Interal T.C.

CIRCLES

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The manufacturing of circles is one of the specialities of Interal T.C. Single tubes, flat, triangle, square, rectangular and elliptical circles. Whatever the required shape, dimension or type, we can supply them. We offer two different lines for maximum interchangeability, the Protruss range and the Intertruss range.

Interal is a Dutch producer of aluminium truss systems. We manufacture trusses: ladder trusses, triangular, square, circular and elliptical trusses and all kinds of special truss designs. All our trusses are available in a range of sizes: 20/20, 30/30, 30/40, 40/40 or 40/60 and tube thicknesses: 32x1.5, 50x2, 48x3, 50x3 or 50 x 4.

A complete circle is always delivered in parts. You will find a list of standard possibilities with regard to dimensions and the number of parts in this brochure. For the number of parts we always advice our customers a multiple of four, so the possibilities in use of the circle is increased .

We advise our customers to not make the bent parts longer than 3.5 meters.

The number of parts can be increased or decreased on request of the customer as far as this is technically possible. It is also possible to buy a part of a circle.

Interal T.C. circles are always manufactured with great accuracy. This makes it possible to fit a part at any place of the whole. Parts of different circles that have the same size can be interchanged. This enables problem-free replacement of a defective part.

For loading figures check: www.trusscalculator.eu

TECHNICAL SPECIFICATIONS CIRCLES	
TYPE	F = LADDER T = TRIANGLE S = SQUARE R = RECTANGLE
ALLOY	EN-AW 6060 T6
TUBE	*20 Ø 32 X 1,5 MM *30 Ø 50 X 2 MM *31 Ø 48 X 3 MM *40 Ø 50 X 2 MM *41 Ø 48 X 3 MM *36 Ø 50 X 4 MM *50 Ø 50 X 4 MM *32/33/34 Ø 50 X 2 MM / 50 X 3 MM (HD) *42/43/44 Ø 50 X 2 MM / 50 X 3 MM (HD)
BRACE	*20 Ø 10 X 1 MM *30 Ø 16 X 2 MM *31 Ø 16 X 2 MM *40 Ø 20 X 2 MM *41 Ø 20 X 2 MM *36 Ø 25 X 3 MM *50 Ø 30 X 3 MM *32/33/34 Ø 20 X 2 MM *42/43/44 Ø 25 X 2 MM
CONNECTION	ALU. CONNECTION PIECE WITH SPIGOT AND R-SPRING

CIRCLES

TUBE

FLAT UP

FLAT DOWN

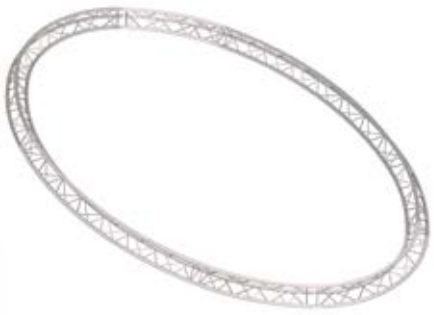
TRIANGLE UP

TRIANGLE IN

TRIANGLE OUT

SQUARE

RECTANGLE



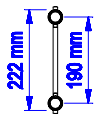
ELLIPSE

CIRCLES

CIRCLE POSSIBILITIES * = Number of pieces recommended Different sizes are available on request

Diameter (m)	*	TU502	TU483	F20	T20	S20	F30	T30	T31	S30	S31	F40	T40	T41	S40	S41	P36R	P36S	P50
1,00	1	☒	☒																
1,50	1	☒																	
2,00	4	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒			
2,50	4	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒			
3,00	4	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒			
3,50	4	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒			
400	4	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
450	4	☒	☒		☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
500	8	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
550	8	☒	☒		☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
600	8	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
650	8	☒	☒		☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
700	8	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
750	8	☒	☒		☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
800	8	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
850	8	☒	☒		☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
900	8	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
950	8	☒	☒		☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1000	8	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1100	12				☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1200	12				☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1250	12				☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1300	12				☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1400	12				☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1500	16				☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1600	16						☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1700	16						☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1800	16						☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
1900	16						☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
2000	16						☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
2100	20								☒	☒	☒			☒		☒	☒	☒	☒
2200	20								☒	☒	☒			☒		☒	☒	☒	☒
2300	20								☒	☒	☒			☒		☒	☒	☒	☒
2400	20								☒	☒	☒			☒		☒	☒	☒	☒
2500	24								☒	☒	☒			☒		☒	☒	☒	☒
2600	24								☒	☒	☒			☒		☒	☒	☒	☒
2700	24								☒	☒	☒			☒		☒	☒	☒	☒
2800	24								☒	☒	☒			☒		☒	☒	☒	☒
2900	24								☒	☒	☒			☒		☒	☒	☒	☒
3000	32								☒										

☒ NUMBER OF PIECES RECOMMENDED.
DIFFERENT SIZES ARE AVAILABLE ON REQUEST



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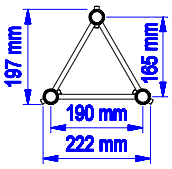

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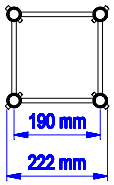

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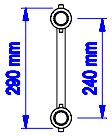

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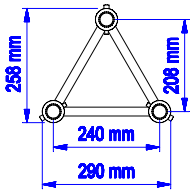

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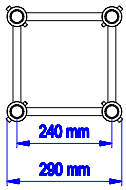

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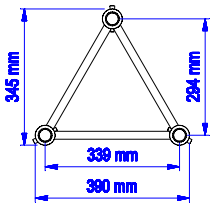

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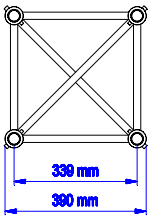

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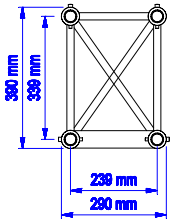

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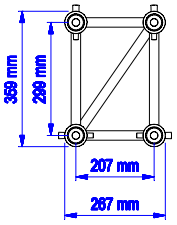

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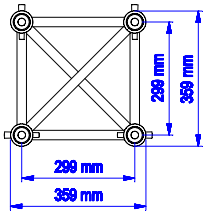

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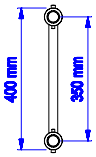

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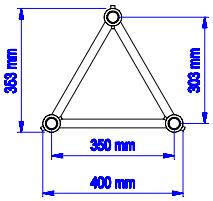

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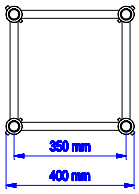

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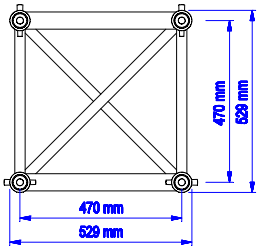

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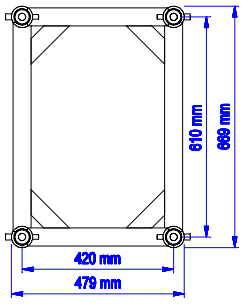

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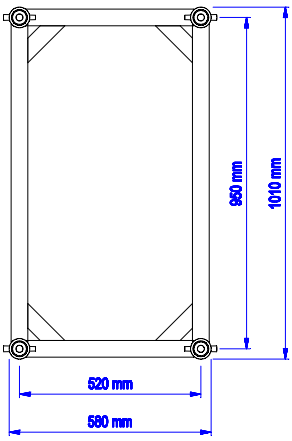

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