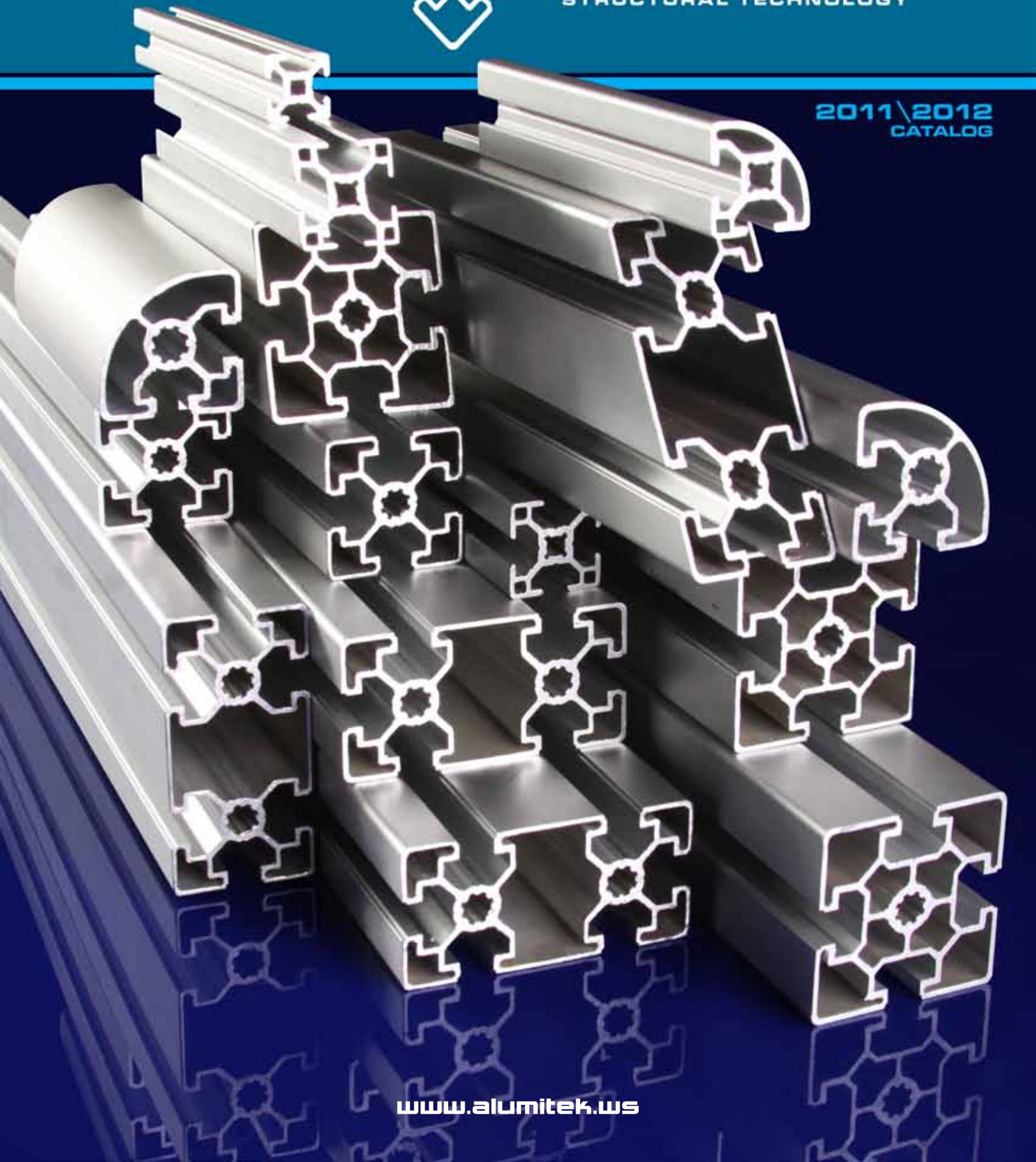
Alumitek®

STRUCTURAL TECHNOLOGY

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CATALOG



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Alumitek®
STRUCTURAL TECHNOLOGY

QUALITY POLICY

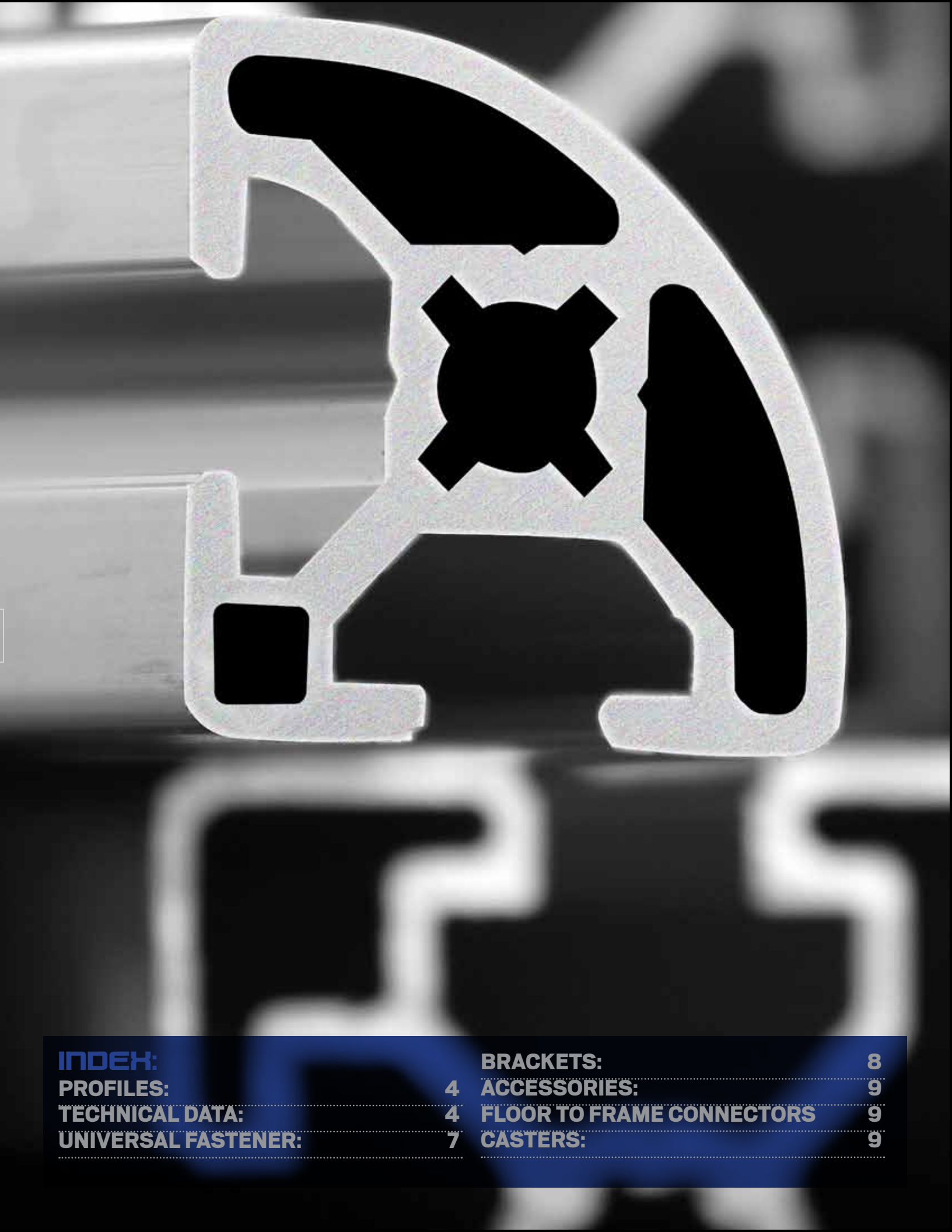
Alumitek designs, manufactures and distributes high quality supplies for structural engineering, securing by these means, being the best provider selected by the customers according to their needs and requirements. The total satisfaction of each customer deserves our highest commitment, and turns their expectations into our number one priority.

MISSION:

Alumitek offers an innovative experience in industrial supplies by providing essential elements such as: high-quality products, the optimal solution on all given requirements, a personalized and professional service, the fastest response as well as an efficient delivery time, and of course, and the lowest cost.

VISION:

To be the leading company in the design of structural technologies, exceeding the expectations of our clients and competitors, developing engineering through continuous improvement in processes, products and services. Alumitek aims to be customer's natural provider due to this company's high quality standards.



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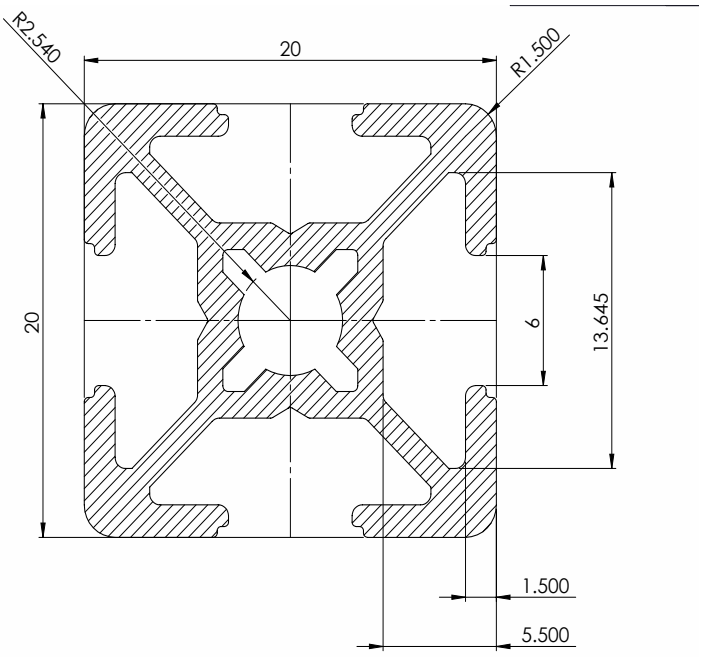


TECHNICAL DATA

PROFILES:

WITH THE OBJECTIVE TO SATISFY ALL KINDS OF REQUIREMENTS, WE SUPPLY A WIDE RANGE OF PROFILES' SIZES FOR COUNTLESS APPLICATIONS AND FOR ALL KINDS OF LOADS.

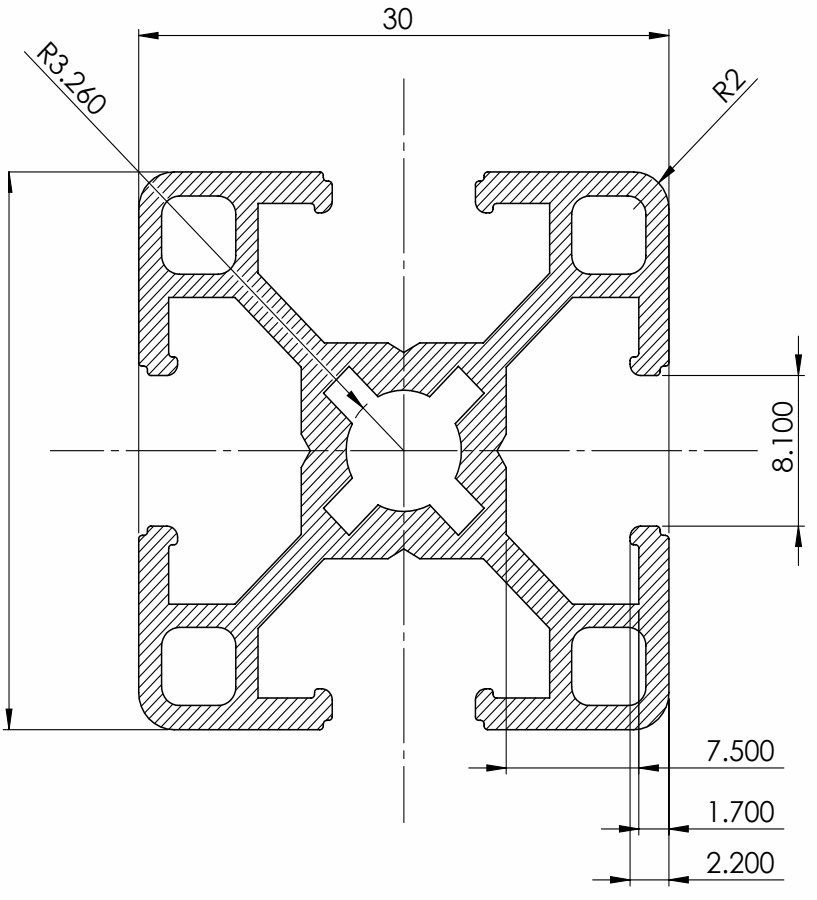




PROFILE 20 X 20

PART NUMBER	777-2020
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	.40 KGS/ MT
STOCK LENGHT	3.00 MTS
PERIMETER	13.24 cm
AREA	1.496 cm²
CIRCLE	22.243 mm
MOMENT OF INERTIA	IX: 0.620 cm⁴
	IY: 0.620 cm⁴
MASS:	0.180 kg





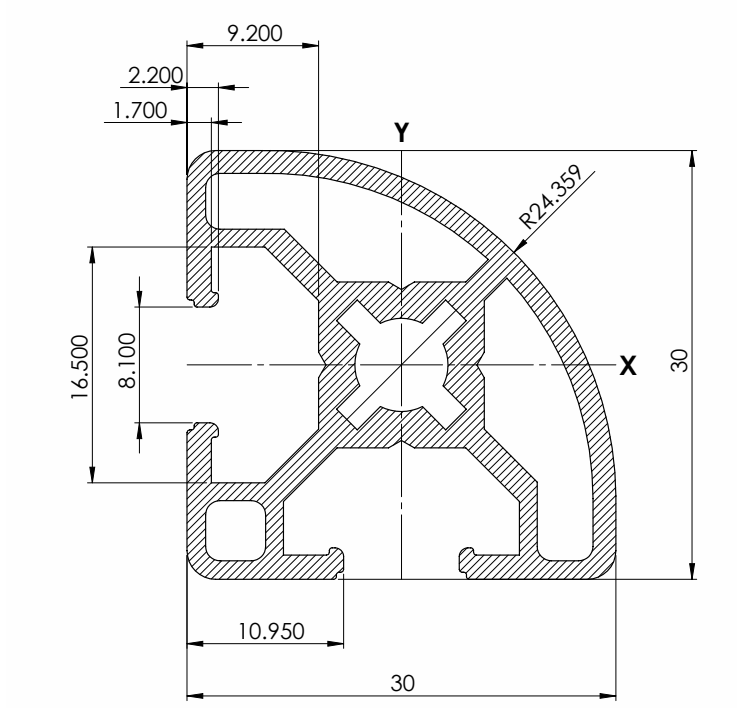
PROFILE 30 X 30

PART NUMBER	777-3030
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	.774 KGS/ MT
STOCK LENGHT	6.10 MTS
PERIMETER	23.61 cm
AREA	2.837 cm²
CIRCLE	40.767 mm
MOMENT OF INERTIA	Ix: 2.837 cm⁴
	Iy: 2.837 cm⁴
MASS:	0.324 Kg



PROFILE 30 X 30 R

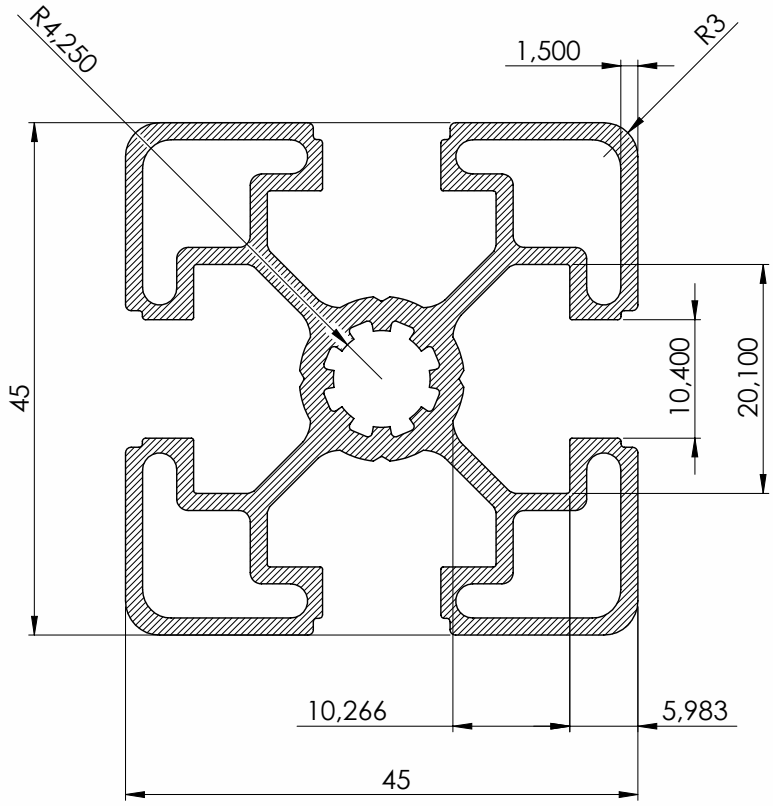
PART NUMBER	777-30R
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	1.425 KGS/ MT
STOCK LENGHT	6.10 MTS
PERIMETER	35.37 cm
AREA	2.694 cm²
CIRCLE	40.767 mm
MOMENT OF INERTIA	Ix: 1.712 cm⁴
	Iy: 2.524 cm⁴
MASS:	0.324 Kg

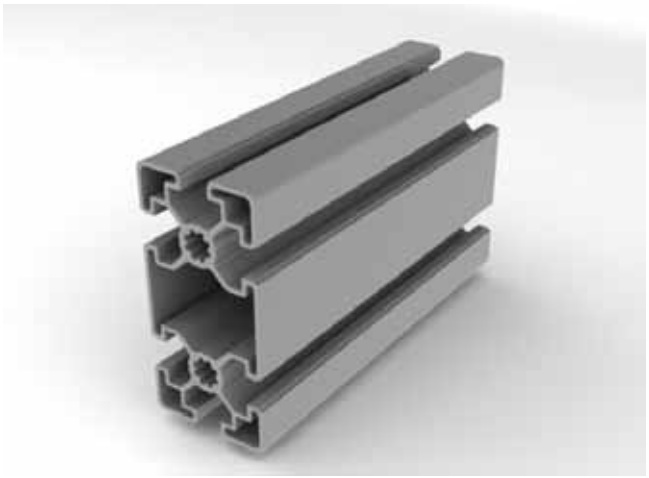




PROFILE 45 X 45

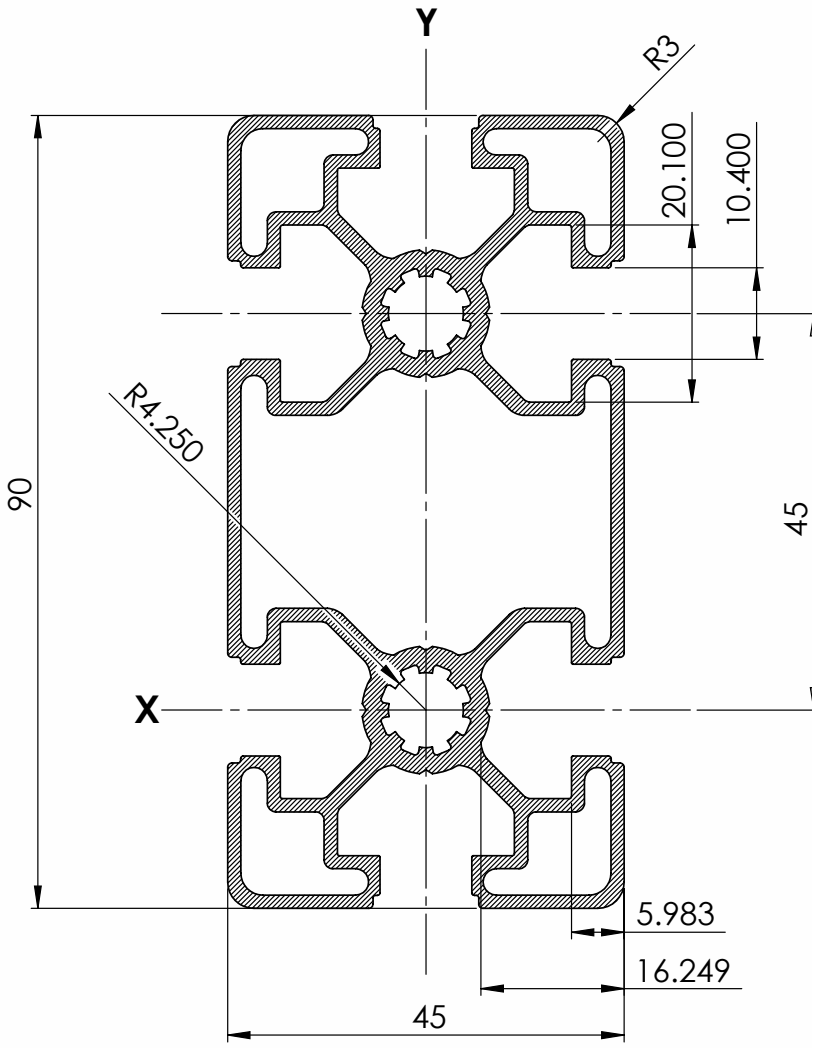
PART NUMBER	777-4545
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	1.425 KGS/ MT
STOCK LENGHT	6.10 MTS
PERIMETER	35.37 cm
AREA	5.223 cm²
CIRCLE	61.1632 mm
MOMENT OF INERTIA	Ix: 10.125 cm⁴
	Iy: 10.125 cm⁴
MASS:	0.629 Kg





PROFILE 45 X 90

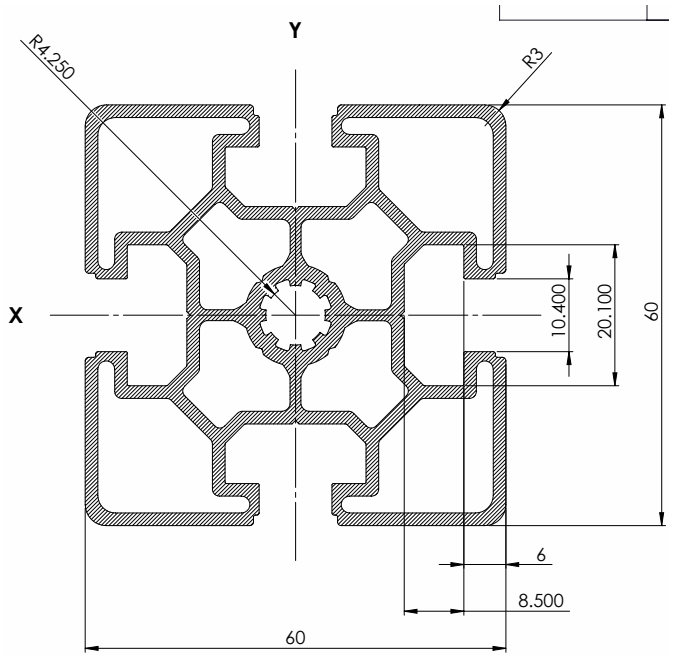
PART NUMBER	777-4590
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	2.389 KGS/ MT
STOCK LENGHT	6.10 MTS
PERIMETER	53.32 cm
AREA	8.754 cm2
CIRCLE	98.6028 mm
MOMENT OF INERTIA	Ix: 18.108 cm4
	Iy: 72.911 cm4
MASS:	1.054 Kg



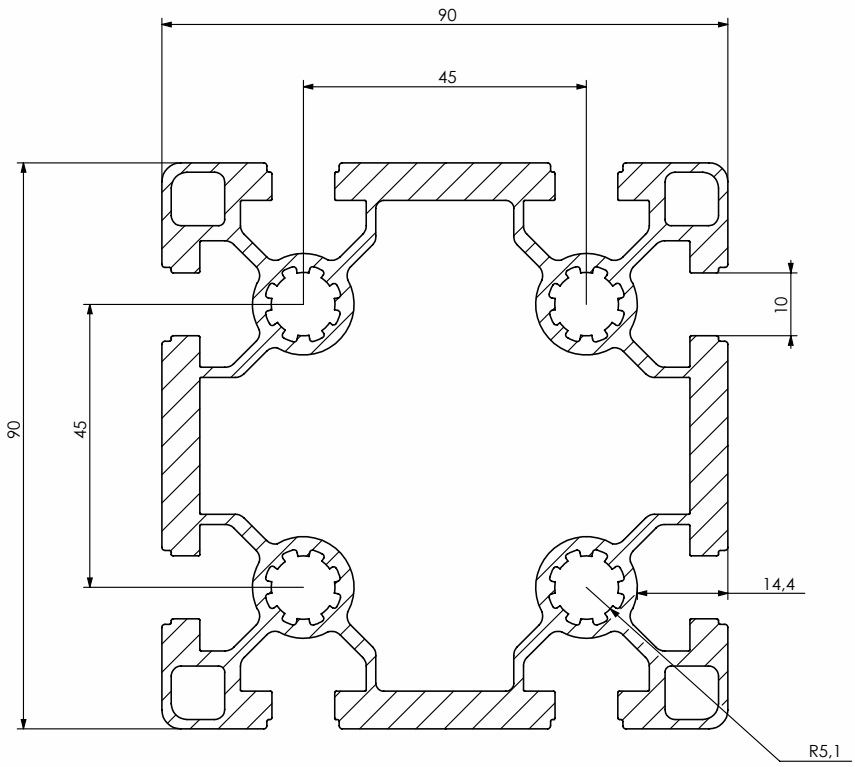


PROFILE 60 X 60

PART NUMBER	777-6060
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	2.389 KGS/ MT
STOCK LENGHT	6.10 MTS
PERIMETER	53.32 cm
AREA	9.199 cm2
CIRCLE	98.6028 mm
MOMENT OF INERTIA	Ix: 30.790 cm4
	Iy: 30.790 cm4
MASS:	1.108 Kg



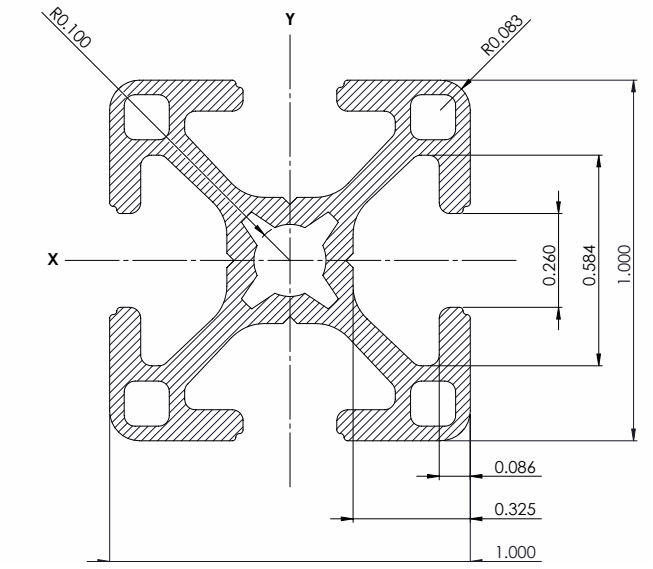




PROFILE 90 X 90

PART NUMBER	777-9090
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	6.3 KGS/ MT
STOCK LENGHT	3.5 MTS
PERIMETER	
AREA	19.74 cm²
CIRCLE	
MOMENT OF INERTIA	Ix: 187.67 cm⁴
	Iy: 190.04 cm⁴
MASS:	30 Kg

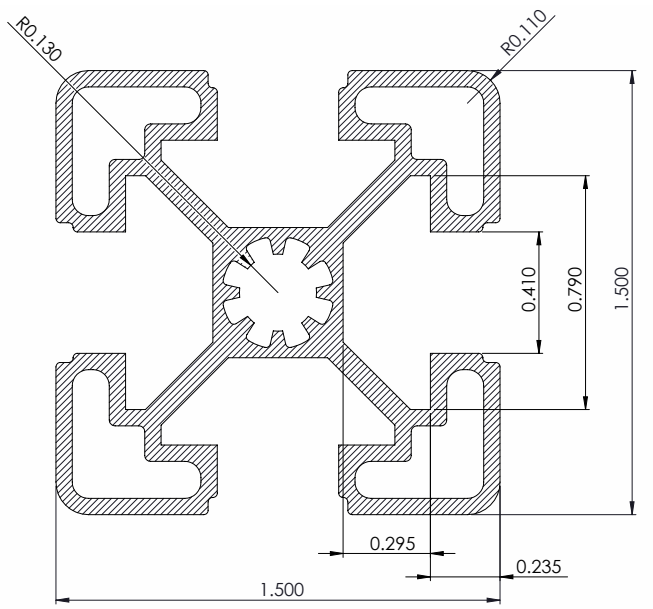




PROFILE 1" X 1"

PART NUMBER	777-1010E
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	2.389 KGS/ MT
STOCK LENGHT	6.10 MTS
PERIMETER	53.32 cm
AREA	0.356 in2
CIRCLE	98.6028 mm
MOMENT OF INERTIA	Ix: 0.036 in⁴
	Iy: 0.036 in⁴
MASS:	0.609 pounds

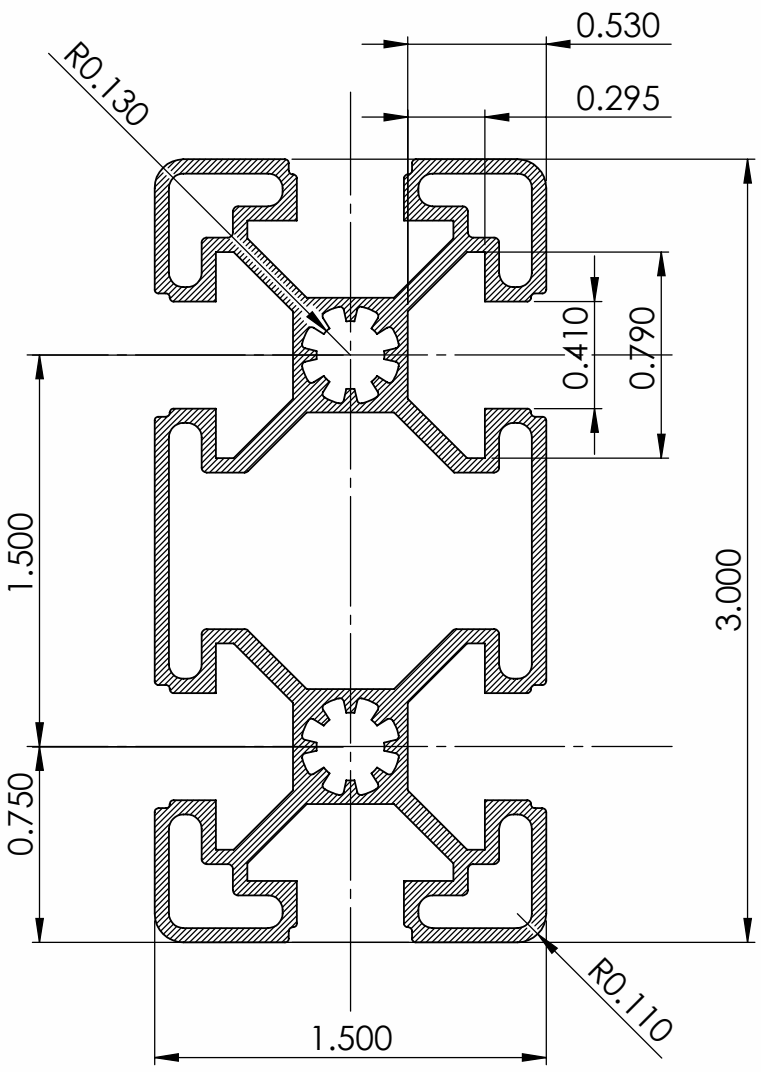




PROFILE 1.5" X 1.5"

PART NUMBER	777-1515E
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	2.389 KGS/ MT
STOCK LENGHT	6.10 MTS
PERIMETER	53.32 cm
AREA	0.606 in^2
CIRCLE	98.6028 mm
MOMENT OF INERTIA	Ix: 0.134 in^4
	Iy: 0.134 in^4
MASS:	1.037 pounds

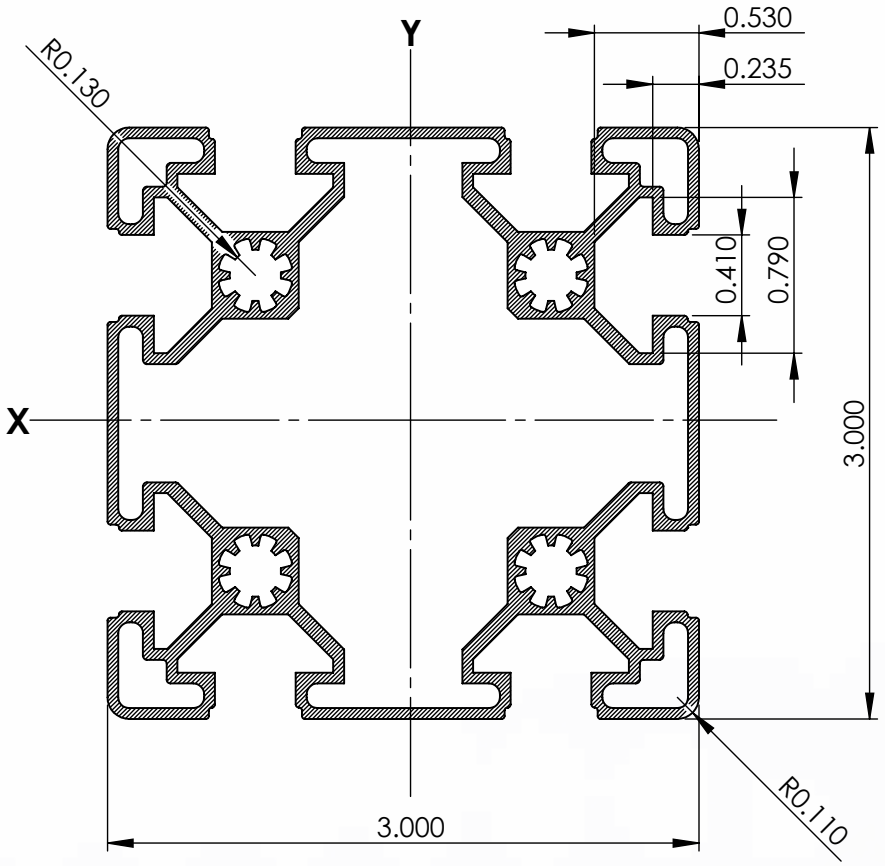




PROFILE 1.5" X 3"

PART NUMBER	777-1530E
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	2.389 KGS/ MT
STOCK LENGHT	6.10 MTS
PERIMETER	53.32 cm
AREA	1.018 cm2
CIRCLE	98.6028 mm
MOMENT OF INERTIA	Ix: 0.238 in^4
	Iy: 0.945 in^4
MASS:	1.743 pounds

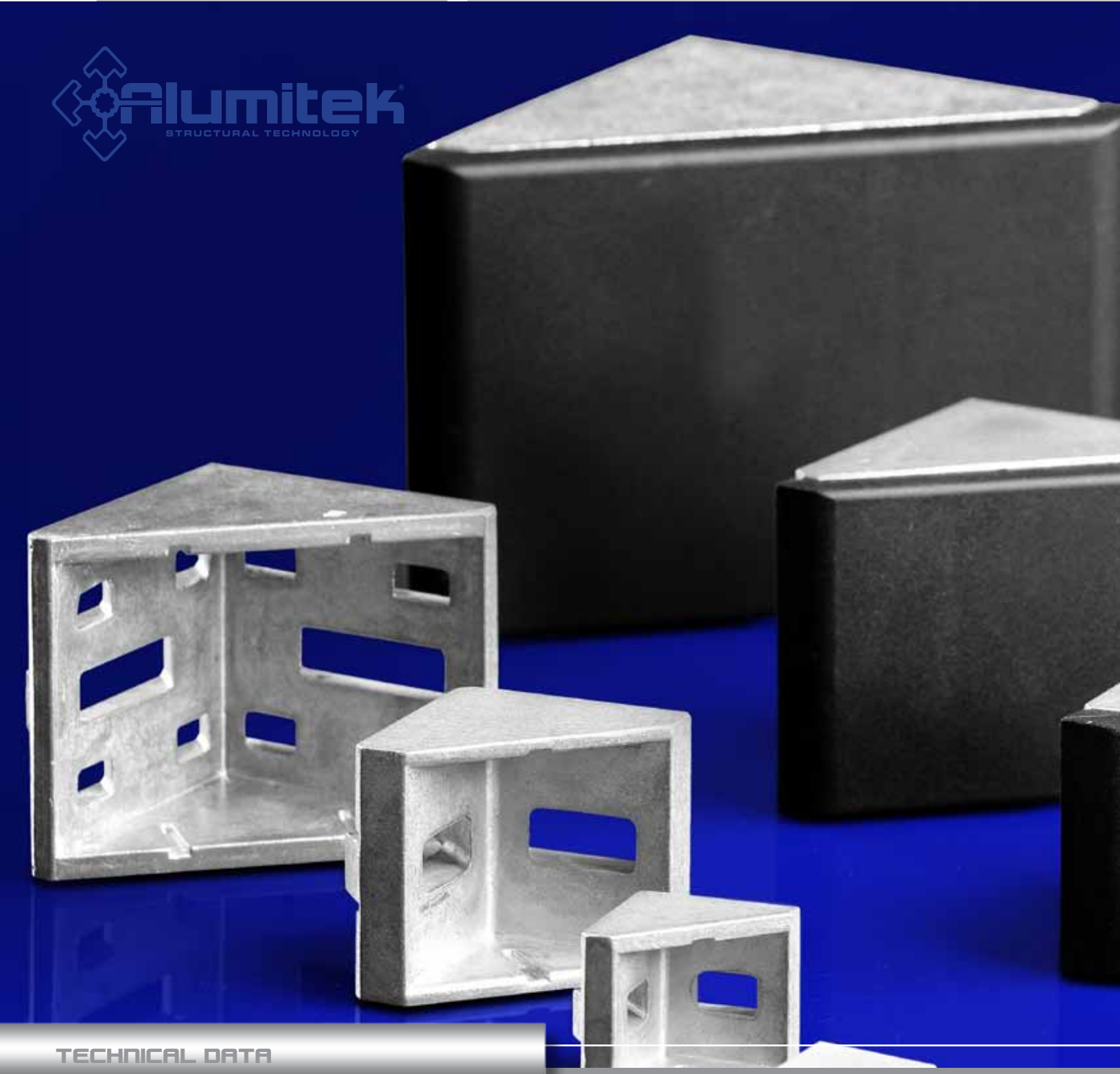




PROFILE 3" X 3"

PART NUMBER	777-3030E
MATERIAL	6105-T5 Aluminum
SURFACE FINISH	Clear anodized
WEIGHT	2.389 KGS/ MT
STOCK LENGHT	6.10 MTS
PERIMETER	53.32 cm
AREA	1.592 in2
CIRCLE	98.6028 mm
MOMENT OF INERTIA	Ix: 1.592 in^4
	Iy: 1.592 in^4
MASS:	2.615 pounds





TECHNICAL DATA

BRACKETS

WE PROVIDE GUSSET ELEMENTS WITH AUTO-CENTER GUIDES FOR FASTER AND PRECISE MOUNTING IN ALL DIFFERENT SERIES.

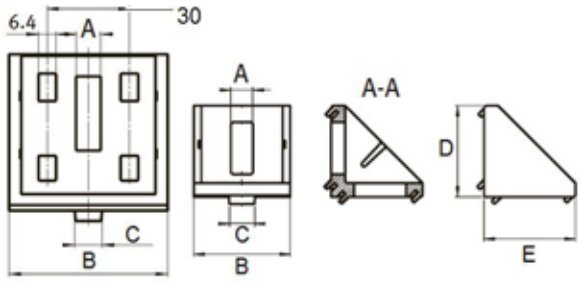


GUSSET:

MATERIAL: DIE CAST ALUMINUM

GUSSET	PART NUMBER	A	B	C	D	E
GUSSET 20 x 20 mm	ALG2020	4.5	18.0	SLOT06	18.0	18.0
GUSSET 30 x 30 mm	ALG3030	6.4	28.0	SLOT 08	27.0	27.0
GUSSET 45 x 45 mm	ALG4545	10.0	42.0	SLOT 10	42.0	42.0
GUSSET 60 x 60 mm	ALG6060	10.0	58.0	SLOT 10	57.0	57.0
GUSSET 45 x 90 mm	ALG4590	10.0	43.0	SLOT 10	86.0	86.0
GUSSET 90 x 90 mm	ALG9090	10.0	88.0	SLOT 10	86.0	86.0

Note: All Gussets Includ Fasteners

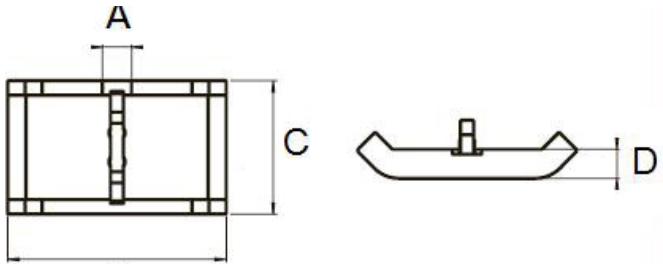


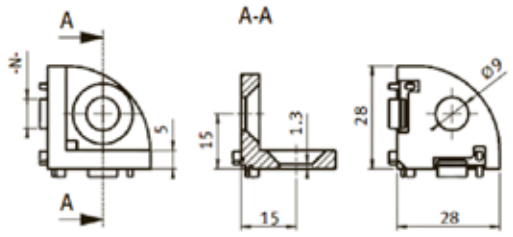


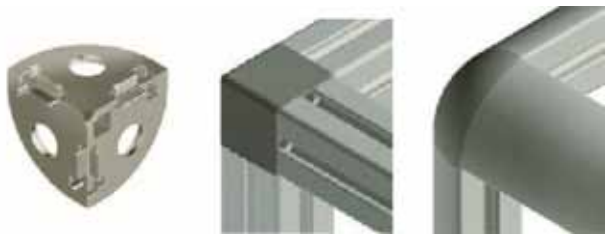
END CAP GUSSET:

MATERIAL: PA6

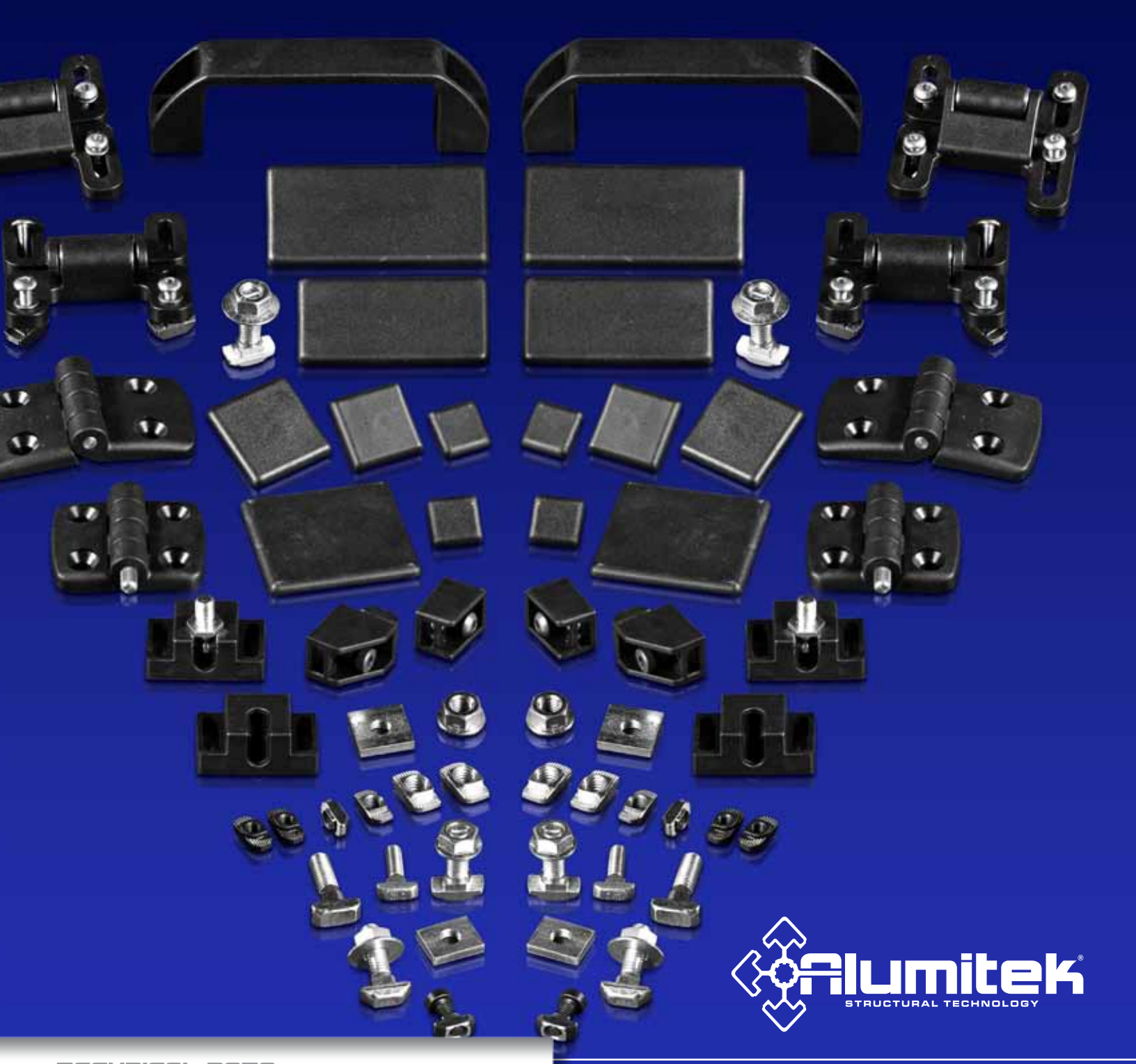
GUSSET	PART NUMBER	A	B	C	D
END CAP GUSSET 20 x 20 mm	ALECG2020	5.0	28.2	17.6	5.0
END CAP GUSSET 30 x 30 mm	ALECG3030	6.0	45.2	27.6	6.0
END CAP GUSSET 45 x 45 mm	ALECG4545	6.0	70.0	40.0	8.5
END CAP GUSSET 60 x 60 mm	ALECG6060	6.0	87.5	57.6	7.0
END CAP GUSSET 90 x 90 mm	ALECG9090	6.0	133.0	87.6	7.0







3 WAY CONNECTOR ANGLE 30x30	PART NUMBER
3 WAY CONNECTOR CAST 30x30	AL3WC
SQUARE COVER CAP 30	AL3WCSC
ROUND COVER CAP 30	AL3WCRC



Alumitek®
STRUCTURAL TECHNOLOGY

TECHNICAL DATA

ACCESORIES & FASTENER

OUR WIDE RANGE OF ACCESSORIES AND COMPONENTS IMPROVE AND EASE THE DESIGNS' ERGONOMICS. ALSO, SPECIALIZED FASTENERS FACILITATE ANY PROFILES' ASSEMBLY.

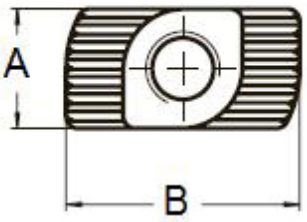


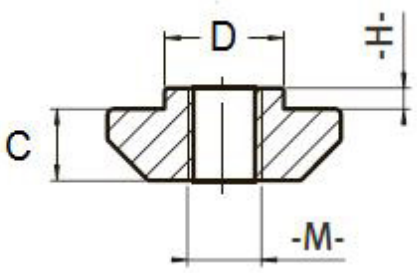


T-NUT

MATERIAL: STEEL

T-NUT STEEL	PART NUMBER	M	H	A	B	C	D
T-NUT 6 SLOT M4	ALTN06M4	M-4	1.0	5.7	11.5	3.2	5.7
T-NUT 8 SLOT M6	ALTN08M6	M-6	1.5	7.7	16	4.5	7.7
T-NUT 10 SLOT M6	ALTN10M6	M-6	3.0	9.7	19	5.8	9.7
T-NUT 10 SLOT M8	ALTN10M8	M-8	3	9.7	19	5.8	9.7



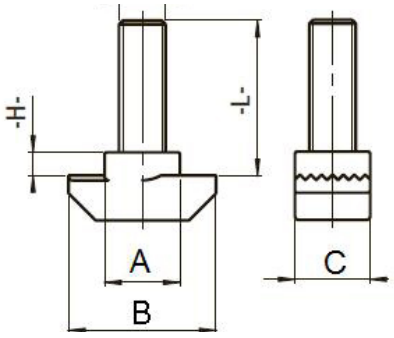


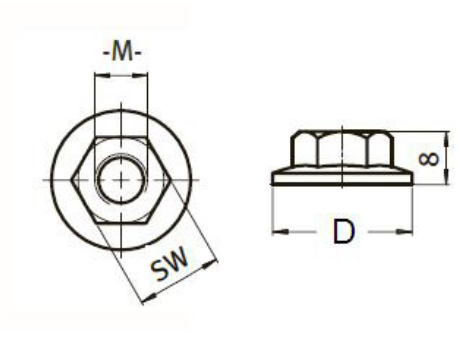


T-BOLT

MATERIAL: STEEL

T-BOLT STEEL	PART NUMBER	M	H	A	B	C	D	L
T-BOLT 8 SLOT M6	ALTB08M6	M-6	3.0	7.7	16.0	7.7		20.0
T-BOLT 10 SLOT M8	ALTB10M8	M-8	3.0	9.7	19.0	9.7		25.0
HEX NUT M6	ALHNM6	M-6					16.0	
HEX NUT M8	ALHNM8	M-8					21.0	

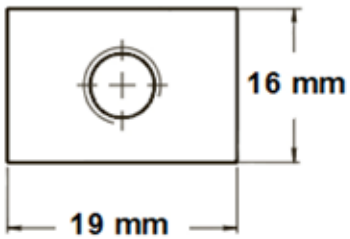


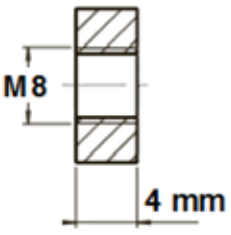


SQUARE NUT

MATERIAL: ZINC PLATED STEEL

SQUARE NUT	PART NUMBER
SQUARE NUT M8	ALSNM8







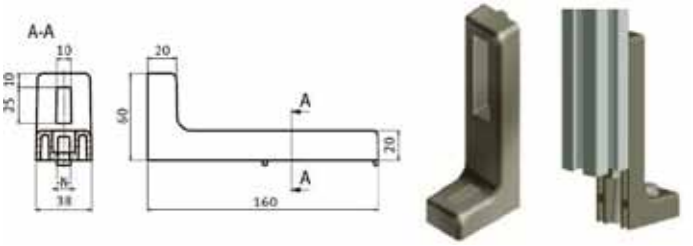
END CAPS:

GUSSETS	
END CAP 20x20 mm	ALEC20
END CAP 30x30 mm	ALEC30
END CAP 30x30R mm	ALEC30R
END CAP 45x45 mm	ALEC45
END CAP 45x90 mm	ALEC4590
END CAP 60x60 mm	ALEC60
END CAP 90x90 mm	ALEC90
END CAP 1x1 in	ALEC1x1
END CAP 15x15 in	ALEC1515
END CAP 15x3 in	ALEC15x3
END CAP 3x3 in	ALEC3X3



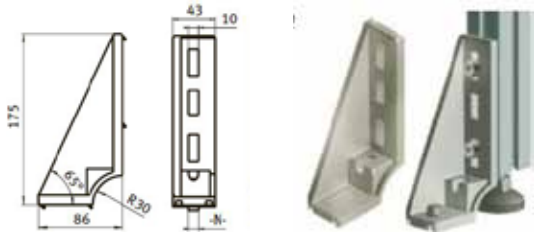


FLOOR TO FRAME CONNECTORS



FLOOR TO FRAME

FLOOR LEVEL FRAME BLACK / ALFLFBLACK



FLOOR TO FRAME

FLOOR LEVEL FRAME CAST / ALFLFCAST

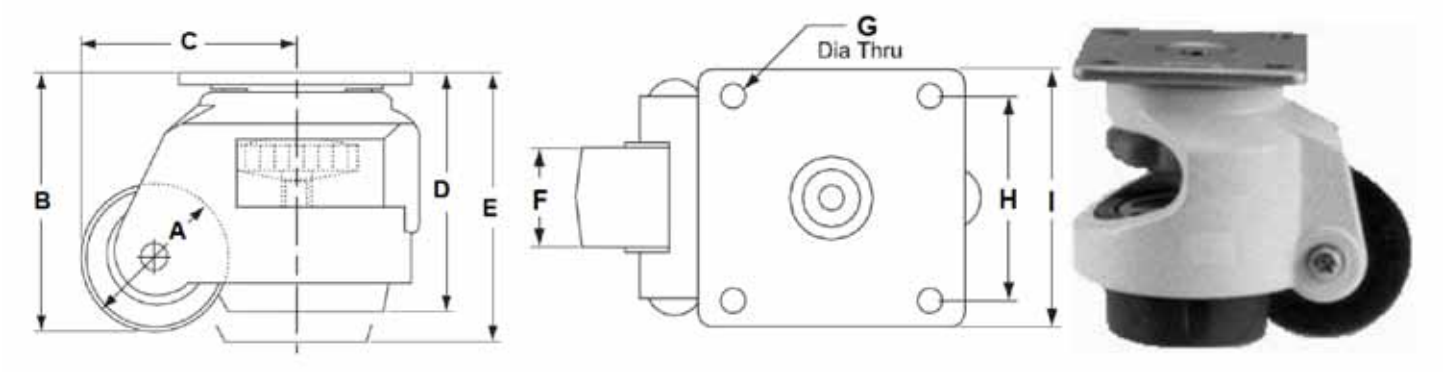
FLOOR LEVEL FRAME



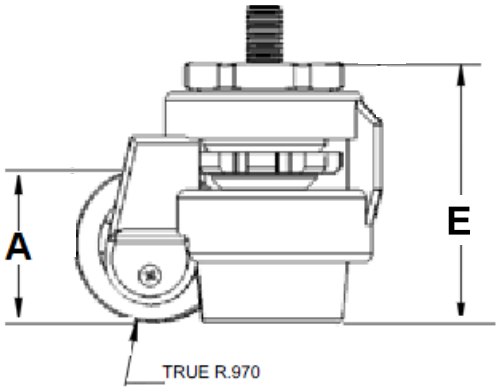
FLOOR LEVEL FRAME	PART NUMBER D
FLOOR LEVEL FRAME 45MM	ALFLF 45 mm
FLOOR LEVEL FRAME 60mm	ALFLF 60 mm

CASTERS:

CASTERS	PART NUMBER	D (mm)	H (mm)	LOAD / kgs
FIXED CASTER PLATE	ALFCP63	63.0	92.0	80.0
FIXED CASTER PLATE	ALFCP75	75.0	107.0	100.0
FIXED CASTER PLATE	ALFCP100	100.0	130.0	135.0
BRAKE CASTER PLATE	ALBCP63	63.0	92.0	80.0
BRAKE CASTER PLATE	ALBCP75	75.0	107	100.0
BRAKE CASTER PLATE	ALBCP100	100.0	130	135.0



LEVELING CASTER	PART NUMBER	A	B	C	D	E	F	G	H	I
LEVELING CASTER SQUARE PLATE 2.5”	ALLCSP25	63.5	100	77	92	118	29	M8	70	90
LEVELING CASTER SQUARE PLATE 3”	ALLCSP3	91.5	115	85	100	125	31	M8	90	120





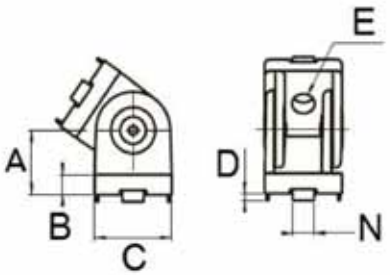
LEVELING CASTER	PART NUMBER	A	B	C	D	E	F
LEVELING CASTER HEX PLATE 2.5”	ALLCSH25	63.5	100	77	92	118	29
LEVELING CASTER HEX PLATE 3”	ALLCSH3	91.5	115	85	100	125	31



EXPEANDED METAL PANEL:

EXPANDED METAL	PART NUMBER	D (mm)	H (mm)
EXPEANDED METAL PANEL	ALM1010	4 FT	8 FT0

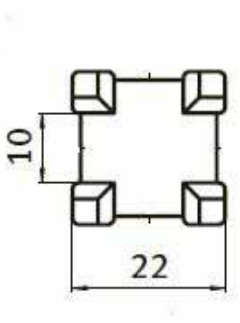
PIVOT JOIN CONNECTOR:

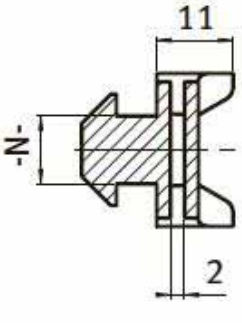




PIVOT JOIN CONNECTOR	PART NUMBER	N	A	B	C	D	E
PIVOT JOIN CONNECTOR	ALPJC30	8 SLOT	22.5	7.0	30.0	2.5	8.3
PIVOT JOIN CONNECTOR	ALPJC45	10 SLOT	30.0	2.0	45.0	1.8	14.0
PIVOT JOIN CONNECTOR W/ HANDLED	ALPJCH30	8 SLOT	22.5	7.0	30.0	2.5	8.3
PIVOT JOIN CONNECTOR W/ HANDLED	ALPJCH45	10 SLOT	30.0	2.0	45.0	1.8	14.0

CABLE BLOCK:

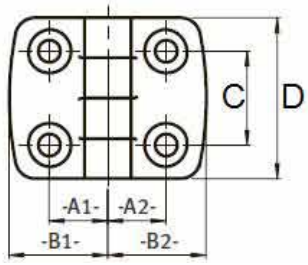


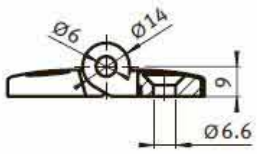






CABLE CROSS	PART NUMBER	N
CROSS CABLE 08	ALCC08	SLOT 08
CROSS CABLE 10	ALCC10	SLOT 10







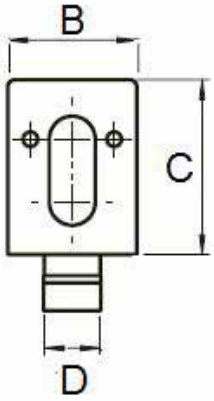




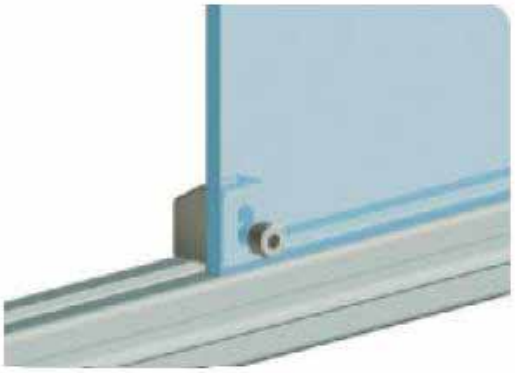
PANELS AND DOOR: HINGES 30X30

PLASTIC HINGES	PART NUMBER	A1	A2	B1	B2	C	D
STANDARD HINGE 30 X 30	ALSH3030	17.5	17.5	29.5	29.5	28.0	48.0
STANDARD HINGE 30 X 45	ALSH3045	17.5	27.5	29.5	43.5	28.0	48.0
STANDARD HINGE 45 X 45	ALSH4545	25.0	25.0	43.5	43.5	28.0	48.0
STANDARD HINGE 60 X 30	ALSH6030	17.5	32.5	29.5	57.5	28.0	48.0



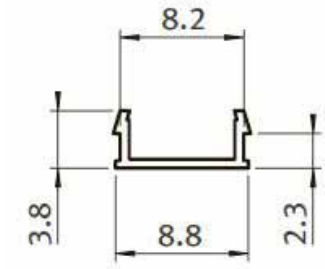


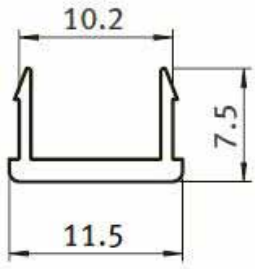


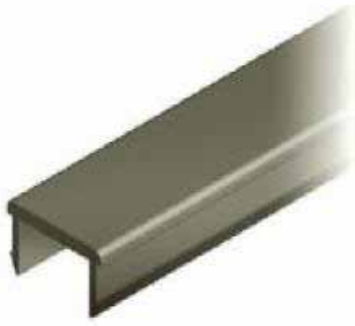


PANEL MOUNTING

PANEL MOUNTING	PART NUMBER	A	B	C	D
PANEL MOUNTING 08 SLOT	ALPM08	18.5	18.5	25.0	SLOT 08
PANEL MOUNTING 10 SLOT	ALPM10	29.5	43.5	28.0	SLOT 10

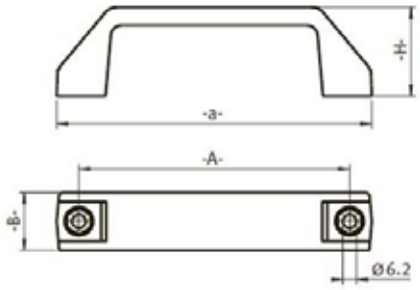






COVER SLOT:

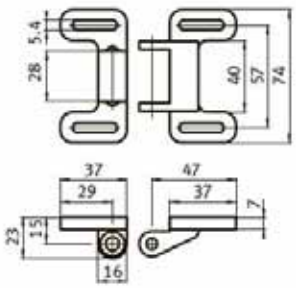
COVER SLOT BLACK	PART NUMBER
COVER SLOT 08	ALCS08
COVER SLOT 10	ALCS10





HANDLES:

STANDARD HANDLE	PART NUMBER	a	A	B	H
HANDLE SMALL	ALHS	112.0	93.0	21.0	36.0
HANDLE MEDIUM	ALHM	142.0	122.0	26.0	40.0
HANDLE LARGE	ALHL	170.0	152.0	28.0	52.0

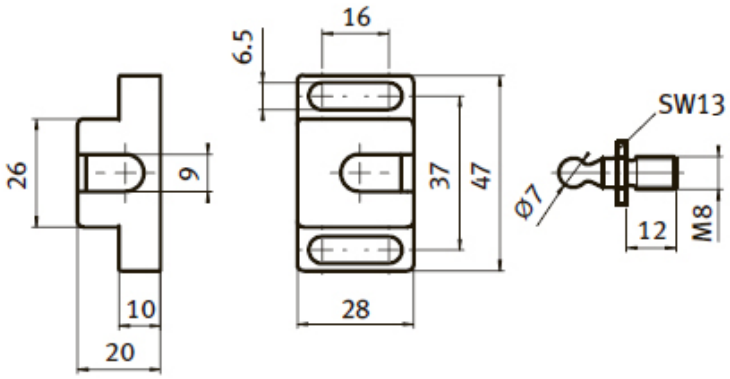






DOUBLE BALL CATCH:

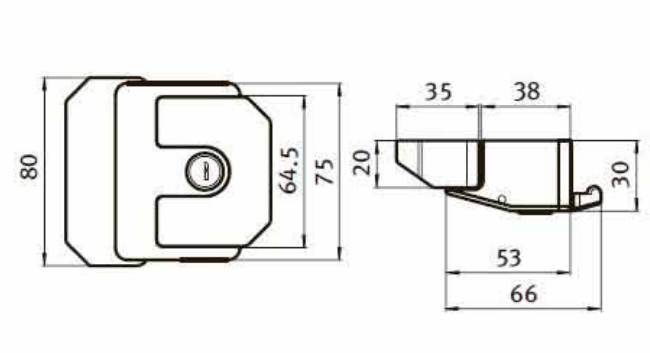
DOUBLE BALL CATCH	PART NUMBER
DOUBLE BALL CATCH	ALDBC





BALL CATCH:

BALL CATCH	PART NUMBER
BALL CATCH	ALBC

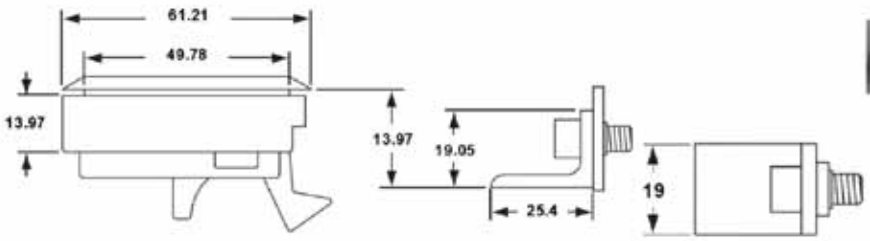






LATCHES:

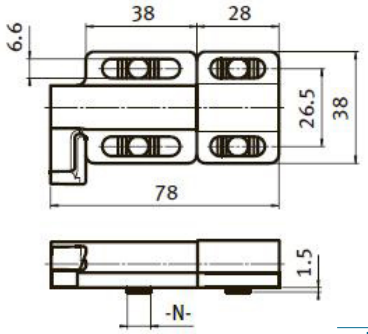
LATCH	PART NUMBER
LATCH W/KEY	ALLWK







LOCKING HANDLE	PART NUMBER
LOCKING HANDLE	ALLH

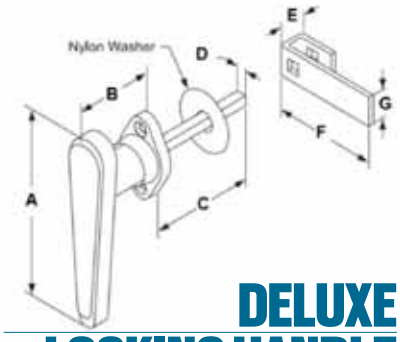


DOOR LATCH:





DOR LATCH	PART NUMBER
DOOR LATCH	ALDL



DELUXE LOCKING HANDLE





DELUXE LOCKING HANDLE	PART NUMBER	A	B	C	D	E	F	G
DELUXE LOCKING HANDLE	ALDLH	111	50	66	8	19	70	70

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