2m Earthing Spike



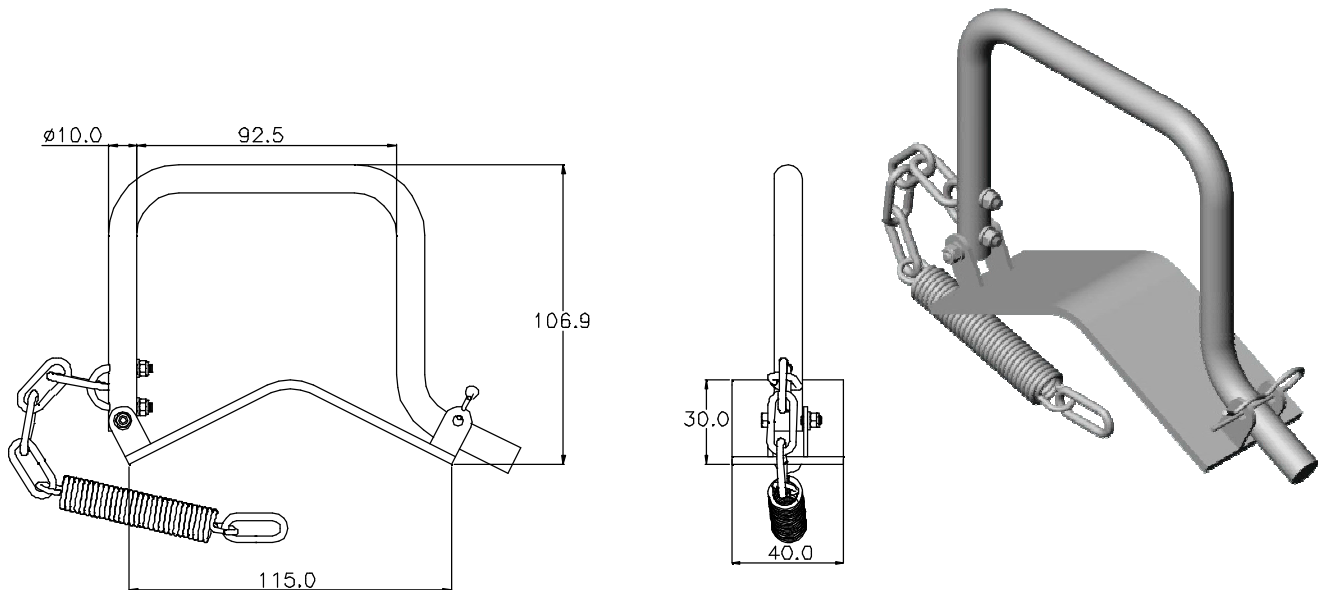
HAFP5070 – ALI Checker Footplate 500x700mm



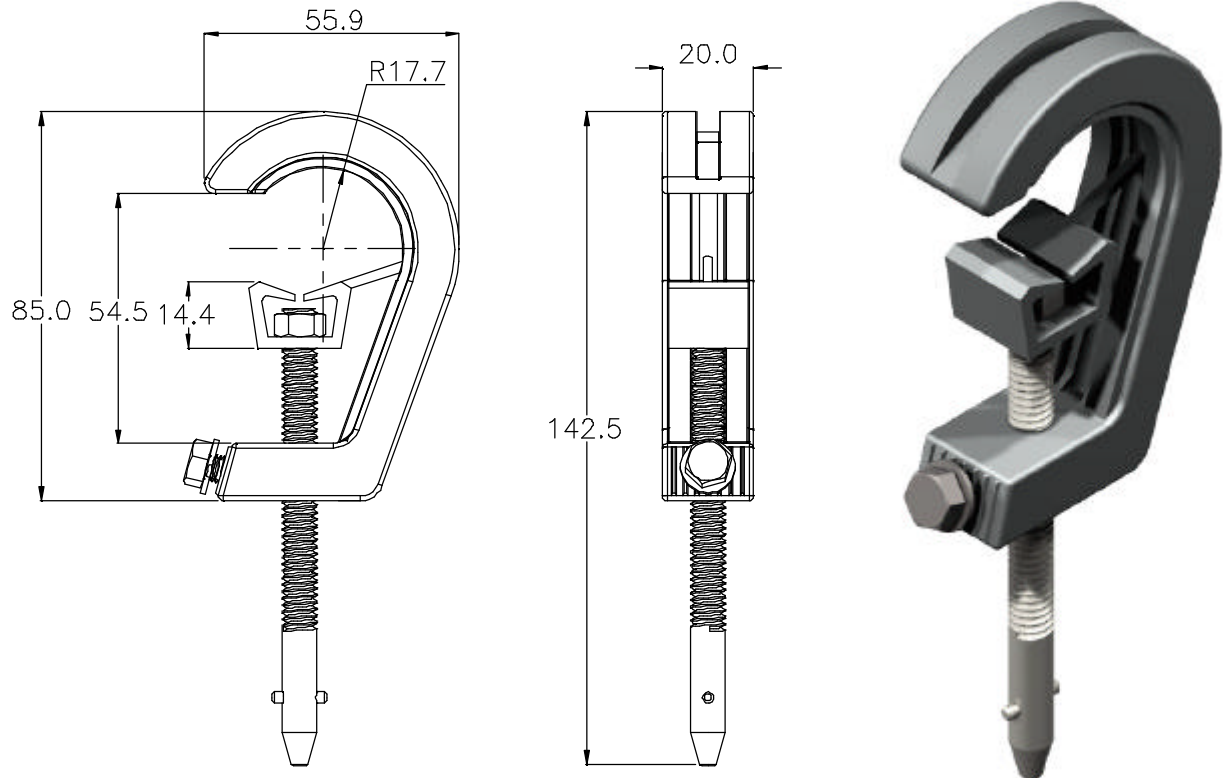
360 628 628 – Rail Clamp



HACB – Cluster Bar



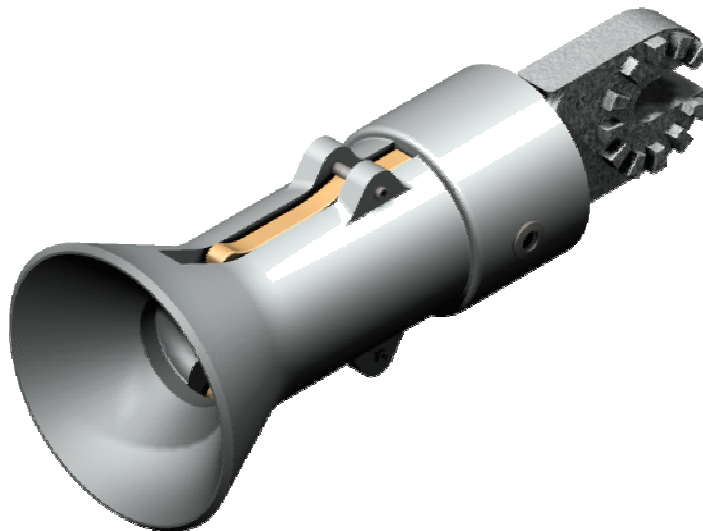
364 459 001 – Bus Bar Clamp Ø 0 – 85mm



363 179 179 L – Plastic Operating Head for D Spindle
363 179 179 ALI – Aluminium Operating Head For D Spindle



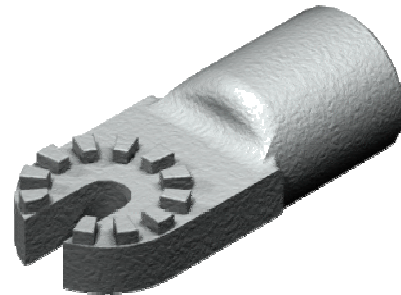
363 179 204 L – Plastic Operating Head With Adaptor For D Spindle
363 179 204 ALI – Aluminium Operating Head With Adaptor For D Spindle



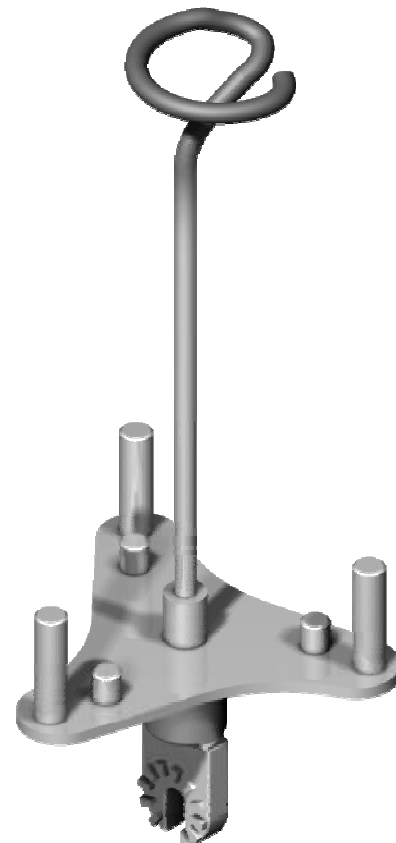
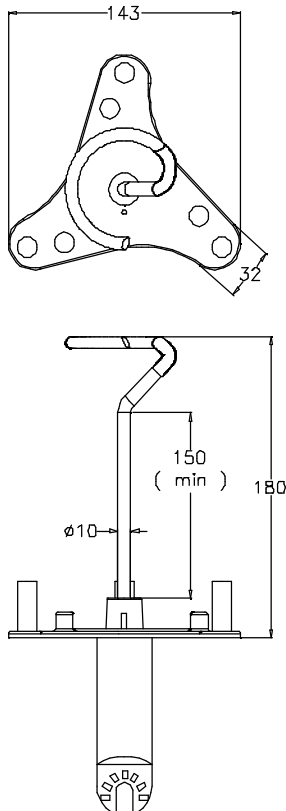
P201 –
Operating Head For B Spindle



P204 -
Adaptor Head for 179



HACH – Cluster Head For Snap On Clamps (528)



Safety Earth Clamp and Equipment Information

Part No.	Description	Range	Rating kA / 1 sec	Tested	Weight	Material
Safety Earth Clamps						
528	Snap on Line End Clamp	5-28mm	8	Yes *	0.58Kg	Ali
178	Screw on Line End Clamp	5-26mm	30	Yes *	0.485Kg	Ali
414	Earth Clamp 2-30mm with T-Bar	2-30mm	30	Yes*	T.B.A	Copper Alloy
414D	Earth Clamp 2-30mm with D Type Spindle	2-30mm	30	Yes*	T.B.A	Copper Alloy
5956	Diamond Head Earth Clamp		-	No	T.B.A	Ali
5957	Diamond Head Earth clamp and adaptor		-	No	8.75Kg	Ali
HABS	30 KA Copper Ball Stud	20mm	30	Yes*	0.24Kg	Copper Alloy
HAES120	1,2m Earthing Spike	15mm		No	T.B.A	Copper Plated
HAEP5070	500X700mm Checker Footplate	N/A	-	No	T.B.A	Ali
360 628 628	Rail Clamp	2-22mm	-	No	1.4Kg	
HACB	Cluster Bar	20mm	8	Yes*	T.B.A	Ali Plus
364 459 001	Bus Bar Clamp	0-85mm	30	No	T.B.A	Ali
Safety Earthing Equipment (Tested for compliance with IEC 1230 and Eskom spec SCSSCAAN3)						
363 179 179 L	Plastic Operating Head For Din Spindle				T.B.A	G.R.N.
363 179 179 ALI	Aluminium Operating Head For Din Spindle				T.B.A	ALI
363 179 204 L	Plastic Operating Head with Adaptor For D Spindle				0.24Kg	G.R.N.
363 179 204 ALI	Aluminium Operating Head With Adaptor For D Spindle				0.28Kg	ALI
P201	Operating Head For B Spindle				T.B.A	ALI
P204	Adaptor Head for 179				T.B.A	ALI
HACH	Cluster Head For Snap On Clamps				0.72Kg	Steel



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