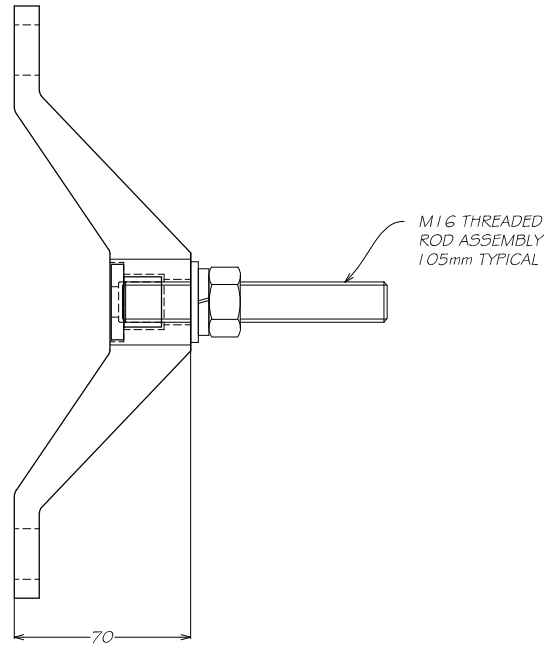


19.5 x M10 SLOT BUSH
(FOR M10 SCREWS ONLY)

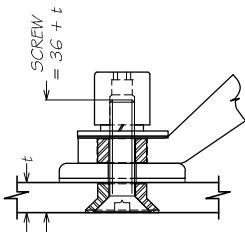
19.5 x M14 BUSH FOR
SWIVEL HEAD



1
446-2 SPIDER
MASTER COPY
SCALE: 1:3

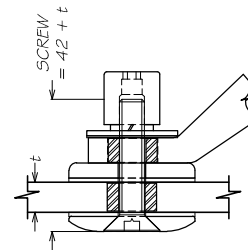
2 TYPICAL FIXING OPTIONS
SCALE: NTS

M10 CSK SCREW



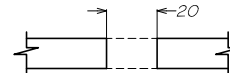
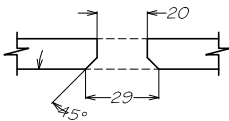
- M10 AGA NUT
- M10 SPRING WASHER
- 30 x 2 x M10 FLAT WASHER
- 30 x 0.8 x M10 FIBRE GASKET
- 19.5 x 10.5 x 9.5 BUSH FOR SPIDER PALM
- 446 SPIDER PALM
- 50 x 6mm DISC
- 50 x 10.5 x 0.8 FIBRE GASKET
- M10 CSK BUSH, TO SUIT GLASS THICKNESS

M10 CSK SCREW - WITH RA DISC



- M10 AGA NUT
- M10 SPRING WASHER
- 30 x 2 x M10 FLAT WASHER
- 30 x 0.8 x M10 FIBRE GASKET
- 19.5 x 10.5 x 9.5 BUSH FOR SPIDER PALM
- 446 SPIDER PALM
- 50 x 6mm DISC
- 50 x 10.5 x 0.8 FIBRE GASKET
- 19.5 x 10.5 BUSH, TO SUIT GLASS THICKNESS
- 50 x 10.5 x 0.8 FIBRE GASKET
- 50 x 6 x M10 RA DISC

HOLE DETAILS FOR TOUGHENED GLASS



HOLE DETAILS FOR TOUGHENED LAMINATED GLASS
(THESE ARE PROJECT SPECIFIC. REFER TO MFG FOR DETAILS)

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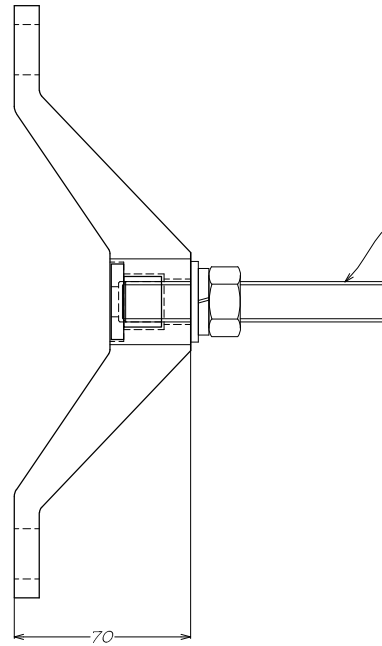
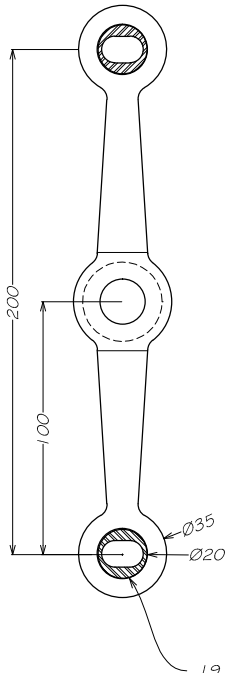
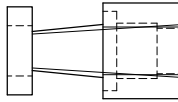
METRO FRAMELESS GLASS SYSTEMS
Unit 0/35 Maurice Road, Penrose, Auckland
PO Box 112 186, Penrose, Auckland
P: +64 9 622 2643
F: +64 9 622 2648
www.metroglasstech.co.nz

446 SPIDER SERIES
CATALOGUE DRAWING
446-2
WITH SCREW FIXINGS

Architect: -
Contractor: -

JLS:	REV	ISSUED	OWN BY	CHKD	DESCRIPTION
JLS:	A	02/05/14	RS	WF	ISSUED FOR CATALOGUE
Scale:	1:3	-	-	-	-
Draw No.:	01	-	-	-	-

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M16 THREADED
ROD ASSEMBLY
105mm TYPICAL

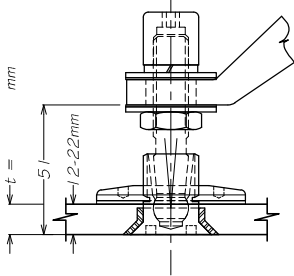
19.5 x M10 SLOT BUSH
(FOR M10 SCREWS ONLY)

19.5 x M14 BUSH FOR
SWIVEL HEAD

1
446-2 SPIDER
MASTER COPY
SCALE: 1:3

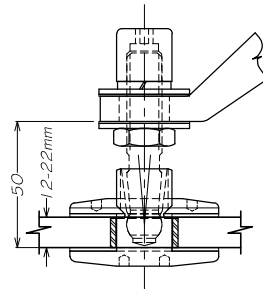
2
TYPICAL FIXING OPTIONS
CONTINUED
SCALE: NTS

32/22-22n SWIVEL



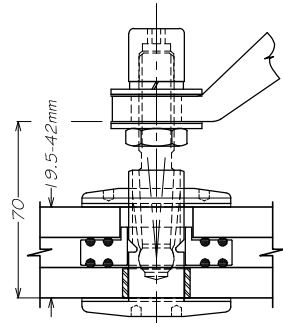
- M14 AGA NUT
- M14 SPRING WASHER
- 35 x 2 x M14 FLAT WASHER
- 35 x 0.8 x M14 FIBRE GASKET
- 19.5 x 14.5 x 9.5 BUSH FOR SPIDER PALM
- 446 SPIDER PALM
- 35 x 0.8 x M14 FIBRE GASKET
- 35 x 2 x M14 FLAT WASHER
- M14 NUT
- 32/22/22n SPIDER FITTING, INCLUDES BUSH TO SUIT GLASS THICKNESS

60/22-22n SWIVEL



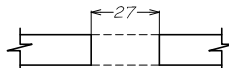
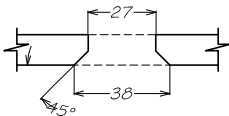
- M14 AGA NUT
- M14 SPRING WASHER
- 35 x 2 x M14 FLAT WASHER
- 35 x 0.8 x M14 FIBRE GASKET
- 19.5 x 14.5 x 9.5 BUSH FOR SPIDER PALM
- 446 SPIDER PALM
- 35 x 0.8 x M14 FIBRE GASKET
- 35 x 2 x M14 FLAT WASHER
- M14 NUT
- 60/22/22n SPIDER FITTING, INCLUDES BUSH TO SUIT GLASS THICKNESS

60/22-42n SWIVEL



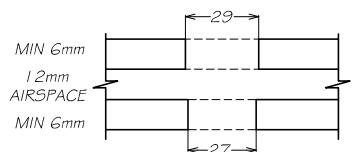
- M14 AGA NUT
- M14 SPRING WASHER
- 35 x 2 x M14 FLAT WASHER
- 35 x 0.8 x M14 FIBRE GASKET
- 19.5 x 14.5 x 9.5 BUSH FOR SPIDER PALM
- 446 SPIDER PALM
- 35 x 0.8 x M14 FIBRE GASKET
- 35 x 2 x M14 FLAT WASHER
- M14 NUT
- 60/22/42n SPIDER FITTING, INCLUDES BUSH TO SUIT GLASS THICKNESS
- IGU SPACER - 60 x 12mm DISC/ 60 x 1/2" DISC

HOLE DETAILS FOR TOUGHENED GLASS



HOLE DETAILS FOR TOUGHENED LAMINATED GLASS
(THESE ARE PROJECT SPECIFIC. REFER TO MFG FOR DETAILS)

HOLE DETAILS FOR INSULATED GLASS



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www.metroglasstech.co.nz

446 SPIDER SERIES
CATALOGUE DRAWING
446-2
WITH SWIVEL FIXINGS

Architect: -
Contractor: -

REV	ISSUED	OWN BY	CHKD	DESCRIPTION	
1	A	0205/14	RS	WF	ISSUED FOR CATALOGUE
Scale:	1:3				
Dwg No.:	01				

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