


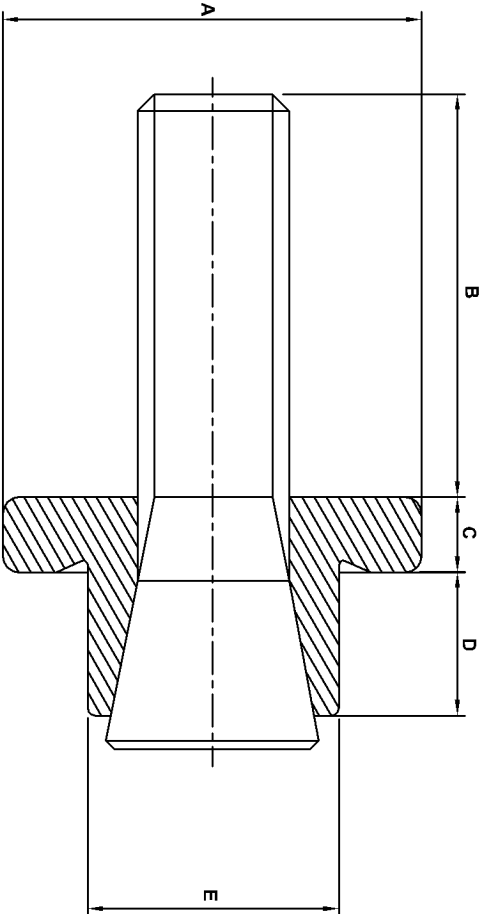


FOR USE WITH ALUMINIUM

B	8768	31/01/08
REV	DCO No.	DATE

MATERIAL	
FINISH	

<div></div> <div>GLENNAIR UK LTD. QUANTITY BUSINESS UNIT MANCHESTER AIRFIELD UNITED KINGDOM</div>	<div>THIS DOCUMENT CONTAINS INFORMATION OWNED BY GLENNAIR INTERNATIONAL LTD. OR DEVELOPED AT ITS OWN PRIVATE EXPENSE. IT IS NOT TO BE REPRODUCED OR IN ANY MANNER DISCLOSED IN WHOLE OR IN PART FOR DESIGN, MANUFACTURE OR PROCUREMENT PURPOSES WITHOUT THE WRITTEN PERMISSION OF GLENNAIR INT. LTD. BY RETURNING THE HOLDER AGREES THAT IT SHALL NOT BE USED IN ANY MANNER NOTIFIED HEREON.</div>	TITLE	EARTH BOSSES FOR USE WITH STEEL/STAINLESS STEEL AND ALUMINIUM (METRIC)									
		UNLESS STATED OTHERWISE THE POSITION OF ANY (BES) SIZE HOLES ARE SUBJECT TO THE FOLLOWING DIMENSIONAL TOLERANCES	<div><input checked="" type="checkbox"/> 0.20 <input type="checkbox"/> 0.06</div>									
		ALL DIMENSIONS RELATIVE TO DATUM ARE SUBJECT TO THE FOLLOWING DIMENSIONAL TOLERANCES	<div><input checked="" type="checkbox"/> 0.06</div>									
		TOLERANCES .XX = ± 0.13 .X = ± 0.05 X. = ± 0.08 HOLES = ± 0.02 ANGLES = ± 0.5°										
		DIMENSIONS										
		DRAWN BY	A.Jackson		DATE	07/09/06		PROJECTION	<div></div>			
		DESIGN APPR'	M.A.P.		DATE	31/01/08		DRAWING No.	MRP1572			
								DIS	5089	SHT	1	
								EPF		OF	4	
								REV			B	



FOR USE WITH STEEL AND STAINLESS STEEL PLATE

PART NUMBER	THREAD SIZE	A	B	C	D	E	HOLE SIZE	PLATE THICKNESS	TORQUE VALUE	SETTING TOOL	LONG STEPPED DRILL	SHORT STEPPED DRILL
80923-01	M6	16Ø	21(26)	4.5	4.5	11.5Ø	11.5/11.7	1.5-4mm	8Nm	PM16/PMTC6	OF E1150044	OF E1150018
80974-01	M6	16Ø	13(18)	4.5	4.5	11.5Ø	11.5/11.7	1.5-4mm	8Nm	PMTC6	OF E1150044	OF E1150018
80925-01	M6	16Ø	24(27)	3.5	11	8.5Ø	8.5/8.7	>4mm	8Nm	PM16/PMTC6	OF E0850032	OF E0850016
80975-01	M6	16Ø	16(19)	3.5	11	8.5Ø	8.5/8.7	>4mm	8Nm	PMTC6	OF E0850032	OF E0850016
81929-01	M8	20Ø	15(20)	4.5	4.5	15.0Ø	15.0/15.2	1.5-4mm	15Nm	PM18	OF E1500042	OF E1500018
81928-01	M8	20Ø	19(21)	3.5	11	11.5Ø	11.5/11.7	>4mm	15Nm	PM18	OF E1150044	OF E1150018
80924-01	M10	25Ø	24(31)	5.5	4.5	19.0Ø	19.0/19.2	2.4mm	34Nm	PM110	OF E1900051	OF E1900022
80926-01	M10	25Ø	28(31)	3.5	11	13.5Ø	13.5/13.7	>4mm	34Nm	PM110	OF E1350037	OF E1350019

FOR USE WITH ALUMINIUM PLATE

PART NUMBER	THREAD SIZE	A	B	C	D	E	HOLE SIZE	PLATE THICKNESS	TORQUE VALUE	SETTING TOOL	LONG STEPPED DRILL	SHORT STEPPED DRILL
80958-01	M6	16Ø	21(26)	4.5	4.5	11.5Ø	11.5/11.7	1.5-4mm	8Nm	PM16/PMTC6	OF E1150044	OF E1150018
80976-01	M6	16Ø	13(18)	4.5	4.5	11.5Ø	11.5/11.7	1.5-4mm	8Nm	PMTC6	OF E1150044	OF E1150018
80960-01	M6	16Ø	24(27)	3.5	11	10.5Ø	10.5/10.7	>4mm	8Nm	PM16/PMTC6	OF E1050041	OF E1050020
80977-01	M6	16Ø	16(19)	3.5	11	10.5Ø	10.5/10.7	>4mm	8Nm	PMTC6	OF E1050041	OF E1050020
81931-01	M8	20Ø	15(20)	5.5	4.5	15.0Ø	15.0/15.2	1.5-4mm	15Nm	PM18	OF E1500042	OF E1500018
81930-01	M8	20Ø	19(21)	3.5	11	13.5Ø	13.5/13.7	>4mm	15Nm	PM18	OF E1350037	OF E1350019
80959-01	M10	25Ø	24(31)	5.5	4.5	19.0Ø	19.0/19.2	2.4mm	34Nm	PM110	OF E1900051	OF E1900022
80961-01	M10	25Ø	28(31)	3.5	11	15.0Ø	15.0/15.2	>4mm	34Nm	PM110	OF E1500042	OF E1500018

MATERIAL

FINISH

TITLE

EARTH BOND STUDS FOR USE
WITH STEEL/STAINLESS STEEL
AND ALUMINIUM (METRIC)

UNLESS STATED OTHERWISE
THE POSITION OF ANY [BSC] SIZE HOLES
ARE SUBJECT TO THE FOLLOWING
GEOMETRIC TOLERANCES

☒ 0.20
☐ 0.08
ALL DIMENSIONS RELATIVE TO DATUM
ARE SUBJECT TO THE FOLLOWING
GEOMETRIC TOLERANCES

DIMENSIONS

DRAWN BY

DATE

PROJECTION

DIS

5089

SHT

2

B 8768 31/01/08
REV DCO No. DATE

REV 4

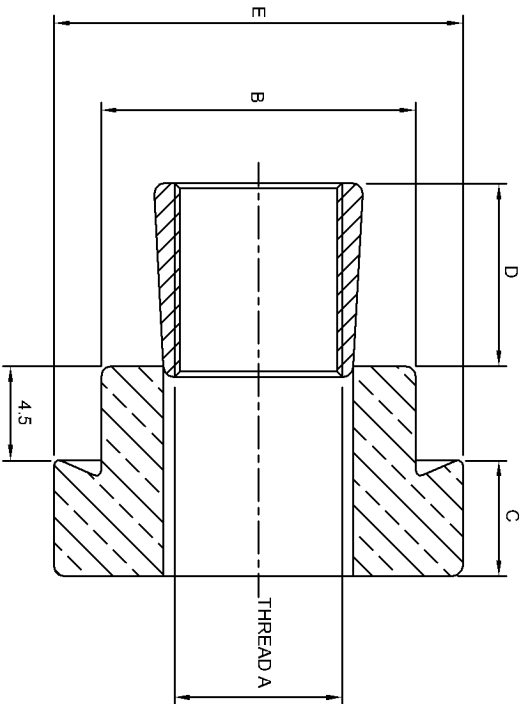


GLENNAIR UK LTD
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UNITED KINGDOM

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MRP1572

B



FOR USE WITH STEEL AND STAINLESS STEEL

PART NUMBER	THREAD SIZE A	B	C	D	E	HOLE SIZE	PLATE THICKNESS	TORQUE VALUE	SETTING TOOL	STEPPED DRILL
81985-01	1/4"UNC	7/16"	0.177"	0.252"	Ø0.630"	0.437"Ø.445"	0.059"-0.157"	70in-lbf	PMT/C1/4UNC	OFE07/16043
81991-01	3/8"UNC	3/4"	0.216"	0.362"	Ø0.984"	0.750"Ø.758"	0.078"-0.157"	300in-lbf	PMT/3/8UNC	OFE03/04051

FOR USE WITH ALUMINIUM

PART NUMBER	THREAD SIZE A	B	C	D	E	HOLE SIZE	PLATE THICKNESS	TORQUE VALUE	SETTING TOOL	STEPPED DRILL
81986-01	1/4"UNC	7/16"	0.177"	0.252"	Ø0.630"	0.437"Ø.445"	0.059"-0.157"	70in-lbf	PMT/C1/4UNC	OFE07/16043
81992-01	3/8"UNC	3/4"	0.216"	0.362"	Ø0.984"	0.750"Ø.758"	0.078"-0.157"	300in-lbf	PMT/3/8UNC	OFE03/04051

MATERIAL	
FINISH	



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TITLE
EARTH BOSSES FOR USE WITH
STEEL/STAINLESS STEEL
AND ALUMINIUM (IMPERIAL)

UNLESS STATED OTHERWISE
THE POSITION OF ANY [BSC] SIZE HOLES
ARE SUBJECT TO THE FOLLOWING
GEOMETRIC TOLERANCES
[Ø] ± 0.20
[Ø] ± 0.08
ALL DIMENSIONS RELATIVE TO DATUM
ARE SUBJECT TO THE FOLLOWING
GEOMETRIC TOLERANCES
[Ø] ± 0.08

TOLERANCES
XX ± ± 0.13
X ± ± 0.25
HOLES ± ± 0.08
ANGLES ± ± 0.5°

DIMENSIONS
mm.
SCALE
4 : 1

DRAWN BY
M.A.P.
DESIGN APPR
M.A.P.

DATE
31/01/08
DATE
31/01/08

PROJECTION
A3
DRAWING No.
MRP1572

DIS 5089
REV B
DATE 31/01/08
SHT 3
OF 4
REV B



PART NUMBER	THREAD SIZE	A	B	C	D	E	HOLE SIZE	PLATE THICKNESS	TORQUE VALUE	SETTING TOOL	STEPPED DRILL
81983-01	1/4"UNC	Ø0.630"	0.510"(0.700")	0.177"	0.177"	7/16"	0.437"Ø.445"	0.059"-0.157"	70in-lbf	PMTC1/4UNC	OFEO7/16043
81987-01	1/4"UNC	Ø0.630"	0.630"(0.748")	0.138"	0.433"	3/8"	0.375"Ø.383"	>0.157"	70in-lbf	PMTC1/4UNC	OFEO3/08037
81989-01	3/8"UNC	Ø0.984"	0.944"(1.220")	0.216"	0.177"	3/4"	0.750"Ø.758"	0.078"-0.157"	300in-lbf	PMTC3/8UNC	OFEO3/04051
81993-01	3/8"UNC	Ø0.984"	1.102"(1.220")	0.138"	0.433"	17/32"	0.531"Ø.539"	>0.157"	300in-lbf	PMTC3/8UNC	OFE1/732037

PART NUMBER	THREAD SIZE	A	B	C	D	E	HOLE SIZE	PLATE THICKNESS	TORQUE VALUE	SETTING TOOL	STEPPED DRILL
81984-01	1/4"UNC	Ø0.630"	0.510"(0.700")	0.177"	0.177"	7/16"	0.437"Ø.445"	0.059"-0.157"	70in-lbf	PMTC14UNC	OFE07/16043
81988-01	1/4"UNC	Ø0.630"	0.630"(0.748")	0.138"	0.433"	7/16"	0.437"Ø.445"	>0.157"	70in-lbf	PMTC14UNC	OFE07/16043
81990-01	3/8"UNC	Ø0.984"	0.944"(1.220")	0.216"	0.177"	3/4"	0.750"Ø.758"	0.078"-0.157"	300in-lbf	PMTC38UNC	OFE03/04051
81994-01	3/8"UNC	Ø0.984"	1.102"(1.220")	0.138"	0.433"	19/32"	0.584"Ø.602"	>0.157"	300in-lbf	PMTC38UNC	OFE19/32042

B	8768	31/01/08
REV	DCO No.	DATE

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UNLESS STATED OTHERWISE

THE POSITION OF ANY BASIC SIZE HOLDS
ARE SUBJECT TO THE FOLLOWING:
GEOMETRIC TOLERANCES

ALL DIMENSIONS RELATIVE TO DATUM

ARE SUBJECT TO THE FOLLOWING
GEOMETRIC TOLERANCES

$\varnothing \pm 0.20$

$\varnothing 0.06$

DIMENSIONS	mm.
SCALE	NTS

DATE	31/01/08
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DIS	50
EPF	

1572

3	4	4
OF	4	4
REV		B

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