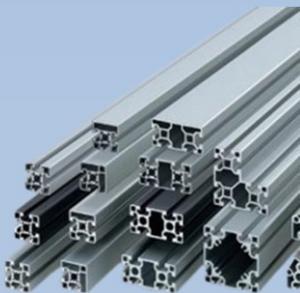
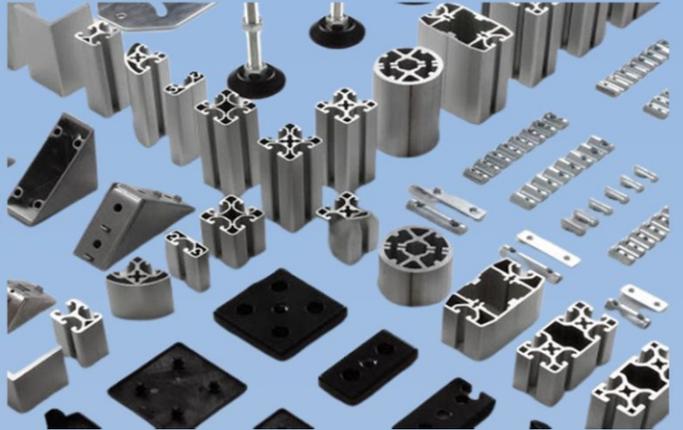
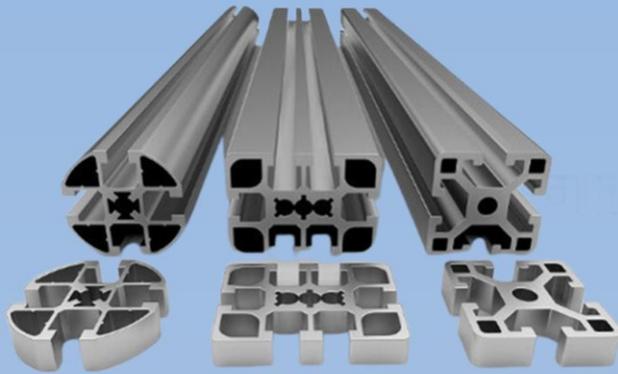




CAPL

ALUMINIUM EXTRUSIONS



CANARES AUTOMATION PVT LTD

www.canares.com



ALUMINIUM EXTRUSIONS

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ALUMINIUM EXTRUSIONS

INTRODUCTION

Canares Automation Pvt Ltd., is part of Canares group. Canares Automation is now India's one of the leading and emerging aluminium extrusion company with a legacy spanning over 25 years. Canares Automation is specializing in manufacturing aluminium profiles and components using a process called extrusion. Our major core business is aluminum extrusion. This aluminium extrusion is widely used across various industries, including construction, automotive, aerospace, electronics, furniture's, Textiles and etc., due to aluminum's lightweight, durability, and corrosion resistance.

CANARES AUTOMATION PRIVATE LIMITED is dynamic company founded by visionary engineers, dedicated to delivering top-notch automation and assembly solutions for the Indian Industry. With a proven track record, we have successfully developed and implemented numerous systems for multinational corporations and renowned business groups in the Auto Component, Automobile, Rubber, and Plastics Molding Industries.

Our expertise lies in the development and installation of complete Assembly Lines and Automation Systems. We have honed our skills to cater to diverse requirements from the aforementioned industries, constantly pushing boundaries and embracing new knowledge. We firmly believe that continuous learning is the key to our success, and we are committed to refining our methods.



ALUMINIUM EXTRUSIONS



PRODUCTS OVERVIEW

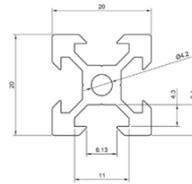
- ❖ **ALUMINIUM PROFILES & ACCESSORIES**
- ❖ **MODULAR ASSEMBLY TABLES**
- ❖ **INDUSTRIAL WORKSTATIONS**
- ❖ **MODULAR CONVEYORS**
- ❖ **CLEAN BOOTH SYSTEMS**
- ❖ **ESD CONSUMABLES**
- ❖ **TUBULAR PROFILE RACKS**
- ❖ **PIPES & JOINTS STRUCTURES**
- ❖ **MATERIAL MOVEMENT TROLLEYS**
- ❖ **CUSTOMISED SOLUTIONS**



20X20MM ALUMINIUM PROFILE

AP24202000

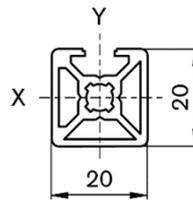
PART NO	AP24202000
DESCRIPTION	20X20MM ALUMINIUM PROFILE
WEIGHT/ Mtr	0.42kg
SLOTS	4S
SLOT WIDTH	6mm
LENGTH	6Mtr



20X20MM ALUMINIUM 1 SLOT PROFILE

AP2420201S

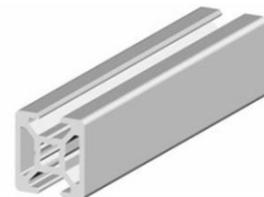
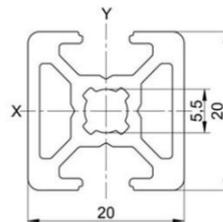
PART NO	AP2420201S
DESCRIPTION	20X20MM ALUMINIUM 1 SLOT PROFILE
WEIGHT/ Mtr	0.5kg
SLOTS	1S
SLOT WIDTH	6mm
LENGTH	6Mtr



20X20MM ALUMINIUM 2 SLOT PROFILE

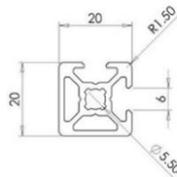
AP2420202S

PART NO	AP2420202S
DESCRIPTION	20X20MM ALUMINIUM 2 SLOT PROFILE
WEIGHT/ Mtr	0.5kg
SLOTS	2S
SLOT WIDTH	6mm
LENGTH	6Mtr



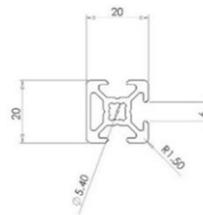
20X20MM ALUMINIUM PERPENDICULAR 2 SLOT PROFILE **AP242020P2S**

PART NO	AP242020P2S
DESCRIPTION	20X20MM ALUMINIUM PROFILE PERPENDICULAR 2 SLOT
WEIGHT / Mtr	0.5kg
SLOTS	P2S
SLOT WIDTH	6mm
LENGTH	6Mtr



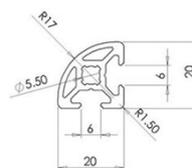
20X20MM ALUMINIUM 3 SLOT PROFILE **AP2420203S**

PART NO	AP2420203S
DESCRIPTION	20X20MM ALUMINIUM 3 SLOT PROFILE
WEIGHT / Mtr	0.5kg
SLOTS	3S
SLOT WIDTH	6mm
LENGTH	6Mtr



20X20MM ALUMINIUM RADIUS PROFILE **AP2420200R**

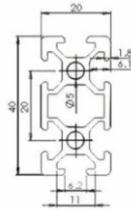
PART NO	AP2420200R
DESCRIPTION	20X20MM ALUMINIUM RADIUS PROFILE
WEIGHT / Mtr	0.429kg
SLOTS	2S
SLOT WIDTH	6mm
LENGTH	6Mtr



20X40MM ALUMINIUM PROFILE

AP24204000

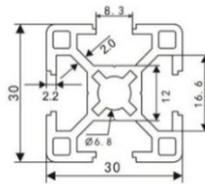
PART NO	AP24204000
DESCRIPTION	20X40MM ALUMINIUM PROFILE
WEIGHT / Mtr	0.77kg
SLOTS	6S
SLOT WIDTH	6mm
LENGTH	6Mtr



30X30MM ALUMINIUM PROFILE

AP24303000

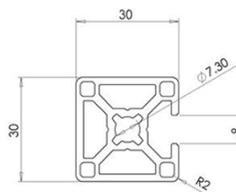
PART NO	AP24303000
DESCRIPTION	30X30MM ALUMINIUM PROFILE
WEIGHT / Mtr	0.78kg
SLOTS	4S
SLOT WIDTH	8mm
LENGTH	6Mtr



30X30MM ALUMINIUM 1 SLOT PROFILE

AP2430301S

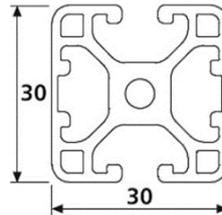
PART NO	AP2430301S
DESCRIPTION	30X30MM ALUMINIUM 1 SLOT PROFILE
WEIGHT / Mtr	1kg
SLOTS	1S
SLOT WIDTH	8mm
LENGTH	6Mtr



30X30MM ALUMINIUM 2 SLOT PROFILE

AP2430302S

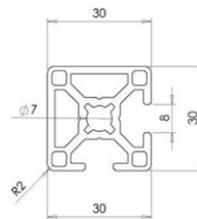
PART NO	AP2430302S
DESCRIPTION	30X30MM ALUMINIUM 2 SLOT PROFILE
WEIGHT / Mtr	0.86kg
SLOTS	2S
SLOT WIDTH	8mm
LENGTH	6Mtr



30X30MM ALUMINIUM PERPENDICULAR 2 SLOT PROFILE

AP243030P2S

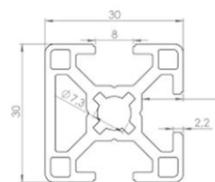
PART NO	AP243030P2S
DESCRIPTION	30X30MM ALUMINIUM PERPENDICULAR 2 SLOT PROFILE
WEIGHT / Mtr	0.86kg
SLOTS	P2S
SLOT WIDTH	8mm
LENGTH	6Mtr



30X30MM ALUMINIUM 3 SLOT PROFILE

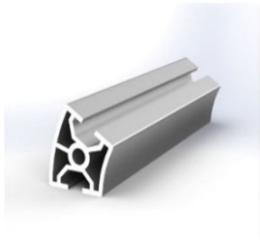
AP2430303S

PART NO	AP2430303S
DESCRIPTION	30X30MM ALUMINIUM 3 SLOT PROFILE
WEIGHT / Mtr	0.85kg
SLOTS	3S
SLOT WIDTH	8mm
LENGTH	6Mtr



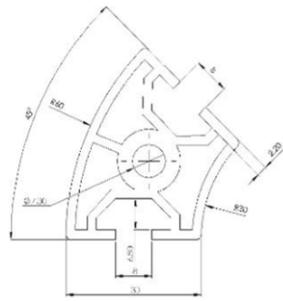
30X30 DEGREE ALUMINIUM PROFILE **AP243030D**

PART NO	AP243030D
DESCRIPTION	30X30 DEGREE ALUMINIUM PROFILE
WEIGHT / Mtr	0.813kg
DEGREE / SLOTS	30° / 2S
SLOT WIDTH	8mm
LENGTH	6Mtr



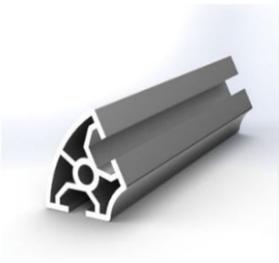
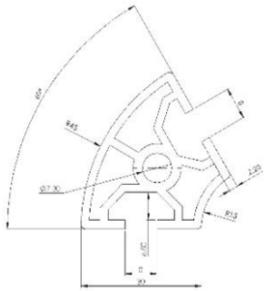
30X45 DEGREE ALUMINIUM PROFILE **AP243045D**

PART NO	AP243045D
DESCRIPTION	30X45 DEGREE ALUMINIUM PROFILE
WEIGHT / Mtr	0.815kg
DEGREE / SLOTS	45° / 2S
SLOT WIDTH	8mm
LENGTH	6Mtr



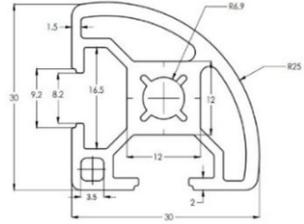
30X60 DEGREE ALUMINIUM PROFILE **AP243060D**

PART NO	AP243060D
DESCRIPTION	30X60 DEGREE ALUMINIUM PROFILE
WEIGHT / Mtr	0.81kg
DEGREE / SLOTS	60° / 2S
SLOT WIDTH	8mm
LENGTH	6Mtr



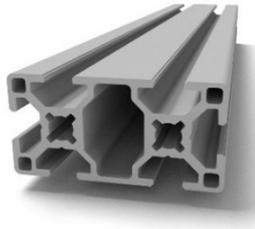
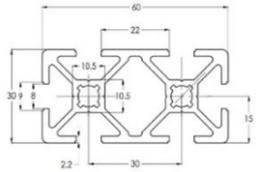
30X30 RADIUS ALUMINIUM PROFILE **AP243030R**

PART NO	AP243030R
DESCRIPTION	30X30 RADIUS ALUMINIUM PROFILE
WEIGHT / Mtr	0.76kg
RADIUS / SLOTS	30R / 2S
SLOT WIDTH	8mm
LENGTH	6Mtr



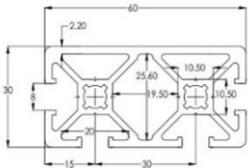
30X60MM ALUMINIUM PROFILE **AP24306000**

PART NO	AP24306000
DESCRIPTION	30X60MM ALUMINIUM PROFILE
WEIGHT / Mtr	1.4kg
SLOTS	6S
SLOT WIDTH	8mm
LENGTH	6Mtr



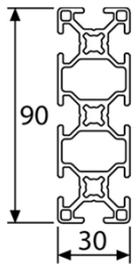
30X60MM ALUMINIUM 4 SLOT PROFILE **AP2430604S**

PART NO	AP2430604S
DESCRIPTION	30X60MM ALUMINIUM 4 SLOT PROFILE
WEIGHT / Mtr	1.5kg
SLOTS	4S
SLOT WIDTH	8mm
LENGTH	6Mtr



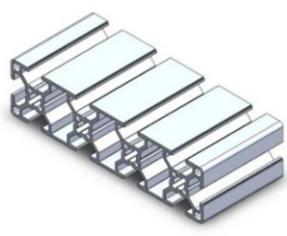
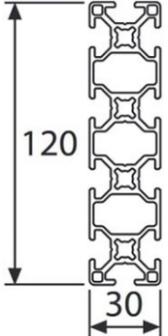
30X90MM ALUMINIUM PROFILE **AP24309000**

PART NO	AP24309000
DESCRIPTION	30X90MM ALUMINIUM PROFILE
WEIGHT / Mtr	2.0kg
SLOTS	8S
SLOT WIDTH	8mm
LENGTH	6Mtr



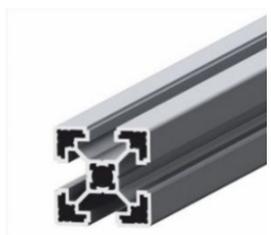
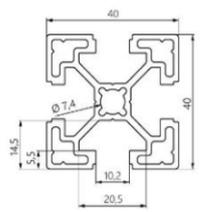
30X120MM ALUMINIUM PROFILE **AP243012000**

PART NO	AP243012000
DESCRIPTION	30X120MM ALUMINIUM PROFILE
WEIGHT / Mtr	2.58kg
SLOTS	10S
SLOT WIDTH	8mm
LENGTH	6Mtr



40X40MM ALUMINIUM PROFILE **AP24404000**

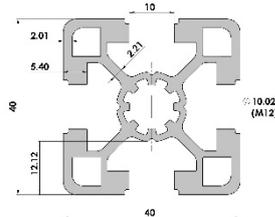
PART NO	AP24404000
DESCRIPTION	40X40MM MED ALUMINIUM PROFILE
WEIGHT / Mtr	1.2kg
SLOTS	4S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X40MM ALUMINIUM H PROFILE

AP24404002

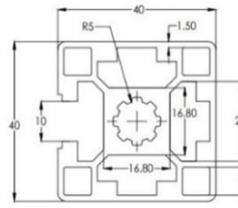
PART NO	Ap24404002
DESCRIPTION	40X40MM ALUMINIUM HEAVY PROFILE
WEIGHT / Mtr	1.9kg
SLOTS	4S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X40MM ALUMINIUM 1 SLOT PROFILE

AP2440401S

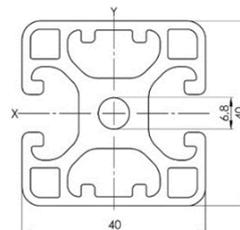
PART NO	AP2440401S
DESCRIPTION	40X40MM ALUMINIUM 1 SLOT PROFILE
WEIGHT / Mtr	1.44kg
SLOTS	1S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X40MM ALUMINIUM 2 SLOT PROFILE

AP2440402S

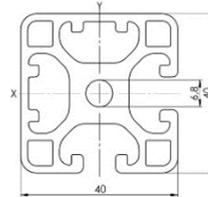
PART NO	AP2440402S
DESCRIPTION	40X40MM ALUMINIUM 2 SLOT PROFILE
WEIGHT / Mtr	1.3kg
SLOTS	2S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X40MM ALUMINIUM PERPENDICULAR 2 SLOT PROFILE

AP244040P2S

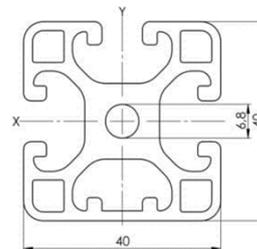
PART NO	AP244040P2S
DESCRIPTION	40X40MM ALUMINIUM PERPENDICULAR 2 SLOT PROFILE
WEIGHT / Mtr	1.39kg
SLOTS	2S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X40MM ALUMINIUM 3 SLOT PROFILE

AP2440403S

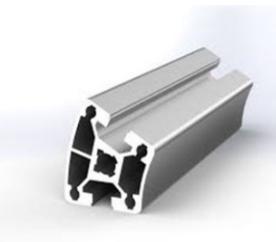
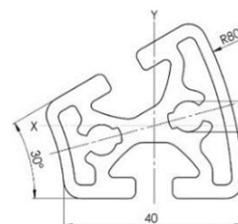
PART NO	AP2440403S
DESCRIPTION	40X40MM ALUMINIUM 3 SLOT PROFILE
WEIGHT / Mtr	1.21kg
SLOTS	3S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X30 DEGREEE ALUMINIUM PROFILE

AP244030D

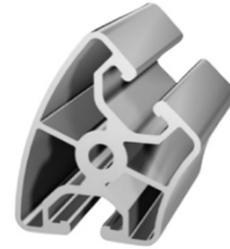
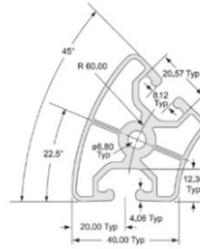
PART NO	AP244030D
DESCRIPTION	40X30 DEGREEE ALUMINIUM PROFILE
WEIGHT / Mtr	1.17kg
DEGREE / SLOTS	30° / 2S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X45 DEGREE ALUMINIUM PROFILE

AP244045D

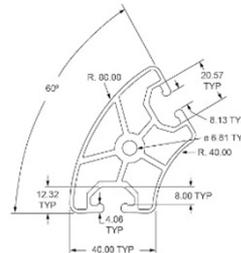
PART NO	AP244045D
DESCRIPTION	40X40 DEGREE ALUMINIUM PROFILE
WEIGHT / Mtr	1.15kg
DEGREE / SLOTS	40° / 2S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X60 DEGREE ALUMINIUM PROFILE

AP244060D

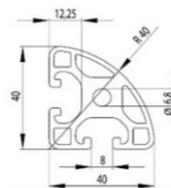
PART NO	AP244060D
DESCRIPTION	40X60 DEGREE ALUMINIUM PROFILE
WEIGHT / Mtr	1.12kg
DEGREE / SLOTS	60° / 2S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X40 RADIUS ALUMINIUM PROFILE

AP244040R

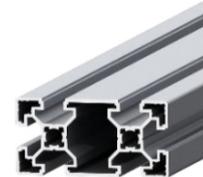
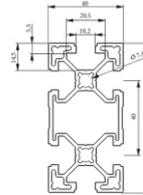
PART NO	AP244040R
DESCRIPTION	40X40 RADIUS ALUMINIUM PROFILE
WEIGHT / Mtr	1.05kg
RADIUS / SLOTS	40R / 2S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X80MM M ALUMINIUM PROFILE

AP24408001

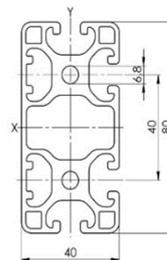
PART NO	AP24408001
DESCRIPTION	40X80MM ALUMINIUM PROFILE (MEDIUM)
WEIGHT / Mtr	2.1kg
SLOTS	6S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X80MM ALUMINIUM 4 SLOT PROFILE

AP2440804S

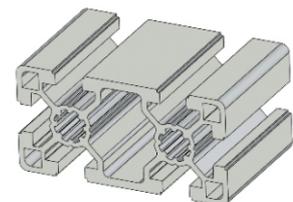
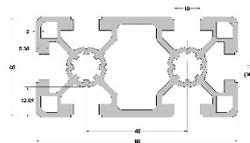
PART NO	AP2440804S
DESCRIPTION	40X80MM ALUMINIUM 4 SLOT PROFILE
WEIGHT / Mtr	2.7kg
SLOTS	4S
SLOT WIDTH	10mm
LENGTH	6Mtr



40X80MM H ALUMINIUM PROFILE

AP24408002

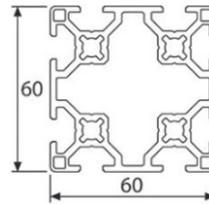
PART NO	AP24408002
DESCRIPTION	40X80MM HEAVY ALUMINIUM PROFILE
WEIGHT / Mtr	2.76kg
SLOTS	6S
SLOT WIDTH	10mm
LENGTH	6Mtr



60X60MM ALUMINIUM 8 SLOT PROFILE

AP2460608S

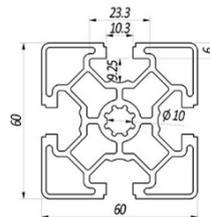
PART NO	AP2460608S
DESCRIPTION	60X60MM ALUMINIUM 8 SLOT PROFILE
WEIGHT / Mtr	2.44kg
SLOTS	8S
SLOT WIDTH	8mm
LENGTH	6Mtr



60X60MM ALUMINIUM 4 SLOT PROFILE

AP2460604S

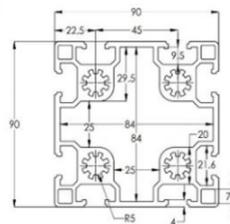
PART NO	AP2460604S
DESCRIPTION	60X60MM ALUMINIUM 4 SLOT PROFILE
WEIGHT / Mtr	2.5kg
SLOTS	4S
SLOT WIDTH	8mm
LENGTH	6Mtr



90X90MM ALUMINIUM PROFILE

AP24909000

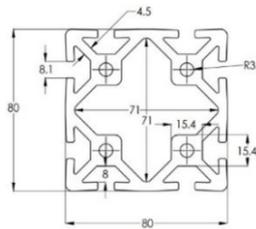
PART NO	AP24909000
DESCRIPTION	90X90MM ALUMINIUM PROFILE
WEIGHT / Mtr	4.9kg
SLOTS	8S
SLOT WIDTH	10mm
LENGTH	6Mtr



80X80MM ALUMINIUM PROFILE

AP24808000

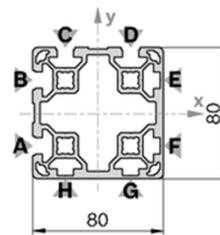
PART NO	AP24808000
DESCRIPTION	80X80MM ALUMINIUM PROFILE
WEIGHT / Mtr	4.25kg
SLOTS	8S
SLOT WIDTH	10mm
LENGTH	6Mtr



80X80MM PERPENDICULAR 4 SLOT PROFILE

AP248080P4S

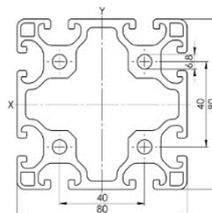
PART NO	AP248080P4S
DESCRIPTION	80X80MM PERPENDICULAR 4 SLOT PROFILE
WEIGHT / Mtr	4.5kg
SLOTS	P4S
SLOT WIDTH	10mm
LENGTH	6Mtr



80X80MM ALUMINIUM 6 SLOT PROFILE

AP2480806S

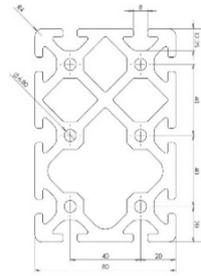
PART NO	AP2480806S
DESCRIPTION	80X80MM ALUMINIUM 6 SLOT PROFILE
WEIGHT / Mtr	4.38kg
SLOTS	6S
SLOT WIDTH	10mm
LENGTH	6Mtr



80X120MM ALUMINIUM PROFILE

AP248012000

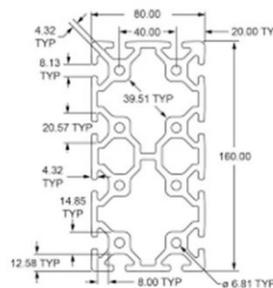
PART NO	AP248012000
DESCRIPTION	80X120MM ALUMINIUM PROFILE
WEIGHT / Mtr	6.07kg
SLOTS	10S
SLOT WIDTH	10mm
LENGTH	6Mtr



80X160MM ALUMINIUM PROFILE

AP248016000

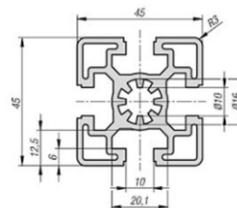
PART NO	AP248016000
DESCRIPTION	80X160MM ALUMINIUM PROFILE
WEIGHT / Mtr	10kg
SLOTS	12S
SLOT WIDTH	10mm
LENGTH	6Mtr



45X45MM ALUMINIUM PROFILE

AP24454501

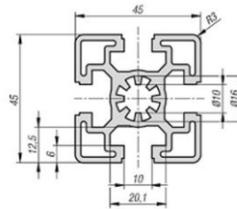
PART NO	AP24454501
DESCRIPTION	45X45MM ALUMINIUM PROFILE (MEDIUM)
WEIGHT / Mtr	1.3kg
SLOTS	4S
SLOT WIDTH	10mm
LENGTH	6Mtr



45X45MM ALUMINIUM H PROFILE

AP24454502

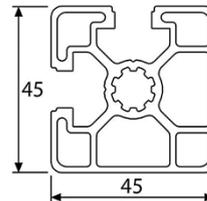
PART NO	Ap24454502
DESCRIPTION	45X45MM ALUMINIUM HEAVY PROFILE
WEIGHT / Mtr	1.9kg
SLOTS	4S
SLOT WIDTH	10m
LENGTH	6Mtr



45X45MM ALUMINIUM PERPENDICULAR 2 SLOT PROFILE

AP244545P2S

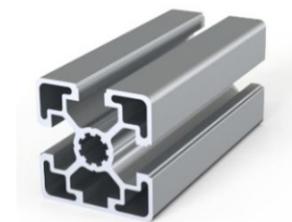
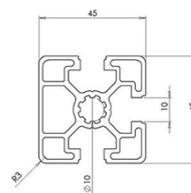
PART NO	AP244545P2S
DESCRIPTION	45X45MM ALUMINIUM PERPENDICULAR 2 SLOT PROFILE
WEIGHT / Mtr	1.62kg
SLOTS	2S
SLOT WIDTH	10mm
LENGTH	6Mtr



45X45MM ALUMINIUM 3 SLOT PROFILE

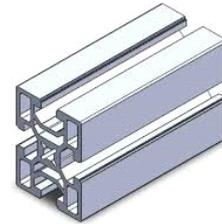
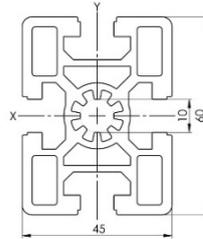
AP2445453S

PART NO	AP2445453S
DESCRIPTION	45X45MM ALUMINIUM 3 SLOT PROFILE
WEIGHT / Mtr	1.54kg
SLOTS	3S
SLOT WIDTH	10mm
LENGTH	6Mtr



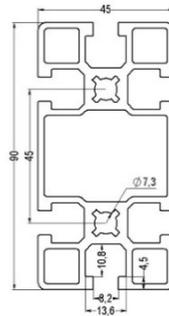
45X60MM ALUMINIUM PROFILE **AP24456000**

PART NO	AP24456000
DESCRIPTION	45X60MM ALUMINIUM PROFILE
WEIGHT / Mtr	2.51kg
SLOTS	4S
SLOT WIDTH	10mm
LENGTH	6Mtr



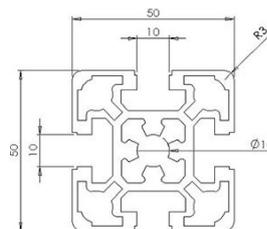
45X90MM ALUMINIUM PROFILE **AP24459000**

PART NO	AP24459000
DESCRIPTION	45X90MM ALUMINIUM PROFILE
WEIGHT / Mtr	2.5kg
SLOTS	6S
SLOT WIDTH	10mm
LENGTH	6Mtr



50X50MM ALUMINIUM PROFILE **AP24505000**

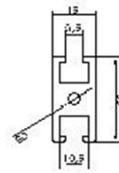
PART NO	AP24505000
DESCRIPTION	50X50MM ALUMINIUM PROFILE
WEIGHT / Mtr	2.35kg
SLOTS	4S
SLOT WIDTH	10mm
LENGTH	6Mtr



30x15 ALUMINIUM PROFILE

AP24301500

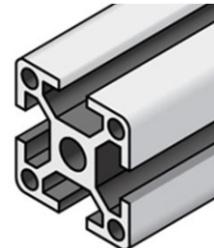
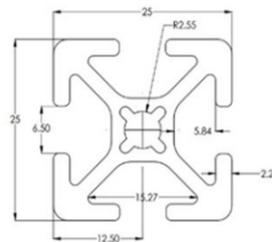
PART NO	AP24301500
DESCRIPTION	30x15 ALUMINIUM PROFILE
WEIGHT / Mtr	0.6kg
SLOTS	2S
SLOT WIDTH	8mm
LENGTH	6Mtr



25x25 ALUMINIUM PROFILE

AP24252500

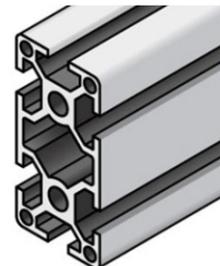
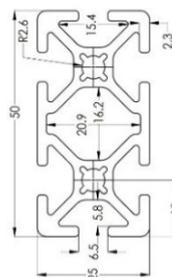
PART NO	AP24252500
DESCRIPTION	25x25 ALUMINIUM PROFILE
WEIGHT / Mtr	1.1kg
SLOTS	4S
SLOT WIDTH	6mm
LENGTH	6Mtr



50x25 ALUMINIUM PROFILE

AP24502500

PART NO	AP24502500
DESCRIPTION	50x25 ALUMINIUM PROFILE
WEIGHT / Mtr	1.4kg
SLOTS	6S
SLOT WIDTH	10mm
LENGTH	6Mtr



ALUMINIUM PROFILE ACCESSORIES



BUTTON HEAD BOLT

PART NO	DESCRIPTION	APPLICATION
BHB19M0612	M6X12MM SS BUTTON HEAD BOLT	30,40,45,60,80,90 SERIES PROFILE
BHB19M0620	M6 X 20MM SS BUTTON HEAD BOLT	30,40,45,60,80,90 SERIES PROFILE
BHB19M0820	M8 X 20MM SS BUTTON HEAD BOLT	40,45,60,80,90 SERIES PROFILE
BHB19M1230	Central bolt M12X30	40,45,60,80,90 SERIES PROFILE
TB16PM0825	M8X25MM THREAD FORMING MS PLATED TROX BOLT	40,45,60,80,90 SERIES PROFILE
TB16PM1230	M12X30MMTHREAD FORMING MS PLATED TROX BOLT	40,45,60,80,90 SERIES PROFILE



INNER BRACKET

PART NO	DESCRIPTION	APPLICATION
IB24M52020	M5 -20MM INNER BRACKET	20X20 PROFILE
IB24M63030	M6 - 30MM INNER BRACKET	30X30 PROFILE
IB24M64040	M6 - 40MM INNER BRACKET	40X40 PROFILE
IB24M84040	M8 - 40MM INNER BRACKET	40X40 PROFILE
IB24M84545	M8 - 45MM INNER BRACKET	45X45 PROFILE



BOLT CONNECTOR

PART NO	DESCRIPTION	APPLICATION
BC3030	30X30 BOLT CONNECTORS	30X30 PROFILE
BC4040	40X40 BOLT CONNECTORS	40X40 PROFILE
BC4545	45X45 BOLT CONNECTORS	45X45 PROFILE
BC6060	60X60 BOLT CONNECTORS	60X60 PROFILE
BC8080	80X80 BOLT CONNECTORS	80X80 PROFILE
BC9090	90X90 BOLT CONNECTORS	90X90 PROFILE



UNIVERSAL CONNECTOR

PART NO	DESCRIPTION	APPLICATION
UC16D	16 DIA UNIVERSAL CONNECTOR	30,40,45,60,80,90 SERIES PROFILE
UC19D	19 DIA UNIVERSAL CONNECTOR	30,40,45,60,80,90 SERIES PROFILE



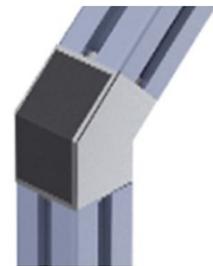
JOINTS

PART NO	DESCRIPTION	APPLICATION
SJ4H35160-M6	35X160MM STRAIGHT JOINT WITH 4 HOLES	40X40 PROFILE
4WJ5H140140-M6	4 WAY JOINT WITH 5 HOLES	40 & 45 SERIES PROFILES, CANE BE CUSTOMISED
LJ3H3560-M6	L-JOINT WITH THREE HOLES	40 & 45 SERIES PROFILES, CANE BE CUSTOMISED
TJ4H3560	T- JOINT WITH 4 HOLES	40 & 45 SERIES PROFILES, CANE BE CUSTOMISED



45 DEGREE ANGLE CONNECTOR

PART NO	DESCRIPTION	APPLICATION
AC303045D	30X30 PROFILE 45 DEGREE ANGLE CONNECTORS	30X30 PROFILE
AC404045D	40X40 PROFILE 45 DEGREE ANGLE CONNECTORS	40x40 PROFILE
AC454545D	45X45 PROFILE 45 DEGREE ANGLE CONNECTORS	45X45 PROFILE



ANGLE CONNECTOR

PART NO	DESCRIPTION	APPLICATION
AC45D	45 DEGREE 21 ANGLE CONNECTOR	30,40,45,60 SERIES PROFILE
AC135D	135 DEGREE 135 ANGLE CONNECTOR	30,40,45,60 SERIES PROFILE



LINEAR BAR CONNECTOR

PART NO	DESCRIPTION	APPLICATION
LBC2406100	6x100 LINEAR BAR CONNECTOR	40,45,60,80,90 SERIES PROFILE
LBC2408100	8x100 LINEAR BAR CONNECTOR	40,45,60,80,90 SERIES PROFILE
LBC2410120	10x120 LINEAR BAR CONNECTOR	40,45,60,80,90 SERIES PROFILE



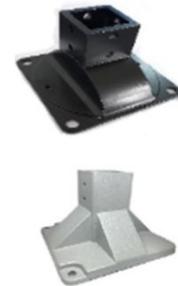
VARIABLE DEGREE CONNECTORS

PART NO	DESCRIPTION	APPLICATION
VDOC	VARIABLE DEGREE CONNECTORS OUTER SMALL	30X30 PROFILE
VDIC	VARIABLE DEGREE CONNECTORS INNER LONG	40,45,60,80,90 SERIES PROFILE



FENCE MOUNT BASE

PART NO	DESCRIPTION	APPLICATION
BM4040	40X40 PROFILE BASE MOUNT	40x40 PROFILE
BM4545	45X45 BASE MOUNT	45x45 PROFILE
BM6060	60X60 BASE MOUNT	60x60 PROFILE



SWIVEL BRACKET

PART NO	DESCRIPTION	APPLICATION
SB3030-M8	30 X 8MM SWIVEL BRACKET	30x30 PROFILE
SB4040-M8	40 X 8MM SWIVEL BRACKET	40,80 SERIES PROFILE
SB4040-M10	40 X 10MM SWIVEL BRACKET	45,60,90 SERIES PROFILE



PIVOT JOINTS

PART NO	DESCRIPTION	APPLICATION
PJ2020-WOL	PIVOT JOINT 20 WITHOUT LEVER	20x20 PROFILE
PJ3030-WL	PIVOT JOINT 30 WITH LEVER	30x30 PROFILE
PJ3030-WOL	PIVOT JOINT 30 WITHOUT LEVER	30x30 PROFILE
PJ4040-WL	PIVOT JOINT 40 WITH LEVER	40x40 PROFILE
PJ4040-WOL	PIVOT JOINT 40 WITHOUT LEVER	40x40 PROFILE
PJ4545-WL	PIVOT JOINT 45 WITH LEVER	45x 45 PROFILE
PJ4545-WOL	PIVOT JOINT 45 WITHOUT LEVER	45x 45 PROFILE
PJ4080WOL	PIVOT JOINT 40X80 WITHOUT LEVER	40x80 PROFILE
PJ5050-WOL	PIVOT JOINT 50X50 WITHOUT LEVER	50x50 PROFILE
PJ8080-WOL	PIVOT JOINT 80X80 WITHOUT LEVER	80x80 PROFILE
PB180D	180 DEGREE PIVOTING BRACKET	FOR 40,45,60,80,90 series Profiles



CABLE BINDER

PART NO	DESCRIPTION	APPLICATION
CBL- BND-8	CABLE BINDER 8	40x40,30x30 PROFILE
CBL -BND-10	CABLE BINDER 10	45,60,80 & 90 SERIES PROFILE



FEET POLYAMIDE

PART NO	DESCRIPTION	APPLICATION
PLPM8-30D	M8 X 30 DIA POLYAMIDE LEVELING PAD	30x30 PROFILE
PLPM8-60D	M8 X 60 DIA POLYAMIDE LEVELING PAD	30x30 PROFILE
PLPM12-60D	M12 X 60 DIA POLYAMIDE LEVELING PAD	40,45,60,80,90 SERIES PROFILE
PLPM12-80D	M12 X 80 DIA POLYAMIDE LEVELING PAD	40,45,60,80,90 SERIES PROFILE
PLPM12-100D	M12 X 100 DIA POLYAMIDE LEVELING PAD	40,45,60,80,90 SERIES PROFILE
PLPM12-40D	M12 X 40 DIA POLYAMIDE LEVELING PAD	40,45,60,80,90 SERIES PROFILE
MSLPM12-40D	M12 X 40 DIA MS LEVELING PAD	40,45,60,80,90 SERIES PROFILE
MSLPM12-60D	M12 X 60 DIA MS LEVELING PAD	40,45,60,80,90 SERIES PROFILE
MSLPM12-80D	M12 X 80 DIA MS LEVELING PAD	40,45,60,80,90 SERIES PROFILE
MSLPM12-100D	M12 X 100 DIA MS LEVELING PAD	40,45,60,80,90 SERIES PROFILE



REDUCER

PART NO	DESCRIPTION	APPLICATION
RD-M128	REDUCER M12XM8	40,45,60,80,90 SERIES PROFILE
RD-M126	REDUCER M12XM6	40,45,60,80,90 SERIES PROFILE



CASTOR WHEELS

PART NO	DESCRIPTION	APPLICATION
CW75D-FTWB	75 DIA FLANGE TYPE CASTOR WHEEL WITH BRAKE	30,40,45,60,80 & 90 SERIES PROFILE
CW75D-FTWOB	75 DIA FLANGE TYPE CASTOR WHEEL WITHOUT BRAKE	30,40,45,60,80 & 90 SERIES PROFILE
CW75D-M1230STWB	75 DIA M12X30 STUD TYPE CASTOR WHEEL WITH BRAKE	30,40,45,60,80 & 90 SERIES PROFILE
CW75D-M1230STWOB	75 DIA M12X30 STUD TYPE CASTOR WHEEL WITHOUT BRAKE	30,40,45,60,80 & 90 SERIES PROFILE
FW75D	75 DIA FIXED WHEEL	30,40,45,60,80 & 90 SERIES PROFILE
CW100D-FTWB	100 DIA FLANGE TYPE CASTOR WHEEL WITH BRAKE	30,40,45,60,80 & 90 SERIES PROFILE
CW100D-FTWOB	100 DIA FLANGE TYPE CASTOR WHEEL WITHOUT BRAKE	30,40,45,60,80 & 90 SERIES PROFILE
CW100D-M1230STWB	100 DIA M12X30 STUD TYPE CASTOR WHEEL WITH BRAKE	30,40,45,60,80 & 90 SERIES PROFILE
CW100D-M1230STWOB	100 DIA M12X30 STUD TYPE CASTOR WHEEL WITHOUT BRAKE	30,40,45,60,80 & 90 SERIES PROFILE
FW100D	100 DIA FIXED WHEEL	30,40,45,60,80 & 90 SERIES PROFILE
CW125D-FTWB	125 DIA FLANGE TYPE CASTOR WHEEL WITH BRAKE	30,40,45,60,80 & 90 SERIES PROFILE
CW125D-FTWOB	125 DIA FLANGE TYPE CASTOR WHEEL WITHOUT BRAKE	30,40,45,60,80 & 90 SERIES PROFILE
FMFT60D	60 DIA FOOT MASTER FLANGE TYPE	30,40,45,60,80 & 90 SERIES PROFILE
FMST60D	60 DIA FOOT MASTER STUD TYPE	30,40,45,60,80 & 90 SERIES PROFILE
FMFT80D	80 DIA FOOT MASTER FLANGE TYPE	30,40,45,60,80 & 90 SERIES PROFILE
FMST80D	80 DIA FOOT MASTER STUD TYPE	30,40,45,60,80 & 90 SERIES PROFILE



BASE PLATES

PART NO	DESCRIPTION	APPLICATION
BP2040	20X40 BASE PLATE	20x20 PROFILE
BP3060	30X60 BASE PLATE	30x30 PROFILE
BP4080	40X80 BASE PLATE	40x40 PROFILE
BP4590	45X90 BASE PLATE	45x45 PROFILE
BP8080	80X80 BASE PLATE	80x80 PROFILE
BP9090	90X90 BASE PLATE	90x90 PROFILE
BP6060	60X60 BASE PLATE	60x60 PROFILE



ALUMINIUM HINGES

PART NO	DESCRIPTION	APPLICATION
PH242020	20X20 ALUMINIUM HINGES	20x20 PROFILE
PH243030	30X30 ALUMINIUM HINGES	30x30 PROFILE
PH244040	40X40 ALUMINIUM HINGES	40,80 SERIES PROFILE
PH244030	40X30 ALUMINIUM HINGES	40x40 PROFILE
PH244530	45X30 ALUMINIUM HINGES	45,60 & 90 SERIES PROFILE



PLASTIC HINGES

PART NO	DESCRIPTION	APPLICATION
PH112020	20X20 PLASTIC HINGES	20x20 PROFILE
PH113030	30X30 PLASTIC HINGES	30x30 PROFILE
PH114040	40X40 PLASTIC HINGES	40,80 SERIES PROFILE
PH114030	40X30 PLASTIC HINGES	40x40 PROFILE
PH114530	45X30 PLASTIC HINGES	45,60 & 90 SERIES PROFILE



HANDLES

PART NO	DESCRIPTION	APPLICATION
PHA11120P	PLASTIC HANDLE	30,40,45,60,80 & 90 SERIES PROFILE
AHA2490P	90 PITCH ALUMINIUM HANDLE	30,40,45,60,80 & 90 SERIES PROFILE
AHA24120P	120 PITCH ALUMINIUM HANDLE	30,40,45,60,80 & 90 SERIES PROFILE
AHA24180P	180 PITCH ALUMINIUM HANDLE	30,40,45,60,80 & 90 SERIES PROFILE
DS2401	DESIGN HANDLE	30,40,45,60,80 & 90 SERIES PROFILE



T CONNECTORS

PART NO	DESCRIPTION	APPLICATION
TC3030	30X30 T CONNECTORS	30x30 PROFILE
TC4040	40X40 T CONNECTORS	40,80 SERIES PROFILE
TC4545	45X45 T CONNECTORS	45,60,90 SERIES PROFILE



SLAM LATCHES

PART NO	DESCRIPTION	APPLICATION
SLM61008TN	M6X16MM SLAM LATCHES WITH 8MM NUT	T 30,40,45,60,80 & 90 SERIES PROFILE
SLM62008TN	M6X20MM SLAM LATCHES WITH 8MM NUT	T 30,40,45,60,80 & 90 SERIES PROFILE
SLMM62508TN	M6X25MM SLAM LATCH WITH 8MM NUT	T 30,40,45,60,80 & 90 SERIES PROFILE
SLM82010TN	M8X20MM SLAM LATCH WITH 10MM NUT	T 30,40,45,60,80 & 90 SERIES PROFILE
SLM82510TN	M8X25MM SLAM LATCH WITH 10MM NUT	T 30,40,45,60,80 & 90 SERIES PROFILE
SLM83010TN	M8X30MM SLAM LATCH WITH 10MM NUT	T 30,40,45,60,80 & 90 SERIES PROFILE
SLM84010TN	M8X40MM SLAM LATCH WITH 10MM NUT	T 30,40,45,60,80 & 90 SERIES PROFILE
SLM86010TN	M8X60MM SLAM LATCH WITH 10MM NUT	T 30,40,45,60,80 & 90 SERIES PROFILE



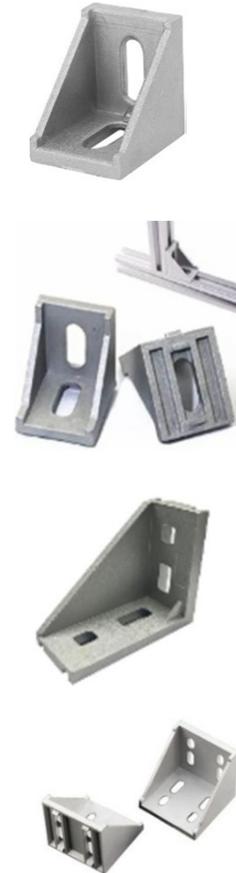
PROFILE END CAPS

PART NO	DESCRIPTION	APPLICATION
PEC2020	20x20 PROFILE END CAP	20X20 PROFILE
PEC2040	20x40 PROFILE END CAP	20X40 PROFILE
PEC3030	30X30 PROFILE END CAP	30X30 PROFILE
PEC3030R	30X30 RADIUS PROFILE END CAP	30X30 PROFILE
PEC3060	30X60 PROFILE END CAP	30X60 PROFILE
PEC4040	40X40 PROFILE END CAP	40X40 PROFILE
PEC4040R	40X40 RADIUS PROFILE END CAP	40X40 PROFILE
PEC4080	40X80 PROFILE END CAP	40X40 PROFILE
PEC4545	45X45 PROFILE END CAP	45X45 PROFILE
PEC4545R	45X45 RADIUS PROFILE END CAP	45X45 PROFILE
PEC4560	45X60 PROFILE END CAP	45X45 PROFILE
PEC4590	45X90 PROFILE END CAP	45X45 PROFILE
PEC5050	50X50 PROFILE END CAP	50X50 PROFILE
PEC6060	60X60 PROFILE END CAP	60X60 PROFILE
PEC8080	80X80 PROFILE END CAP	80X80 PROFILE
PEC9090	90X90 PROFILE END CAP	90X90 PROFILE



L BRACKETS

PART NO	DESCRIPTION	APPLICATION
LB242020	20x20 L Bracket	20X20 PROFILE
LB242040	20x40 L Bracket	20X40 PROFILE
LB243030	30X30 L Bracket	30X30 PROFILE
LB243060	30X60 L Bracket	30X30 PROFILE
LB244040	40X40 L Bracket	40X40 PROFILE
LB244080	40X80 L Bracket	40X40 PROFILE
LB244545	45X45 L Bracket	45X45 PROFILE
LB244590	45X90 L Bracket	45X45 PROFILE
LB246060	60X60 L Bracket	60X60 PROFILE
LB248080	80X80 L Bracket	80X80 PROFILE
LB249090	90X90 L Bracket	90X90 PROFILE



PROFILE COVER

PART NO	DESCRIPTION	APPLICATION
PC20203M	20x20 Profile Cover 3Mtr Length	20 SERIES PROFILE
PC30303M	30x30 Profile Cover 3Mtr Length	30 SERIES PROFILE
PC40403M	40x40 Profile Cover 3Mtr Length	40 SERIES PROFILE
PC45453M	45x45 Profile Cover 3Mtr Length	45 SERIES PROFILE



CUBIC CONNECTORS

PART NO	DESCRIPTION	APPLICATION
CC242020 - 2D	CUBIC CONNECTORS 20X20 -2D	20X20 PROFILE
CC242020 - 3D	CUBIC CONNECTORS 20X20 -3D	20X20 PROFILE
CC243030 - 2D	CUBIC CONNECTORS 30X30 -2D	30X30 PROFILE
CC243030 - 3D	CUBIC CONNECTORS 30X30 -3D	30X30 PROFILE
CC244040 - 2D	CUBIC CONNECTORS 40X40 -2D	40X40 PROFILE
CC244040 - 3D	CUBIC CONNECTORS 40X40 -3D	40X40 PROFILE
CC244545 - 2D	CUBIC CONNECTORS 45X45 -2D	45X45 PROFILE
CC244545 - 3D	CUBIC CONNECTORS 45X45 -3D	45X45 PROFILE



CORNER BRACKETS

PART NO	DESCRIPTION	APPLICATION
CB242020	CORNER RADIUS BRACKET 20X20	20X20 PROFILE
CB243030	CORNER RADIUS BRACKET 30X30	30X30 PROFILE
CB244040	CORNER RADIUS BRACKET 40X40	40X40 PROFILE
CB244545	CORNER RADIUS BRACKET 45X45	45X45 PROFILE



3 WAY CONNECTORS

PART NO	DESCRIPTION	APPLICATION
3WC2020	3 WAY CONNECTORS 20X20	20X20 PROFILE
3WC3030	3 WAY CONNECTORS 30X30	30X30 PROFILE
3WC4040	3 WAY CONNECTORS 40X40	40X40 PROFILE



T NUTS

PART NO	DESCRIPTION	APPLICATION
TN6M4	M4-6MM T-NUT	20x20 PROFILE
TN6M5	M5-6MM T-NUT	20x20 PROFILE
TN8M4	M4-8MM T-NUT	30x30 PROFILE
TN8M5	M5-8MM T-NUT	30x30 PROFILE
TN8M6	M6-8MM T-NUT	30x30 PROFILE
TN10M4	M4-10MM T-NUT	40,45,60,80 & 90 SERIES PROFILE
TN10M5	M5-10MM T-NUT	40,45,60,80 & 90 SERIES PROFILE
TN10M6	M6-10MM T-NUT	40,45,60,80 & 90 SERIES PROFILE
TN10M8	M8-10MM T-NUT	40,45,60,80 & 90 SERIES PROFILE



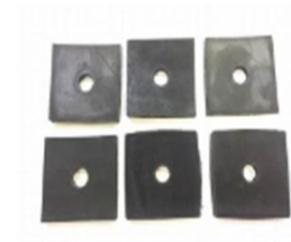
FLANGE NUT

PART NO	DESCRIPTION	APPLICATION
FN-M817D	M8X17 DIA FLANGE NUT	40,45,60,80 & 90 SERIES PROFILE
FN-M821D	M8X21 DIA FLANGE NUT	40,45,60,80 & 90 SERIES PROFILE



T SLOT NUT

PART NO	DESCRIPTION	APPLICATION
TSN06-M4	M4 - 6MM T SLOT NUT	20x20 PROFILE
TSN06-M5	M5-6MM T SLOT NUT	20x20 PROFILE
TSN08-M4	M4-8MM T SLOT NUT	30x30 PROFILE
TSN08-M5	M5-8MM T SLOT NUT	30x30 PROFILE
TSN08-M6	M6-8MM T SLOT NUT	30x30 PROFILE



RHOMBUS NUT

PART NO	DESCRIPTION	APPLICATION
RN-M4	M4 RHOMBUS NUT	40,45,60,80 & 90 SERIES PROFILE
RN-M5	M5 RHOMBUS NUT	40,45,60,80 & 90 SERIES PROFILE
RN-M6	M6 RHOMBUS NUT	40,45,60,80 & 90 SERIES PROFILE
RN-M8	M8 RHOMBUS NUT	40,45,60,80 & 90 SERIES PROFILE



UNIBLOCK

PART NO	DESCRIPTION	APPLICATION
UB08	8MM UNIBLOCK	30x30 PROFILE
UB10	10MM UNIBLOCK	40,45,60,80 & 90 SERIES PROFILE



ROLL IN T SLOT NUT

PART NO	DESCRIPTION	APPLICATION
RTSN - M4	ROLL IN T SLOT NUT M4	40,45,60,80 & 90 SERIES PROFILE
RTSN - M5	ROLL IN T SLOT NUT M5	40,45,60,80 & 90 SERIES PROFILE
RTSN - M6	ROLL IN T SLOT NUT M6	40,45,60,80 & 90 SERIES PROFILE
RTSN - M8	ROLL IN T SLOT NUT M8	40,45,60,80 & 90 SERIES PROFILE
RTSN-M8-B	ROLL IN T SLOT NUT M8 WITH BALL	40,45,60,80 & 90 SERIES PROFILE



ALLEN HEAD BOLT

PART NO	DESCRIPTION	APPLICATION
AB16PM408	M4X8MM MS PLATED ALLEN BOLT	30,40,45,60,80 & 90 SERIES PROFILE
AB16PM612	M6X12MM MS PLATED ALLEN BOLT	30,40,45,60,80 & 90 SERIES PROFILE
AB16PM816	M8X16MM MS PLATED ALLEN BOLT	40,45,60,80 & 90 SERIES PROFILE
AB16PM820	M8X20MM MS PLATED ALLEN BOLT	40,45,60,80 & 90 SERIES PROFILE
AB16PM508	M5X8MM ALLEN BOLT	30,40,45,60,80 & 90 SERIES PROFILE
AB16PM516	M5X16MM ALLEN BOLT	30,40,45,60,80 & 90 SERIES PROFILE



COUNTERSUNK BOLT

PART NO	DESCRIPTION	APPLICATION
CSK16PM616	M6X16MM MS PLATED CSK BOLT	40,45,60,80 & 90 SERIES PROFILE
CSK16PM620	M6X20MM MS PLATED CSK BOLT	40,45,60,80 & 90 SERIES PROFILE



GUIDE ROLLERS

PART NO	DESCRIPTION	APPLICATION
PGR7070	70X70MM PROFILE GUIDE ROLLER SET	40,45,60,80 & 90 SERIES PROFILE
GR48D	48 DIA GUIDE ROLLER	40,45,60,80 & 90 SERIES PROFILE
IPRS4040	40x40 INLINE PROFILE ROLLER SET	40,45,60,80 & 90 SERIES PROFILE
IGR48D	48 DIA INLINE GUIDE ROLLER	40,45,60,80 & 90 SERIES PROFILE



RUBBER PROFILES

PART NO	DESCRIPTION	APPLICATION
PRP08	8MM PANEL RUBBER PROFILE	40,45,60,80 & 90 SERIES PROFILE
PRP10	10MM PANEL RUBBER PROFILE	40,45,60,80 & 90 SERIES PROFILE



HANGER FOR TOOLS

PART NO	DESCRIPTION	APPLICATION
TH001	TOOL HANGER	40,45,60,80 & 90 SERIES PROFILE
THH001	TOOL HANGER HOOK	40,45,60,80 & 90 SERIES PROFILE



FLOOR BRACKET

PART NO	DESCRIPTION	APPLICATION
FBR20088	FLOOR BRACKET 200X88	40,45,60,80 & 90 SERIES PROFILE



QUICK CONNECTORS

PART NO	DESCRIPTION	APPLICATION
QCS8	QUICK CONNECTORS S8	30x30 PROFILE
QCS10	QUICK CONNECTORS S10	40,45,60,80 & 90 SERIES PROFILE
BQCS8	BENDABLE QUICK CONNECTORS S8	30x30 PROFILE
BQCS10	BENDABLE QUICK CONNECTORS S10	40,45,60,80 & 90 SERIES PROFILE



CLAMP LEVER

PART NO	DESCRIPTION	APPLICATION
HLM816	M8 X 16L HANDLE LEVER	40,45,60,80 & 90 SERIES PROFILE



BALL CATCHES

PART NO	DESCRIPTION	APPLICATION
BC7070	70X70MM BALL CATCH	40,45,60,80 & 90 SERIES PROFILE
MC4030	40X30MM MAGNET CATCH	40,45,60,80 & 90 SERIES PROFILE



LATCHES

PART NO	DESCRIPTION	APPLICATION
SL7080	70X80MM SLAM LATCH BLACK	40,45,60,80 & 90 SERIES PROFILE
SL8584	85X 84MM SLAM LATCH GREY	40,45,60,80 & 90 SERIES PROFILE





HEPA FILTERED CLEAN BOOTHS



Electronics Assembly Clean Rooms



HEPA Filtered Clean Booth is a specially designed simple clean room with a variety of cleanliness levels and space collaboration. It is used for advanced particle cleaning to achieve clean room standards. Clean Booth is made from a robust aluminum extrusion frame structure that is easy to maintain and clean. It is widely used in sterile opening environments of medicine, biotechnology, food, and other industries to provide a highly clean working environment.

Used in Pharmaceutical, Experimental drugs, Processing formula, electronics, medicine, food, precision instruments, biochemical and chemical industries..

We offer **Customized Cleanrooms** designed and manufactured to meet your specifications. Our electronics assembly cleanrooms provide:

- HEPA filtration
- Positive/negative air pressure
- Temperature control
- Monitoring systems
- and more

HEPA FILTERED CLEAN BOOTH SPECIFICATIONS

MODEL	CAPLCB-01	CAPLCB-02	CAPLCB-03	CAPLCB-04
Clean Level	ISO 5(Class100),Class A			
HEPA Filter	99.999% efficiency at 0.3pm			
FFU Nos	4pcs	6pcs	12pcs	25pcs
Control System				
Structure	Microprocessor control system 0.1-0.6m/average 0.45m/s			
Wall material	Anti-static dustproof curtain			
Blower	Aluminium Extrusions			
Illumination Lamp	16Wx1 LED Lamp,Illumination:2:500lux	16Wx2 LED Lamp,Illumination:2:500lux	16Wx3 LED Lamp,Illumination:2:500lux	16Wx5 LED Lamp,Illumination:2:500lux
Air Velocity	0.1-0.6m/average 0.45m/s			
Size	2000x1500x2530 mm	3000x2000x2530 mm	4000x3000x2530 mm	5000x5000x2530 mm
Consumption	800 W	1500 W	2800 W	5000 W
Noise	≤75 dB			
Power Supply	AC220V±10%, 60Hz/50Hz;110V±10%, 60Hz			

HEPA FILTER SPECIFICATIONS

MODEL	HEPA-1	HEPA-2	HEPA-3	HEPA-4
Air Velocity	0.45m/s±20%			
HEPA Filter	HEPA Filter 99.999% efficiency at 0.3µm			
Shell Material	Shell Material Aluminium coated zinc plate			
Blower	Blower Built-in centrifugal blower			
Noise	Noise ≤60dB			
HEPA Filter Size (WxDxH)	970x69x570mm	1170x69x570m m	1470x69x570m m	1770x69x570m m
External Size (WxDxH)	975x575x380m m	1175x575x380m m	1475x575x380m m	1775x575x380m m
Gross Weight	60kg	70kg	90kg	110kg
Consumption	110W		220W	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 50/60Hz			



EXTRUSION PROFILE CHART

Alu. Profile	Height x Width mm	I cm ⁴	W cm ³	L - length [mm]		500		1000		2000		
				F - Max. Force/Load N	kg	f - Deflect. mm	F - Max. Force/Load N	kg	f - Deflect. mm	F - Max. Force/Load N	kg	f - Deflect. mm
30x30	30x30	2,76	1,84	883,2	90,0	0,3	441,6	45,0	1,2	220,8	22,5	4,8
30x30 R	30x30R	2,48	1,43	686,4	70,0	0,3	343,2	35,0	1,0	171,6	17,5	4,1
30x60	30x60	5,28	3,52	1689,6	172,2	0,3	844,8	86,1	1,2	422,4	43,1	4,8
	60x30	19,03	6,34	3043,2	310,2	0,1	1521,6	155,1	0,6	760,8	77,6	2,4
30x90	30x90	7,58	5,23	2510,4	255,9	0,3	1255,2	128,0	1,2	627,6	64,0	4,9
	90x30	59,48	13,22	6345,6	646,9	0,1	3172,8	323,4	0,4	1586,4	161,7	1,6
40x40	40x40	7,62	3,81	1828,8	186,4	0,2	914,4	93,2	0,9	457,2	46,6	3,6
40x40 1S	40x40C1	7,65	3,82	1833,6	186,9	0,2	916,8	93,5	0,9	458,4	46,7	3,6
	4025x40	8,45	3,03	1455,4	148,4	0,2	727,7	74,2	0,6	363,8	37,1	2,6
40x40 2S	40x402S	8,45	2,88	1382,4	140,9	0,2	691,2	70,5	0,6	345,6	35,2	2,4
40x80	40x80	55,72	13,93	6686,4	681,6	0,1	3343,2	340,8	0,4	1671,6	170,4	1,8
45x45 L	45x45	11,46	5,10	2448,0	249,5	0,2	1224,0	124,8	0,8	612,0	62,4	3,2
45x45 H	45x45	15,04	6,68	3206,4	326,9	0,2	1603,2	163,4	0,8	801,6	81,7	3,2
	45x45 1S	12,45	5,72	2745,6	279,9	0,2	1372,8	139,9	0,8	686,4	70,0	3,3
45x45 2S	4525x45	12,52	3,98	1910,4	194,7	0,1	955,2	97,4	0,6	477,6	48,7	2,3
	45x452S	12,52	4,09	1963,2	200,1	0,1	981,6	100,1	0,6	490,8	50,0	2,3
45x45 R	45x45R	9,14	3,53	1694,4	172,7	0,2	847,2	86,4	0,7	423,6	43,2	2,8
45x60	45x60	21,58	9,59	4603,2	469,2	0,2	2301,6	234,6	0,8	1150,8	117,3	3,2
45x90 L	45x90	22,27	9,90	4752,0	484,4	0,2	2376,0	242,2	0,8	1188,0	121,1	3,2
45x90 H	45x90	31,15	13,84	6643,2	677,2	0,2	3321,6	338,6	0,8	1660,8	169,3	3,2
45x135	45x135	45,32	20,14	9667,2	985,4	0,2	4833,6	492,7	0,8	2416,8	246,4	3,2
60x60	60x60	40,85	17,30	8304,0	846,5	0,2	4152,0	423,2	0,8	2076,0	211,6	3,0
60x90	60x90	90,32	30,11	14452,8	1473,3	0,1	7226,4	736,6	0,6	3613,2	368,3	2,4
80x80	80x80	116,72	29,18	14006,4	1427,8	0,1	7003,2	713,9	0,4	3501,6	356,9	1,8
90x90 L	90x90	195,39	43,42	20841,6	2124,5	0,1	10420,8	1062,3	0,4	5210,4	531,1	1,6
90x90 H	90x90	288,35	64,08	30758,4	3135,4	0,1	15379,2	1567,7	0,4	7689,6	783,9	1,6

HOW TO CHOOSE PROFILES

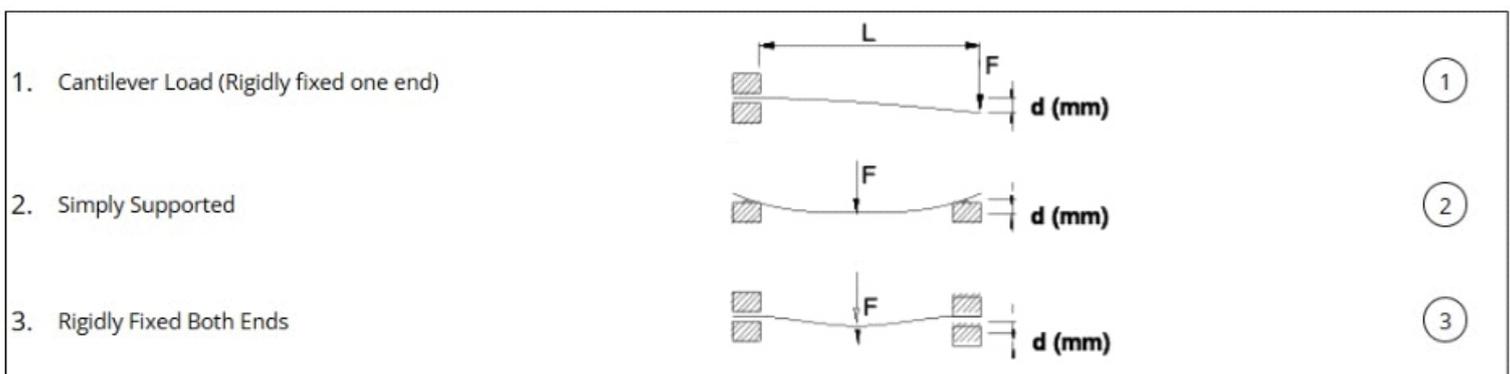
CHOOSING THE CORRECT ULTRAXIS PROFILE YOUR APPLICATION

These instructions will aid the selection of a Ultraxis profile when a point load is applied. Steps A to E refer to paths which should be followed on the diagram opposite. The paths will confirm or deny an estimate of the correct ultraxis profile for any given application.

For calculation of other loading types please refer to relevant mechanical texts.

The diagram is a graphic representation of the deflection calculation

It will be necessary to differentiate between the three loading types:



Procedure for determining the deflection of an Ultraxis profile when the following details are known:

Applied Load, Unsupported Length, and selected profiles size (an estimate will need to be made of the most suitable size at this stage.

- A.** Find the applied load on y1 axis. draw a horizontal line from that points across the graph.
- B.** Now find the unsupported length L on the X - axis From this point, draw a vertical line upwards through the graph.
- C.** Find the intended section moment of inertia on the Y2 axis (values for ultraxis profiles standard size are shown in the table to the right of the graph). From this point, draw a second horizontal line across the graph.
- D.** Draw a line through the intersection of the lines A & B, parallel to the diagonal lines running across the graph and intersect this new diagonal with line C.
- E.** From the point at which line D intersects with line C, draw a vertical line up the graph; this line should cross through the relevant logarithmic scale (load type 1,2 or 3 above). The deflection for the given loading condition can be read from the scale.

Step A to E may also be used in a variety of sequences, depending on the variables shown. See Below:

To find the optimum optimum ultraxis profile size when maximum deflection. Applied load and Unsupported length are know, use the following sequence.

A B E D C

To find the maximum Load for a given profile size, when maximum deflection and Unsupported length are known, use:

C E B D A

To find the Maximum Load for a given profile size, when maximum deflection and applied load are known, use:

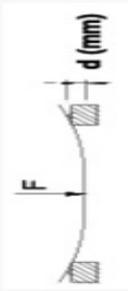
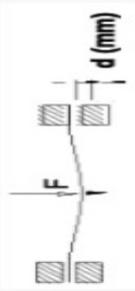
C E A D B



DEFLECTION CALCULATION

Note: These deflection calculations can be replaced by referring to "Choosing the Correct Utraxis Profile for your application", though results achieved graphically will be more approximate

Deflection of Profile under Static Point Loading

$d_1 = \frac{F \times L^3}{3E \times 10^4}$	 <p>1 Cantilever (Rigidly fixed one end)</p>
$d_2 = \frac{F \times L^3}{48E \times 10^4}$	 <p>2 Simply Supported</p>
$d_3 = \frac{F \times L^3}{192E \times 10^4}$	 <p>3 Rigidly Fixed Both Ends</p>

Deflection of Profile under it's own weight (referring to the diagram on the left)

$d_1 = \frac{9.81 \times P \times L^4}{8E \times 10^7}$

$d_2 = \frac{5 \times 9.81 \times P \times L^4}{384E \times 10^7}$

$d_3 = \frac{9.81 \times P \times L^4}{384E \times 10^7}$

Maximum allowable bending stress (referring to the diagram on the left)

$\max \sigma = 200N/mm^2$

$1 = \frac{F \times L}{W \times 10^3}$

$2 = \frac{F \times L}{4W \times 10^3}$

$3 = \frac{F \times L}{8W \times 10^3}$





ESD BELT CONVEYORS



INCLINED CONVEYORS



ESD WORKSTATIONS





FREE FLOW CHAIN CONVEYORS



ASSEMBLY LINE WORKSTATIONS





GRAVITY CONVEYORS

INDUSTRIAL WORKSTATIONS



PCB MOMENT STATIONS

PALLET CONVEYORS

CLEAN BOOTHS



PIPES & JOINTS STRUCTURES



ABS FIFO RACKS



SS FIFO RACKS



ABS WORKSTATIONS



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