



CINE SUPPORT
SOLUTIONS



Key to symbols



Minimum Height



Maximum Height



Closed Length



Footprint Diameter



Weight



Spigot Size



Socket Size



Grip Head Size



Suggested Wheels



Maximum Evenly Distributed Load on Level Ground



Patented



German Safety Standard

The products with the TÜV-GS symbol are developed and tested in accordance with DIN 15560 norm.

B CB J

Ordering

Products may be ordered by using the product code together with its title. Optional Black (B) finish, Black Chrome (CB) finish, and 17mm female attachment (J) versions are available where indicated. Add B, CB, or J to the product code when ordering.

i.e.

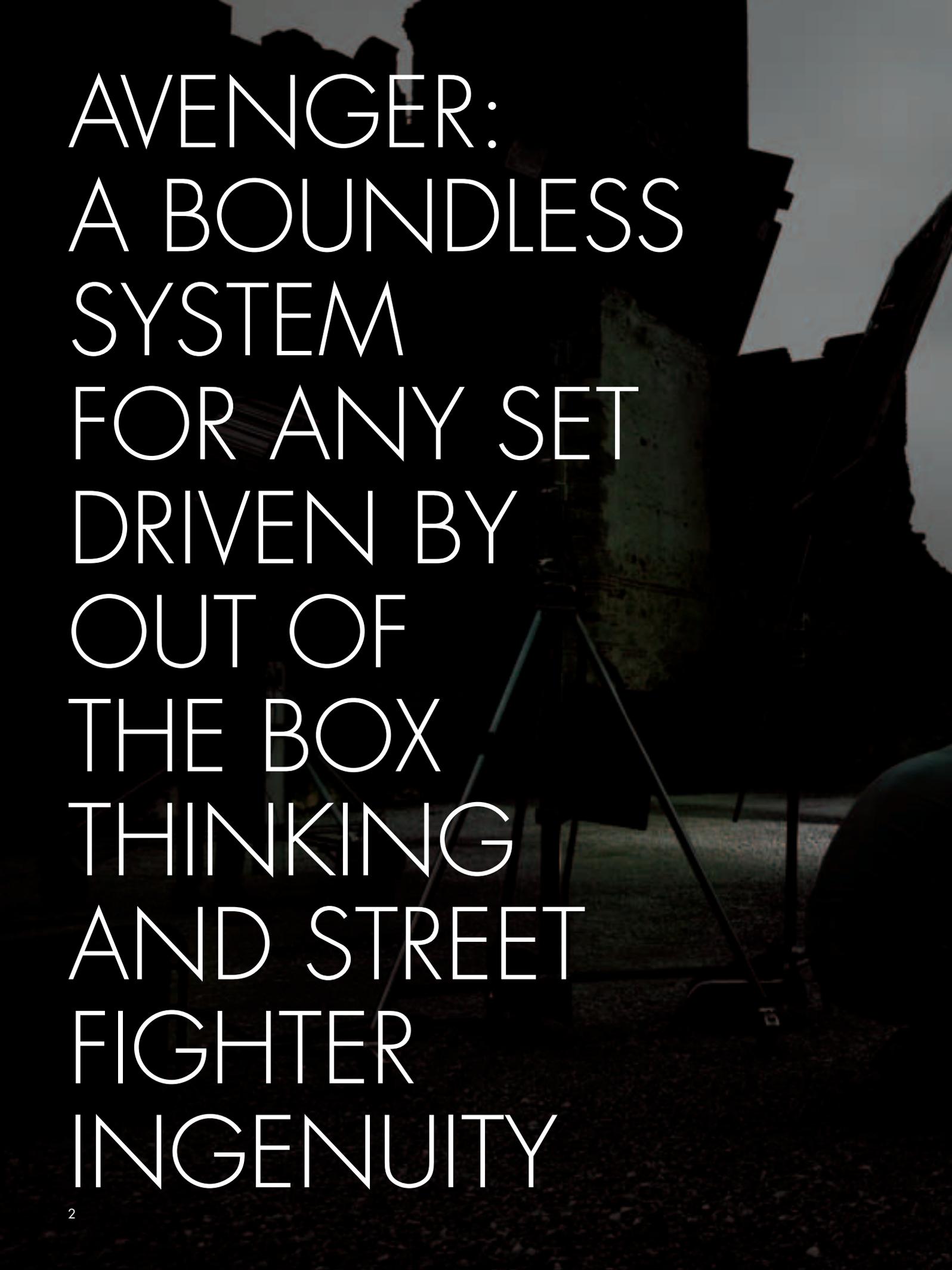
A2025F CB J

Lighting Stand don't fall inside the European directive 98/37/CE and for this reason they don't need "CE" mark



All Avenger products are designed, engineered and made in Italy

 **AVENGER**



AVENGER:
A BOUNDLESS
SYSTEM
FOR ANY SET
DRIVEN BY
OUT OF
THE BOX
THINKING
AND STREET
FIGHTER
INGENUITY





The AVENGER brand was born 20 years ago, answering to the need of the photo and cine market of having a boundless product for any set. Product quality is the hallmark of this range, which can withstand extreme use, rough atmospheric conditions, very high stress and heavy loads. All products have been designed under the supervision of the most demanding film grippers to match

the strict quality standards and performance needs of the motion picture industry. The result is a complete range of inexhaustible articles that praises some of the most famous products in the cine market: such as the Super Clamp, the Wind Up Stand and the Magic Arm, worldwide famous for their efficiency, ease of use, and reliability. In just one word: all the



Avenger gear truly represents the concept of "problem solver". Today Avenger is part of the Vitec Group, a multi-national company listed in London Stock Exchange that supplies the best products and services for the photo/cine and entertainment area, such as Vinten, Sachtler, Manfrotto and Gitzo. Safety for everyone is a top priority for Avenger. Our world class research

and development team meticulously work to satisfy all the DIN15560 international safety regulations also obtaining certifications such as the TÜV-GS, ISO9001 and ISO14001. Avenger is also proud to be present worldwide with a capillary distribution net, offering a top quality service both before and after sales, supporting the clients from the right choice of the product until providing

every single spare part needed. What better way to celebrate the 20th anniversary, than a brand new catalogue presenting some of the newest products that will be added to the already rich and complete range of Avenger products and a new dedicated website, www.avenger-grip.com, featuring all the product news, and with much information and curiosities on the Avenger world.

PRODUCTS



STANDS

8

LIGHT CONTROL

40

SYSTEMS

54

ACCESSORIES

84



STANDS





The Avenger stand range includes several product families, featuring different designs and materials depending both on the applications they are intended for and on the light type they have to support. These supports have been designed to be both safe and reliable. For that reason, all materials are top quality and are tested in order to withstand extreme uses in rough weather conditions.

STANDS PROPERTIES



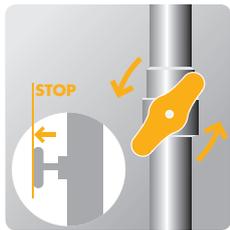
Aluminium and Steel versions available. Alu Stand for lightness and steel stand for robustness and durability.



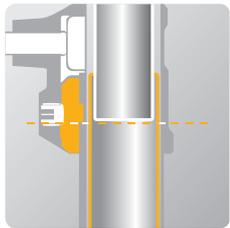
Levelling leg available in all the stands for ease of use on all different floor types. A fundamental feature for outdoor applications.



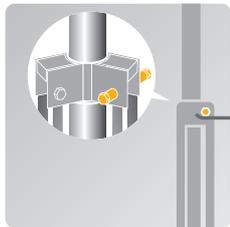
All the components are assembled using bolts (no rivets) for extra rigidity and easy maintenance if required.



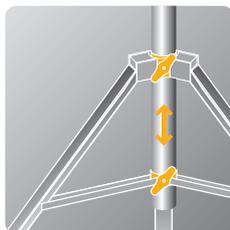
Captive handle: thanks to this special machining on the threads, it is impossible to loose the handle even if completely unscrewed.



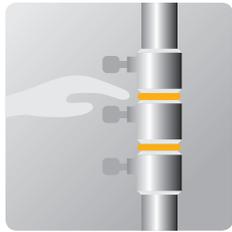
Captive collars: thanks to a special design, even if the user unscrews the locking nut, of this component the inner alu insert and dedicated machining of the tube does not allow for the column to separate.



Storing Device: this clever component permits easy and safe storage during transportation or in the warehouse.



Mobile Column: thanks to the double handles on the spider casting, the stand becomes more stable when lowering the central column on to the ground.



Dedicated design of the collars.
It avoids any fingers pinching.



All the bases are made of square tubes
in order to guarantee the best stability.



All the aluminium columns are
assembled using electro-welded tubes.
These components offer a higher stress
resistance (bending and breaking)
compared with the traditional
extruded tubes.



All the strategic aluminium components
which have to guarantee safety of the
product are made using the Gravity
Casting technology. This process
excludes any possibility of having
air bubbles getting into the casting.



Welded spigot (steel version)
guarantees the highest mechanical
performance and reliability during
the products working life.

CODE REFERENCES

A 10 45 CS

stands type	stands family	maximum height	material and attachment
A Standard Collars	00 Baby	(45 - 4,5m)	CS Chrome Steel
B Wind Stand	10 Combo		B Alu Black
	20 Century		X Inox
	30 Overhead		CB Chrome Black Steel
	40 Boom		J Japanese attachment
	50 Roller		
	60 Wind Up		
	70 Strato Safe		

CENTURY STANDS



A2033FKIT C-STAND KIT 33

Chrome plated steel stand.
3 sections, 2 risers. \varnothing : 35, 30, 25mm. Leg \varnothing : 25mm.

includes:
A2033F C-STAND
D200 2" GRIP HEAD
D520 40" EXTENSION GRIP ARM

A2033LKIT C-STAND KIT 33 SLIDING LEG

Chrome plated steel stand.
3 sections, 2 risers. \varnothing : 35, 30, 25mm. Leg \varnothing : 25mm.

includes:
A2033L C-STAND
D200 2" GRIP HEAD
D520 40" EXTENSION GRIP ARM

A2030DKIT C-STAND KIT 30 DETACHABLE

Chrome plated steel stand.
3 sections, 2 risers. \varnothing : 35, 30, 25mm. Leg \varnothing : 25mm.

includes:
A2030D C-STAND
D200 2" GRIP HEAD
D520 40" EXTENSION GRIP ARM

KIT

A2018F**CB J****C-STAND 18**

 84cm
  175cm
  84cm
  95cm
  4,3kg

 8kg
  16mm
  5/8"

Chrome plated steel stand.
3 sections, 2 risers.
Ø: 35, 30, 25mm. Leg Ø: 25mm.

A2025F**CB J****C-STAND 25**

 110cm
  253cm
  110cm
  95cm
  4,8kg

 10kg
  16mm
  5/8"

Chrome plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

A2033F**CB J****C-STAND 33**

 134cm
  328cm
  134cm
  95cm
  5,5kg

 10kg
  16mm
  5/8"

Chrome plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

STANDARD BASE

A2018F



A2018L

SLIDING LEG**A2018L****CB J****C-STAND 18 SLIDING LEG**

 84cm
  175cm
  84cm
  95cm
  4,3kg

 8kg
  16mm
  5/8"

Chrome plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

A2025L**CB J****C-STAND 25 SLIDING LEG**

 110cm
  253cm
  110cm
  95cm
  5,8kg

 10kg
  16mm
  5/8"

Chrome plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

A2033L**CB J****C-STAND 33 SLIDING LEG**

 134cm
  328cm
  134cm
  95cm
  5,5kg

 10kg
  16mm
  5/8"

Chrome plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

CENTURY STANDS



DETACHABLE

A2016D CB J

C-STAND 16 DETACHABLE

 84cm
  155cm
  84cm
  95cm
  5,6kg

 10kg
  28mm
  16mm-5/8"
 1" 1/8
  28mm-1" 1/8

Chrome plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

A2022D CB J

C-STAND 22 DETACHABLE

 110cm
  222cm
  110cm
  95cm
  5,9kg

 10kg
  28mm
  16mm-5/8"
 1" 1/8
  28mm-1" 1/8

Chrome plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

A2030D CB J

C-STAND 30 DETACHABLE

 134cm
  300cm
  134cm
  95cm
  6,2kg

 10kg
  28mm
  16mm-5/8"
 1" 1/8
  28mm-1" 1/8

Chrome plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.



A2014

COLUMN

A2014 **CB** **J**

C-STAND COLUMN 14

 68cm
  139cm
  2,2kg
  16mm-5/8" / 28mm-1" 1/8

3 sections (Ø: 35, 30, 25mm) chrome steel column.

A2020 **CB** **J**

C-STAND COLUMN 20

 95cm
  206cm
  2,8kg
  16mm-5/8" / 28mm-1" 1/8

3 sections (Ø: 35, 30, 25mm) chrome steel column.

A2029 **CB** **J**

C-STAND COLUMN 29

 118cm
  285cm
  3,3kg
  16mm-5/8" / 28mm-1" 1/8

3 sections (Ø: 35, 30, 25mm) chrome steel column.



A2009

BASE

A2009 **CB**

C-STAND BASE

 27cm
  95cm
  3kg
  28mm / 1" 1/8

A2007 **CB**

C-STAND MINI BASE

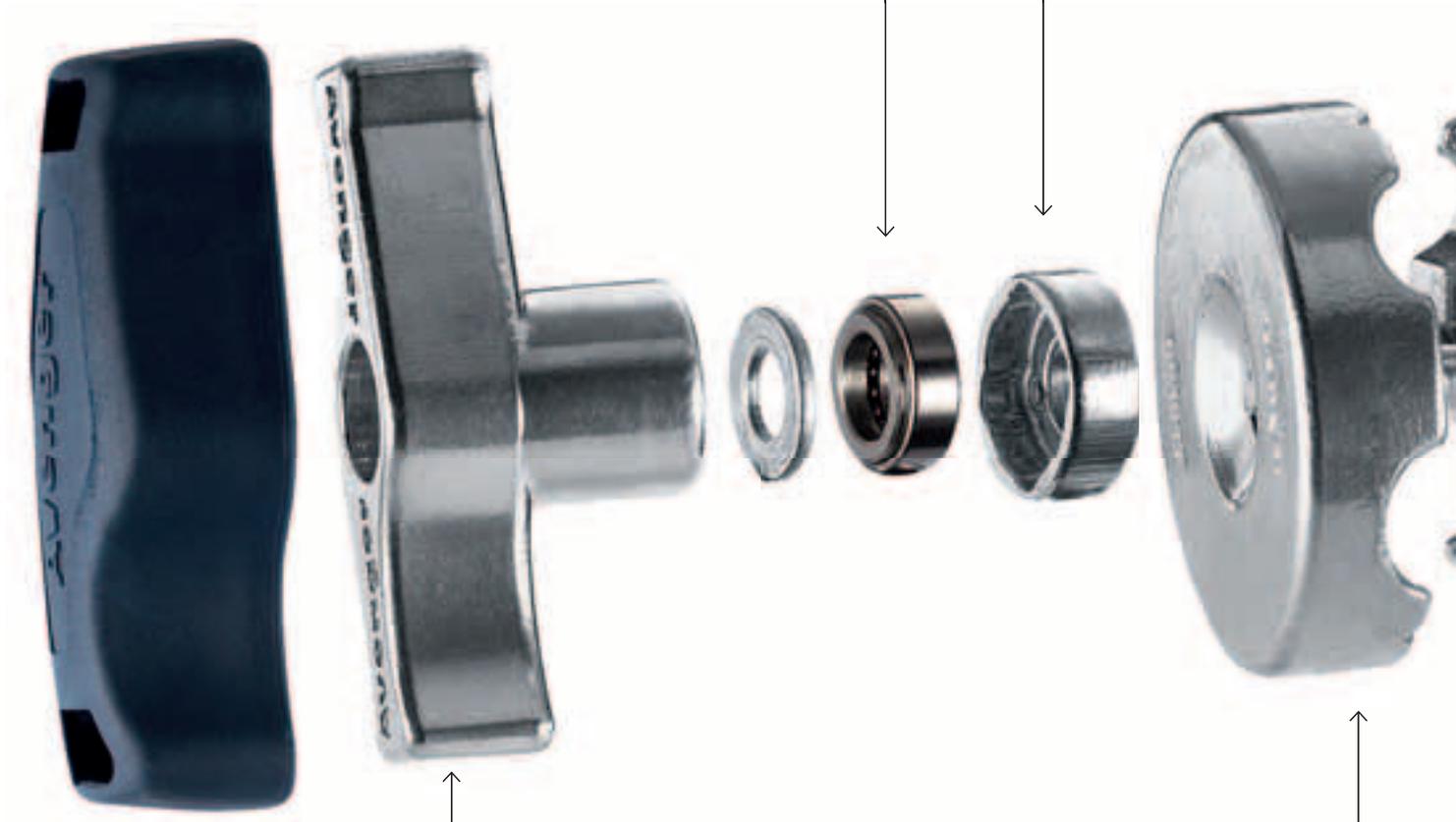
 27cm
  75cm
  2,7kg
  28mm / 1" 1/8

CENTURY **STANDS** ACCESSORIES

T-Top
Rubber covering
for added grip of the
handle (different
colours available
for customization).

Dedicated ball bearing.
Fundamental component
for the highest torque.
(+40% jaw's pressure,
+90% twisting
resistance applied to
the arm).

Bearing jacket to
distribute the pressure
generated.

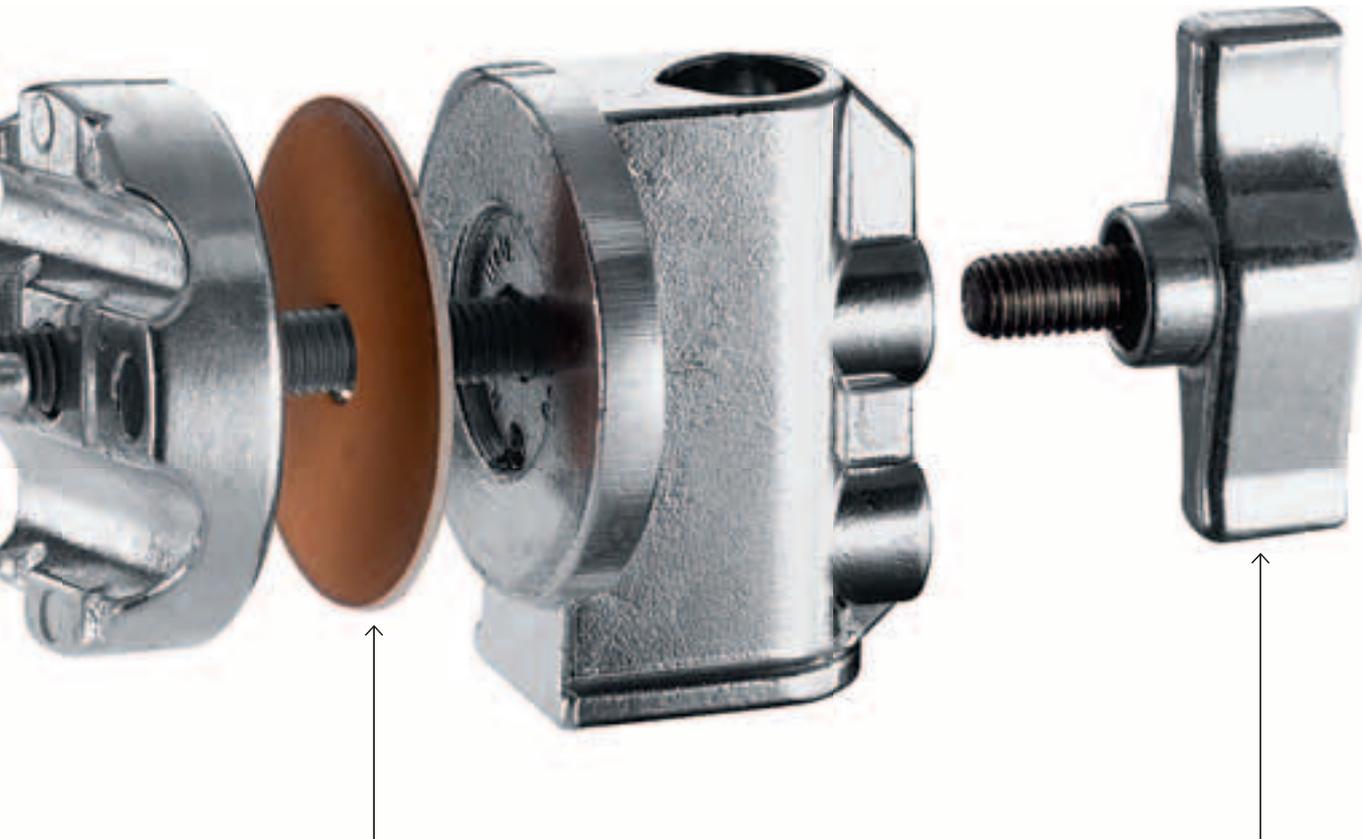


Aluminium handle with
dedicated design for
high locking torque
transmission.

Aluminium jaws.
Four different
gripping diameters
available.

Our Grip Heads have been specifically designed to hold scrims, flags, floppies & cutters mounted on Century Stands, or butterfly frames mounted on Overhead Stands during film, video or photo shoots. Extension offset arms, used in combination with Grip Heads, provide an extended grip point for scrims, flags and small lights, and are available in two lengths: 20" (51cm) and 40" (102cm). The Grip Head can be combined with other accessories to solve most light and light modification accessory positioning problems. Grip Heads are available in two specific diameters, the standard is 2 1/2" the Jumbo version is 4".

Aluminium main body with baby attachment and steel helicoidal inserts.



Disk made by the same material used in the automotive field for excellent friction control.



Aluminium M10 handle.



CENTURY **STANDS** ACCESSORIES



D200 **B**
2"½ GRIP HEAD

0,55kg 16mm
5/8"

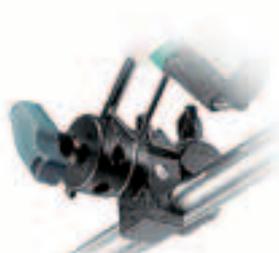
Avenger's most popular grip accessory. The D200 Grip Head has hundreds of functions. Unlike any other Grip Head, the D200 utilizes a series of washers for extra locking torque and the use of automotive-quality brake pad discs for secure, non-slip security.



D210 **B**
SNAP-IN
GRIP HEAD

0,63kg

Combining the multi-functional D200 Grip Head with a hex pin to interface with the original Super Clamp. The D210 allows you to hang flags and scrims in positions that light stands can't reach.



D230 **B**
SUPER CLAMP
GRIP HEAD

0,95kg

Like the D210, this kit includes the D200 Grip Head and the Avenger C1575B Super Clamp.



D220 **B**
GRIP HELPER

1,1kg 16mm
5/8"

Just as the name suggests, the Grip Helper is like three Grip Heads in one. Two independent grip heads sandwich a third with a fixed 16mm pin. This system allows multiple light control accessories to mount in front of fixtures without the need for numerous light stands.



D250 **B**
GAG GOBO

0,46kg

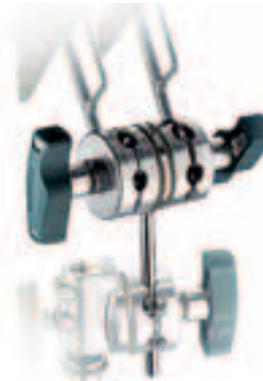
This unique double Grip Head system provides the flexibility of a second grip head allowing hundreds of uses including doubling up scrims and flags.



D240 **B**
GRIP HEAD
WITH SWIVEL PIN

1,25kg

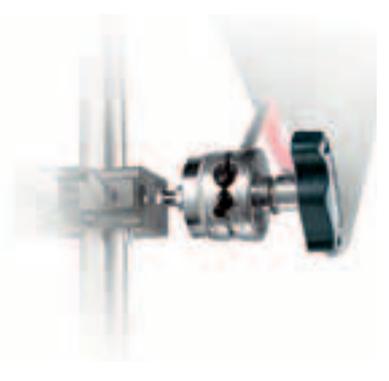
Two famous accessories connected together to assure a wide range of fixing solutions.
Attachments:
16mm male pin + 16mm female socket 28mm male pin.



D100 **B**
DOUBLE GRIP HEAD

0,87kg

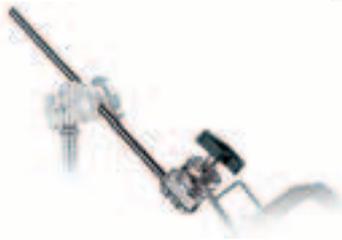
A combination of two sets of Grip Head discs mounted on a steel plate with a 10mm rod.
Attachment: 10x135mm rod.



D260 **B**
ADDA HEAD

0,52kg

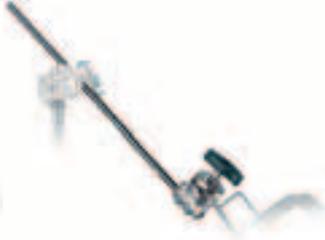
Like the D230, but available as a separate unit. The Add ahead provides quick application of a Grip Head into the Super Clamp system.



D500 | **B**
20" EXTENSION GRIP ARM

1,35kg

Normally used in combination with a Grip Head (art. D200) it provides an extended grip point for scrims and flags. Pipe length 510mm.



D520 | **B**
40" EXTENSION GRIP ARM

1,6kg

Normally used in combination with a Grip Head (art. D200) it provides an extended grip point for scrims and flags or small lights. Pipe length 1020mm.



D550 | **B**
FUN GRIP ARM

1,35kg

With its strong joint it solves all positioning problems of scrim, flags or small lights. 107cm length.



D800KIT
GRIP KIT

Set of accessories that work on their own or in combination with stands to support scrims, flags and lighting fixtures to provide precision and secure control. Kit comprises of:
 D200B Black Grip Head.
 E600 Snap-in 16mm pin.
 D520B Black 40" Extension Arm.
 C1575B Black Super Clamp.
 H4BAG Grip Kit Bag.



D420 | **B**
JUMBO GAG GOBO

1,3kg

This double 4 1/2" (10mm) Grip Head allows for multiple overheads to be used simultaneously.



D400 | **B**
4" 1/2 JUMBO GRIP HEAD

2,35kg 28mm 1" 1/8 28mm 1" 1/8

Designed to convert a Junior Stand into an Overhead Stand, the D400 incorporates a 4-1/2" (10mm) Grip Head with a Junior Stud and receiver.



E600
SNAP-IN PIN

Specifically designed to connect Grid Head to Super Clamp. Aluminium made.

E600C
SNAP-IN PIN

Same as E600, chromed plated steel made.



D050
SET OF 6 BLUE T-TOPS

Rubber cover gives better grip for 80mm T-handles, even in cold weather. Available also in the following colours:
 Red - code D050R
 Yellow - code D050Y
 Green - code D050G
 Light Blue - code D050LB
 Black - code D050B

BABY STANDS



A0003



A0010

A0003 BACKLITE BABY STAND

20cm	98cm	66cm	68cm
1,4kg	4kg	16mm	5/8"

Black steel legs and aluminium riser.
2 sections, 1 riser.
Ø: 25, 20mm. Leg Ø: 16mm.

A0010 BABY STAND 10

52cm	100cm	47cm	43cm
2,5kg	15kg	16mm	5/8"

Steel legs and aluminum risers, silver only.
3 sections, 2 risers. Ø: 35, 30, 25 mm.
Leg: 20x20mm. 1 levelling leg.

A0017 BABY STAND 17

82cm	175cm	73cm	75cm
3,5kg	15kg	16mm	5/8"

Steel legs and aluminum risers, silver only.
3 sections, 2 risers. Ø: 35, 30, 25 mm.
Leg: 20x20mm. 1 levelling leg.

A0025B ALU BABY STAND 25

98cm	250cm	87cm	87cm
3kg	4kg	16mm	5/8"

Black aluminium stand.
3 sections, 2 risers. Ø: 35, 30, 25, 20mm.
Leg: 20x20mm. 1 levelling leg.

ALUMINIUM

STEEL

STEEL BASE AND ALU COLUMN



A0040B



A0040CS

A0030B
ALU BABY
STAND 30

113cm	300cm	100cm	100cm
3,5kg	10kg	16mm 5/8"	

Black aluminium stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20x20mm. 1 levelling leg.

A0035B
ALU BABY
STAND 35

126cm	350cm	112cm	100cm
4kg	9kg	16mm 5/8"	

Black aluminium stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20x20mm. 1 levelling leg.

A0040B
ALU BABY
STAND 40

142cm	400cm	124cm	114cm
4,5kg	9kg	16mm 5/8"	

Black aluminium stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20x20mm. 1 levelling leg.

A0045B
ALU BABY
STAND 45

154cm	450cm	136cm	114cm
4,5kg	10kg	16mm 5/8"	

Black aluminium stand.
4 sections, 3 risers. Ø: 35, 30, 25mm.
Leg: 20x20mm. 1 levelling leg.

A0030CS
STEEL BABY
STAND 30

113cm	300cm	100cm	100cm
6kg	10kg	16mm 5/8"	

Chrome plated steel stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20x20mm. 1 levelling leg.

A0035CS
STEEL BABY
STAND 35

126cm	350cm	112cm	100cm
7kg	9kg	16mm 5/8"	

Chrome plated steel stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20x20mm. 1 levelling leg.

A0040CS
STEEL BABY
STAND 40

142cm	400cm	124cm	114cm
7,5kg	9kg	16mm 5/8"	

Chrome plated steel stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20x20mm. 1 levelling leg.

A0045CS
STEEL BABY
STAND 45

154cm	450cm	136cm	114cm
8kg	25kg	16mm 5/8"	

Chrome plated steel stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20x20mm. 1 levelling leg.

COMBO STANDS

A1020B

ALU COMBO STAND 20

110cm	198cm	93cm	80cm	6kg
25kg	28mm 1" 1/8"	16mm 5/8"	A9000B	

Aluminium legs with aluminium risers.
3 sections, 2 risers. Ø: 45, 40, 35mm.
Leg: 25x25mm. 1 levelling leg.

A1035B

ALU COMBO STAND 35

168cm	350cm	142cm	134cm	7kg
30kg	28mm 1" 1/8"	16mm 5/8"	A9000B	

Aluminium stand.
3 sections, 2 risers. Ø: 45, 40, 35mm.
Leg: 25x25mm. 1 levelling leg.

A1045B

ALU COMBO STAND 45

179cm	450cm	155cm	134cm	7kg
30kg	28mm 1" 1/8"	16mm 5/8"	A9000B	

Aluminium stand.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25x25mm. 1 levelling leg.

ALUMINIUM

A1010CS

STEEL COMBO STAND 10

64cm	100cm	62cm	57cm	4,5kg
30kg	28mm 1" 1/8"	16mm 5/8"	A9000	

Chrome steel stand.
2 sections, 1 riser. Ø: 35, 30mm.
Leg: 20x20mm. 1 levelling leg.

A1020CS

STEEL COMBO STAND 20

110cm	198cm	93cm	80cm	7,8kg
35kg	28mm 1" 1/8"	16mm 5/8"	A9000	

Chrome steel stand.
3 sections, 2 risers. Ø: 45, 40, 35mm.
Leg: 25x25mm. 1 levelling leg.

A1035CS

STEEL COMBO STAND 35

168cm	350cm	142cm	134cm	12kg
40kg	28mm 1" 1/8"	16mm 5/8"	A9000	

Chrome steel stand.
3 sections, 2 risers. Ø: 45, 40, 35mm.
Leg: 25x25mm. 1 levelling leg.

A1045CS

STEEL COMBO STAND 45

179cm	450cm	155cm	134cm	13kg
40kg	28mm 1" 1/8"	16mm 5/8"	A9000	

Chrome steel stand.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25x25mm. 1 levelling leg.

STEEL

PRODUCTS BELOW ARE AVAILABLE AS OPTIONAL



A9000 BRAKED WHEELS

3,3kg	90kg

Ø: 100mm for 20x20 and 25x25mm.
Square legs. Set of three.



D400 4" 1/2 JUMBO GRIPHEAD

2,35kg	28mm 1" 1/8"	28mm 1" 1/8"

Designed to convert a Junior Stand into an Overhead Stand, the D400 incorporates a 4 1/2" (10mm) Grip Head with a Junior Stud and receiver.



A1045B



A1045CS

ROLLER STANDS

A5017

ROLLER STAND 17 FOLDING BASE

 75cm
  170cm
  66cm
  75cm
  6kg

 12kg
  16mm
5/8"

Legs and column in steel, risers in aluminium, complete with wheels. 3 sections, 2 risers. Ø: 35, 30, 25mm. Leg: 20x20mm.



A5033

ROLLER STAND 33 FOLDING BASE

 115cm
  330cm
  105cm
  75cm
  6,3kg

 12kg
  16mm
5/8"

Legs and column in steel, risers in aluminium, complete with wheels. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x40mm.

FOLDING BASE



LOW BASE

A5029

ROLLER STAND 29 LOW BASE

 125cm
  290cm
  123cm
  100cm
  6,4kg

 12kg
  16mm
5/8"

Legs and column in steel, risers in aluminium, complete with wheels. 3 sections, 2 risers. Ø: 35, 30, 25mm. Leg: 20x20mm.

A5043

ROLLER STAND 43 LOW BASE

 146cm
  430cm
  135cm
  106cm
  6,9kg

 12kg
  16mm
5/8"

Legs and column in steel, risers in aluminium, complete with wheels. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm.

A5012

ROLLER STAND 12 FOLDING BASE

 78cm	 120cm	 68cm	 75cm	 8kg
 25kg	 28mm 1" 1/8"	 16mm 5/8"		

Legs and column in steel, risers in aluminium, complete with wheels.
3 sections, 2 risers. Ø: 45, 40, 35mm.
Leg: 20x40mm.



A5034

ROLLER STAND 34 FOLDING BASE

 142cm	 340cm	 132cm	 75cm	 10,7kg
 20kg	 28mm 1" 1/8"	 16mm 5/8"		

Legs and column in steel, risers in aluminium, complete with wheels.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 20x40mm.

FOLDING BASE

LOW BASE

A5036CS

ROLLER STAND 36 LOW BASE

 156cm	 360cm	 130cm	 140cm	 13,6kg
 40kg	 28mm 1" 1/8"	 16mm 5/8"		

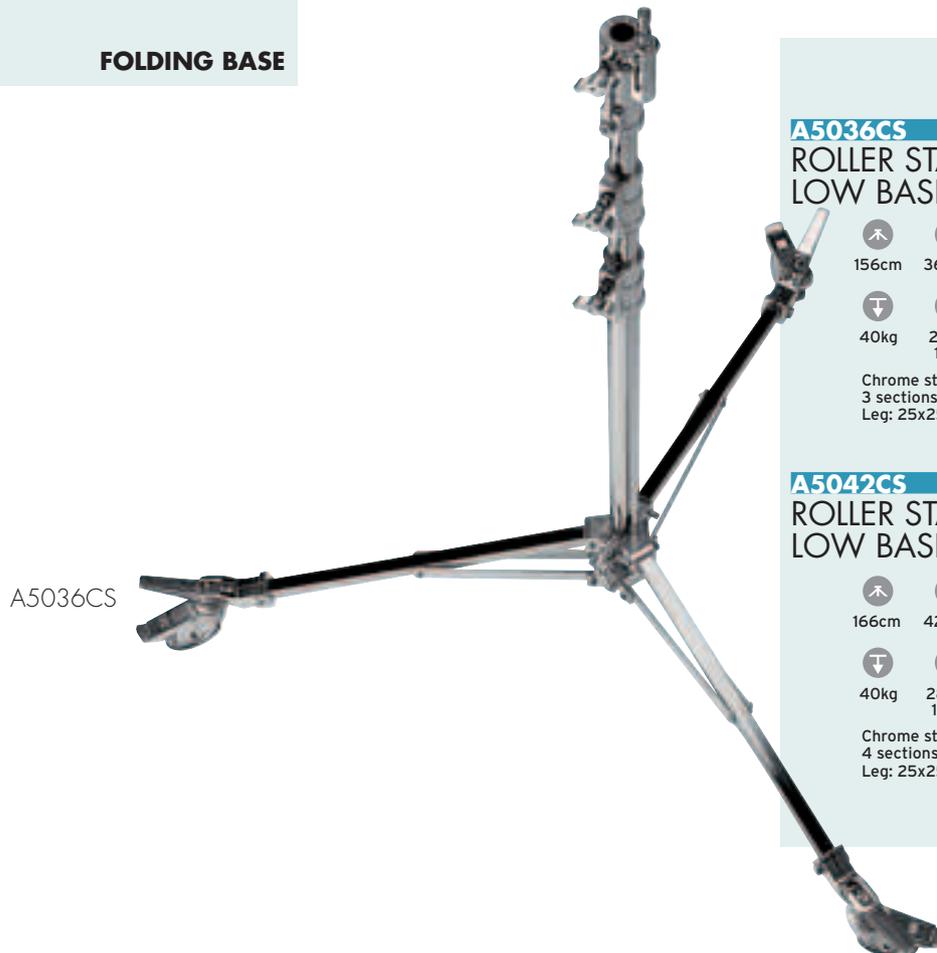
Chrome steel stand, complete with wheels.
3 sections, 2 risers. Ø: 45, 40, 35mm.
Leg: 25x25mm.

A5042CS

ROLLER STAND 42 LOW BASE

 166cm	 420cm	 142cm	 150cm	 15,4kg
 40kg	 28mm 1" 1/8"	 16mm 5/8"		

Chrome steel stand, complete with wheels.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25x25mm.



BOOM STANDS



A4039CS STEEL BOOM STAND 39

131cm	392cm	113cm	109cm	8,4kg
12kg	16mm 5/8"	A9000		

Chrome steel stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20x20mm.
1 levelling leg.

A4041B ALU BOOM STAND 41

139cm	413cm	124cm	129cm	4,6kg
10kg	16mm 5/8"	A9000B		

Supplied with sandbag counterweight (empty)
for maximum stability and smoothness.
Black aluminium stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20x20mm.
1 levelling leg.
Min extension boom 113cm. Max load 15kg.
Max extension boom 213cm. Max load 5kg.



A4050CS
STEEL BOOM STAND 50

- 188cm
 500cm
 165cm
 135cm
 15kg
- 30kg
 28mm 1" 1/8"
 16mm 5/8"
 A9000

Chrome steel stand.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25x25mm.
1 levelling leg.
Min extension boom 155cm. Max load 30kg.
Max extension boom 266cm. Max load 8kg.

PRODUCTS BELOW ARE AVAILABLE AS OPTIONAL



E700
BABY DROP
DOWN PIN

- 0,62kg
 16mm 5/8"
 16mm 5/8"

For a more accurate light positioning: it helps keeping the light in horizontal position independently on the angle of the boom. Specifically designed to be used on boom arm with light attachment with 16mm pin (e.g., D600).



E710
JUNIOR DROP
DOWN PIN

- 1,32kg
 28mm 1" 1/8"
 28mm 1" 1/8"
 16mm 5/8"

Same as E700, designed to be used on boom arm with light attachment with 28mm bushing (e.g., D650 or A700).



A9000
BRAKED WHEELS

- 3,3kg
 90kg

Ø: 100mm for 20x20 and 25x25mm.
Square legs. Set of three.

WIND UP STANDS



B6026CS WIND UP STAND 26

				
153cm	261cm	173cm	152cm	19kg
				
45kg	28mm 1" 1/8"	16mm 5/8"		

Chrome steel stand.
2 sections, 1 riser. Ø: 55, 45mm.
Leg Ø: 30mm.
1 levelling leg.



B6030CS

LOW BASE WIND UP STAND 30

153cm	296cm	175cm	142cm	17,8kg
30kg	28mm 1" 1/8"	16mm 5/8"		

Chrome steel stand.
3 sections, 2 risers. Ø: 55, 45, 38mm.
Leg Ø: 30mm.
1 levelling leg.



B6039CS

WIND UP STAND 39

181cm	390cm	201cm	142cm	24kg
30kg	28mm 1" 1/8"	16mm 5/8"		

Chrome steel stand.
3 sections, 2 risers. Ø: 55, 45, 38mm.
Leg Ø: 30mm.
1 levelling leg.

SUPER WIND UP STANDS

B6029X STAINLESS LOW BASE SUPER WIND UP 29 STAND

140cm 290cm 156cm 130cm 34kg

80kg 28mm
1" 1/8

Stainless steel column and legs, chrome steel risers and geared column. 4 sections, 3 risers.

Ø: 70, 60, 50mm. Leg: Ø 35mm. 1 levelling leg.

Patented



The codes B6035X, B6040X, B7018, B7059FF are assembled using the new foam fill wheels.

B6040X STAINLESS STEEL SUPER WIND UP 40 STAND

172cm 386cm 196cm 180cm 39kg

80kg
28mm
1" 1/8

Heavy lift stand with strengthened stainless steel column and legs, chrome steel risers and geared column. 3 sections Ø: 70, 60, 50mm. 2 risers which extended simultaneously at 4,4cm per handle turn. Safety cable ensures simultaneous retrieval of all sections. Rapid adjustment. Leg Ø 35mm. 1 levelling leg. Complete with braked wheels.

Patented



STRATO SAFE STANDS



B7018



B7035CS

B7018

STRATO SAFE STAND 18

 105cm
  175cm
  126cm
  120cm
  27kg

 100kg
  28mm
 1" 1/8

Aluminium legs with chrome steel column.
 Complete with braked wheels.
 2 sections, 1 riser. Ø: 70, 60mm.
 Leg: 35x35mm.

 Patented

B7035CS

STRATO SAFE STAND 35

 155cm
  350cm
  186cm
  182cm
  64kg

 90kg
  28mm
 1" 1/8

Chrome steel stand complete with braked wheels.
 3 sections, 2 risers. Ø: 90, 80, 70mm.
 Leg: 35x35mm.

 Patented



B7043CS

STRATO SAFE STAND 43

155cm	427cm	185cm	182cm	60kg
70kg	28mm 1" 1/8			

Chrome steel stand complete with braked wheels.
4 sections, 3 risers. Ø: 90, 80, 70, 60mm.
Leg: 35x35mm.

Patented

B7047CS

STRATO SAFE STAND 47

172cm	467cm	209cm	213cm	62kg
70kg	28mm 1" 1/8			

Chrome steel stand complete with braked wheels.
3 sections, 2 risers. Ø: 90, 80, 70mm.
Leg: 35x35mm.
Included Wind Brace Kit B9000W.

Patented

B7043CS

LONG JOHN SILVER **STANDS**





B7057
LONG JOHN SILVER STAND

 177cm
  570cm
  224cm
  240cm
  85kg

 120kg
  28mm
1" 1/8

Heavy duty stand complete with pneumatic braked wheels. 5 sections, 4 risers. Includes Wind Brace Kit B9000W.

 Patented

B7057FF
LONG JOHN SILVER STAND WITH FOAM FILL WHEELS

 177cm
  570cm
  224cm
  240cm
  85kg

 120kg
  28mm
1" 1/8

Heavy duty stand complete with foam fill braked wheels. 5 sections, 4 risers. Includes Wind Brace Kit B9000W.

 Patented

 AVENGER

Long John Silver

HOIST YOUR SAILS TO THE HEIGHTS



THE HISTORY OF LONG JOHN SILVER

When some time ago somebody tried to challenge Avenger in doing something unique and outstanding, they didn't realize what they were up against... a hard core and tough personality, such as Avenger's, has boundless resources. Street fighter attitude and a very sharp ingenuity brought to life this bad guy: Long John Silver. Inspired by the most effective and advanced sailing technologies, Long John Silver is the captain of the Avenger ship. Tough and strong, his presence smells like his seawater soaked and moldy clothes, but he's as majestic as the mainmast of his ship and as sturdy and hard as the mainsail hoisted and swollen by the Caribbean winds. Baptized Long John Silver, the last of the Avengers has its roots deep into the sea and the world of sailing. Its wincher driven hoisting system and the mast-like shape of the column vividly suggest this connection every time you lay your hands on it.

The pirate is ready to set sails for new horizons... get ready to face your destiny!

WWW.AVENGERLJS.COM



LCATLJS.G

THE WORLD
(1707, 1710 - 1781)

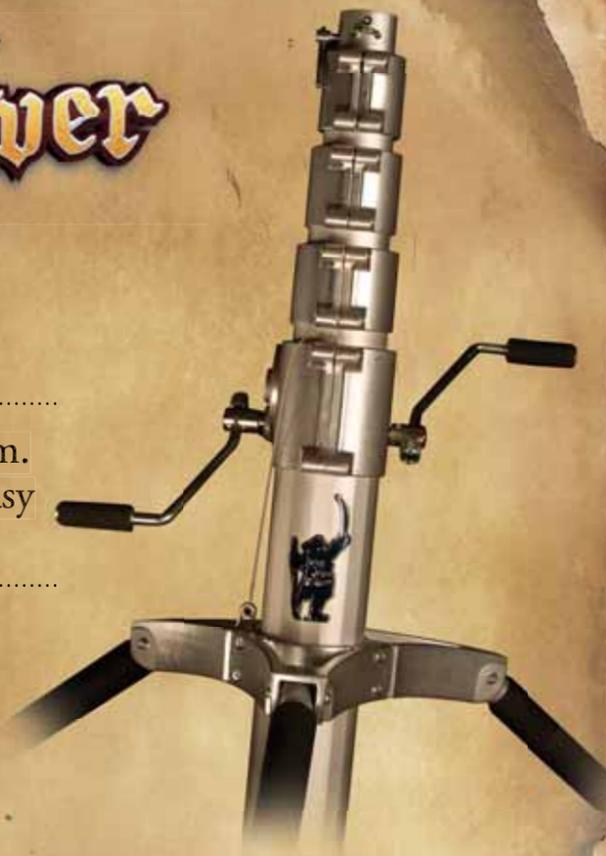
Long John Silver

UP TO 6 METERS – RAISES 120 KG

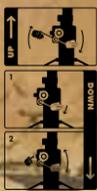
Long John Silver is a wincher driven hoisting system. Last of the Avengers it hoists its loads in just one easy and quick movement.

A 2-year long period of designing and field testing led us to the birth of a product that is specifically studied to raise to 6m the most important lighting loads in the new cine market (in terms of heads and movers) up to 120kg. Long John Silver is designed to meet the most extreme and demanding set situations.

WWW.AVENGERLJS.COM



COMPACT & EASY TO HANDLE



SWIFT LIFT

The swift lift mechanism features a gas piston system that helps the usually very annoying closing operation. A series of polyzene slides and two adjustable rolls guide the lower casting really smooth along the column.



LEVELING LEGS

Long John Silver features three completely adjustable leveling legs, with a double effect mechanism for guide the lower casting smoothly along the column. They have been provided with a comfortable leg warmer, great grip and great feel.



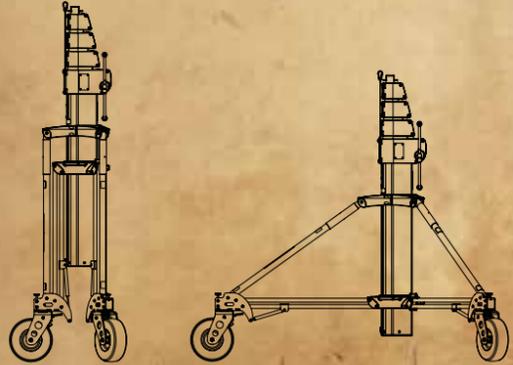
SWIVEL BLOCK

The three big carved pneumatic wheels are much more versatile than the standard full rubber ones. Adjustable and lockable in 6 positions by means of the swivel block, even if free to make a 360° turn when loose, they are also provided with a brake for a rock steady stability...

TECHNICAL INFORMATION

Max height	570cm
Minimum loading height	177cm
Max load	120kg
Footprint	240cm
Base type	3 leveling legs with wheels
Sections	5 sections, 4 risers
Wheel type	Pneumatic Ø 270mm
Attachment	Standard 28mm (1-1/8")

Patent Pending



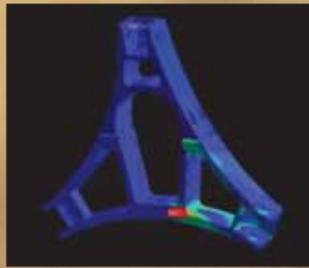
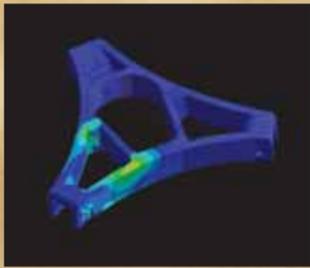
TESTING & DESIGN

Testing is one of the most important phases of the development of all Avenger products. For this reason, Long John Silver underwent several testing processes, featuring some of the world most advanced techniques available.

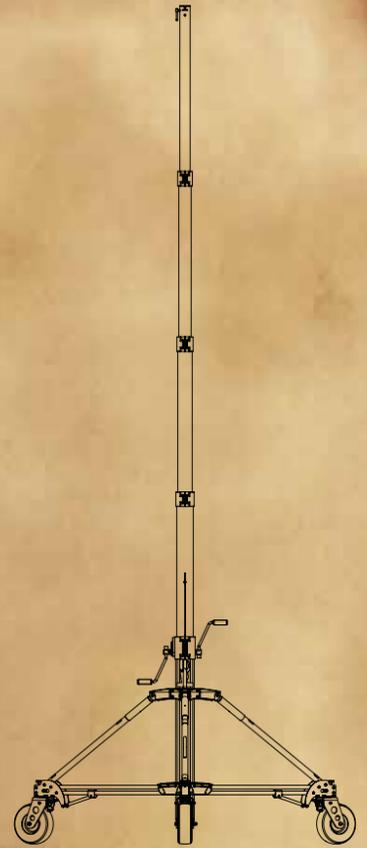
Every component passed TÜV safety rules testing. Even if in some markets this is not required, the TÜV represents a standard that qualify the product as highly reliable and safe.

Structural systematic verification was made through a process called FEM (Finite Element Method) which gives to the whole product a high technological, safety and stability value. Moreover, traction, friction and fatigue tests to guarantee its perfect and proper functionality in the long term have been performed on both its single components and the product as a whole.

This technical attention has been combined, however, with a particular care for design, which gave to the Long John Silver new lines and new shapes suggesting with its look lightness, sturdiness and cleanliness.



UP TO 6 METERS



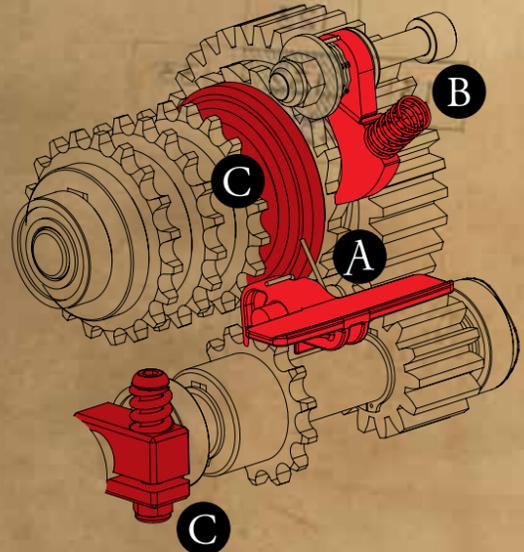
SAFETY

One of most important Avenger focuses is safety.

Long John Silver has been provided with all the most advanced safety technologies now available. And in order to be ultra safe all these technologies have been also doubled, to guarantee our users with the safest working environment possible.

Thus, the product features:

- A** One manual safety block
- B** One internal safety block
- C** Two internal frictions



MAINTAINANCE

Long John Silver also features some very useful inspection windows. They have been designed to give easy access to the inner mechanisms. Their main purpose is that of allowing periodical checks of and maintenance actions on the inner gears and chains. A proper maintenance of those parts will keep the Long John Silver efficient and functional for the long term.

WARRANTY

Like all Avenger products, Long John Silver is provided with a 2 year warranty. On the web, in the spare parts section, you can find all designs and directions to replace or maintain each single component of the product.

For further information on directions to replace or maintain please refer to the user manual provided with the product.

OVERHEAD STANDS



A3059CS

A3042CS OVERHEAD STAND 42

143cm	423cm	135cm	129cm	11,8kg
40kg	28mm 1" 1/8	115mm	A9000	

Chrome steel stand.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25x25mm.

A3059CS OVERHEAD STAND 59

177cm	588cm	167cm	129cm	14kg
40kg	28mm 1" 1/8	115mm	A9000	

Chrome steel stand.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25x25mm.

STANDARD BASE

A3043CS OVERHEAD STAND 43 WITH BRAKED WHEELS

153cm	432cm	150cm	154cm	16kg
40kg	28mm 1" 1/8	115mm		

Chrome steel stand complete with braked wheels.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25x25mm.

A3058CS OVERHEAD STAND 58 WITH BRAKED WHEELS

186cm	579cm	182cm	154cm	18,3kg
40kg	28mm 1" 1/8	115mm		

Chrome steel stand complete with braked wheels.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25x25mm.
Important! Counterweight sandbags must always be used on the legs to ensure safe, stable operation even at full height extension.

ROLLER BASE



A3058CS

A3056CS

WIDE BASE OVERHEAD STAND 56

199cm 557cm 195cm 196cm 16,8Kg

40kg 28mm 115mm A9000
1" 1/8

Chrome steel stand.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25x25mm.
1 levelling leg.

A3065CS

WIDE BASE OVERHEAD STAND 65

189cm 638cm 197cm 204cm 21,5kg

30kg 28mm 115cm A9000
1" 1/8

Chrome steel stand.
5 sections, 4 risers. Ø: 50, 45, 40, 35mm.
Leg: Ø 30mm.
2 levelling legs.



PRODUCT BELOW IS AVAILABLE AS OPTIONAL

D610

C-BOOM/FISHPOLE HOLDER

0,62cm

For tubes of max
diameter 35mm.



A3065CS

ACCESSORIES **STANDS**



C626 LONG STEEL STAND EXTENSION

1,89kg	28mm 1" 1/8"	16mm 5/8"	28mm 1" 1/8"

Chrome length plated steel extension. Length 52cm.



C624 MEDIUM STEEL STAND EXTENSION

1,72kg	28mm 1" 1/8"	16mm 5/8"	28mm 1" 1/8"

Chrome length plated steel extension. Length 39cm.



C622 SMALL STEEL STAND EXTENSION

1,59kg	28mm 1" 1/8"	16mm 5/8"	28mm 1" 1/8"

Chrome length plated steel extension. Length 28cm.

C590 CONKA BONKA

Set of 3 Cine extensions.

Long version:
extension 675mm (26,5")
total length 790mm (31,1")
weight 1,75kg (3,86lbs).

Medium version:
extension 270mm (10,6")
total length 385mm
weight 1,25kg (2,76lbs).

Short version:
extension 150mm (5,9")
total length 265mm (10,4")
weight 1,09kg (2,40lbs).



C595 BABY BONKA

Set of 3 Cine extensions.

Long version:
extension 675mm (26,5")
total length 721mm (28,3")
weight 0,48kg (1,0 lbs).

Medium version:
extension 270mm (10,6")
total length 316mm (12,4")
weight 0,3kg (0,66lbs).

Short version:
extension 150mm (5,9")
total length 196mm (7,7")
weight 0,25kg (0,55lbs).



371
CABLE GRIPS



Set of ten Cable Grips. Self-gripping double-sided velcro strips for wrapping and storing cables of any type and length. Cable Grip is fast, sure, reusable, and dirt-resistant.

Available in the following colours and sizes:
COLOURS: Black (B), Red (R), Yellow (Y), Blue (BL), White (W)

SIZE [cm]	
2,5x15 (2515)	4,0x40 (4040)
2,5x25 (2525)	4,0x60 (4060)
2,5x40 (2540)	4,0x90 (4090)*

Order code: to order, combine product code, colour code and size code.
For example:
371B - 4060 Black Cable Grip 4,0x60cm.

*(Set of 5 Cable Grips)



027
STAND HOLDER



2,8kg

Holder for 8 light stands. Width: 115cm. Distance between fixing holes: 64.4cm. Depth: 19cm.



A9000 **B**
BRAKED WHEELS



3,3kg



90kg

Ø: 100mm for 20x20 and 25x25mm. Square legs. Set of three.



087WBK
WIND-BRACING KIT

3 rope wind-bracing kit. Length: 10m. Not supplied with the stand.



G100
SMALL SAND BAG



6kg

G200
LARGE SAND BAG



10kg

LIGHT CONTROL





It offers you anything you need for lighting control on the set: from scrims and flags to dots & fingers, to butterflies. An exceptional offer of 19 different textiles, swivelling kits, and metallic flags. Completing this family a vast range of accessories: from polyholders to traditional frames to fold away frames.

LIGHT CONTROL

FABRIC SPECIFICATION

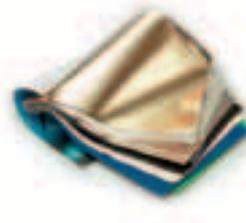
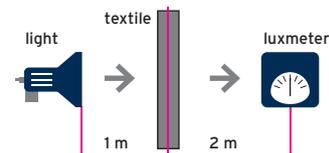
Fabric	Fabric width [meters]	Light loss [stops]	Scrim colour code
Black Commando (solid)	2	100%	
Black Single Net	7.32	0.7	
White Single Net	7.32	0.5	
Grifolyn Black	3.6	100%	
Grifolyn Black / White	3.6	100%	
Grifolyn White	3.6	100%	
Soft Diffuser	1.5	2.5	
Soft Diffuser	1.5	1.8	
White Block	1.1	100%	
Silver / White	1.5	1.4	
Gold / White	1.5	100%	
Sunfire / Silver	1.5	100%	
Muslin Bleached	3	100%	
Muslin Unbleached	3	100%	
CromaKey Blue	1.3	100%	
CromaKey Green	1.3	100%	
Sunfire / White	1.5	100%	
Silver / Gold	1.1	100%	
Silk (artificial)	1.5	1.6	Yellow
Silk 1/4 Stop	2.95	0.8	Blue
China Silk	1.36	1.2	Purple
Black Single (scrim)	7.32	0.8	Green
Black Double (scrim)	7.32	1.5	Red
Black Triple (scrim)	7.32	2.9	Black
White Single (scrim)	7.32	0.7	White
White Double (scrim)	7.32	1	Grey
White Triple (scrim)	7.32	1.6	Brown

FABRIC WIDTH SEAM

The measures in the column show the maximum width of different fabrics used for our butterfly textile system; you can calculate how many seams the butterfly textile has, depending on the type and size chosen. For example, the Black Commando 20x20 (600x600cm), with a fabric width of 2m, has 2 seams, whereas the Black Single of the same size has no seams.

LIGHT LOSS

The chart shows the light loss of an incandescent light source. The main light reading is 32 9/10 F Stop. The light loss has been calculated positioning the luxmeter at 2m from the light source and the butterfly textile halfway between them.



Fabric swatch book (code I999)

SCRIMS AND FLAGS

Made of steel spring tube combined with unique fabrics, Scrim and Flags are light and strong and cut or soften light with great effects. To achieve the ideal positioning performance of Scrim and Flags, Manfrotto provides a complete Grip Head system. All textiles are also sold separately as spares in case your originals become damaged.

Fabric	Size (Inches) Size [cm]	12x18 30x45	18x24 45 x 60	24x30 60x75	24x36 60x90	30x36 75x90	48x48 120x120
Solid Black Flag		I 600B	I 650B	I 700B	I 750B	I 780B	I 1024
Single Scrim		I 600S	I 650S	I 700S	I 750S	I 780S	I 790S
Double Scrim		I 600D	I 650D	I 700D	I 750D	I 780D	I 790D
Triple Scrim		I 600T	I 650T	I 700T	I 750T	I 780T	I 790T
Single Scrim White		I 600SW	I 650SW	I 700SW	I 750SW	I 780SW	I 790SW
Double Scrim White		I 600DW	I 650DW	I 700DW	I 750DW	I 780DW	I 790DW
Triple Scrim White		I 600TW	I 650TW	I 700TW	I 750TW	I 780TW	I 790TW
Silk Scrim		I 600K	I 650K	I 700K	I 750K	I 780K	I 790K
1/4 Stop Silk Scrim		I 600K4	I 650K4	I 700K4	I 750K4	I 780K4	I 790K4
China Silk		I 600CK	I 650CK	I 700CK	I 750CK	I 780CK	I 790CK
Open Frame only		I 600	I 650	I 700	I 750	I 780	-
Closed Frame only		I 601	I 651	I 701	I 751	I 781	I 1024FRAME



IMPORTANT: SPECIAL ORDER ONLY. DELIVERY FROM 8 TO 10 WEEKS.



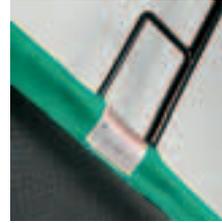
HIGH QUALITY

Every item is made with care for all details from cutting to sewing of the material to the frame. A special design of the frame allows perfect 90° corners without losing elasticity of the frame.



SPARE PARTS

The unique design of our scrims and flags allows them to be repaired easily. A velcro locking system fixes the cover to the frame while a built in pin maintains the perfect tension in the steel wire. To order spare part covers for scrims and flags add the letter "R" in front of the order code. I.e. R1650K is the spare part cover for the item I650K SILK SCRIM.



LABELLING

A label sewed close the handle will tell you the dimension of the frame in inches and centimetres.

SCRIMS AND COLOUR CODES

All our scrims are made using high temperature resistance Webbing. We used a colour code system to easily identify the different kind of textile; see table.

Silk (artificial)	Yellow	Black Triple (scrims)	Black
Silk 1/4 Stop	Blue	White Single (scrims)	White
China Silk	Purple	White Double (scrims)	Grey
Black Single (scrims)	Green	White Triple (scrims)	Brown
Black Double (scrims)	Red		

COLLAPSIBLE SCRIMS AND FLAGS

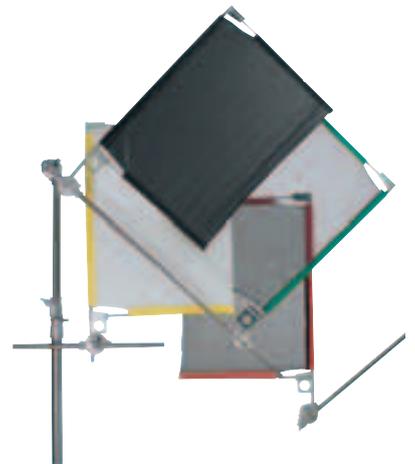
Innovative and easy to use, this collapsible frame system lets you save space and, at the same time, protect scrims during transport.



Order Notes: Frame & Textile must be ordered separately.

Fabric	Size (Inches) Size [cm]	12x18 30x45	18x24 45 x 60	24x36 60x90
Single Scrim		I 610S	I 660S	I 760S
Double Scrim		I 610D	I 660D	I 760D
Silk		I 610K	I 660K	I 760K
Solid Black		I 610B	I 660B	I 760B
Kit with Bag*		I 610KIT	I 660KIT	I 760KIT
Frame only		I 610	I 660	I 760

*Kit comprises: 2 Frames, 1 each Textile & 1 Bag.



LIGHT CONTROL

FLOPPIES AND CUTTERS

Fabric	Code	Size [inches]	Size [cm]	Description	Code
Meat Axe Flag	I 1010	30x36	75x90	36"x30" Closed Frame only	I 1010FRAME
Mini Meat AF	I 1011	24x48	60x120	24"x48" Closed Frame only	I 1011FRAME
Cutter	I 1020	10x42	25x106	10"x42" Closed Frame only	I 1020FRAME
Cutter	I 1021	18x18	46x120	18"x48" Closed Frame only	I 1021FRAME
Cutter	I 1022	24x72	60x182	24"x72" Closed Frame only	I 1022FRAME
Cutter	I 1023	40x40	102x102	40"x40" Closed Frame only	I 1023FRAME
Cutter	I 1024	48x48	120x120	48"x48" Closed Frame only	I 1024FRAME
Floppy Cutter	I 1030	24x72	60x182		
Floppy Cutter	I 1031	48x48	120x120		



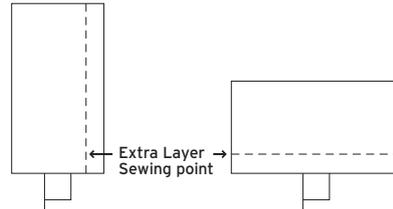
Floppies and Cutters FRAMES. If you wish to order the frame alone without fabric please refer to this chart.

To order spare part covers for floppies and cutters add the letter "R" in front of the order code. I.e. R11021, is the spare part cover for the item I1021 CUTTER 18x48".

Made of Black Commando fabrics, Cutters and Floppies stop light completely and are used to control or cut illumination sources, whether natural or artificial. They can also be used to protect camera lenses from flare.



All our flags, floppies and cutters are made using a strong webbing all around the frame, to protect the edges from wear.



Floppies are Cutters made with an additional piece of fabric, which is fixed with velcro and can be unfolded, becoming twice its original size. See drawing to understand where the extra layer is sewed on the frame.

I1550KIT

DOT & FINGER KIT

Comprising:

- 1 x 3" (7.5cm) Single+Double
- 1 x 6" (15cm) Single+Double
- 1 x 6" (15cm) Silk
- 2 x 6" (15cm) Flags
- 1 x 12" (30cm) Single
- 1 x 14" (36cm) Silk
- 1 x 14" (36cm) Flag
- 2 x Mini Flex Arm, 1 Bag



DOTS & FINGERS

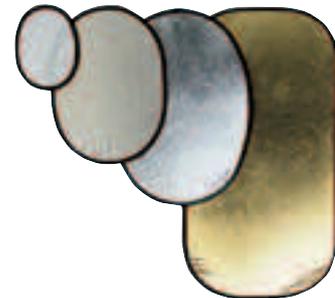
Fabric	Description Size (inches) Size [cm]	Dot 3 7,6	Dot 6 15	Dot 10 25	Finger 2x12 5x30	Finger 4x14 10x35
Single Scrim		I 100S	I 200S	I 300S	I 400S	I 500S
Double Scrim		I 100D	I 200D	I 300D	I 400D	I 500D
Silk		I 100K	I 200K	I 300K	I 400K	I 500K
Solid Black		I 100B	I 200B	I 300B	I 400B	I 500B
Sunlite / White		I 100SW	I 200SW	I 300SW	I 400SW	I 500SW
Gold / Silver		I 100GS	I 200GS	I 300GS	I 400GS	I 500GS

Designed to be mounted on flex or articulated arms, Dots and Fingers are essential tools to create precise light effects on small areas. Our complete range, available in different dimensions and various fabric types, provides the right solution to your needs.



OVAL REFLECTORS

Fabric	Size [inches] Size [cm]	20x15 50x38	37x28 95x70	48x35 120x90	73x48 185x120
Translucent		I 2007	I 3807	I 4807	I 6207
Sunfire / White		I 2008	I 3808	I 4808	I 6208
Silver / White		I 2031	I 3831	I 4831	I 6231
Silver / Gold		I 2034	I 3834	I 4834	I 6234
Gold / White		I 2041	I 3841	I 4841	I 6241
Bags for Oval Reflectors		I 2000BAG	I 3800BAG	I 4800BAG	I 7200BAG



LIGHT CONTROL



D580
UNIVERSAL
ARTICULATED ARM KIT

1,22kg

Articulated Arm, Mini Clamp, 3/8" Square Adapter, 10mm Socket Adapter, Super Clamp, Hexagonal Adapter, Black Plastic Flag. Arm length: 90cm.



D390
UNIVERSAL
FLEXTENTION KIT

1,15kg

Comprising: Flextension Arm, Mini Clamp, 3/8" Square Adapter, 10mm Socket Adapter, Super Clamp, Hexagonal Adapter, Black Plastic Flag. Arm length: 50cm.



D340
CAMERA
FLEXTENTION KIT

0,6kg

Flextension Arm, with 2 Mini Clamps, 3/8" Adapter, 10mm Socket Adapter, Black Plastic Flag.

40cm



25cm

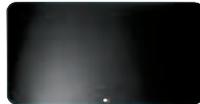


I800
BLACK METAL FLAG

0,29kg

Thickness: 1mm.

35cm



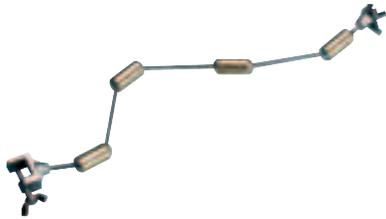
20cm



I810
BLACK PLASTIC FLAG

0,15kg

Thickness: 3mm.



D560
BALL AND SOCKET FLAG ARM



0,32kg

Length: 43cm.



143FV
DOUBLE HINGED FORK



0,5kg



16mm
5/8"

Holds 2 styrene gobos to reflect or cut light on a subject.
Size 12.5x20cm.



F1504
FOAMCORE FORK 16MM PIN



0,25kg



16mm
5/8"

Similar to the F1501, but includes four pointed pins to mount thicker foam core or gator-board.
Mounts via a 16mm pin.

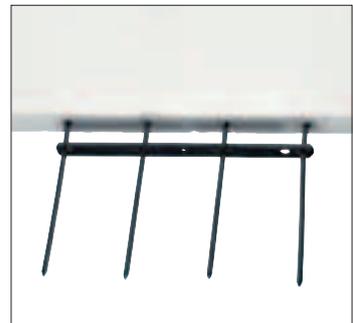


143F
FORK



0,14kg

Fork attachment for styrene gobos:
supplied with 1/4" and 3/8" female attachment.
Size 12.5x20cm.



143FD
DOUBLE FIXED FORK



0,2kg

Holds 2 styrene gobos to reflect or cut light on a subject.
Size 12.5x20cm.

LIGHT CONTROL



F1521

50MM (2") POLYHOLDER WITH 16MM SPIGOT

-  2,5kg
-  16mm
-  5/8"

The polyholder has a 16mm spigot. The "board" clamp has two sides, one white for the reflective side of the polystyrene; one black for the black lightstopping side. It doesn't damage the poly. Plate dimensions: 150x220mm.



F1520

50MM (2") POLYHOLDER WITH SWIVEL JOINT 28MM SPIGOT

-  2,5kg
-  28mm
-  1" 1/8"

The Polyholder has a 28mm spigot with a ball-and-socket joint to allow rotation and flexible positioning. The board "clamp" has two sides, one white for the reflective side of the polystyrene; one black for the light-stopping side. It doesn't damage the poly. Two metal spikes (on wire retainers) keep the polystyrene board firmly in place. The structure is robustly built to hold thick polystyrene boards, and also has a secondary safety hook to anchor the Polyholder to the lightstand/clamp/etc. Plate dimensions: 150x220mm. Mounts via a 28mm pin.



D750

40MM (1.6") TELESCOPIC POLYHOLDER

-  2,5kg
-  15kg
-  16mm
-  5/8"

Max size holding: 156cm.
Folded length: 91cm.

Polystyrene is one of the most widely used light bouncers, but it's not the easiest material to handle. Now our Polyholder gives you total control. It grips any thickness, is telescopic to hold most full sheet sizes; then just fixes into the lighting Grip Head D200 mounted on a stand or clamp. What could be easier?



F1501

30MM (1.2") POLYHOLDER

-  0,8kg
-  16mm
-  5/8"

A foamcore support clamp to enable precise positioning. Mounts via a 16mm socket.



18030CB
MOUNTING STIRRUP FOR 40"
REFLECTOR BOARD

 2,5kg  16mm
5/8"

Will fit reflector board from 5mm to 25mm thickness.
Board not supplied.



D705B
LONG COLLAPSIBLE
REFLECTOR HOLDER

 0,8kg  16mm
5/8"

Long Extension Arm.
Max Length: 185cm - Min Length: 66cm.



D700B
COLLAPSIBLE REFLECTOR
HOLDER

 0,7kg  16mm
5/8"

Extension Arm.
Max length: 122cm - Min length: 47cm.

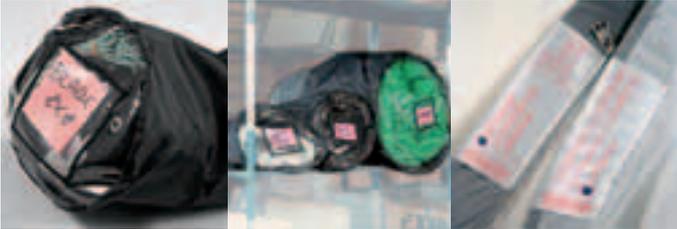
LIGHT CONTROL

BUTTERFLY TEXTILES

Fabric	Size (inches) Size [cm]	4x4 120x120	6x6 180x180	8x8 240x240	12x12 360x360	20x20 600x600
Black Commando		I 905BL*	I 910BL*	I 915BL*	I 920BL*	I 930BL*
Black Single Net		I 905BSN	I 910BSN	I 915BSN	I 920BSN	I 930BSN
Black Double Net		I 905BDN	I 910BDN	I 915BDN	I 920BDN	I 930BDN
White Single Net		I 905WSN	I 910WSN	I 915WSN	I 920WSN	I 930WSN
White Double Net		I 905WDN	I 910WDN	I 915WDN	I 920WDN	I 930WDN
Grifolyn Black / White		I 905GBW	I 910GBW	I 915GBW	I 920GBW	I 930GBW*
Silk (artificial)		I 905K	I 910K*	I 915K*	I 920K*	I 930K*
Silk 1/4 Stop		I 905K4	I 910K4	I 915K4	I 920K4*	I 930K4*
China Silk		I 905CK	I 910CK*	I 915CK*	I 920CK*	I 930CK*
Soft Diffuser (Grid)		I 905SD	I 910SD*	I 915SD*	I 920SD*	I 930SD*
Soft Diffuser Light (Light Grid)		I 905SDL	I 910SDL*	I 915SDL*	I 920SDL*	I 930SDL*
White Block		I 905WB*	I 910WB*	I 915WB*	I 920WB*	I 930WB*
Silver / White		I 905SW*	I 910SW*	I 915SW*	I 920SW*	I 930SW*
White / Gold		I 905WG*	I 910WG*	I 915WG*	I 920WG*	I 930WG*
Sunfire / Silver		I 905SUS	I 910SUS*	I 915SUS*	I 920SUS*	I 930SUS*
Muslin Bleached		I 905MB*	I 910MB*	I 915MB	I 920MB*	I 930MB*
Muslin Unbleached		I 905MU	I 910MU*	I 915MU	I 920MU*	I 930MU*
CromaKey Blue		I 905CKB	I 910CKB*	I 915CKB*	I 920CKB*	I 930CKB*
CromaKey Green		I 905CKG	I 910CKG*	I 915CKG*	I 920CKG*	I 930CKG*

* Textile obtained by sewing two or more pieces of fabric together.

BUTTERFLY BAGS



ALL IN ONE
All our butterfly textiles are supplied complete with clear bottomed bag and elastic hook kit (code I910SET - set of 16 pcs).

BUTTERFLY BAGS
A well designed bag is supplied with our butterfly textiles; it has a clear base so you can see the content of the bag without opening it. An additional pocket holds stickers or carton tags for additional information like code, dimensions, textile type etc. Stored in the proper way on your warehouse shelf it will speed up inventory or picking procedures avoiding mistakes and time loss. To order the bag alone refer to the chart below.

H44BAG	S	BAG FOR 4X4' AND 6X6' BUTTERFLY TEXTILES
H88BAG	M	BAG FOR 8X8' AND 12X12' BUTTERFLY TEXTILES
H2020BAG	L	BAG FOR 20X20' BUTTERFLY TEXTILES
H2020XBAG	XL	BAG FOR 20X20' CROMAKEY TEXTILES

LABELLING AND WEBBING
A textile label sewn close to each corner shows butterfly textile dimensions and fabric. This simple but important improvement will avoid mistakes in shipping and storing operations. The webbing material used on our butterfly textile has been chosen for high temperature resistance.



FOLD AWAY FRAME

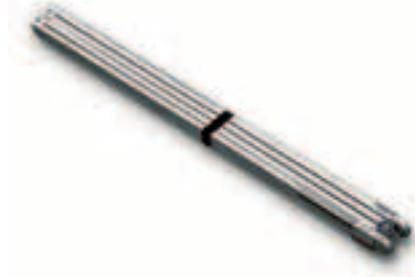


Code	Frame Size [feet]	Frame Size [cm]	Tube Thickness [mm]	Frame Support	Transport Dimension [mm]	Weight [kg]
H2006	6x6	183x183	2	Ear Type 2	1915x150x30	10.5
H2008	8x8	244x244	2	Ear Type 2	2525x150x30	10.5
H2012	12x12	366x366	2	Ear Type 2	3740x150x30	10.5



FOLD-OUT AND SET UP
Just fix the frame holder and it is ready to mount!
To order Ear support alone use code RH02015.

FOLD-DOWN AND BRING UP
Need to move the frame quickly from set to set? No problem, just remove the frame holder, fold down the frame and carry the frame with the textile still fitted!



FOLD AWAY FRAME COMPACT



Code	Frame Size [feet]	Frame Size [cm]	Tube Thickness [mm]	Frame Support	Transport Dimension [mm]	Weight [kg]
H2508	8x8	244x244	2	Ear Type 2	2525x150x30	14.5
H2512	12x12	366x366	2	Ear Type 2	1905 x 165 x 85	17



FOLD-DOWN AND BRING UP
Fold Away Compact is the evolution of the standard version. A locking mechanism allows the frame to be folded even smaller for even easier transportation.



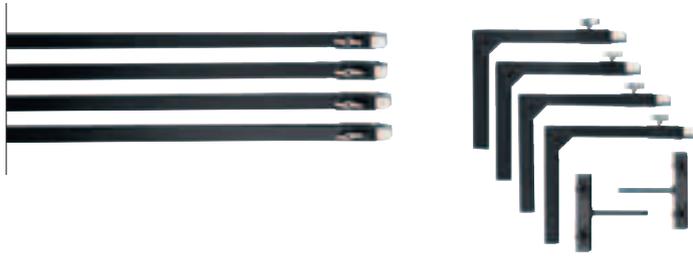
Fabric and stands are not included

LIGHT CONTROL

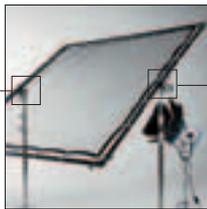
LIGHTWEIGHT FRAMES

The Manfrotto Deluxe Fast-Loc Frame kit is lightweight and quick to set up. The square section aluminium tubes slide and lock together to provide a strong frame which supports lighting control textiles of (4'x4' and 6'x6' in size).

Code	Frame Size [feet]	Frame Size [cm]	N. of tubes per side	Tube Length x Thickness mm	Tube Connection	Frame Support	Weight [kg]	Optional Frame Bag
H440	4x4	122x122	1	640x1.4	insert	Stud Type x1	5.9	H6BAG
H660	6x6	183x183	1	1205x1.4	insert	Stud Type x2	6,9	H6BAG



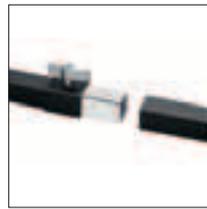
Stud Type (code RH01051).



The Manfrotto Butterfly Frames uses two methods of support. Ear and Stud as illustrated.



Ear Type (code RH01016).



Insert tube connection.

MODULAR FRAMES

Heavy Duty 3mm square section tubes-slot and pin-lock together, rapidly providing a stable frame for lighting control textiles. By reducing or adding tubes you can create any frame size.

Code	Modular frame size [feet]	Modular frame size [cm]	N. of tubes per side	Tube Length x Thickness [mm]	Tube Connection	Frame Support	Weight [kg]	Optional Frame Bag
H400M	4x4	122x122	1	1205 x 3	N/A	Ear Type x1	7,3	H6BAG
H600M	6x6	183x183	1	1205 x 3	Pin	Ear Type x2	11,4	H6BAG
H800M	8x8	244x244	2	1205 x 3	Pin	Ear Type x2	13,6	H6BAG
H1200M	6x6	366x366	3	1205 x 3	Pin	Ear Type x2	19	H6BAG
H2000M	20x20	610x610	5	1205 x 3	Pin	Ear Type x2	32,6	H6BAG



MODULAR FRAME CONVERSION KITS

Code	Conversion kit [feet]	Conversion kit [cm]
H406EXT	from 4x4 to 6x6	122x122 to 183x183
H408EXT	from 4x4 to 8x8	122x122 to 244x244
H806EXT	from 20x20, 12x12 and 8x8 to 6x6	610x610, 366x366 and 244x244 to 183x183
H812EXT	from 8x8 to 12x12	244x244 to 366x366
H1220EXT	from 12x12 to 20x20	366x366 to 610x610



Pin tube connection.

D.I.Y. BUTTERFLY PIPE CORNER KITS

Pipe specifications for use with the D.I.Y. Butterfly Pipe Corner Kits.

Code	Nominal Bore [inches]	Outside Diameter [inches]	Nominal Bore [mm]	Outside Diameter [mm]
H9000	1 1/2"	1 29/32"	38	48.3
H9500	1 1/4"	1 11/16"	32	42.4

These two different kits, which contain corners and supports, give you the possibility of making frames of any dimension, using standard aluminium pipes. See the above chart for the right diameter of pipes to use.



Pipe connection.



SYSTEMS





Presenting an incredible offer of different products to support both lighting and other gear in the set. This family is divided into several sub-families which flexibility and modularity allow to solve any problem of use in a quick and safe way. Here you will find pipe clamps, stage clamps, grab clamps, wall plates, CrossPole, telescopic hangers, arms, pump cups, booms... you just have to pick one!

SYSTEM PROPERTIES



Gravity Casting: All the strategic aluminium components which have to guarantee safety of the product are made using the Gravity Casting technology. This process excludes any possibility of having air bubbles getting into the casting.



Quick Action Device: This mechanical concept allows an incredible speed in locking and unlocking the clamp's jaws. The Quick Action line of clamps consists of four models that in dimension, load capacity (up to 100kg) and coupling range (up to 50mm).

600				C345 C345K C345BK ø 42-52mm 
500	C460 ø 48-52mm 	C4460 ø 42-52mm 	C4469 ø 42-52mm 	
300	C4560 ø 42-52mm 			C465 ø 48-52mm 
250				C4465 ø 42-52mm 
150	C339 ø 40-65mm 			C100 ø 20-55mm 
100		C345 C345K C345BK ø 42-52mm 		C337 ø 40-70mm 
75		 C150 ø 28-78mm		C339UH ø 40-65mm 
50	C280 ø 30-52mm 	C339BB ø 40-65mm 		C150 ø 28-78mm 
15		C1575 ø 13-55mm 	C1550 ø 13-55mm 	C295 ø 30-52mm 
10			C500 ø 15-80mm 	
	● 13mm hole	⊓ female 16mm - 5/8"	⊓ female 17mm	⊓ female 28mm - 1" 1/8

max load [kg]

spigot/socket type



FEM Analysis: All the structural components that are crucial for the safety or have to support high stress are engineered using the FEM analysis. The FEM (Finite Element Method) permits simulation of external forces in different applications and it calculate the resulting stress on the component. Using this tool Avenger can optimize the design of the product obtaining the highest performance combined with the lowest weight.



Multifix: The Multifix feature of the "System" product family offers an incredible range of different attachments. Thank to the Multifix system the user can hang the product in a various ways. The clamps are manufacturer with multi attachment points or a single attachment points available with a variety of different fixing accessories.

					600
C464 ø 48-52mm	C462 ø 48-52mm	C461 ø 48-52mm			500
C4464 ø 42-52mm	C4462 ø 42-52mm	C4461 ø 42-52mm			300
C4564 ø 48-52mm		C4470 ø 42-52mm		C463 ø 48-52mm	250
					150
		C339JS ø 40-65mm	C339SP ø 40-65mm	C339LE ø 40-65mm	100
C151 ø 28-78mm	C345-C345K ø 10-55mm	C210 ø 10-55mm			75
	C345BK ø 42-52mm				50
	C339UH ø 40-65mm				15
	C338 ø 20-52mm	C285 ø 30-52mm	C290 ø 30-52mm		10
	C150 ø 28-78mm	C500 ø 15-80mm			
M12	male 16mm - 5/8"	male 28mm - 1" 1/8	pulley	ring	

CLAMP SYSTEM



C1575B
SUPER CLAMP

-  0,45kg
-  15kg
-  16mm
5/8"

Ideal clamp for Cine, Broadcast or Lighting & Entertainment applications. Clamping system achieved via a metal knob ensuring extra solidity. Works on diameters from 13mm to 55mm.



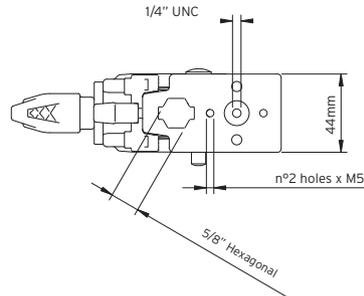
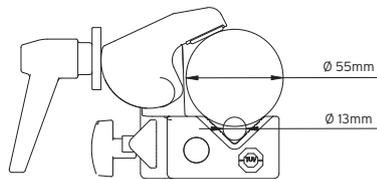
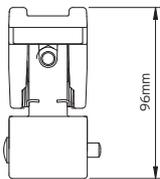
C1550
HEAVY DUTY
SUPER CLAMP

-  0,45kg
-  15kg
-  16mm
5/8"
- 

Extra strong version of Super Clamp because of a special manufacturing process named gravity casting, allowing heavier manipulation. Works on diameters from 13mm to 55mm.

PRODUCTS BELOW ARE AVAILABLE AS OPTIONAL

F600
E600C
SUPER CLAMP
ADAPTERS



C155
SAFETY CABLE

Diameter 4mm. Length 100cm.

C155-02
SAFETY CABLE

Diameter 5mm. Length 70cm.

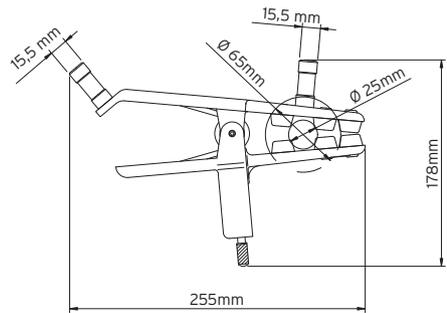
C155-01
SAFETY CABLE

Diameter 3,5mm. Length 70cm.

C155-03
SAFETY CABLE

Diameter 6mm. Length 100cm.





C1525
SKY HOOK

-  0,8kg
-  15,5mm
-  15,5mm

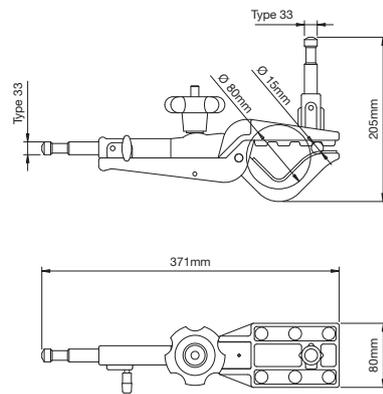
Gaffer grip with adjustable jaws.
 Grip from: 25mm to 65mm.



C500
PELICAN
GAFFER GRIP

-  1,4kg
-  10kg
-  17mm
-  16mm
-  5/8"

Works on diameters from 15mm to 80mm.



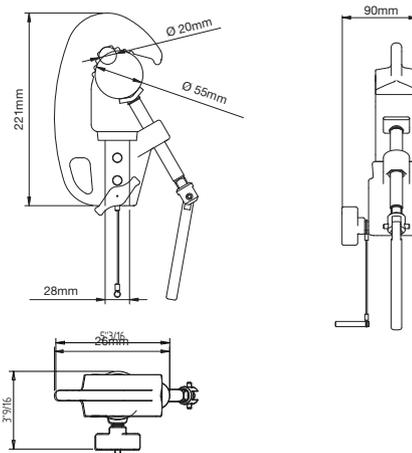
CLAMP SYSTEM

C100 JUNIOR PIPE CLAMP WITH 28MM SOCKET

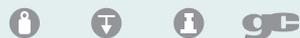


1,13kg 250kg 28mm
1" 1/8"

Works on diameters from 20mm to 55mm.

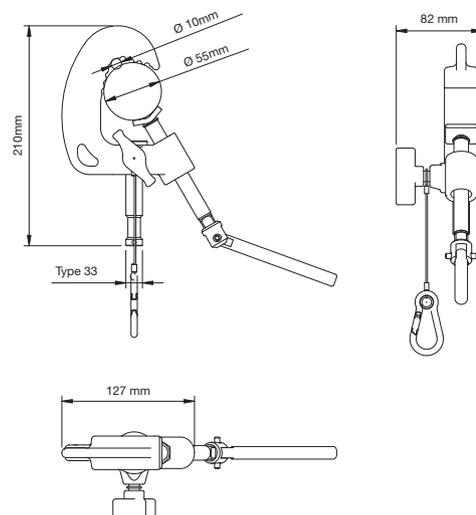


C210 BABY PIPE CLAMP WITH 16MM STUD



0,62kg 100kg 16mm
5/8"

Works on diameters from 10mm to 55mm.



CLAMP SYSTEM

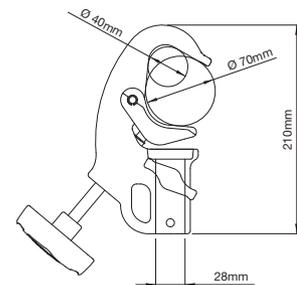
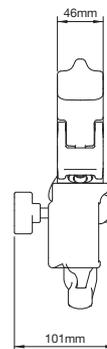


C337 28MM BUSHING QUICK ACTION JUNIOR CLAMP

 1,27kg
  100kg
  28mm
 1" 1/8"

Made in gravity cast aluminium, this clamp is ideal to hang all types of luminaries in TV studios and theaters. Its incredible "coupling range" sets almost no limitations to its capability to clamp to almost all the industry standard pipe diameters. To meet all safety requirements, we have designed a dedicated slot for flexible steel safety cables. Supplied with T-top padded handle to improve grip. Pipe size 40-70mm.

 Pat pending
 

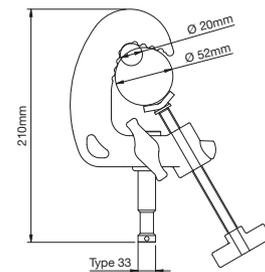
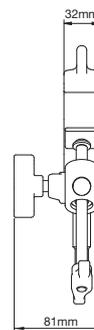


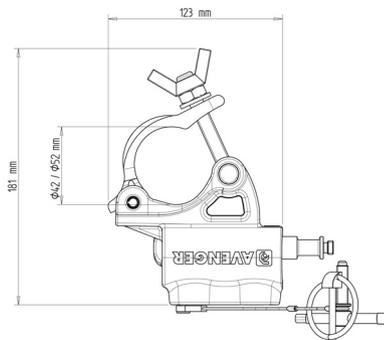
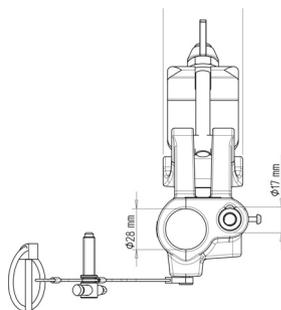
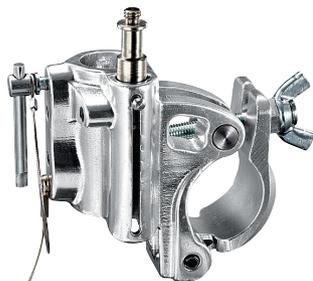
C338 16MM PIN QUICK ACTION BABY CLAMP

 0,76kg
  50kg
  16mm
 5/8"

Very slim and lightweight, this version has been designed for small luminaries, virtually unlimited in application. To meet all safety requirements, we have designed a dedicated slot for flexible steel safety cables. Pipe size 20-52mm.

 Pat pending



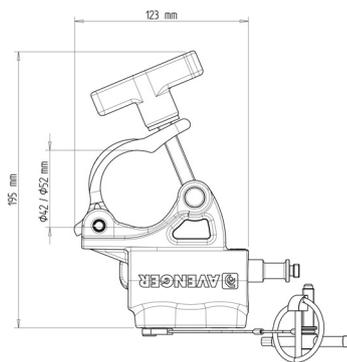
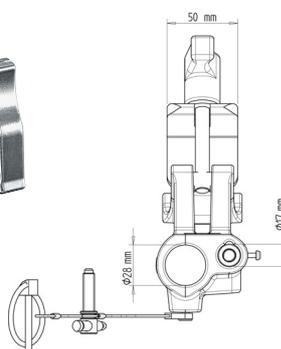


C345
BARREL CLAMP

- 0,9kg
- 100/600kg*
- 28mm
1" 1/8"
- 16mm
5/8"
- 16mm
5/8"
-

Works on diameters from 42mm to 52mm.

* 100kg on 16mm attachment,
600kg on 28mm attachment.



C345K
BARREL CLAMP

- 0,95kg
- 100/600kg*
- 28mm
1" 1/8"
- 16mm
5/8"
- 16mm
5/8"
-

Works on diameters
from 42mm to 52mm.

* 100kg on 16mm attachment,
600kg on 28mm attachment.



CLAMP SYSTEM



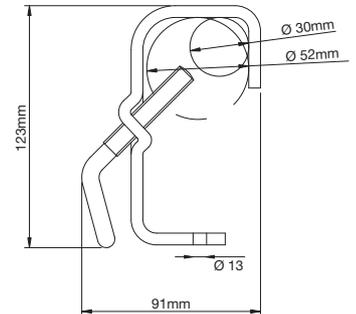
C280
STAGE CLAMP

 0,37kg
  50kg
  13mm hole



C285
STAGE CLAMP WITH
16MM STUD

 0,47kg
  50kg
  16mm
5/8"



Work on diameters from 30mm to 52mm. The double locking knob position always provides an optimal grip point.



C290
STAGE CLAMP WITH
28MM STUD

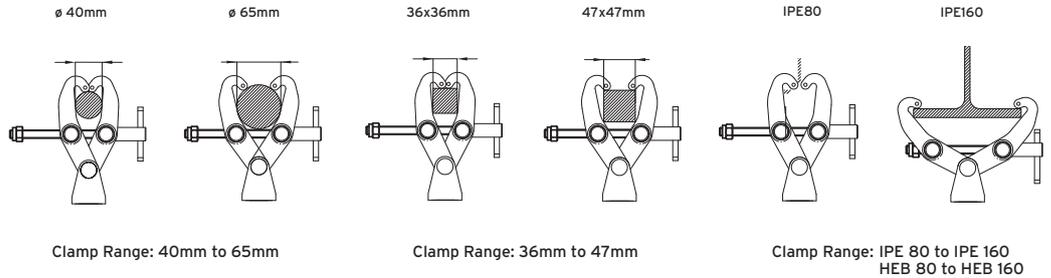
 0,9kg
  50kg
  16mm
5/8"



C295
STAGE CLAMP WITH
28MM SOCKET

 0,75kg
  50kg
  28mm
1" 1/8"

The Grab Clamp is flexible and fast to use thanks to its pincer jaw design and rapid locking and release mechanism. It can be fixed to a wider range of supports than traditional clamps and is suitable for use in TV, video and photographic studios, theatres and rigging structures. The Grab Clamp will hold all kinds of lights, scenery, monitors and much more besides. The Grab Clamp has been designed to be mounted on a wide range of beams, pipes and bars, whether round, square or rectangular in section. It needs no adapter - just open and clamp it.



C339
GRAB CLAMP

- 1,2kg
- 150kg
- 12,5mm hole

Supplied without attachment, but with a 12,5mm hole for custom fixings.



C339JS
GRAB CLAMP WITH 28MM TV SPIGOT

- 1,4kg
- 150kg
- 28mm 1" 1/8"

Supplied with 28mm spigot.



C339BB
GRAB CLAMP WITH 16MM BUSHING

- 1,35kg
- 50kg
- 16mm 5/8"

Comes with 16mm bushing complete with push button for extra-safe attachment.



C339LE
GRAB CLAMP WITH LIFTING EYE

- 1,4kg
- 150kg
- Ring

Complete with standard lifting eye for chain or rope fixture.



C339UH
DOUBLE GRIP HEAD

- 1,95kg
- 75kg
- 28mm 1" 1/8"
- 16mm 5/8"

Provided with a universal fixed (non-rotating) head.

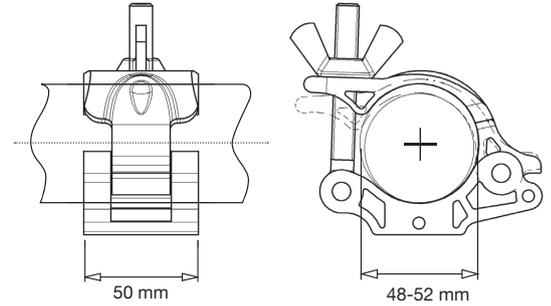


C339SP
GRAB CLAMP WITH SPINNING PULLEY

- 1,65kg
- 150kg
- Pulley

Fitted with a 100mm diameter pulley to offer a quick and robust hanging point for TV and theatre sceneries.

LP EYE COUPLER SYSTEM



C460 LP EYE COUPLER

-  0,36kg
-  500kg
-  13mm hole

The base model of LP Eye Coupler for any customised application.



C461 LP EYE COUPLER WITH 28MM TV SPIGOT

-  0,57kg
-  500kg
-  28mm 1" 1/8"

Supplied with 28mm spigot for TV/broadcast luminaires.



C462 LP EYE COUPLER WITH 16MM SPIGOT

-  0,41kg
-  500kg
-  16mm 5/8"

Designed with 16mm spigot suitable for lightweight luminaires.



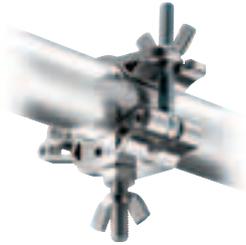
C463 LP EYE COUPLER WITH LIFTING RING

-  0,55kg
-  300kg
-  Ring

Provided with lifting ring for multipurpose use with chains, wires and ropes.



EYE COUPLER family: safer, easier to use and lighter, with the reliability and high performance that you expect from Manfrotto. The new high-performance EYE COUPLER range has been developed with professional users' needs in mind. Improved safety, full TÜV certification, optimised ergonomic and unique design are the key features of new EYE COUPLERS, developed for professionals in entertainment and film industries.



C464
LP EYE COUPLER
WITH M12 BOLT PLUS NUT

0,40kg 500kg M12x27

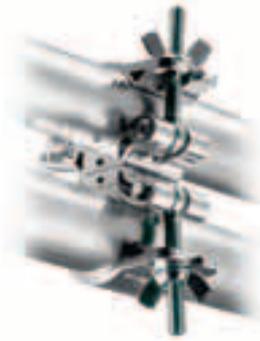
Supplied with M12 bolt and nut for custom solutions.



C465
LP EYE COUPLER
WITH 28MM BUSHING

0,84kg 300kg 28mm
1" 1/8

Designed with 28mm bushing suitable for 2K+stirrup luminaires.



C480
PARALLEL LP EYE COUPLER

0,76kg 300kg

Twin couplers fixed parallel for firm, quick and easy interconnection for truss, bars or pipes.



C481
90° FIXED LP EYE COUPLER

0,76kg 300kg

Twin couplers fixed at 90° for firm, quick and easy interconnection for truss, bars or pipes.



C482
SWIVEL LP EYE COUPLER

0,76kg 300kg

Twin couplers free to rotate 360° for firm, quick and easy interconnection for truss, bars or pipes.

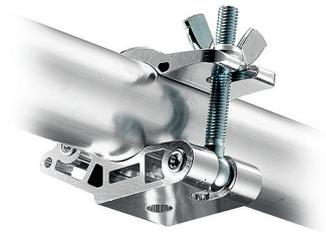
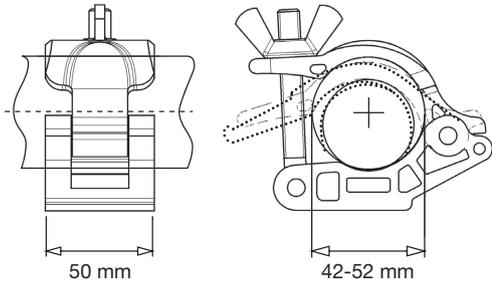


C466
CONNECTION KIT
FOR LP EYE COUPLER

Kit to connect two C460 clamps.

MP EYE COUPLER SYSTEM

MP EYE COUPLERS: wider clamp range from 42 to 52mm and special flattened shape of lower jaw.



C4460 MP EYE COUPLER

 0,39kg
  500g
  13mm hole

The base model of MP Eye Coupler for any customised application.



C4461 MP EYE COUPLER WITH 28MM TV SPIGOT

 0,60kg
  500kg
  28mm
1" 1/8"

Supplied with 28mm spigot for TV/broadcast luminaires.



C4462 MP EYE COUPLER WITH 16MM SPIGOT

 0,44kg
  500kg
  16mm
5/8"

Designed with 16mm spigot suitable for lightweight luminaires.



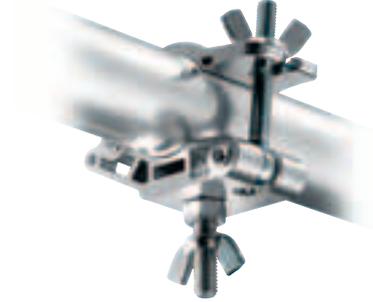


C4463

**MP EYE COUPLER
WITH LIFTING RING**

 0,58kg
  300kg
  Ring

Provided with lifting ring for multipurpose use with chains, wires and ropes.



C4464

**MP EYE COUPLER
WITH M12 BOLT PLUS NUT**

 0,43kg
  500kg
  M12x27

Twin couplers fixed parallel for firm, quick and easy interconnection for truss, bars or pipes.



C4465

**MP EYE COUPLER
WITH 28MM BUSHING**

 0,87kg
  300kg
  28mm
1" 1/8

Designed with 28mm bushing suitable for 2K+ stirrup luminaires.

MP EYE COUPLER SYSTEM



C4469
MP EYE COUPLER WITH
16MM BUSHING

 0,52kg
  500kg
  16mm
5/8"

Supplied with 16mm spigot for light fixing accessories.



C4470
TILT & SWIVEL
MP EYE COUPLER

 1,3kg
  300kg
  28mm
1" 1/8"

Provided with 28mm spigot to enable to rig a bar or a frame structure between two stands with 360° spigot rotation and swivel system.



C4485
MP EYE COUPLER SWIVEL
AND TILT TRUSS
SUPPORT 150-250

 2,78kg
  28mm
1" 1/8"

Truss Support Coupler with a tilt/swivel connection to the stand pin. It avoids torsion and mounting problems when lifting a truss using two stands simultaneously. Min. Length 150mm. Max. Length 250mm.

C4482
SWIVEL
MP EYE COUPLER

 0,81kg

Twin couplers free to rotate 360° for firm, quick and easy coupling of trusses, bars or pipes.

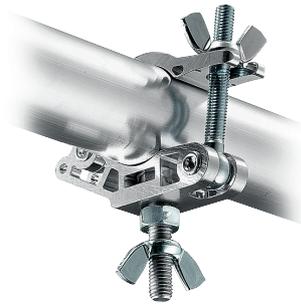
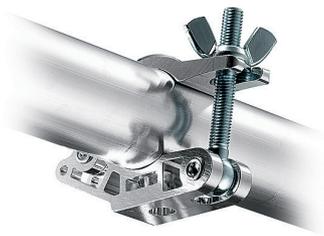
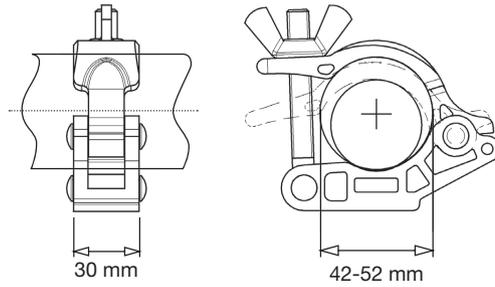


C4486
MP EYE COUPLER SWIVEL
AND TILT TRUSS
SUPPORT 200-400

 2,85kg
  28mm
1" 1/8"

Min. Length 200mm. Max. Length 400mm.

MP SLIM EYE COUPLERS: same features as MP coupler, but narrower in profile and lighter in weight.



C4560
SLIM MP EYE COUPLER

-  0,26kg
-  300kg
-  13mm hole

The base model of MP slimlight version Eye Coupler.



C4564
MP EYE COUPLER
12MM BOLT + NUT

-  0,3kg
-  300kg
-  M12x27mm

Supplied with M12 bolt and nut for custom solutions.



TELESCOPIC HANGER SYSTEM

C825 TELESCOPIC HANGER WITH UNIVERSAL HEAD



Max load with 16mm spigot 10kg.
Max load with 28mm socket 40kg.

C827 LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD



Max load with 16mm spigot 10kg.
Max load with 28mm socket 40kg.

C820 TELESCOPIC HANGER WITH STIRRUP



Luminaire attachment - Stirrup Ø 40mm.

C822 LONG TELESCOPIC HANGER WITH STIRRUP



Luminaire attachment - Stirrup Ø 40mm.



C888UH

TELESCOPIC HANGER WITH UNIVERSAL HEAD



76cm



161cm



4,6kg



28mm
1" 1/8"



16mm
5/8"

Max load with 16mm spigot 10kg.
Max load with 28mm socket 40kg.



C888ST

TELESCOPIC HANGER WITH STIRRUP



73cm



157cm



4,7kg



40kg

Luminaire attachment - Stirrup Ø 40mm.



C820-0111

TELESCOPIC HANGER WITH STIRRUP



87,8cm



197cm



4,5kg



40kg

Luminaire attachment - Stirrup Ø 40mm.



LIGHTING BOOMS SYSTEM



D570 | B

EXTENSION ARM WITH SWIVEL PIN

1,1kg 16mm
5/8"

Arm length: 91cm.
16mm female stand attachment.



D600 | CB

MINI BOOM

3,6kg 16mm
5/8"

Min extension 117cm - Max load 30kg.
Max extension 212cm - Max load 7kg.
16mm female stand attachment.



D650

JUNIOR BOOM ARM

14,8kg 28mm 16mm
1" 1/8 5/8"

Min extension 163cm - Max load 40kg.
Max extension 300cm - Max load 10kg.
28mm male stand attachment.

PRODUCTS BELOW ARE AVAILABLE AS OPTIONAL



172
MINI
COUNTERWEIGHT


1,3kg



022
G-PESO

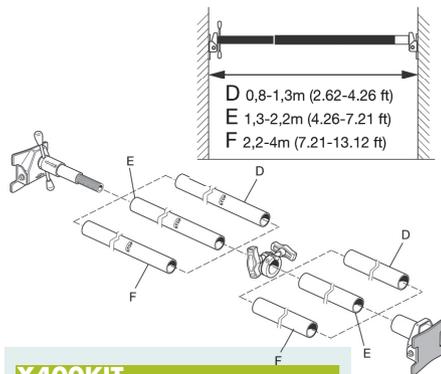

6,7kg

023
L-PESO


4,3kg



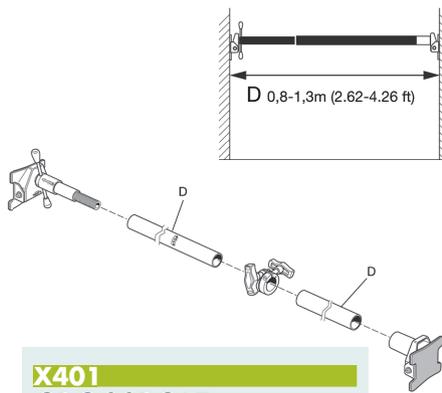
CROSSPOLE SYSTEM



D 0,8-1,3m (2.62-4.26 ft)
E 1,3-2,2m (4.26-7.21 ft)
F 2,2-4m (7.21-13.12 ft)

X400KIT CROSSPOLE KIT

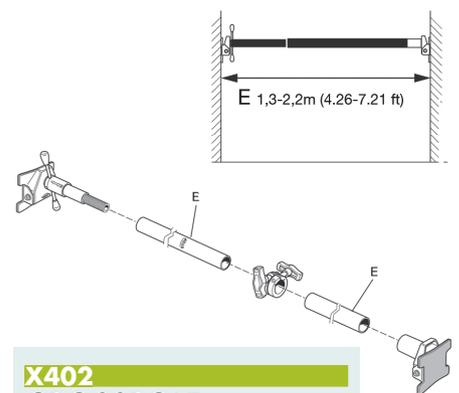
0,8m up to 4m CrossPole kit components:
Expander, Static Plate, Double Locking
Collar, 3 tubes \varnothing 45mm, 3 tubes \varnothing 50mm
and multifunctional bag.



D 0,8-1,3m (2.62-4.26 ft)

X401 CROSSPOLE

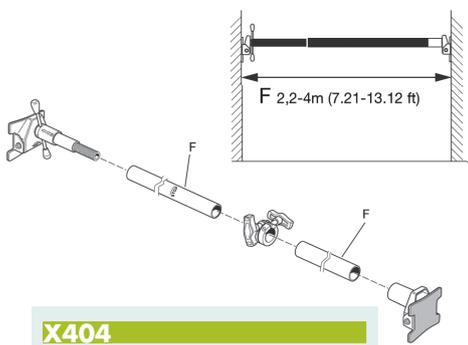
0,8m up to 1,3m CrossPole kit components:
Expander, Static Plate, Double Locking
Collar, 1 tube \varnothing 45mm, 1 tube \varnothing 50mm.



E 1,3-2,2m (4.26-7.21 ft)

X402 CROSSPOLE

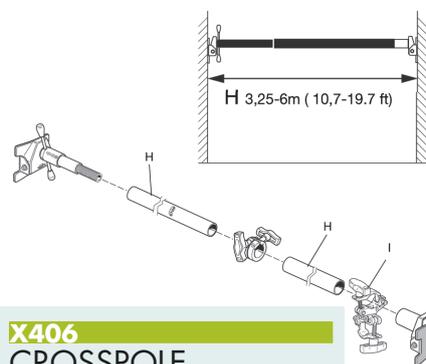
1,29m up to 2.2m CrossPole kit components:
Expander, Static Plate, Double Locking
Collar, 1 tubes \varnothing 45mm, 1 tube \varnothing 50mm.



F 2,2-4m (7.21-13.12 ft)

X404 CROSSPOLE

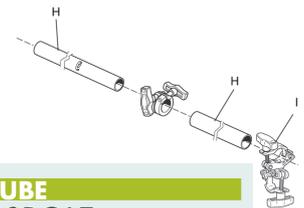
2,19m up to 4m CrossPole components:
Expander, Static Plate, Double Locking
Collar, 1 tube \varnothing 45mm, 1 tube \varnothing 50mm.



H 3,25-6m (10,7-19.7 ft)

X406 CROSSPOLE

6m CrossPole components:
Expander, Static Plate, Double Locking
Collar, 1 tube \varnothing 45mm, 1 tube \varnothing 50mm +
Cross Coupler.



X406TUBE CROSSPOLE

Tubes and accessories for 6m application
components 1 tube \varnothing 45mm, 1 tube
 \varnothing 50mm, Cross Coupler, Locking Collar.

NOTE

When the CROSSPOLE is installed between walls spacing more than 2m (6.5 ft) it is mandatory to use two or more devices, parallel- or cross-mounted, and coupled via the CROSSCOUPLER (COD X4560) not included in kit. In any case, the maximum payload cannot exceed 75kg (165 lb).



TUBES

Eight tubes in special aluminium to cover the distance between two walls up to 6 meters (3m tubes as accessories).



CROSS COUPLER

Dedicated component to create a combination of two or more CrossPole.



LOCKING COLLAR

Dedicated component that prevents the tube from sliding. Provided with aluminium handle grips and rubber covers.



STATIC PLATE

Special component that permits the bending of the tubes and guarantees the maximum grip with your wall. Provided with levelling bubble and assembled with bolts (no rivets).



EXPANDER

Innovative and patented component that permits the bending of the tubes and, using the automatic index, the pre-loading of the CrossPole. Designed to guarantee the maximum safety and resistance for the working life. Made by special aluminium and steel, provided with levelling bubble and assembled with bolts (no rivets).



MULTIFUNCTIONAL BAG

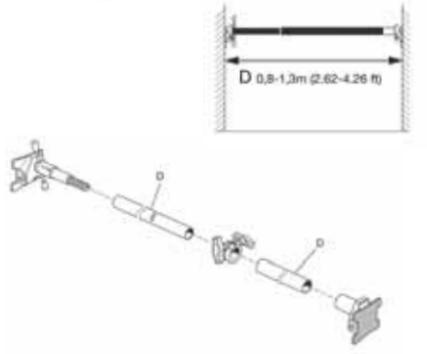
Versatile bag provided with a multipocket system to contain and protect all the components of the CrossPole kit.



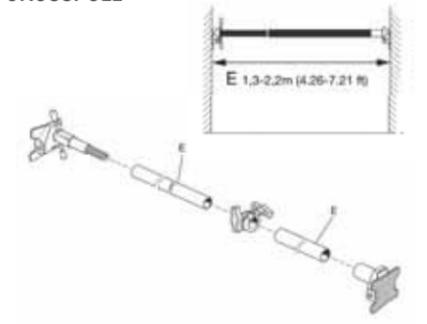
X400KIT
CROSSPOLE



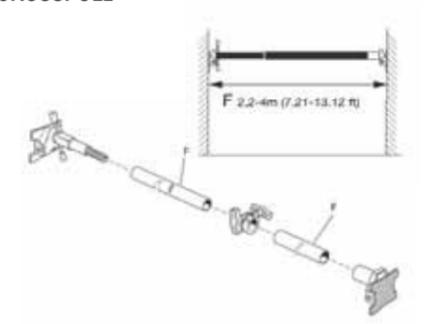
X401
CROSSPOLE



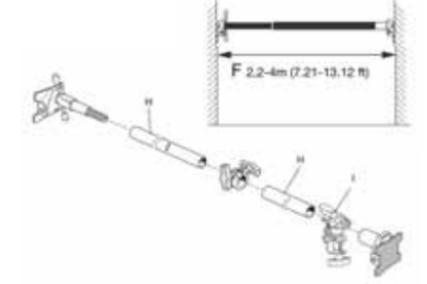
X402
CROSSPOLE



X404
CROSSPOLE



X406
CROSSPOLE



X406TUBE
CROSSPOLE



THE IDEA

CrossPole is a brand new product that is unique in its design and without competition. The idea for CrossPole came to us during a visit to a film set in Venice. The lack of ground or ceilings meant that traditional grip equipment could not be used, and this made us think of a new product to overcome these difficulties. The result is the CrossPole. You can discover the details of the CrossPole below, and you will see that the idea is as simple as it is useful.

MAX LOAD

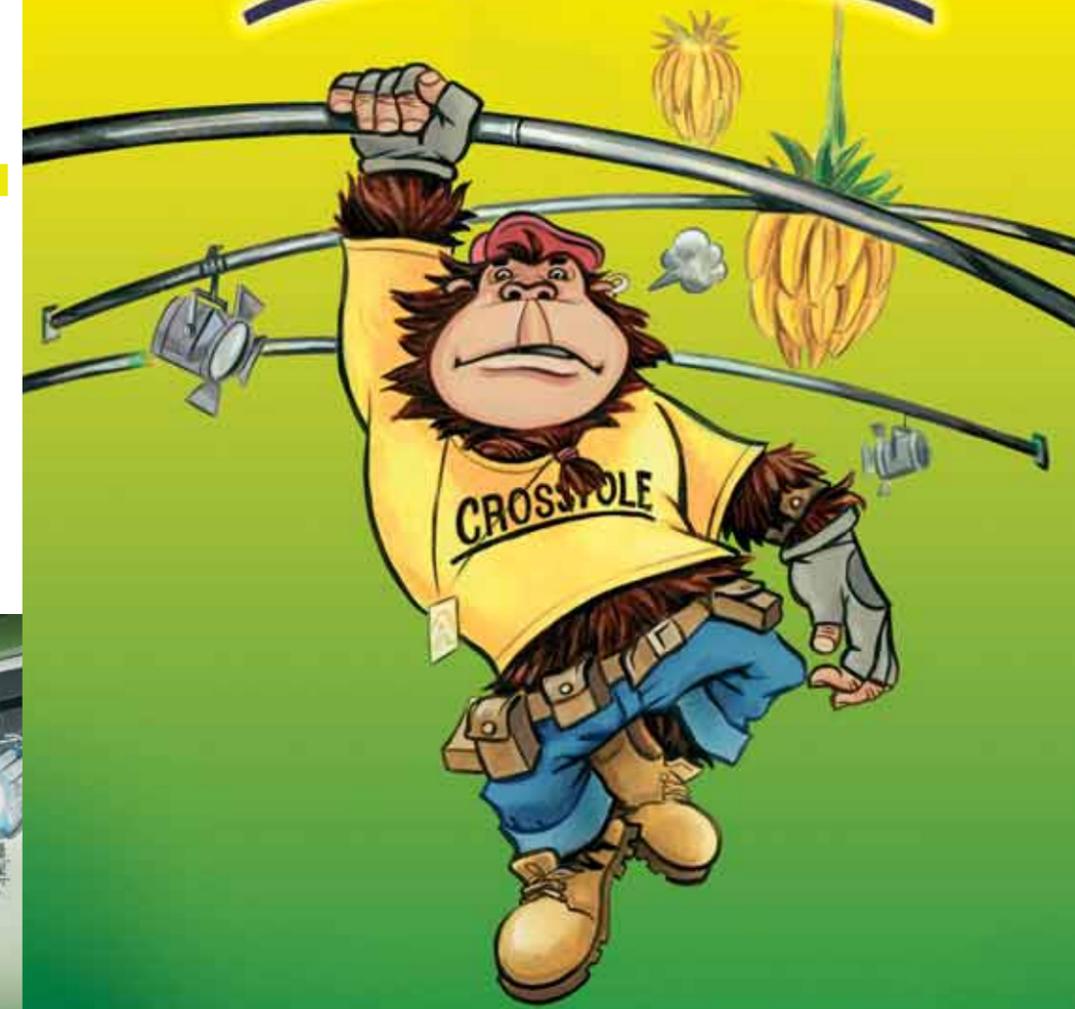
Due to the incredible number of applications and combinations, it would be impossible to declare every possible payload, so we decided to declare the maximum load at its extreme length. At 6 metres the maximum payload is 75kg.

FLEXIBILITY

With the CrossPole tubes you can have all the lengths from 80cm to 600cm.

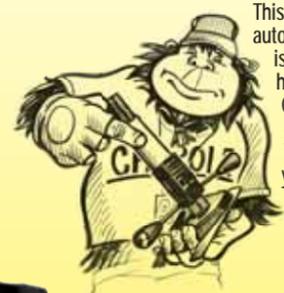


CROSSPOLE





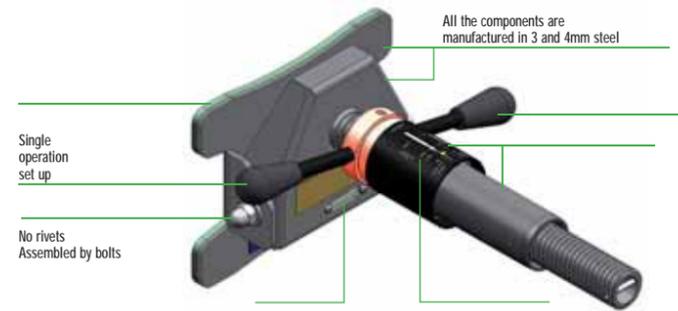
PRE-LOADING INDEX



This is an innovative system that automatically tells you when the CrossPole is perfectly adjusted. Simply adjust the handle grips to create the tension in the CrossPole until the metal index scale equals the distance between the walls. This solution is the perfect way to ensure your CrossPole is perfectly pre-loaded.

EXPANDER

This innovative and patented component is the active part of the CrossPole system. It creates the "flex" in the tubes and includes the automatic load index which ensures accurate pre-loading of the CrossPole. It is designed to ensure maximum safety and reliability for the working life of the product. It is manufactured from special aluminium and steel, includes a levelling bubble and is assembled with bolts, not rivets, to guarantee long term service ability. Innovative and patented component that permits the bending of the tubes and, using the automatic index, the pre-loading of the CrossPole. Designed to guarantee the maximum safety and resistance for the working life. Made by special aluminium and steel, provided with levelling bubble and assembled with bolts (no rivets).



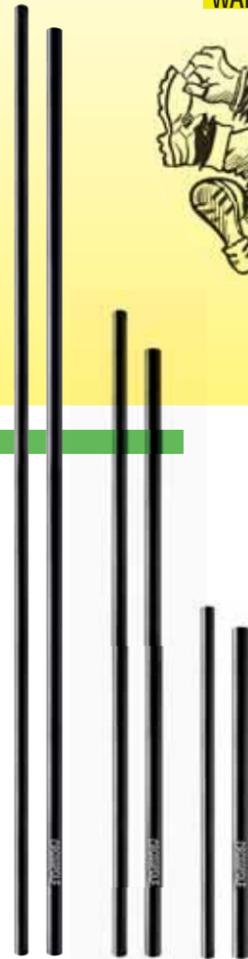
WARNING



Hanging people or animals is strictly forbidden.

TUBES

Eight different length special aluminium tubes are available. Combinations of these tubes allow coverage of spans between 0.8 metres up to 6 metres.



STATIC PLATE

Special component that permits the bending of the tubes and guarantees the maximum grip with your wall. Provided with levelling bubble and assembled with bolts (no rivets).



MULTIFUNCTIONAL BAG

Versatile bag provided with a multipocket system to contain and protect all the components of the CrossPole kit.

THE GORILLA'S THREE MOVES



- 1: Assemble the plates and tubes then extend the tubes until they reach the fixing surfaces.
- 2: Tighten the locking collar in order to stop the tubes from sliding together.
- 3: Pre-load the CrossPole using the Expander plate.

LOCKING COLLAR

Dedicated component that prevents the tube from sliding. Provided with aluminium handle grips and rubber covers.



CROSS COUPLER

Dedicated component to create a combination of two or more CrossPole.



ARMS SYSTEM



F900
BABY TRIPLE HEADER
5X16MM PIN / 16MM SOCKET



1,3kg

Length: 650mm.



T69
FIVE SOCKET BRACKET



6,10kg



28mm
 1" 1/8



28mm
 1" 1/8



50kg*

100cm long T Bar with 5x28mm sockets for attaching up to 5 lighting fixtures. Designed to fit on stand or bracket with 28mm socket.
 *When load on one side only, max load capacity: 15kg.



F700
BABY SIDE ARM TWIN
16MM PIN



2,1kg

Length: 38cm.

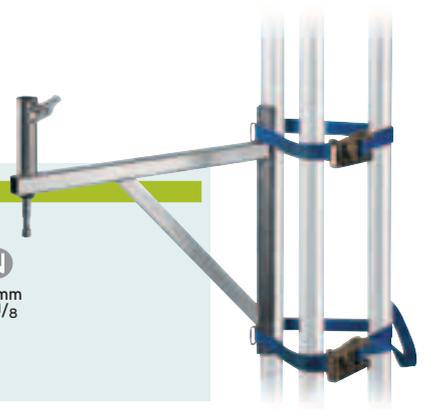


F200
JUNIOR ADJUSTABLE
SIDE ARM 28MM SOCKET



2,1kg

Length: 41cm.



F1200
COLUMN ARM



3,1kg



10kg



16mm
 5/8"



28mm
 1" 1/8

Length: 51cm.



F600
BABY OFFSET ARM/TWIN
16MM PIN / 16MM SOCKET

 0,7kg
Length: 38cm.



F100
JUNIOR OFFSET ARM
28MM PIN / 28MM SOCKET

 1,5kg
Length: 50cm.



C330
FIXED BABY SIDE ARM

 1,3kg  20kg  16mm
5/8"

Clamps on diameters from 48mm to 52mm.
Length: 44cm.

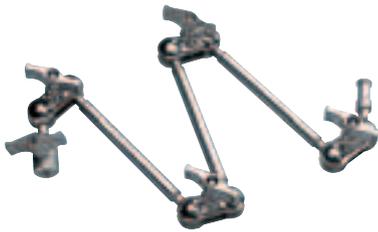


C335
FIXED JUNIOR SIDE ARM

 1,42kg  20kg  28mm
1" 1/8"

Clamps on diameters from 48mm to 52mm.
Length: 47cm.

BRACKETS AND BARS **SYSTEM**



D301 SNAP IN ARTICULATED ARM

 
0,63kg 0,35kg

Length: 78cm.

D306 ARTICULATED ARM WITH HEXAGONAL END

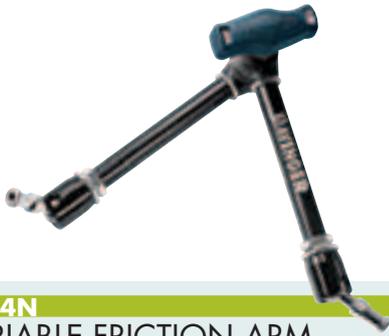
Similar to the D301 but with a hexagonal attachment at one end and a 16mm pin at the other.



D300 ARTICULATED ARM WITH SPRING CLAMP

 
0,85kg 0,25kg

Length: 91cm.



D244N

VARIABLE FRICTION ARM

- 1,09kg
- 16mm
5/8"
- 16mm
5/8"
- 3kg

Articulated arm with large locking knob to lock all 3 movements.



D310

MINI FLEX ARM

- 0,09kg

Flexible arm, Ø 10mm. Length: 11cm.
Attachment bushing and stud 6mm diam.



D315

MAXI FLEX ARM

- 0,16kg

Flexible arm, Ø 15mm. Length: 12,5cm.
Attachment bushing and stud 10mm diam.

PUMP CUP SYSTEM



F1000

**PUMP CUP WITH 16MM
BABY SWIVEL SPIGOT**

-  1,1kg
-  2kg
-  16mm
5/8"

Ideal for mounting small lights and camera systems onto flat, non-porous surfaces such as glass. A perfect tool for rigging car shoots.



F1100

**PUMP CUP WITH 16MM
BABY FIXED SPIGOT**

-  0,7kg
-  2kg
-  16mm
5/8"

Like the F1000, but with a fixed baby pin for added stability.



F809

BABY PLATE WITH 90° PIN

-  0,6kg
-  16mm

When a light stand or a clamp cannot be used to support fixtures, this baby plate with a right angle can be mounted on the wall.



F800

3" BABY WALL PLATE

-  0,4kg
-  16mm
5/8"

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used. Length 3".



F805

6" BABY WALL PLATE

-  0,72kg
-  16mm
5/8"

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used. Length 6".



F808

9" BABY WALL PLATE

-  0,85kg
-  16mm
5/8"

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used. Length 9".



F301
BABY WALL PLATE

0,4kg 16mm
5/8"

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used.



F300
JUNIOR WALL PLATE

0,68kg 28mm
1" 1/8"

A wall plate with a junior receiver to mount larger fixtures.



F810
BABY PLATE WITH 16MM SWIVEL SPIGOT

0,8kg 16mm
5/8"

Unique to the Avenger line, this baby plate allows fixtures to be fine-tuned with the built in swiveling baby pin.



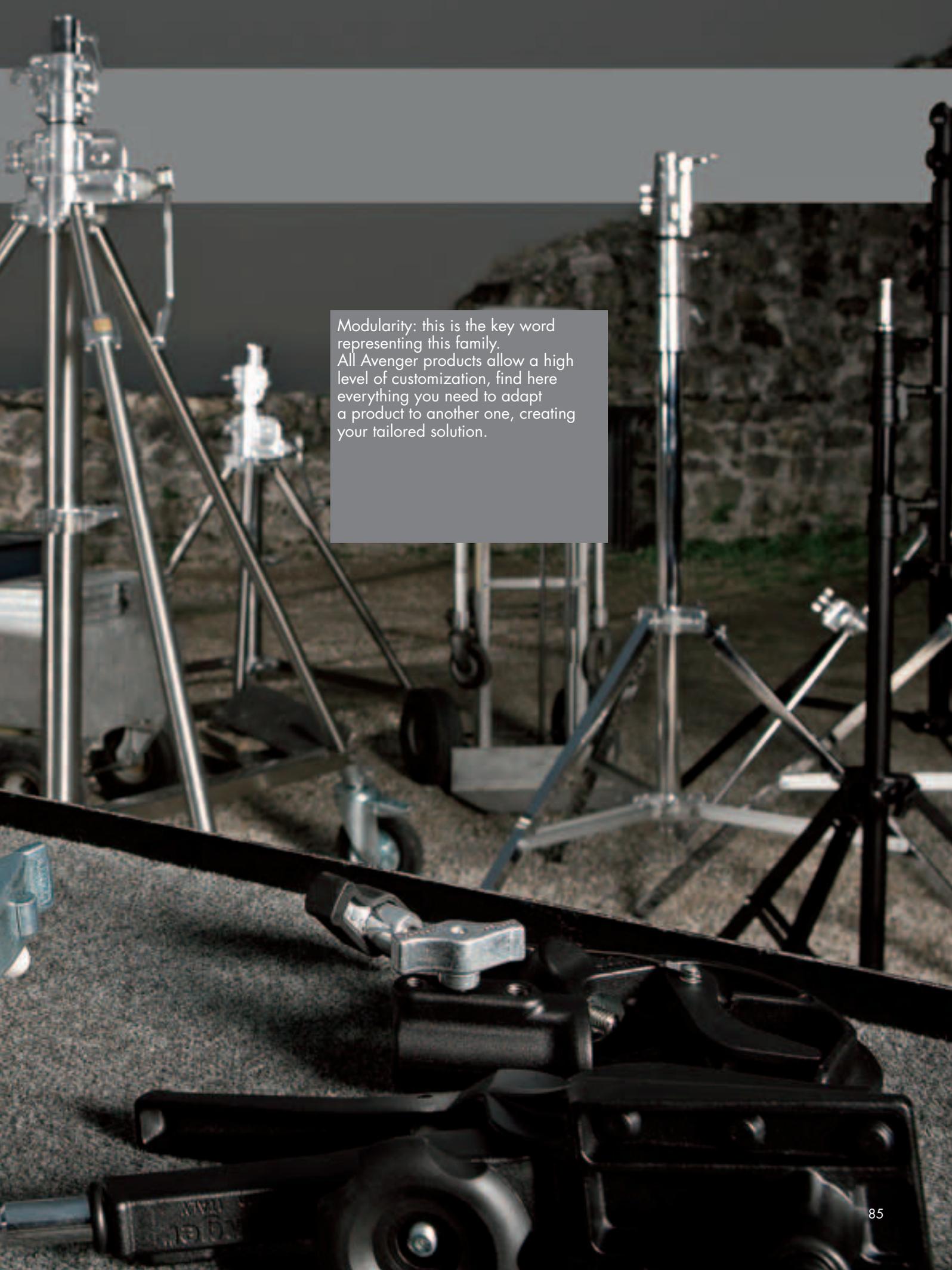
F815
BABY PLATE "T" PIN

0,94kg 16mm
5/8"

Height 38cm.

ACCESSORIES



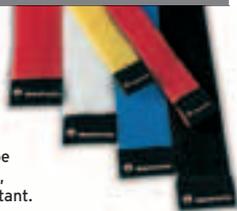


Modularity: this is the key word representing this family. All Avenger products allow a high level of customization, find here everything you need to adapt a product to another one, creating your tailored solution.

ACCESSORIES

371 CABLE GRIPS

Set of ten Cable Grips. Self-gripping double-sided velcro strips for wrapping and storing cables of any type and length. Cable Grip is fast, sure, reusable, and dirt-resistant.



Available in the following colours and sizes:
Black (B), Red (R), Yellow (Y), Blue (BL), White (W)

SIZE [cm]	2,5x15 (2515)	4,0x40 (4040)
	2,5x25 (2525)	4,0x60 (4060)
	2,5x40 (2540)	4,0x90 (4090)*

To order: combine product, colour and size code.
For example: 371B - 4060 Black Cable Grip 4,0x60 cm
*(Set of 5 Cable Grips)

027 STAND HOLDER

 2,8kg

Holder for 8 light stands.
Width: 115cm.
Distance between fixing holes: 64.4cm.
Depth: 19cm.



A9000 BRAKED WHEELS

 3,3kg  90kg

Ø: 100mm for 25x25mm square legs. Set of three.



C155 SAFETY CABLE

Diameter 4mm. Length 100cm.

C155-02 SAFETY CABLE

Diameter 5mm. Length 70cm.

C155-01 SAFETY CABLE

Diameter 3,5mm. Length 70cm.

C155-03 SAFETY CABLE

Diameter 6mm. Length 100cm.



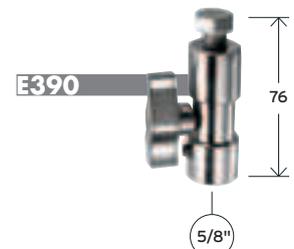
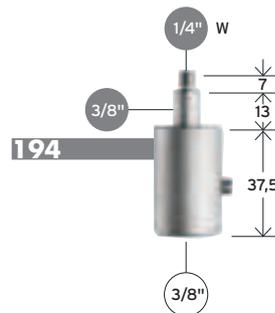
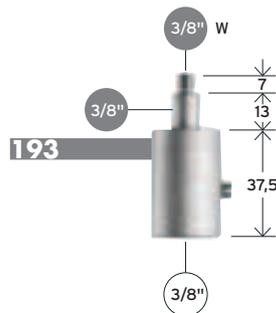
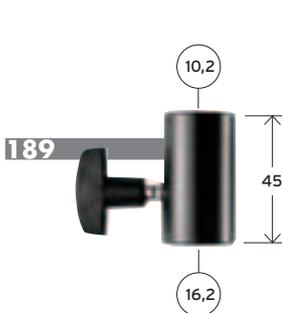
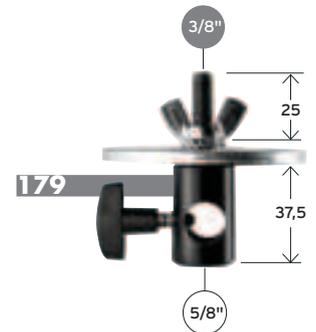
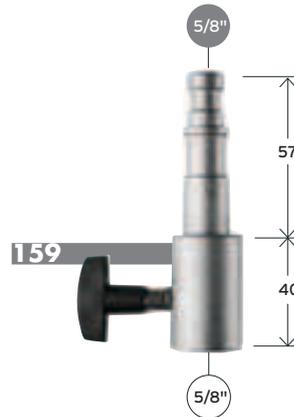
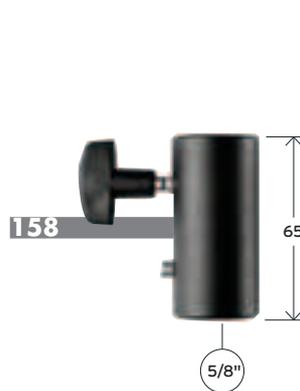
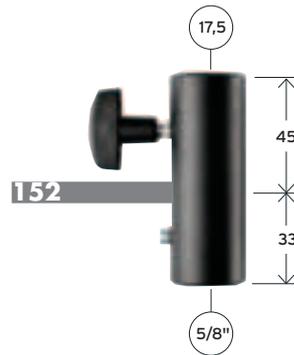
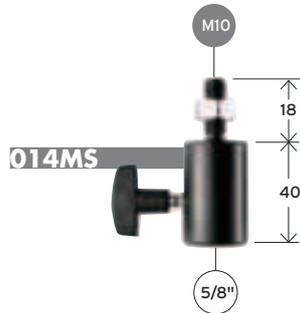
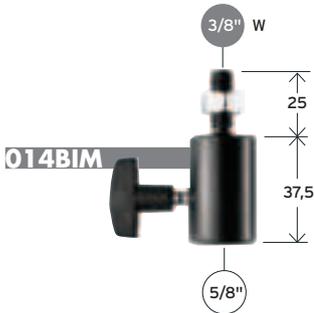
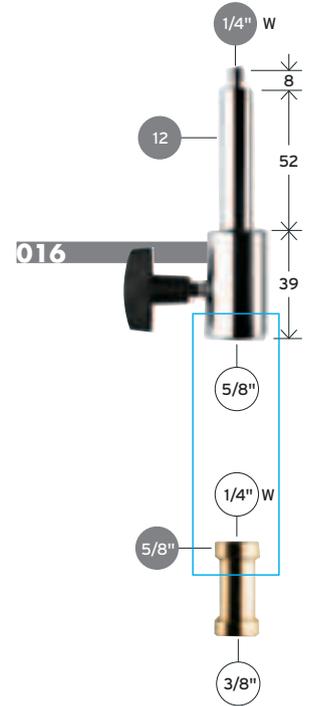
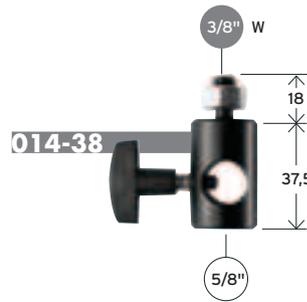
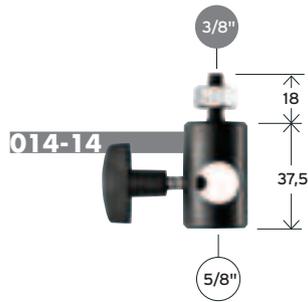
16mm FEMALE ADAPTERS

All measurements shown are metric unless otherwise stated.

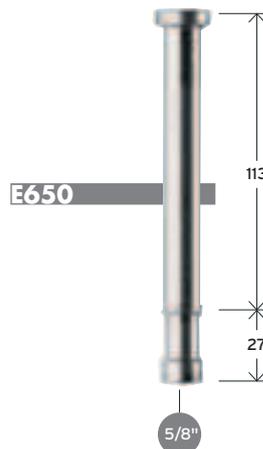
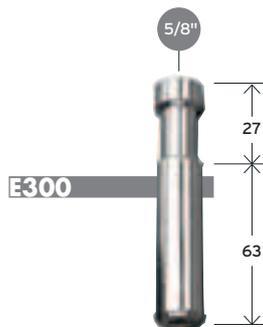
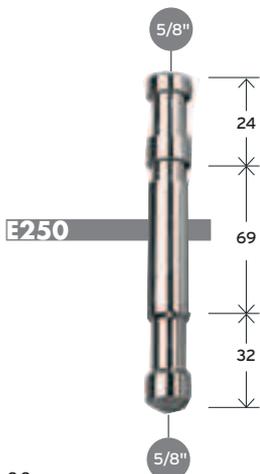
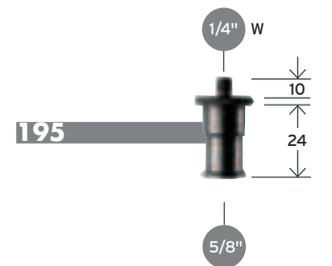
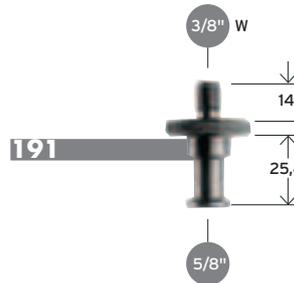
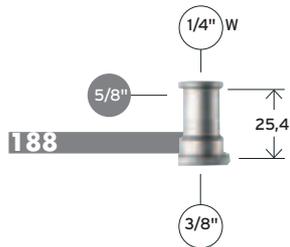
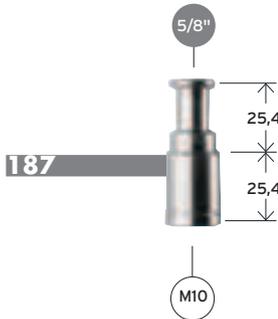
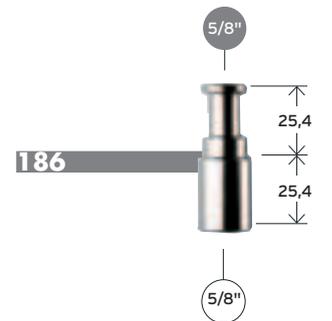
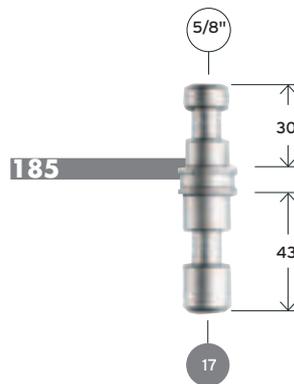
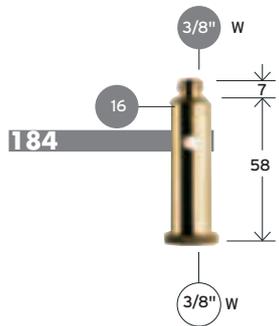
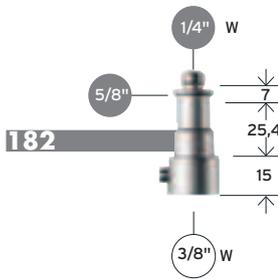
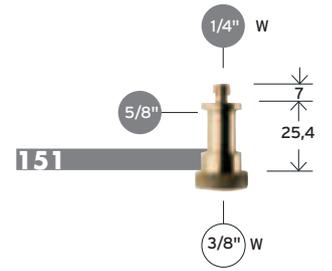
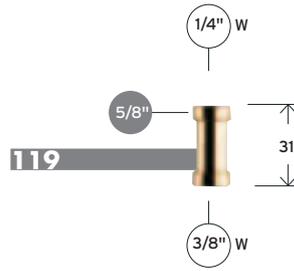
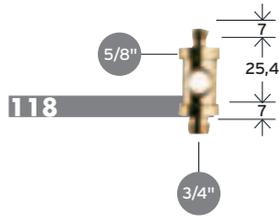
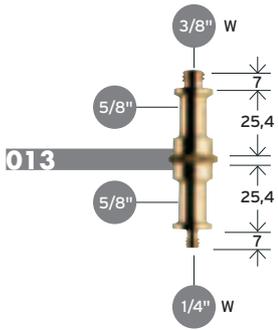
5/8" Indicates an external thread or stud diameter

5/8" Indicates an internal thread or socket diameter

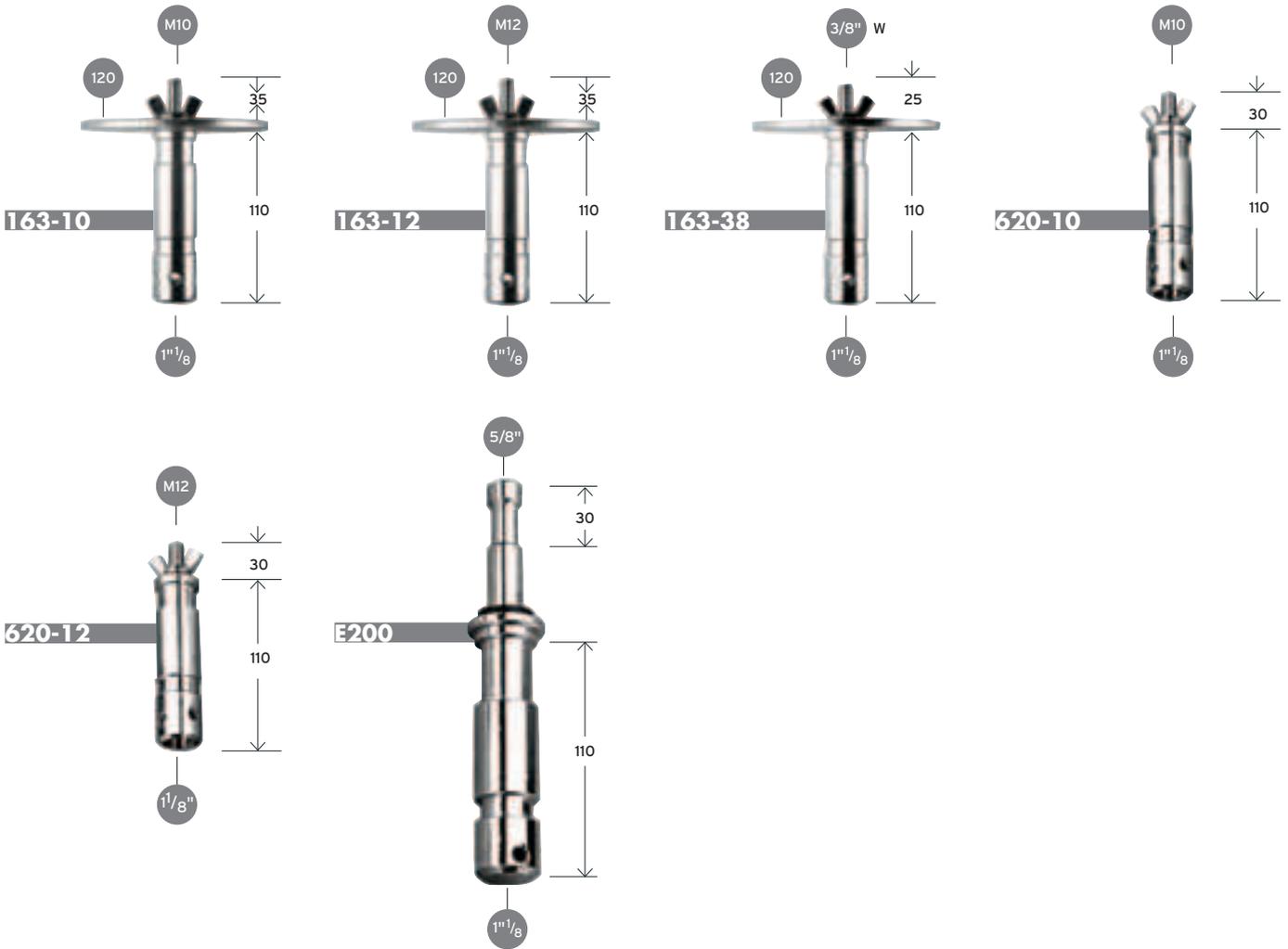
W Whitworth thread



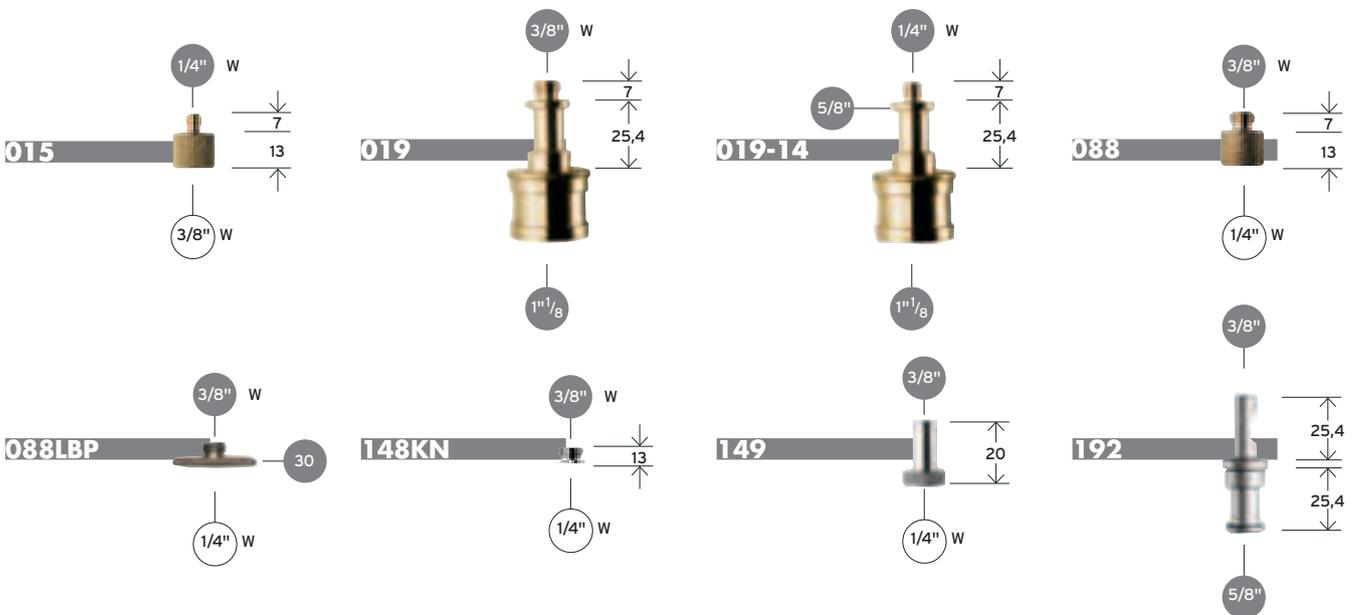
16mm MALE ADAPTERS



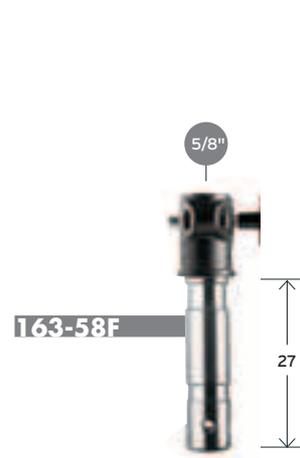
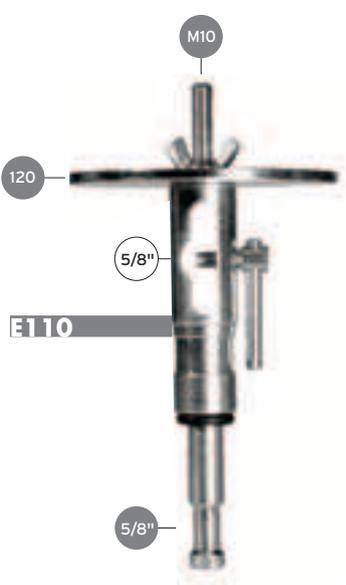
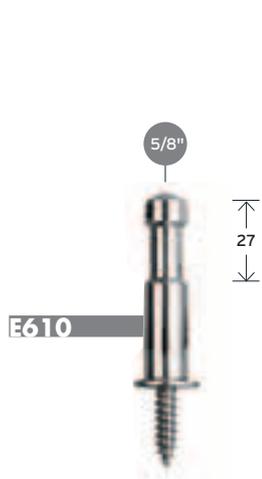
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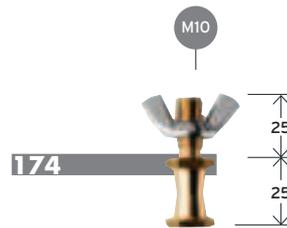
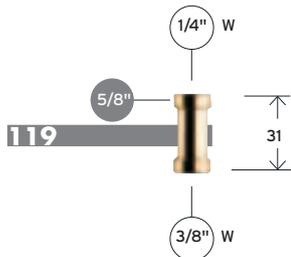
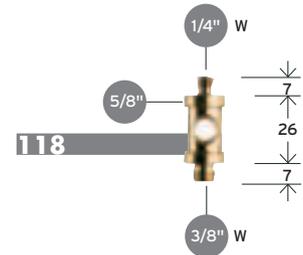
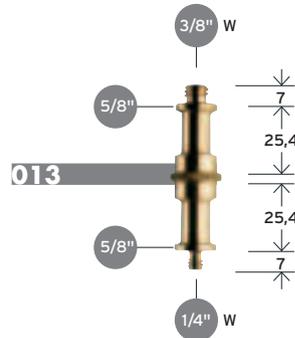
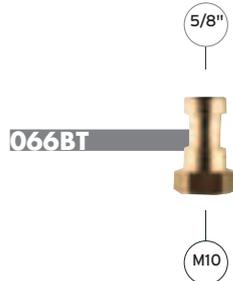
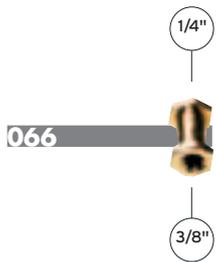
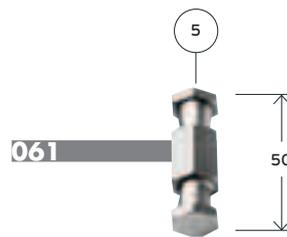
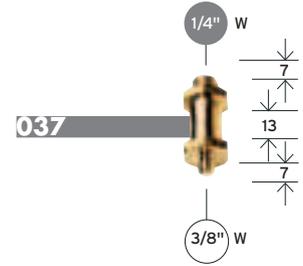
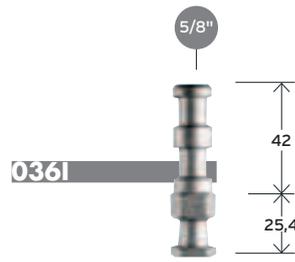
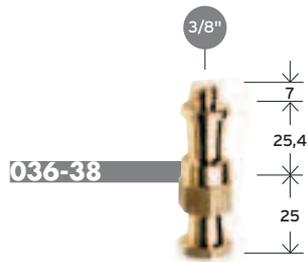
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SPECIAL ADAPTERS



SUPER CLAMP ADAPTERS



SWIVELLING ADAPTERS



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D240B	BLACK GRIP HEAD WITH SWIVEL PIN	18	H2012	FOLD AWAY FRAME 12X12'	51	1500SW	SUNLITE/WHITE 4X14" FINGER	45
D244N	VARIABLE FRICTION ARM	81	H2020BAG	BAG FOR 20X20' BUTTERFLY TEXTILES	50	1600	OPEN FRAME ONLY 12X18"	45
D250	GAG GOBO	18	H2020XBAG	BAG FOR 20X20' CROMAKEY BUTTERFLY TEXTILE	50	1600B	SOLID BLACK FLAG 12X18"	42
D250B	BLACK GAG GOBO	18	H2508	FOLD AWAY FRAME COMPACT 8X8'	51	1600CK	CHINA SILK 12X18"	42
D260	ADDA HEAD	18	H2512	FOLD AWAY FRAME COMPACT 12X12'	51	1600D	DOUBLE SCRIM 12X18"	42
D260B	BLACK ADDA HEAD	18	H400M	MODULAR FRAME 4X4'	52	1600DW	DOUBLE SCRIM 12X18"	42
D300	ARTICULATED ARM WITH SPRING CLAMP	80	H406EXT	MODULAR FRAME CONVERSION KIT FROM 4X4' TO 6X6'	53	1600K	SILK SCRIM 12X18"	42
D301	SNAP IN ARTICULATED ARM	80	H408EXT	MODULAR FRAME CONVERSION KIT FROM 4X4' TO 8X8'	53	1600K4	1/4 STOP SILK SCRIM 12X18"	42
D306	ARTICULATED ARM WITH HEXAGONAL END	80	H440	LIGHTWEIGHT FRAME 4X4'		1600S	SINGLE SCRIM 12X18"	42
D310	MINI FLEX ARM	81	H44BAG	BAG FOR 4X4' AND 6X6' BUTTERFLY TEXTILES	52	1600SW	SINGLE SCRIM WHITE 12X18"	42
D315	MAXI FLEX ARM	81	H600M	MODULAR FRAME 6X6'	50	1600T	TRIPLE SCRIM 12X18"	42
D340	CAMERA FLEXENTION KIT	46	H660	LIGHTWEIGHT FRAME 6X6'	52	1600TW	TRIPLE SCRIM WHITE 12X18"	42
D350	SPECIAL ADAPTER	90	H6BAG	FRAME BAG	52	1601	CLOSED FRAME ONLY 12X18"	42
D390	UNIVERSAL FLEXENTION KIT	46	H800M	MODULAR FRAME 8X8'	52	1610	COLLAPSIBLE FRAME ONLY 12X18"	42
D400	4 1/2" JUMBO GRIP HEAD	19-22	H806EXT	MODULAR FRAME CONVERSION KIT FROM 20X20', 12X12' AND 8X8' TO 6X6"	52	1610B	COLLAPSIBLE SOLID BLACK 12X18"	43
D400B	BLACK 4 1/2" JUMBO GRIP HEAD	19-22	H812EXT	MODULAR FRAME CONVERSION KIT FROM 8X8F' TO 12X12'	53	1610D	COLLAPSIBLE FRAME FOR DOUBLE SCRIM 12X18"	43
D420	JUMBO GAG GOBO	19	H88BAG	BAG FOR 8X8' AND 12X12' BUTTERFLY TEXTILES		1610K	COLLAPSIBLE SILK 12X18"	43
D420B	BLACK JUMBO GAG GOBO	19	H9000	D.I.Y. BUTTERFLY PIPE CORNER KIT 1 1/2"	50	1610KIT	COLLAPSIBLE KIT WITH BAG 12X18"	43
D500	20" EXTENSION GRIP ARM	19	H9500	D.I.Y. BUTTERFLY PIPE CORNER KIT 1 1/4"	53	1610S	COLLAPSIBLE SINGLE SCRIM 12X18"	43
D500B	BLACK 20" EXTENSION GRIP ARM	19	I100B	SOLID BLACK 3" DOT	53	16207	TRANSLUCENT 73X48" OVAL REFLECTOR	43
D520	40" EXTENSION GRIP ARM	19	I100D	DOUBLE SCRIM 3" DOT	45	16208	SUNFIRE/WHITE 73X48" OVAL REFLECTOR	45
D520B	BLACK 40" EXTENSION GRIP ARM	19	I100G5	GOLD/SILVER 3" DOT	45	16231	SILVER/WHITE 73X48" OVAL REFLECTOR	45
D550	FUN GRIP ARM	19	I100K	SILK 3" DOT	45	16234	SILVER/GOLD 73X48" OVAL REFLECTOR	45
D550B	BLACK FUN GRIP ARM	19	I100S	SINGLE SCRIM 3" DOT	45	16241	GOLD/WHITE 73X48" OVAL REFLECTOR	45
D560	BALL AND SOCKET FLAG ARM	47	I100SW	SUNLITE/WHITE 3" DOT	45	1650	OVAL REFLECTOR OPEN FRAME ONLY 18X24"	47
D570	EXTENSION ARM WITH SWIVEL PIN	74	I1010	MEAT AXE FLAG 30X36"	45	1650B	SCRIM AND FLAG - SOLID BLACK FLAG 18X24"	42
D570B	BLACK EXTENSION ARM WITH SWIVEL PIN	74	I1010FRAME	CLOSE FRAME ONLY 30X36"	44	1650CK	SCRIM AND FLAG - CHINA SILK 18X24"	42
D580	UNIVERSAL ARTICULATED ARM KIT	46	I1011	MINI MEAT AXE FLAG 24X48"	44	1650D	DOUBLE SCRIM 18X24"	42
D600	MINI BOOM	74	I1011FRAME	CLOSE FRAME ONLY 24X48"	44	1650DW	DOUBLE SCRIM WHITE 18X24"	42
D600CB	CHROME BLACK MINI BOOM	74	I1020	CUTTER 10X42"	44	1650K	SILK SCRIM 18X24"	42
D610	C-BOOM/FISHPOLE HOLDER	37	I1020FRAME	CLOSE FRAME ONLY 10X42"	44	1650K4	1/4 STOP SILK SCRIM 18X24"	42
D650	JUNIOR BOOM ARM	74	I1021	CUTTER 18X18"	44	1650S	SINGLE SCRIM 18X24"	42
D700B	COLLAPSIBLE REFLECTOR HOLDER	49	I1021FRAME	CLOSE FRAME ONLY 18X48"	44	1650SW	SINGLE SCRIM WHITE 18X24"	42
D705B	COLLAPSIBLE REFLECTOR HOLDER LONG	49	I1022	CUTTER 24X72"	44	1650T	TRIPLE SCRIM 18X24"	42
D750	40MM (1.6") TELESCOPIC POLYHOLDER	48	I1022FRAME	CLOSE FRAME ONLY 24X72"	44	1650TW	TRIPLE SCRIM WHITE 18X24"	42
D800KIT	GRIP KIT	19	I1023	CUTTER 40X40"	44	1651	CLOSED FRAME ONLY 18X24"	42
E100	SPECIAL ADAPTER	90	I1023FRAME	CLOSE FRAME ONLY 40X40"	44	1660	COLLAPSIBLE FRAME ONLY 18X24"	42
E110	SPECIAL ADAPTER	90	I1024	CUTTER 48X48"	42-44	1660B	COLLAPSIBLE SOLID BLACK 18X24"	43
E200	28MM MALE ADAPTER	89	I1024FRAME	CLOSE FRAME ONLY 48X48"	42-44	1660D	COLLAPSIBLE DOUBLE SCRIM 18X24"	43
E250	16MM MALE ADAPTER	88	I1030	FLOPPY CUTTER 24X72"	44	1660K	COLLAPSIBLE SILK 18X24"	43
E300	16MM MALE ADAPTER	88	I1031	FLOPPY CUTTER 48X48"	44	1660KIT	COLLAPSIBLE KIT WITH BAG 18X24"	43
E390	16MM FEMALE ADAPTER	87	I1550KIT	DOT & FINGER KIT	44	1660S	COLLAPSIBLE SINGLE SCRIM 18X24"	43
E600	SNAP-IN PIN FOR SUPER CLAMP	19-58-91	I2000BAG	BAG FOR OVAL REFLECTOR 20X15"	45	1700	OPEN FRAME ONLY 24X30"	43
E600C	STEEL SNAP-IN PIN FOR SUPER CLAMP	19-58-91	I2007	TRANSLUCENT 20X15" OVAL REFLECTOR	45	1700B	SOLID BLACK FLAG 24X30"	42
E610	SPECIAL ADAPTER	90	I2008	SUNFIRE/WHITE 20X15" OVAL REFLECTOR	45	1700CK	CHINA SILK 24X30"	42
E620	SPECIAL ADAPTER	90	I200B	SOLID BLACK 6" DOT	45	1700D	DOUBLE SCRIM 24X30"	42
E650	16MM MALE ADAPTER	88	I200D	DOUBLE SCRIM 6" DOT	45	1700DW	DOUBLE SCRIM WHITE 24X30"	42
E700	BABY DROP DOWN PIN	27	I200G5	GOLD/SILVER 6" DOT	45	1700K	SILK SCRIM 24X30"	42
E710	JUNIOR DROP DOWN PIN	27	I200K	SILK 6" DOT	45	1700K4	1/4 STOP SILK SCRIM 24X30"	42
F100	JUNIOR OFFSET ARM 28MM PIN 28MM SOCKET	79	I200S	SINGLE SCRIM 6" DOT	45	1700S	SINGLE SCRIM 24X30"	42
F1000	PUMP CUP WITH 16MM BABY SWIVEL SPIGOT	82	I200SW	SUNLITE/WHITE 6" DOT	45	1700SW	SINGLE SCRIM WHITE 24X30"	42
F1100	PUMP CUP WITH 16MM BABY FIXED SPIGOT	82	I2031	SILVER/WHITE 20X15" OVAL REFLECTOR	45	1700T	TRIPLE SCRIM 24X30"	42
F1200	COLUMN ARM	78	I2034	SILVER/GOLD 20X15" OVAL REFLECTOR	45	1700TW	TRIPLE SCRIM WHITE 24X30"	42
F1501	30MM (1.2") POLYHOLDER	48	I2041	GOLD/WHITE 20X15" OVAL REFLECTOR	45	1701	CLOSED FRAME ONLY 24X30"	42
F1504	FOAMCORE FORK 16MM PIN	47	I300B	SOLID BLACK 10" DOT	45	17200BAG	BAG FOR OVAL REFLECTOR 73X48"	42
F1520	50MM (2") POLYHOLDER WITH SWIVEL JOINT 28MM SPIGOT	48	I300D	DOUBLE SCRIM 10" DOT	45	1750	OPEN FRAME ONLY 24X36"	47
F1521	50MM (2") POLYHOLDER WITH 16MM SPIGOT	48	I300G5	GOLD/SILVER 10" DOT	45	1750B	SOLID BLACK FLAG 24X36"	42
F200	JUNIOR ADJUSTABLE SIDE ARM 28MM SOCKET	78	I300K	SILK 10" DOT	45	1750CK	CHINA SILK 24X36"	42
F300	JUNIOR WALL PLATE	83	I300S	SINGLE SCRIM 10" DOT	45	1750D	DOUBLE SCRIM 24X36"	42
F301	BABY WALL PLATE	83	I300SW	SUNLITE/WHITE 10" DOT	45	1750DW	DOUBLE SCRIM WHITE 24X36"	42
F600	BABY OFFSET ARM TWIN 16MM PIN 16MM SOCKET	79	I3800BAG	BAG FOR OVAL REFLECTOR 37X28"	45	1750K	SILK SCRIM 24X36"	42
F700	BABY SIDE ARM TWIN 16MM PIN	78	I3807	TRANSLUCENT 37X28" OVAL REFLECTOR	45	1750K4	1/4 STOP SILK SCRIM 24X36"	42
F800	3" BABY WALL PLATE	82	I3808	SUNFIRE/WHITE 37X28" OVAL REFLECTOR	45	1750S	SINGLE SCRIM 24X36"	42
F805	6" BABY WALL PLATE	82	I3831	SILVER/WHITE 37X28" OVAL REFLECTOR	45	1750SW	SINGLE SCRIM WHITE 24X36"	42
F808	9" BABY WALL PLATE	82	I3834	SILVER/GOLD 37X28" OVAL REFLECTOR	45	1750T	TRIPLE SCRIM 24X36"	42
F809	BABY PLATE WITH 90° PIN	82	I3841	GOLD/WHITE 37X28" OVAL REFLECTOR	45	1751	CLOSED FRAME ONLY 24X36"	42
F810	BABY PLATE WITH 16MM SWIVEL SPIGOT	83	I400B	SOLID BLACK 2X12" FINGER	45	1760	COLLAPSIBLE FRAME ONLY 24X36"	42
F815	BABY PLATE "T" PIN	83	I400D	DOUBLE SCRIM 2X12" FINGER	45	1760B	COLLAPSIBLE SOLID BLACK 24X36"	43
F820	SWIVELLING ADAPTER	92	I400G5	GOLD/SILVER 2X12" FINGER	45	1760D	COLLAPSIBLE DOUBLE SCRIM 24X36"	43
F820RH	SWIVELLING ADAPTER	92	I400K	SILK 2X12" FINGER	45	1760K	COLLAPSIBLE SILK 24X36"	43
F820TH	SWIVELLING ADAPTER	92	I400S	SINGLE SCRIM 2X12" FINGER	45	1760KIT	COLLAPSIBLE KIT WITH BAG 24X36"	43
F825	SWIVELLING ADAPTER	92	I400SW	SUNLITE/WHITE 2X12" FINGER	45	1760S	COLLAPSIBLE SINGLE SCRIM 24X36"	43
F825RH	SWIVELLING ADAPTER	92	I4800BAG	BAG FOR OVAL REFLECTOR 48X35"	45	1780	OPEN FRAME ONLY 30X36"	43
F825TH	SWIVELLING ADAPTER	92	I4807	TRANSLUCENT 48X35" OVAL REFLECTOR	45	1780B	SOLID BLACK FLAG 30X36"	42
F830	SWIVELLING ADAPTER	92	I4808	SUNFIRE/WHITE 48X35" OVAL REFLECTOR	45	1780CK	CHINA SILK 30X36"	42
F830RH	SWIVELLING ADAPTER	92	I4831	SILVER/WHITE 48X35" OVAL REFLECTOR	45	1780D	DOUBLE SCRIM 30X36"	42
F830TH	SWIVELLING ADAPTER	92	I4834	SILVER/GOLD 48X35" OVAL REFLECTOR	45	1780DW	DOUBLE SCRIM WHITE 30X36"	42
F831TH	SWIVELLING ADAPTER	92	I4841	GOLD/WHITE 48X35" OVAL REFLECTOR	45	1780K	SILK SCRIM 30X36"	42
F900	BABY TRIPLE HEADER 5X16MM PIN 16MM SOCKET	79	I500B	SOLID BLACK 4X14" FINGER	45	1780K4	1/4 STOP SILK SCRIM 30X36"	42
G100	SMALL SAND BAG	38	I500D	DOUBLE SCRIM 4X14" FINGER	45	1780S	SINGLE SCRIM 30X36"	42
G200	LARGE SAND BAG	39				1780SW	SINGLE SCRIM WHITE 30X36"	42
H1200M	MODULAR FRAME 6X6'	52				1780T	TRIPLE SCRIM 30X36"	42
H1220EXT	MODULAR FRAME CONVERSION KIT FROM 12X12' TO 20X20'	53				1780TW	TRIPLE SCRIM WHITE 30X36"	42

art	description	page	art	description	page
1781	CLOSED FRAME ONLY 30X36"	42	19205DL	SOFT DIFFUSER LIGHT (LIGHT GRID) 12X12' BUTTERFLY TEXTILE	50
1790CK	CHINA SILK 48X48"	42	19205US	SUNFIRE/SILVER 12X12' BUTTERFLY TEXTILE	50
1790D	DOUBLE SCRIM 48X48"	42	19205W	SILVER/WHITE 12X12' BUTTERFLY TEXTILE	50
1790DW	DOUBLE SCRIM WHITE 48X48"	42	1920WB	WHITE BLOCK 12X12' BUTTERFLY TEXTILE	50
1790K	SILK SCRIM 48X48"	42	1920WDN	WHITE DOUBLE NET 12X12' BUTTERFLY TEXTILE	50
1790K4	1/4 STOP SILK SCRIM 48X48"	42	1920WG	WHITE/GOLD 12X12' BUTTERFLY TEXTILE	50
1790S	SINGLE SCRIM 48X48"	42	1920WSN	WHITE SINGLE NET 12X12' BUTTERFLY TEXTILE	50
1790SW	SINGLE SCRIM WHITE 48X48"	42	1930BDN	BLACK DOUBLE NET 20X20' BUTTERFLY TEXTILE	50
1790T	TRIPLE SCRIM 48X48"	42	1930BL	BLACK COMMANDO 20X20' BUTTERFLY TEXTILE	50
1790TW	TRIPLE SCRIM WHITE 48X48"	42	1930BSN	BLACK SINGLE NET 20X20' BUTTERFLY TEXTILE	50
1800	BLACK METAL FLAG	42	1930CK	CHINA SILK 20X20' BUTTERFLY TEXTILE	50
18030CB	MOUNTING STIRRUP FOR 40" REFLECTOR BOARD	46	1930CKB	CROMAKEY BLUE 20X20' BUTTERFLY TEXTILE	50
1810	BLACK PLASTIC FLAG	49	1930CKG	CROMAKEY GREEN 20X20' BUTTERFLY TEXTILE	50
1905BDN	BLACK DOUBLE NET 4X4' BUTTERFLY TEXTILE	46	1930GBW	GRIFOLYN BLACK/WHITE 20X20' BUTTERFLY TEXTILE	50
1905BL	BLACK COMMANDO 4X4' BUTTERFLY TEXTILE	50	1930K	SILK (ARTIFICIAL) 20X20' BUTTERFLY TEXTILE	50
1905BSN	BLACK SINGLE NET 4X4' BUTTERFLY TEXTILE	50	1930K4	SILK 1/4 STOP 20X20' BUTTERFLY TEXTILE	50
1905CK	CHINA SILK 4X4' BUTTERFLY TEXTILE	50	1930MB	MUSLIN BLEACHED 20X20' BUTTERFLY TEXTILE	50
1905CKB	CROMAKEY BLUE 4X4' BUTTERFLY TEXTILE	50	1930MU	MUSLIN UNBLEACHED 20X20' BUTTERFLY TEXTILE	50
1905CKG	CROMAKEY GREEN 4X4' BUTTERFLY TEXTILE	50	1930SD	SOFT DIFFUSER (GRID) 20X20' BUTTERFLY TEXTILE	50
1905GBW	GRIFOLYN BLACK/WHITE 4X4' BUTTERFLY TEXTILE	50	1930SDL	SOFT DIFFUSER LIGHT (LIGHT GRID) 20X20' BUTTERFLY TEXTILE	50
1905K	SILK (ARTIFICIAL) 4X4' BUTTERFLY TEXTILE	50	1930SUS	SUNFIRE/SILVER 20X20' BUTTERFLY TEXTILE	50
1905K4	SILK 1/4 STOP 4X4' BUTTERFLY TEXTILE	50	1930SW	SILVER/WHITE 20X20' BUTTERFLY TEXTILE	50
1905MB	MUSLIN BLEACHED 4X4' BUTTERFLY TEXTILE	50	1930WB	WHITE BLOCK 20X20' BUTTERFLY TEXTILE	50
1905MU	MUSLIN UNBLEACHED 4X4' BUTTERFLY TEXTILE	50	1930WDN	WHITE DOUBLE NET 20X20' BUTTERFLY TEXTILE	50
1905SD	SOFT DIFFUSER (GRID) 4X4' BUTTERFLY TEXTILE	50	1930WG	WHITE/GOLD 20X20' BUTTERFLY TEXTILE	50
1905SDL	SOFT DIFFUSER LIGHT (LIGHT GRID) 4X4' BUTTERFLY TEXTILE	50	1930WSN	WHITE SINGLE NET 20X20' BUTTERFLY TEXTILE	50
1905SUS	SUNFIRE/SILVER 4X4' BUTTERFLY TEXTILE	50	1999	SWATCH TEXTILE SAMPLES	50
1905SW	SILVER/WHITE 4X4' BUTTERFLY TEXTILE	50	X400KIT	CROSSPOLE KIT	44
1905WB	WHITE BLOCK 4X4' BUTTERFLY TEXTILE	50	X401	CROSSPOLE	76
1905WDN	WHITE DOUBLE NET 4X4' BUTTERFLY TEXTILE	50	X402	CROSSPOLE	76
1905WG	WHITE/GOLD 4X4' BUTTERFLY TEXTILE	50	X404	CROSSPOLE	76
1905WSN	WHITE SINGLE NET 4X4' BUTTERFLY TEXTILE	50	X406	CROSSPOLE	76
1910BDN	BLACK DOUBLE NET 6X6' BUTTERFLY TEXTILE	50	X406TUBE	CROSSPOLE	76
1910BL	BLACK COMMANDO 6X6' BUTTERFLY TEXTILE	50			
1910BSN	BLACK SINGLE NET 6X6' BUTTERFLY TEXTILE	50			
1910CK	CHINA SILK 6X6' BUTTERFLY TEXTILE	50			
1910CKB	CROMAKEY BLUE 6X6' BUTTERFLY TEXTILE	50			
1910CKG	CROMAKEY GREEN 6X6' BUTTERFLY TEXTILE	50			
1910GBW	GRIFOLYN BLACK/WHITE 6X6' BUTTERFLY TEXTILE	50			
1910K	SILK (ARTIFICIAL) 6X6' BUTTERFLY TEXTILE	50			
1910K4	SILK 1/4 STOP 6X6' BUTTERFLY TEXTILE	50			
1910MB	MUSLIN BLEACHED 6X6' BUTTERFLY TEXTILE	50			
1910MU	MUSLIN UNBLEACHED 6X6' BUTTERFLY TEXTILE	50			
1910SD	SOFT DIFFUSER (GRID) 6X6' BUTTERFLY TEXTILE	50			
1910SDL	SOFT DIFFUSER LIGHT (LIGHT GRID) 6X6' BUTTERFLY TEXTILE	50			
1910SET	ELASTIC HOOK SET	50			
1910SUS	SUNFIRE/SILVER 6X6' BUTTERFLY TEXTILE	50			
1910SW	SILVER/WHITE 6X6' BUTTERFLY TEXTILE	50			
1910WB	WHITE BLOCK 6X6' BUTTERFLY TEXTILE	50			
1910WDN	WHITE DOUBLE NET 6X6' BUTTERFLY TEXTILE	50			
1910WG	WHITE/GOLD 6X6' BUTTERFLY TEXTILE	50			
1910WSN	WHITE SINGLE NET 6X6' BUTTERFLY TEXTILE	50			
1915BDN	BLACK DOUBLE NET 8X8' BUTTERFLY TEXTILE	50			
1915BL	BLACK COMMANDO 8X8' BUTTERFLY TEXTILE	50			
1915BSN	BLACK SINGLE NET 8X8' BUTTERFLY TEXTILE	50			
1915CK	CHINA SILK 8X8' BUTTERFLY TEXTILE	50			
1915CKB	CROMAKEY BLUE 8X8' BUTTERFLY TEXTILE	50			
1915CKG	CROMAKEY GREEN 8X8' BUTTERFLY TEXTILE	50			
1915GBW	GRIFOLYN BLACK/WHITE 8X8' BUTTERFLY TEXTILE	50			
1915K	SILK (ARTIFICIAL) 8X8' BUTTERFLY TEXTILE	50			
1915K4	SILK 1/4 STOP 8X8' BUTTERFLY TEXTILE	50			
1915MB	MUSLIN BLEACHED 8X8' BUTTERFLY TEXTILE	50			
1915MU	MUSLIN UNBLEACHED 8X8' BUTTERFLY TEXTILE	50			
1915SD	SOFT DIFFUSER (GRID) 8X8' BUTTERFLY TEXTILE	50			
1915SDL	SOFT DIFFUSER LIGHT (LIGHT GRID) 8X8' BUTTERFLY TEXTILE	50			
1915SUS	SUNFIRE/SILVER 8X8' BUTTERFLY TEXTILE	50			
1915SW	SILVER/WHITE 8X8' BUTTERFLY TEXTILE	50			
1915WB	WHITE BLOCK 8X8' BUTTERFLY TEXTILE	50			
1915WDN	WHITE DOUBLE NET 8X8' BUTTERFLY TEXTILE	50			
1915WG	WHITE/GOLD 8X8' BUTTERFLY TEXTILE	50			
1915WSN	WHITE SINGLE NET 8X8' BUTTERFLY TEXTILE	50			
1920BDN	BLACK DOUBLE NET 12X12' BUTTERFLY TEXTILE	50			
1920BL	BLACK COMMANDO 12X12' BUTTERFLY TEXTILE	50			
1920BSN	BLACK SINGLE NET 12X12' BUTTERFLY TEXTILE	50			
1920CK	CHINA SILK 12X12' BUTTERFLY TEXTILE	50			
1920CKB	CROMAKEY BLUE 12X12' BUTTERFLY TEXTILE	50			
1920CKG	CROMAKEY GREEN 12X12' BUTTERFLY TEXTILE	50			
1920GBW	GRIFOLYN BLACK/WHITE 12X12' BUTTERFLY TEXTILE	50			
1920K	SILK (ARTIFICIAL) 12X12' BUTTERFLY TEXTILE	50			
1920K4	SILK 1/4 STOP 12X12' BUTTERFLY TEXTILE	50			
1920MB	MUSLIN BLEACHED 12X12' BUTTERFLY TEXTILE	50			
1920MU	MUSLIN UNBLEACHED 12X12' BUTTERFLY TEXTILE	50			
1920SD	SOFT DIFFUSER (GRID) 12X12' BUTTERFLY TEXTILE	50			

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