

KOKA GROUP

Cable & Strut & Pipe Support Systems

- ✓ **HIGH QUALITY IS OUR OBLIGATION**
- ✓ **GREAT SERVICE IS OUR MISSION**
- ✓ **CUSTOMER FIRST, CONTACT US NOW.**

BEST VALUE ! BEST KOKA !

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KOKA

Strut Support Systems Pipe Support Systems Product Catalogue



**CABLE TRAY
CABLE LADDER
CABLE TRUNKING
WIRE MESH CABLE TRAY
PIPE SUPPORT SYSTEMS
STRUT CHANNEL FITTING SYSTEMS
STRUT CHANNEL FRAMING SYSTEMS
CHOOSE KOKA ! CHOOSE SAFE !**



www.chinakoka.com

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KOKA

STRUT FRAMING SYSTEMS

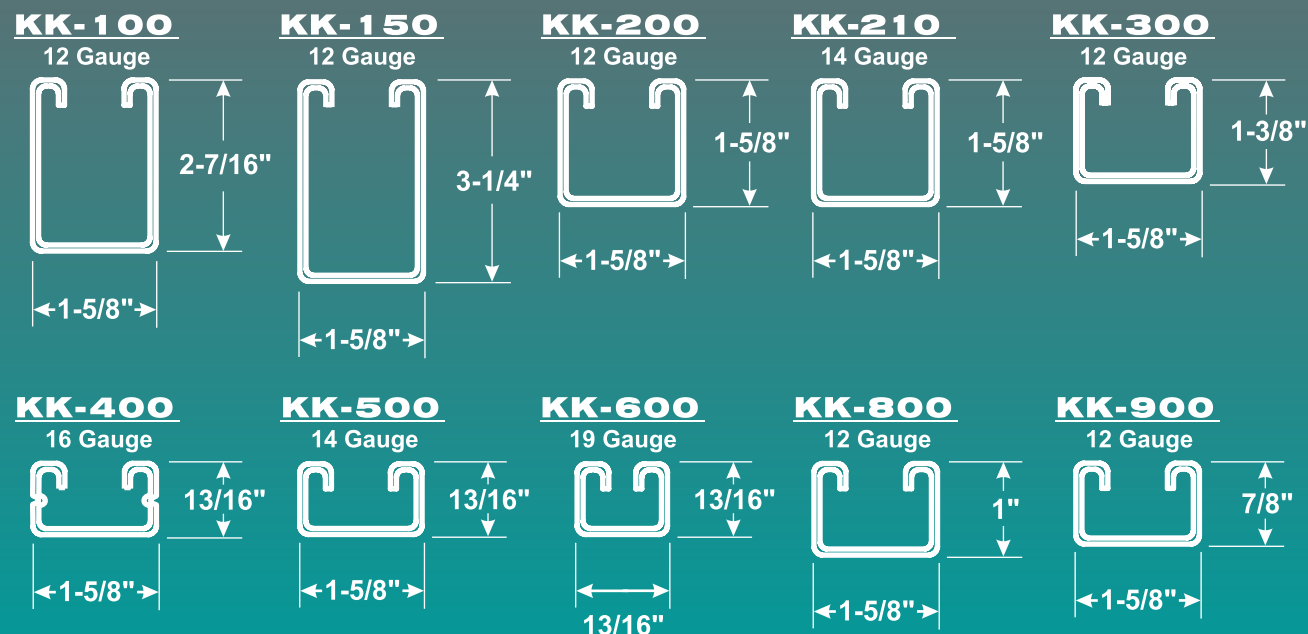
For over 30 years ,Shanghai Koka Industrial CO.,Ltd is committed to becoming a leading provider of quality electrical products in china Region as well as internationally .
Strut line of continuous slotted steel framing channel. All koka Strut products are manufactured to the highest standards. For example, struts are made with a galvanized finish, making the unit extremely durable and immune to chips or ruptures, even under severe impact. Lock nuts are serrated, requiring only normal wrench pressure to secure the nuts into the turned-in channel lips. And a variety of fittings are available, providing a virtually unlimited selection of metal framing and support structures.

ADVANTAGES OF PW STRUT

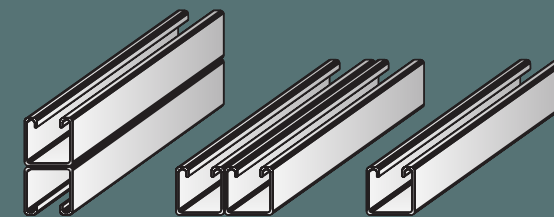
- ▶ HIGH STRENGTH-TO-COST RATIO
- ▶ COMPLETELY ADJUSTABLE
- ▶ NO WELDING OR DRILLING REQUIRED
- ▶ STRUT IS RE-USABLE
- ▶ ONE INVENTORY ADAPTABLE TO MANY JOBS
- ▶ SAW AND WRENCH ARE THE ONLY TOOLS NEEDED

A FEW ENDLESS USES

SHELVING...STORAGE RACKS...CURTAIN WALL SUPPORTS...PIPING SUPPORTS...PIPE TUNNEL FRAMEWORKS...EQUIPMENT FRAMING...MECHANICAL ROOM GRIDS...CONCRETE INSERTS...CABLE, CONDUIT, CABLE TRAY OR BUS SUPPORTS...LUMINOUS CEILING SUPPORTS...RACEWAY SYSTEM SUPPORTS...MEZZANINE FRAMING...FLUORESCENT FIXTURE SUPPORTS...DROP FRAMES...PARTITION FRAMING...DISPLAYS

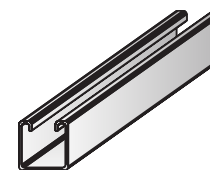


Standard channels are mill galvanized steel per ASTM A-653.
Hot-dip galvanized steel, stainless steel, and extruded aluminum are also available.
Standard lengths are 10' and 20'; custom lengths are available.



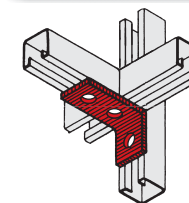
STRUT FRAMING SYSTEMS

Straight Sections



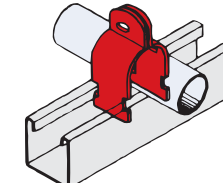
Pages 4 - 5

Fittings



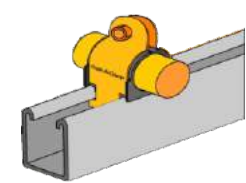
Pages 6 - 20

Pipe Fitting Accessories



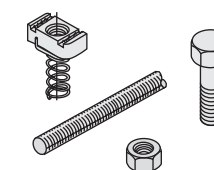
Pages 21 - 22

Cushion clamp



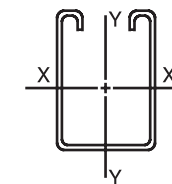
Pages 23 - 27

Channel Nuts & Hardware



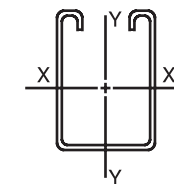
Pages 28 - 32

Engineering Data



Pages 33 - 36

Concrete Inserts



Pages 37 - 38

SPECIFICATION SUGGESTIONS

Channels are cold roll formed from mild steel with a mill galvanized finish per ASTM A-653. Channels have a standard width dimension of 1-5/8". Standard lengths are 10 ft. or 20 ft. Lock nuts have serrated grooves for locking to the channel lips. Lock nuts are hot rolled steel, cyanide hardened, and electro-galvanized. Fittings are made of commercial quality hot rolled steel, with an electro-galvanized finish.

PIPE SUPPORT SYSTEMS

PIPE DIAMETER CHART

Pipe
NB
Mass Pipe
kg/m

Ø D



CHANNEL/STRUT



SLOTTED CHANNEL



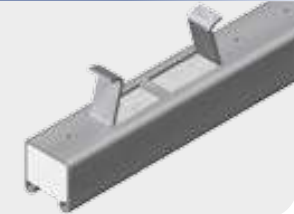
COMBINATION CHANNEL



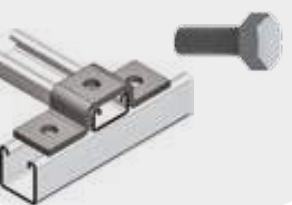
CHANNEL ACCESSORIES



CONCRETE INSERT CHANNEL



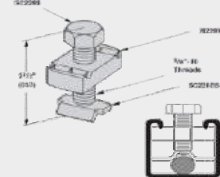
FITTINGS & FASTENERS



CANTILEVER BRACKETS



ROD STIFFENER



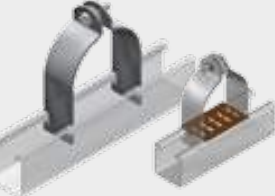
LOOP HANGERS



SADDLE CLAMPS



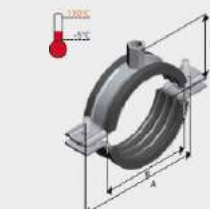
CHANNEL/STRUT CLIPS



CUSHION CLAMPS



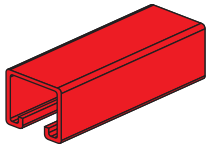
INSULATED PIPE CLAMP



CONDUIT BEAM CLAMP

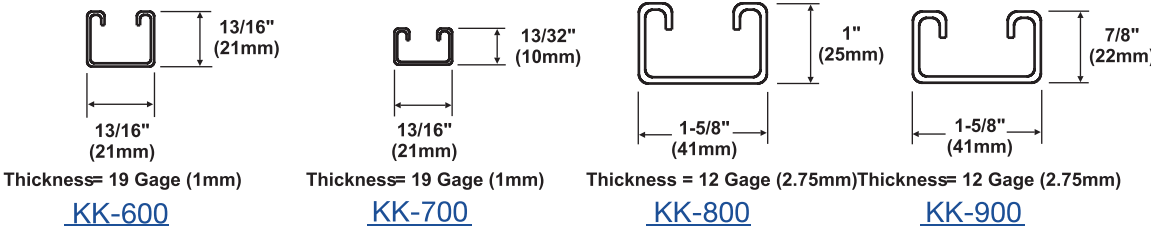
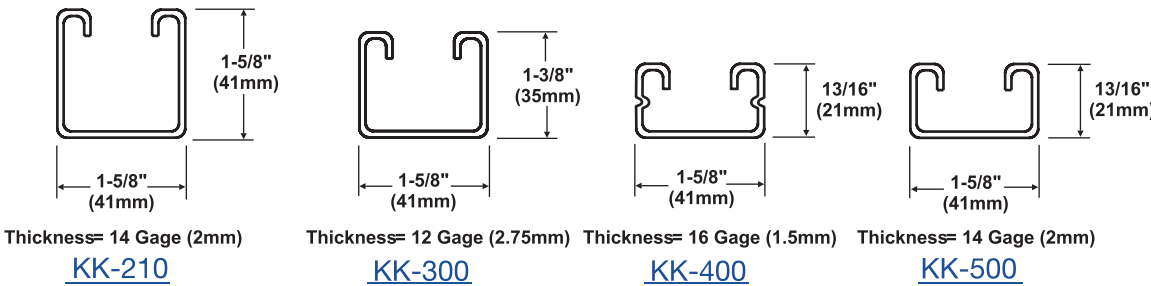
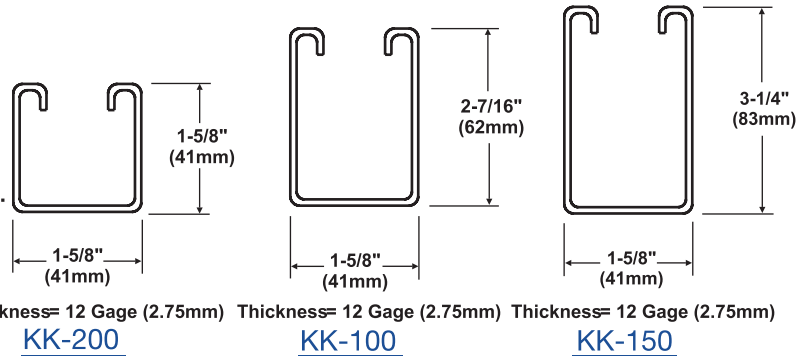


CHANNEL STRAIGHT SECTIONS
STRUT FRAMING SYSTEMS



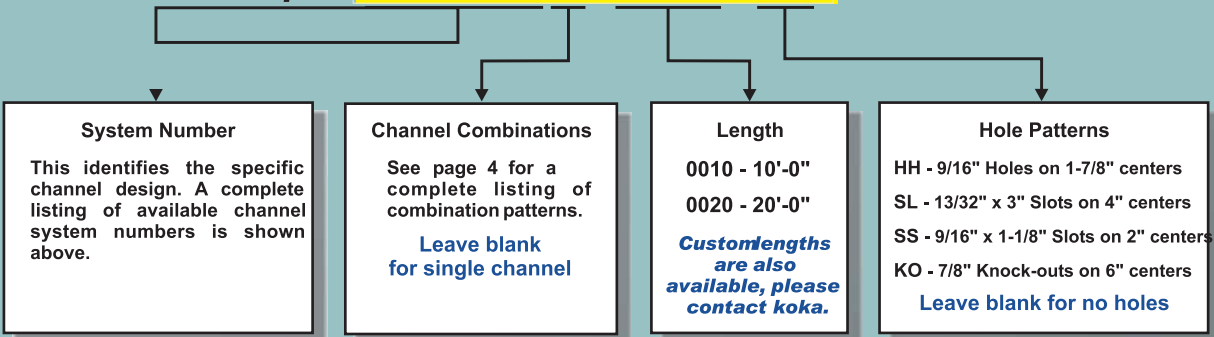
Features:

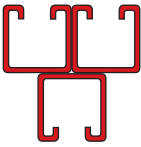
- Standard finish is mill galvanized steel per ASTM A-653.
- Standard lengths are 10' and 20'.
- Hot-dip galvanized steel, aluminum and stainless steel are also available.
- Multi-strut combinations and punched holes are available.



Channel Catalog Numbers:

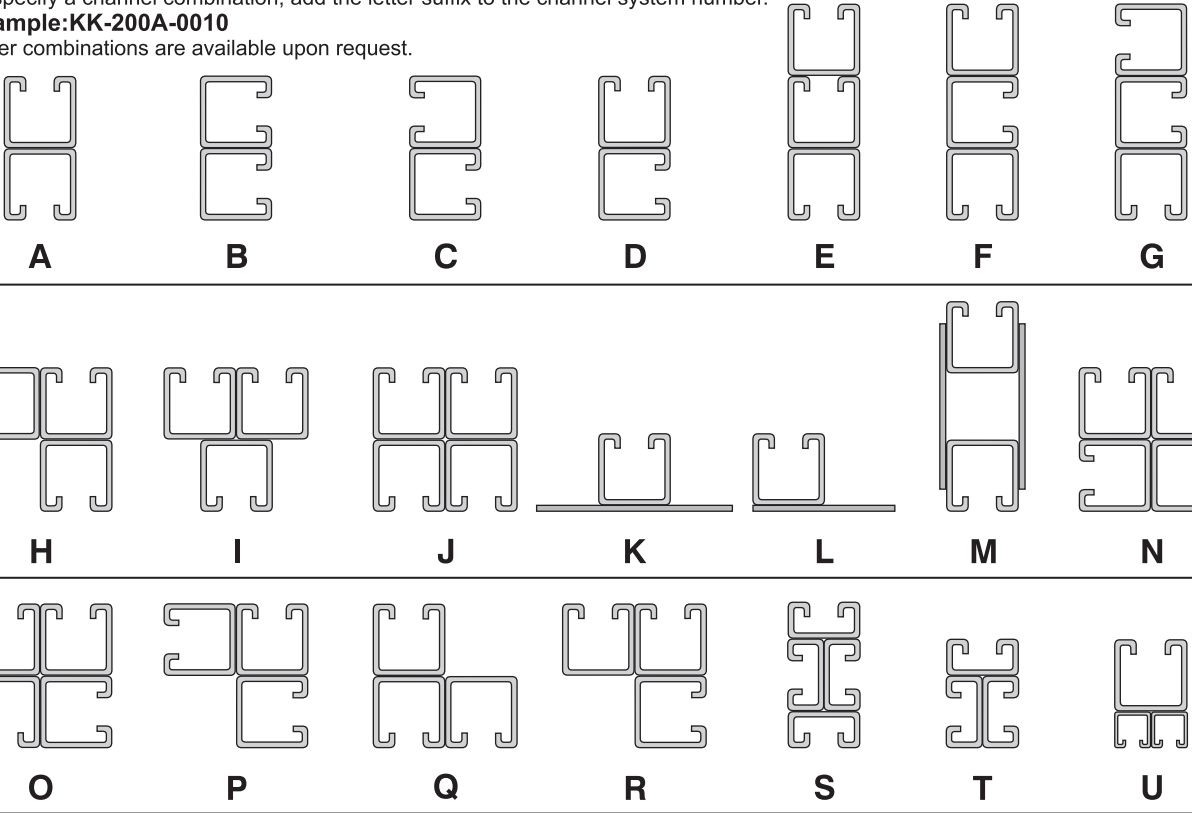
Example: **KK-200A-0010-HH**



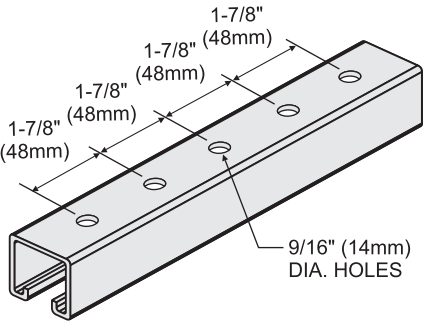


COMBINATIONS AND HOLE PATTERNS
STRUT FRAMING SYSTEMS

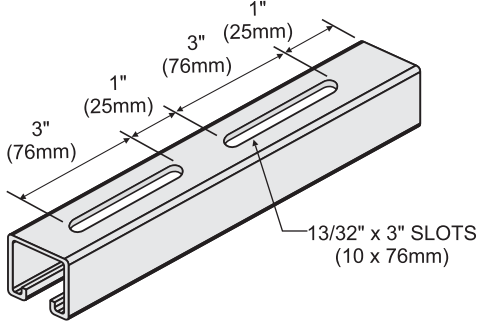
To specify a channel combination, add the letter suffix to the channel system number.
Example:KK-200A-0010
Other combinations are available upon request.



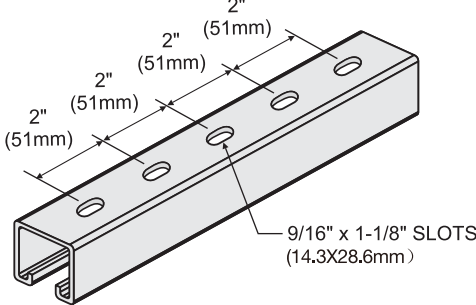
Channel with holes: catalog number suffix **HH**
Example:KK-100-0010-HH



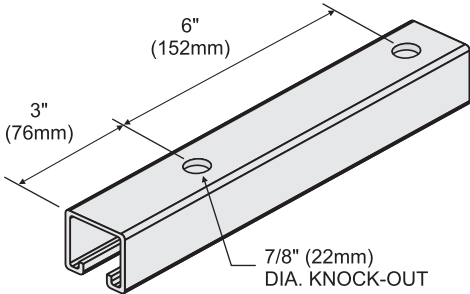
Channel with large slots: catalog number suffix **SL**
Example:KK-200-0010-SL



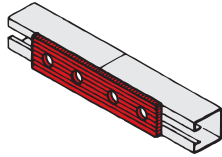
Channel with small slots: catalog number suffix **SS**
Example:KK-300-0010-SS



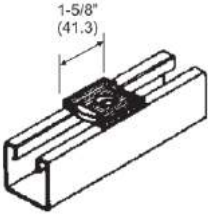
Channel with knock-outs: catalog number suffix **KO**
Example:KK-100-0010-KO



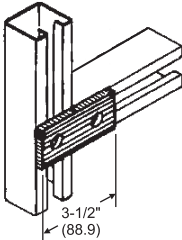
FLAT PLATE FITTINGS
STRUT FRAMING SYSTEMS



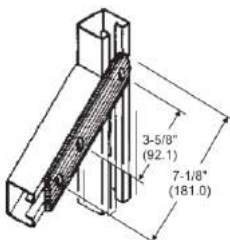
NO-TWIST SQUARE WASHERS						
CATALOG NUMBER	BOLT SIZE		HOLE SIZE		WEIGHT PER 100	
	in	mm	in	mm	lbs	kg
KK-1002	5/16	7.9	11/32	8.7	17	7.7
KK-1003	3/8	9.5	7/16	11.1	16	7.3
KK-1004	1/2	12.7	9/16	14.3	15	6.8
KK-1005	5/8	15.9	11/16	17.5	15	6.8
KK-1006	3/4	19.0	13/16	20.6	14	6.3



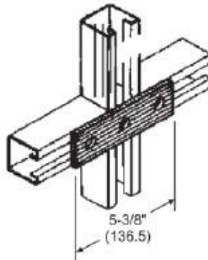
TWO-HOLE SPLICE PLATE	
CATALOG NUMBER	WEIGHT PER 100
KK-1007	38 Lbs (17.2 Kg)



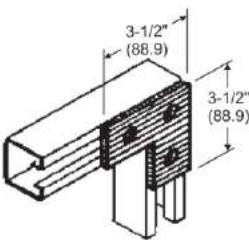
THREE-HOLE SWIVEL PLATE	
CATALOG NUMBER	WEIGHT PER 100
KK-1012	74 Lbs (33.6 Kg)



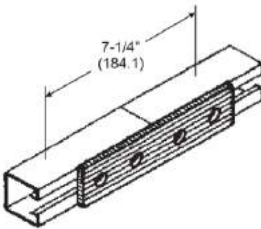
THREE-HOLE SPLICE PLATE	
CATALOG NUMBER	WEIGHT PER 100
KK-1008	59 Lbs (26.8 Kg)



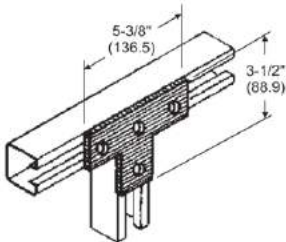
FLAT ANGLE PLATE	
CATALOG NUMBER	WEIGHT PER 100
KK-1021	58 Lbs (26.3 Kg)



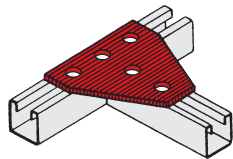
FOUR-HOLE SPLICE PLATE	
CATALOG NUMBER	WEIGHT PER 100
KK-1009	76 Lbs (34.5 Kg)



TEE PLATE	
CATALOG NUMBER	WEIGHT PER 100
KK-1022	80 Lbs (36.3 Kg)

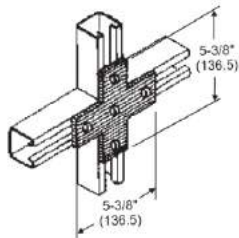


Typical Dimensions: Unless otherwise shown all fittings will be as follows: Width 1-5/8" (41.3); thickness 1/4" (6.3); hole diameter 9/16" (14.3); hole spacing 1-7/8" (47.6) on center and 13/16" (20.6) from end.
Standard Finish: Electro-galvanized steel. HDG.Stainless steel are also available.

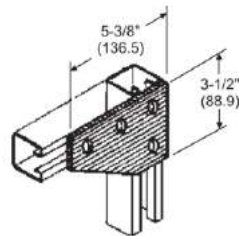


FLAT PLATE AND ANGLE FITTINGS
STRUT FRAMING SYSTEMS

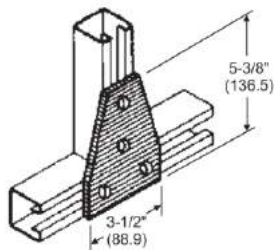
CROSS PLATE	
CATALOG NUMBER	WEIGHT PER 100
KK-1023	100 Lbs (45.4 Kg)



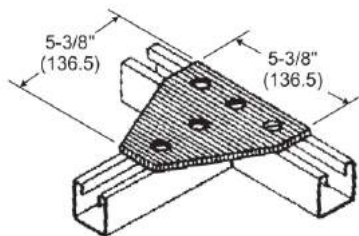
FOUR-HOLE CORNER PLATE	
CATALOG NUMBER	WEIGHT PER 100
KK-1024	105 Lbs (47.6 Kg)



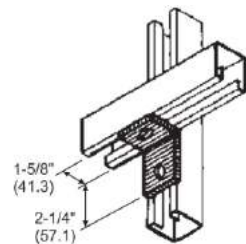
FOUR-HOLE GUSSET PLATE	
CATALOG NUMBER	WEIGHT PER 100
KK-1026	100 Lbs (45.4 Kg)



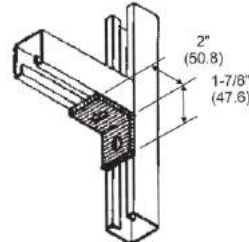
FIVE-HOLE GUSSET PLATE	
CATALOG NUMBER	WEIGHT PER 100
KK-1027	145 Lbs (65.8 Kg)



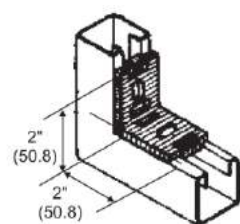
TWO-HOLE RACK CONNECTOR ANGLE	
CATALOG NUMBER	WEIGHT PER 100
KK-1102	36 Lbs (16.3 Kg)



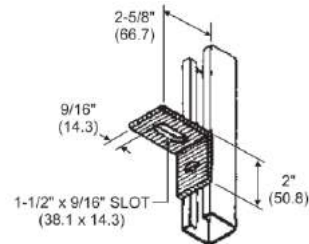
TWO-HOLE END CONNECTOR ANGLE	
CATALOG NUMBER	WEIGHT PER 100
KK-1103	36 Lbs (16.3 Kg)



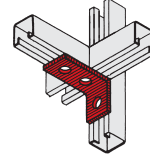
TWO-HOLE "NO-TWIST" CORNER ANGLE	
CATALOG NUMBER	WEIGHT PER 100
KK-1104	40 Lbs (18.1 Kg)



TWO-HOLE ADJUSTMENT ANGLE 2"	
CATALOG NUMBER	WEIGHT PER 100
KK-1105	40 Lbs (18.1 Kg)

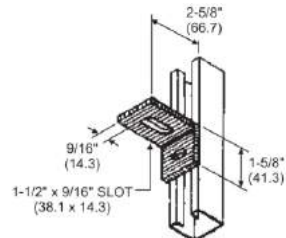


Typical Dimensions: Unless otherwise shown all fittings will be as follows: Width 1-5/8" (41.3); thickness 1/4" (6.3); hole diameter 9/16" (14.3); hole spacing 1-7/8" (47.6) on center and 13/16" (20.6) from end.
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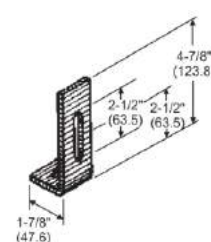


ANGLE FITTINGS
STRUT FRAMING SYSTEMS

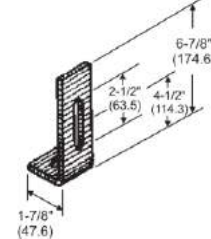
TWO-HOLE ADJUSTMENT ANGLE	
CATALOG NUMBER	WEIGHT PER 100
KK-1106	36 Lbs (16.3 Kg)



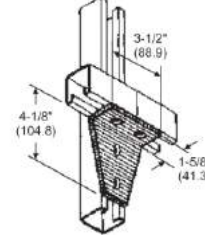
TWO-HOLE ADJUSTMENT ANGLE	
CATALOG. NUMBER	WEIGHT PER 100
KK-1107	65 Lbs (29.5 Kg)



TWO-HOLE ADJUSTMENT ANGLE	
CATALOG NUMBER	WEIGHT PER 100
KK-1108	85 Lbs (38.6 Kg)

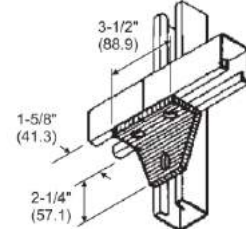


FOUR-HOLE SHELF ANGLE	
CATALOG NUMBER	WEIGHT PER 100
KK-1109	102 Lbs (46.3 Kg)

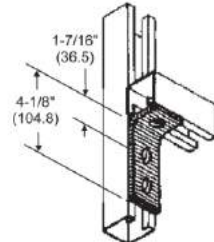


Typical Dimensions: Unless otherwise shown all fittings will be as follows: Width 1-5/8" (41.3); thickness 1/4" (6.3); hole diameter 9/16" (14.3); hole spacing 1-7/8" (47.6) on center and 13/16" (20.6) from end.
Standard Finish: Electro-galvanized steel. HDG.Stainless steel are also available.

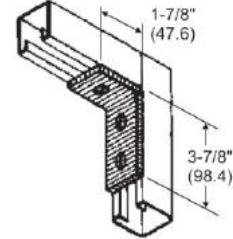
THREE-HOLE SHELF ANGLE	
CATALOG NUMBER	WEIGHT PER 100
KK-1110	67 Lbs (30.4 Kg)



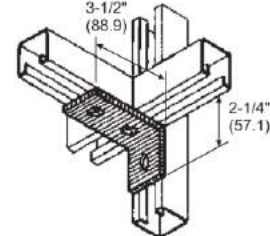
THREE-HOLE RACK CONNECTOR ANGLE	
CATALOG NUMBER	WEIGHT PER 100
KK-1112	58 Lbs (26.3 Kg)

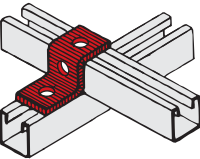


THREE-HOLE END CONNECTOR ANGLE	
CATALOG NUMBER	WEIGHT PER 100
KK-1113	58 Lbs (26.3 Kg)



THREE-HOLE RACK CORNER ANGLE	
CATALOG NUMBER	WEIGHT PER 100
KK-1115	54 Lbs (24.5 Kg)

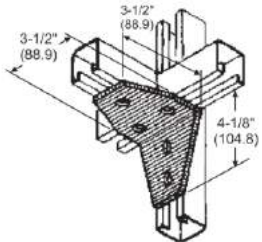




ANGLE & Z-SHAPED FITTINGS
STRUT FRAMING SYSTEMS

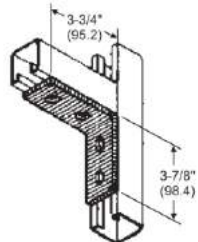
FIVE-HOLE THREE-WAY SHELF ANGLE

CATALOG NUMBER	WEIGHT PER 100
KK-1117	135 Lbs (61.2 Kg)



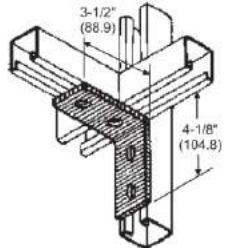
FOUR-HOLE CORNER ANGLE

CATALOG NUMBER	WEIGHT PER 100
KK-1125	76 Lbs (34.5 Kg)



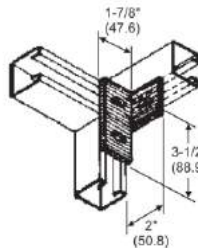
FOUR-HOLE RACK CORNER ANGLE

CATALOG NUMBER	WEIGHT PER 100
KK-1123	74 Lbs (33.6 Kg)



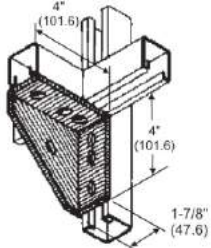
THREE-HOLE BENT ANGLE RIGHT HAND

CATALOG NUMBER	WEIGHT PER 100
KK-1135	65 Lbs (29.5 Kg)



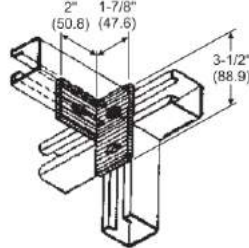
UNIVERSAL SHELF BRACKET

CATALOG NUMBER	WEIGHT PER 100
KK-1124	132 Lbs (59.9 Kg)



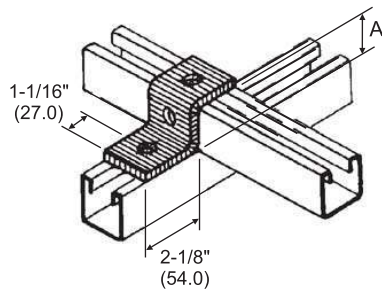
THREE-HOLE BENT ANGLE LEFT HAND

CATALOG NUMBER	WEIGHT PER 100
KK-1136	65 Lbs (29.5 Kg)

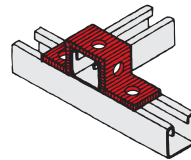


“Z” SUPPORTS

CATALOG NUMBER	CHANNEL	in	A	mm	WEIGHT PER 100	lbs	kg
KK-1209	KK -100A	4-7/8	123.8	93	42.1		
KK-1210	KK -150 KK -200A	3-1/4	82.6	70	31.8		
KK-1211	KK -100	2-7/16	61.9	67	30.4		
KK-1212	KK -200	1-5/8	41.3	55	24.9		
KK-1213	KK -300	1-3/8	34.9	53	24.0		
KK-1215	KK -400 KK -500	13/16	20.6	47	21.3		
KK-1218	KK -800	1	25.4	47	21.3		



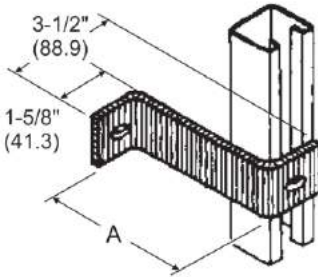
Typical Dimensions: Unless otherwise shown all fittings will be as follows: Width 1-5/8" (41.3); thickness 1/4" (6.3); hole diameter 9/16" (14.3); hole spacing 1-7/8" (47.6) on center and 13/16" (20.6) from end.
Standard Finish: Electro-galvanized steel. HDG,Stainless steel are also available.



U-SHAPED & CLEVIS FITTINGS
STRUT FRAMING SYSTEMS

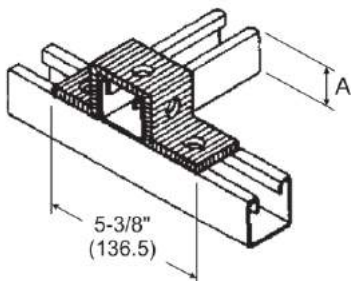
TWO-HOLE “Z” SUPPORTS

CATALOG NUMBER	in	A	mm	WEIGHT PER 100	lbs	kg
KK-1224	4	101.6	77	34.9		
KK-1225	5	127.0	95	43.1		
KK-1226	6	152.4	98	44.4		
KK-1227	7	177.8	105	47.6		
KK-1228	8	203.2	120	54.4		



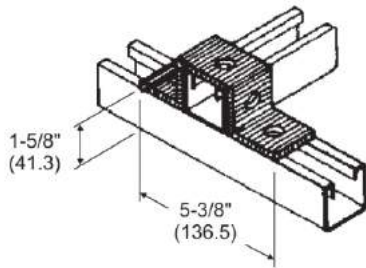
“U” SUPPORTS

CATALOG NUMBER	CHANNEL	in	A	mm	WEIGHT PER 100	lbs	kg
KK-1311	KK -100	2-7/16	61.9	110	49.9		
KK-1313	KK -300	1-3/8	34.9	84	38.1		
KK-1315	KK -400 KK -500	13/16	20.6	71	32.2		
KK-1316	KK-150 KK-200A	3-1/4	82.6	128	58.0		
KK-1318	KK -800	1	25.4	76	34.5		



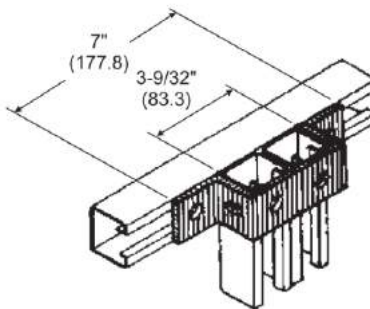
“U” SUPPORT FOR KK-200 CHANNEL

CATALOG NUMBER	WEIGHT PER 100
KK-1312	85 Lbs (38.6 Kg)



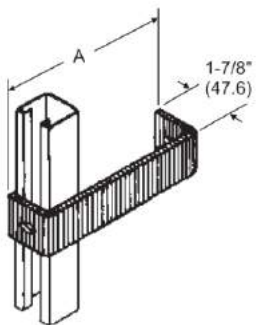
SIX-HOLE “U” SUPPORT

CATALOG NUMBER	WEIGHT PER 100
KK-1317	105 Lbs (47.6 Kg)

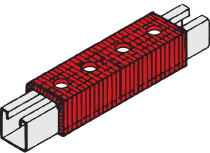


TWO-HOLE CLEVIS

CATALOG NUMBER	in	A	mm	WEIGHT PER 100	lbs	kg
KK-1324	4	101.6	80	36.3		
KK-1325	5	127.0	89	40.4		
KK-1326	6	152.4	101	45.8		
KK-1327	7	177.8	112	50.8		
KK-1328	8	203.2	124	56.2		



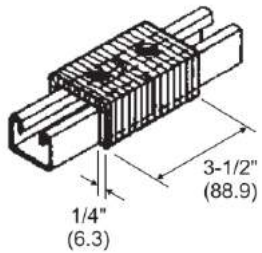
Typical Dimensions: Unless otherwise shown all fittings will be as follows: Width 1-5/8" (41.3); thickness 1/4" (6.3); hole diameter 9/16" (14.3); hole spacing 1-7/8" (47.6) on center and 13/16" (20.6) from end.
Standard Finish: Electro-galvanized steel. HDG,Stainless steel are also available.



CLEVIS & ANGULAR FITTINGS
STRUT FRAMING SYSTEMS

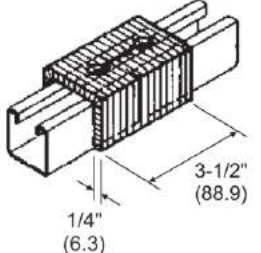
2-HOLE SPLICE CLEVIS FOR KK-500

CATALOG NUMBER	WEIGHT PER 100
KK-1342	84 Lbs (38.1 Kg)



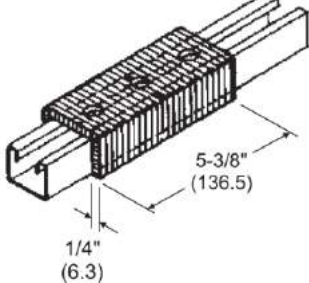
2-HOLE SPLICE CLEVIS FOR KK-200,210

CATALOG NUMBER	WEIGHT PER 100
KK-1344	123 Lbs (55.8 Kg)



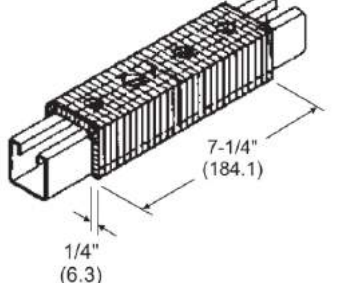
3-HOLE SPLICE CLEVIS FOR KK-500

CATALOG NUMBER	WEIGHT PER 100
KK-1343	126 Lbs (57.1 Kg)



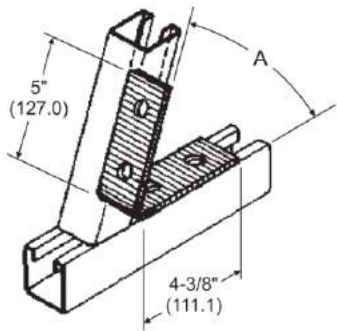
4-HOLE SPLICE CLEVIS FOR KK-200,210

CATALOG NUMBER	WEIGHT PER 100
KK-1345	266 Lbs (120.7 Kg)



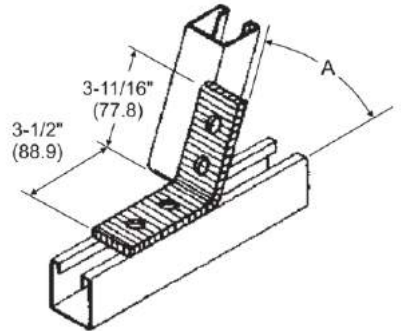
FOUR-HOLE CLOSED ANGLES

CATALOG NUMBER	A	WEIGHT PER 100
KK-1413	60°	101 lbs (45.8 kg)
KK-1415	45°	101 lbs (45.8 kg)

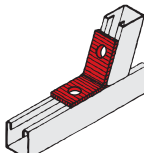


FOUR-HOLE OPEN ANGLES

CATALOG NUMBER	A	WEIGHT PER 100
KK-1443	60°	78 lbs (35.4 kg)
KK-1445	45°	78 lbs (35.4 kg)
KK-1447	30°	78 lbs (35.4 kg)



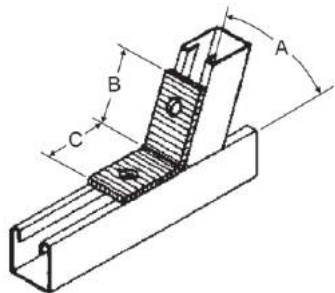
Typical Dimensions: Unless otherwise shown all fittings will be as follows: Width 1-5/8" (41.3); thickness 1/4" (6.3); hole diameter 9/16" (14.3); hole spacing 1-7/8" (47.6) on center and 13/16" (20.6) from end.
Standard Finish: Electro-galvanized steel. HDG,Stainless steel are also available.



ANGULAR & WING FITTINGS
STRUT FRAMING SYSTEMS

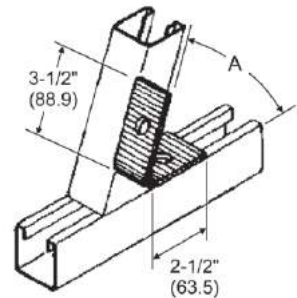
TWO-HOLE OPEN ANGLES

CATALOG NUMBER	A	B	C	WEIGHT PER 100
KK-1423	60°	3-3/8 in (85.7 mm)	1-7/8 in (47.6 mm)	58 lbs (26.3 kg)
KK-1425	45°	3 in (76.2 mm)	2-5/16 in (58.7 mm)	58 lbs (26.3 kg)
KK-1427	45°	3-1/4 in (82.6 mm)	2-1/16 in (52.4 mm)	58 lbs (26.3 kg)



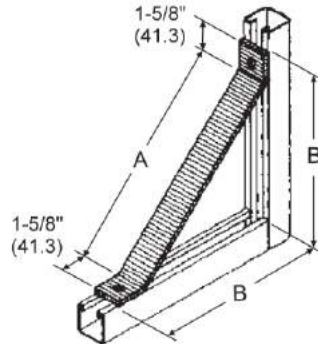
TWO-HOLE CLOSED ANGLES

CATALOG NUMBER	A	WEIGHT PER 100
KK-1463	60°	63 lbs (28.6 kg)
KK-1465	45°	63 lbs (28.6 kg)



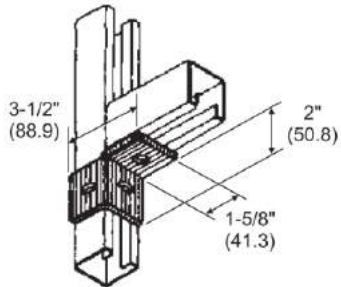
TWO-HOLE 45-DEGREE KNEE BRACES

CATALOG NUMBER	A	B	WEIGHT PER 100
KK-1472	12 in (304.8 mm)	10-1/8 in (257.2 mm)	170 lbs (77.1 kg)
KK-1473	16-5/8 in (415.9 mm)	13-3/8 in (339.7 mm)	230 lbs (104.3 kg)
KK-1474	18 in (457.2 mm)	14-3/8 in (365.1 mm)	238 lbs (108.6 kg)



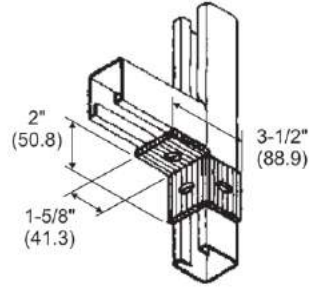
3-HOLE RIGHT HAND CORNER CONNECTOR

CATALOG NUMBER	WEIGHT PER 100
KK-1510	54 Lbs (24.5 Kg)



3-HOLE LEFT HAND CORNER CONNECTOR

CATALOG NUMBER	WEIGHT PER 100
KK-1511	54 Lbs (24.5 Kg)



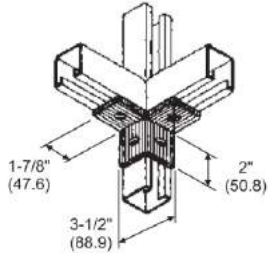
Typical Dimensions: Unless otherwise shown all fittings will be as follows: Width 1-5/8" (41.3); thickness 1/4" (6.3); hole diameter 9/16" (14.3); hole spacing 1-7/8" (47.6) on center and 13/16" (20.6) from end.
Standard Finish: Electro-galvanized steel. HDG,Stainless steel are also available.



WING FITTINGS
STRUT FRAMING SYSTEMS

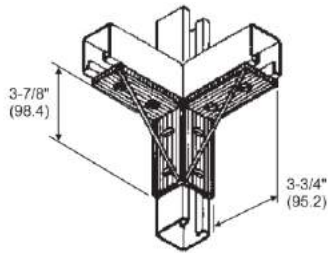
4-HOLE CORNER CONNECTOR

CATALOG NUMBER	WEIGHT PER 100
KK-1512	71 Lbs (32.2 Kg)



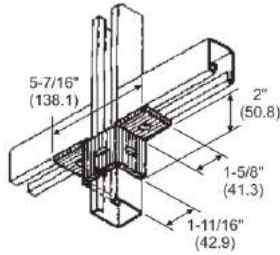
8-HOLE DOUBLE CORNER GUSSETED CONN.

CATALOG NUMBER	WEIGHT PER 100
KK-1516	196 Lbs (88.9 Kg)



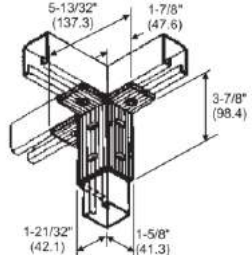
5-HOLE DOUBLE WING CONNECTOR

CATALOG NUMBER	WEIGHT PER 100
KK-1513	95 Lbs (43.1 Kg)



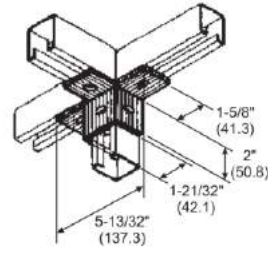
9-HOLE TRIPLE WING CONNECTOR

CATALOG NUMBER	WEIGHT PER 100
KK-1517	177 Lbs (80.3 Kg)



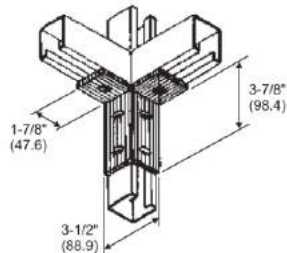
6-HOLE TRIPLE WING CONNECTOR

CATALOG NUMBER	WEIGHT PER 100
KK-1514	110 Lbs (49.9 Kg)



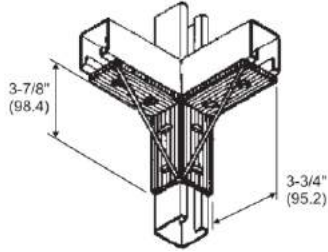
6-HOLE DOUBLE CORNER CONNECTOR

CATALOG NUMBER	WEIGHT PER 100
KK-1518	110 Lbs (49.9 Kg)



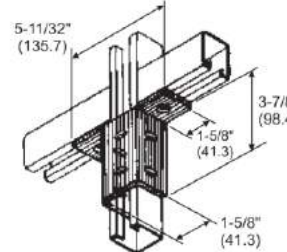
8-HOLE DOUBLE CORNER CONNECTOR

CATALOG NUMBER	WEIGHT PER 100
KK-1515	152 Lbs (68.9 Kg)

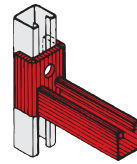


8-HOLE DOUBLE WING CONNECTOR

CATALOG NUMBER	WEIGHT PER 100
KK-1519	156 Lbs (70.8 Kg)



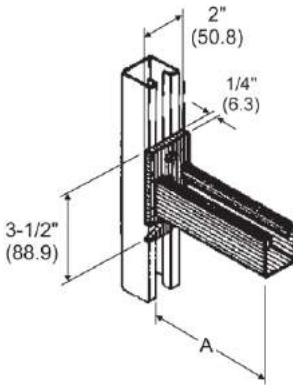
Typical Dimensions: Unless otherwise shown all fittings will be as follows: Width 1-5/8" (41.3); thickness 1/4" (6.3); hole diameter 9/16" (14.3); hole spacing 1-7/8" (47.6) on center and 13/16" (20.6) from end.
Standard Finish: Electro-galvanized steel. HDG,Stainless steel are also available.



BRACKETS
STRUT FRAMING SYSTEMS

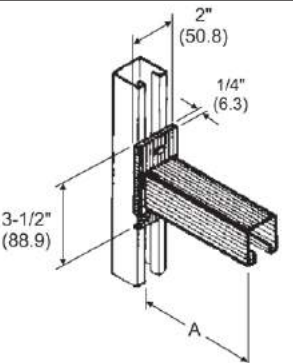
CHANNEL BRACKETS

CATALOG NUMBER	A		WEIGHT PER 100		PW-200	
	in	mm	lbs	kg	lbs	kN
KK-1631	6	152.4	151	68.5	1200	5.38
KK-1632	12	304.8	251	113.8	600	2.69
KK-1633	18	457.2	351	159.2	400	1.79
KK-1634	24	609.6	451	204.6	300	1.34



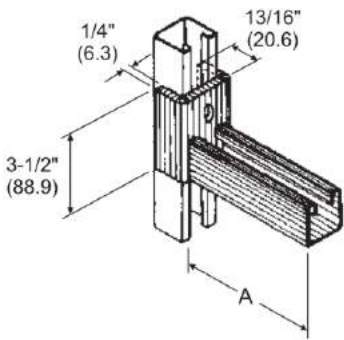
CHANNEL BRACKETS

CATALOG NUMBER	A		WEIGHT PER 100		PW-200	
	in	mm	lbs	kg	lbs	kN
KK-1635	6	152.4	151	68.5	720	3.23
KK-1636	12	304.8	251	113.8	360	1.61
KK-1637	18	457.2	351	159.2	240	1.07
KK-1638	24	609.6	451	204.6	180	0.81



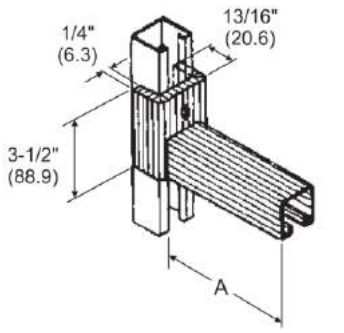
CHANNEL BRACKETS

CATALOG NUMBER	A		WEIGHT PER 100		PW-200	
	in	mm	lbs	kg	lbs	kN
KK-1641	6	152.4	191	86.6	1600	7.17
KK-1642	12	304.8	292	132.4	800	3.58

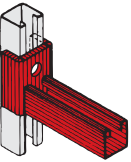


CHANNEL BRACKETS

CATALOG NUMBER	A		WEIGHT PER 100		PW-200	
	in	mm	lbs	kg	lbs	kN
KK-1645	6	152.4	191	86.6	960	4.30
KK-1646	12	304.8	292	132.4	480	2.15



Typical Dimensions: Unless otherwise shown all fittings will be as follows: Width 1-5/8" (41.3); thickness 1/4" (6.3); hole diameter 9/16" (14.3); hole spacing 1-7/8" (47.6) on center and 13/16" (20.6) from end.
Standard Finish: Electro-galvanized steel. HDG,Stainless steel are also available.



CANTILEVER BRACKETS
STRUT FRAMING SYSTEMS

HOW TO ORDER CANTILEVER BRACKETS

Example

CB2 150 H



Select Cantilever Bracket

- CB2 CB2 Cantilever Bracket
- CB4 CB4 Cantilever Bracket
- CB254 CB254 Cantilever Bracket
- TB KK-500 Trapeze Bracket

Select Length (mm)

- 150
- 165
- 300
- 450
- 600
- 750
- 900
- 915
- 1000

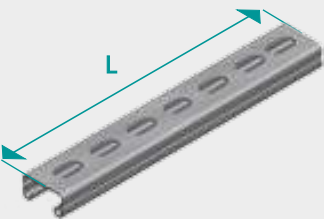
Select Finish

- H Hot Dip Galvanised
- S Stainless Steel
- A Aluminium
- FRP Fibre Reinforced Plastic
- PG Pre-Galvanised

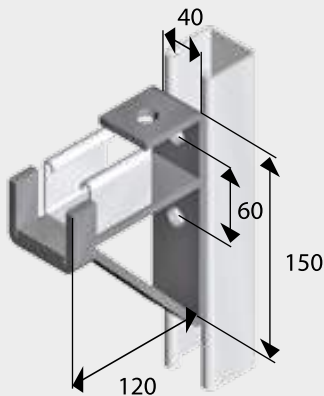
TB KK-500 TRAPEZE BRACKET

Available Lengths/Details

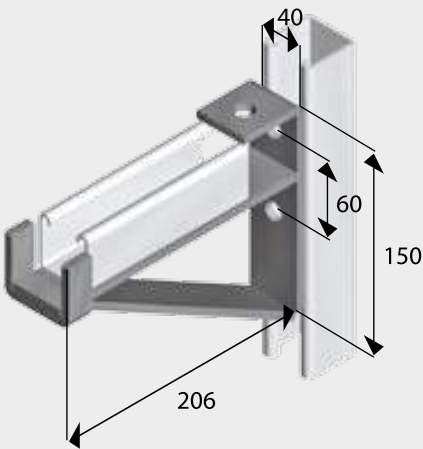
Ordering Code	Suits Tray Width (mm)	Length - L (mm)	Number of Slots	Working Load (kg)
TB150	150	266	7	524
TB225	225	342	9	350
TB300	300	418	11	262
TB450	450	570	15	175
TB600	600	722	19	131



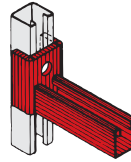
E1075 CANTILEVER BRACKETS



Use Ordering Code:
E1075-4X



Use Ordering Code:
E1075-8X

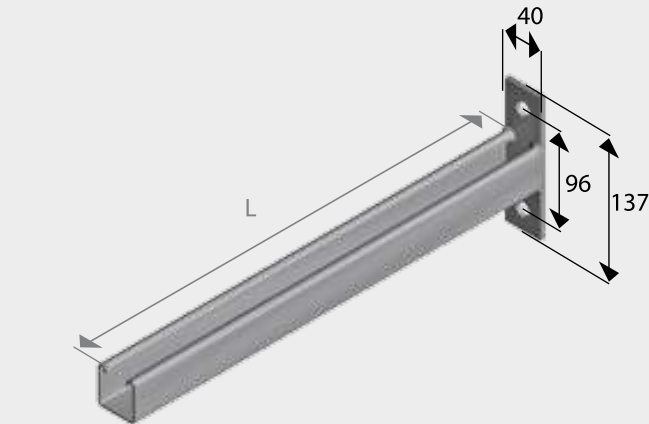


CANTILEVER BRACKETS
STRUT FRAMING SYSTEMS

CB2 CANTILEVER BRACKET

Available Lengths/Details

Ordering Code	Length - L (mm)	Working Load (kg)*
CB2-150	150	526
CB2-300	300	262
CB2-450	450	175
CB2-600	600	131
CB2-750	750	105
CB2-900	900	88

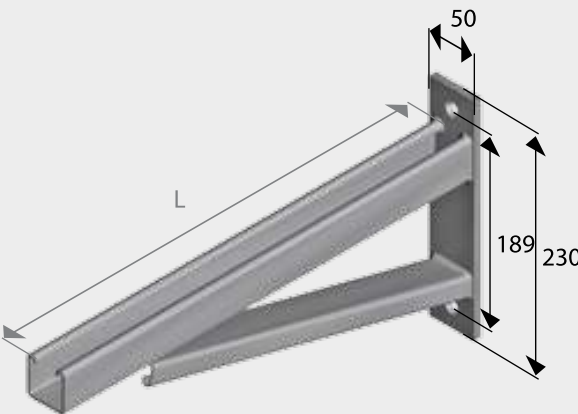


*Working Loads for Steel Cantilever Brackets shown

CB4 CANTILEVER BRACKET

Available Lengths/Details

Ordering Code	Length - L (mm)	Working Load (kg)*
CB4-300	300	1000
CB4-450	450	350
CB4-600	600	345
CB4-750	750	294
CB4-900	900	150

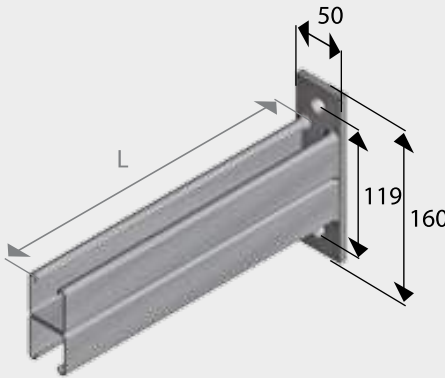


*Working Loads for Steel Cantilever Brackets shown

CB254 CANTILEVER BRACKET

Available Lengths/Details

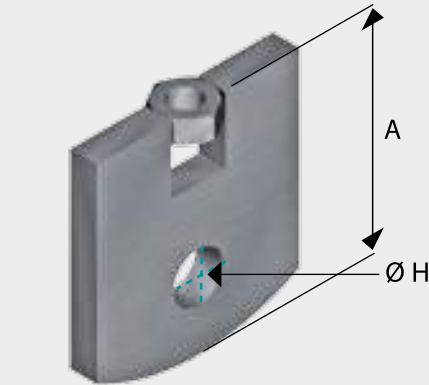
Ordering Code	Length - L (mm)	Working Load (kg)*
CB254-165	165	1349
CB254-300	300	770
CB254-450	450	527
CB254-600	600	400
CB254-750	750	330
CB254-900	900	275
CB254-915	915	270
CB254-1000	1000	195



*Working Loads for Steel Cantilever Brackets shown

SUPPORT FIXINGS
STRUT FRAMING SYSTEMS

E35 EYE NUT



• Safety Factor:3:1

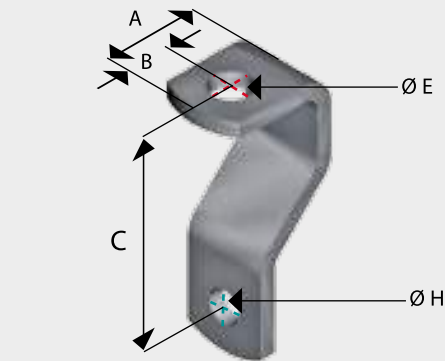
HOW TO ORDER E35 EYE NUTS

Example

E35-12-M10 H

Select Metric Size	Required E35	A	Ø H	W/L (kg)	Select Finish
M10	E35-12-M10	70	14	560	H Hot Dip Galvanised
M12	E35-16-M12	80	18	1540	
M16	E35-20-M16	90	22	1580	S Stainless Steel
M20	E35-24-M20	90	26	1690	
M24	E35-30-M24	120	32	1870	PG Pre-Galvanised
M30	E35-36-M30	140	38	3600	
M36	E35-42-M36	140	45	4070	

ECL CLEVIS



• Safety Factor:3:1

HOW TO ORDER ECL CLEVIS

Example

ECL-10 H

ECL	A	B	C	Ø E	Ø H	Select Finish
ECL-10	35	13	65	12	10	H Hot Dip Galvanised
ECL-12	45	14	81	14	14	
ECL-16	68	17	104	18	18	S Stainless Steel
ECL-20	42	20	129	22	22	PG Pre-Galvanised

SUPPORT FIXINGS
STRUT FRAMING SYSTEMS

ECMP10 (M10)
HANGER
W/L: 327kg
100
M10

ECMP12 (M12)
HANGER
W/L: 480kg
100
M12

EHMP10 (M10)
HANGER
W/L: 540kg
100
M10

EHMP12 (M12)
HANGER
W/L: 610kg
100
M12

EVMP10 (M10)
HANGER
W/L: 410kg
100
M10

EVMP12 (M12)
HANGER
W/L: 590kg
100
M12

ELP 10-ZP (M10)
LINK PLATE
12 38 62
M10

ELP 12-HDG (M12)
LINK PLATE
14 94 120
M12

ESF90
SHORT FIXING 90°
14.5typ
Ø 12typ
36
40

KK1716M8 (M8)
PURLIN CLIP
M8

KK1717 M10 (M10)
PURLIN CLIP
M10

KK1718 M12 (M12)
PURLIN CLIP
M12

KK1719 ANGLE BRACKET
BEAM ATTACHMENT
W/L: 600kg/3:1
60
45
24
Ø 14 hole
Typical Application

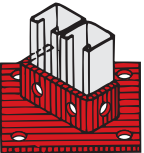
KK1720 M6 (M6)
PURLIN CLEAT
Typical Application
M6

KK1721 M10 (M10)
PURLIN CLEAT
Typical Application
M10

KK1722 M12 (M12)
PURLIN CLEAT
Typical Application
M12

KK1723 (M12)
PURLIN CLIP
M12

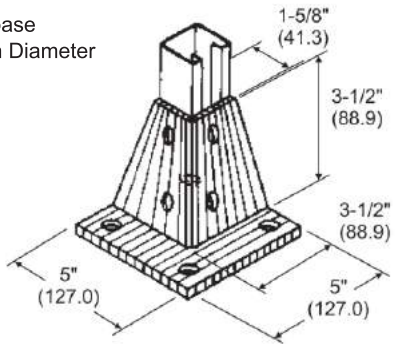
KK1724 'U' BRACKET
BEAM ATTACHMENT
W/L: 1270kg/3:1
25 x 12 slot
38
25.5 30
Ø 14 hole
54
Typical Application
Substrate
Lipped Drop-in Anchor
KK1724
M12 Rod



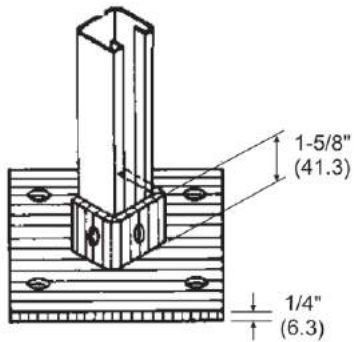
POST BASES
STRUT FRAMING SYSTEMS

EIGHT-HOLE POST BASE	
CATALOG NUMBER	WEIGHT PER 100
KK-1811	288 Lbs (130.6 Kg)

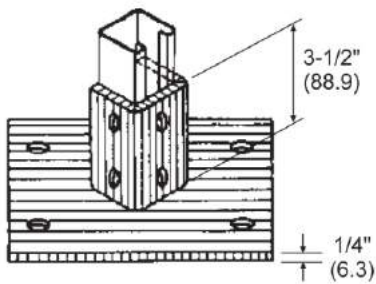
Holes in the base
7/16" (11.1) in Diameter



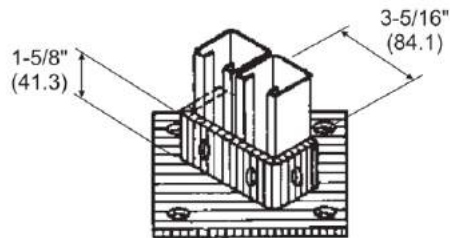
SEVEN-HOLE POST BASE	
CATALOG NUMBER	WEIGHT PER 100
KK-1813	314 Lbs (142.4 Kg)



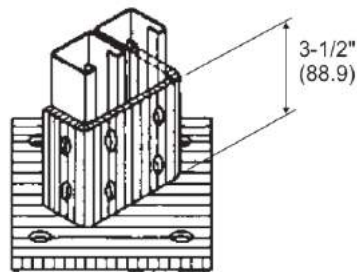
TEN-HOLE POST BASE	
CATALOG NUMBER	WEIGHT PER 100
KK-1814	392 Lbs (177.8 Kg)



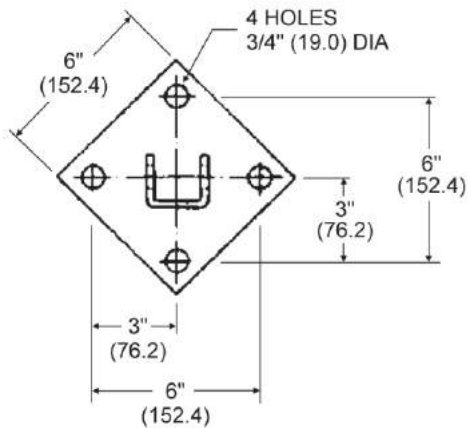
EIGHT-HOLE POST BASE	
CATALOG NUMBER	WEIGHT PER 100
KK-1815	330 Lbs (149.7 Kg)



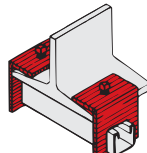
TWELVE-HOLE POST BASE	
CATALOG NUMBER	WEIGHT PER 100
KK-1816	400 Lbs (181.4 Kg)



BASE PLATE	
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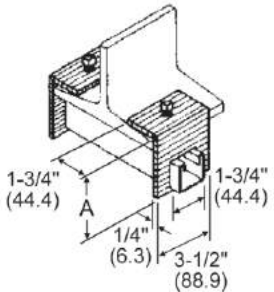
Typical Dimensions: Unless otherwise shown all fittings will be as follows: Width 1-5/8" (41.3); thickness 1/4" (6.3); hole diameter 9/16" (14.3); hole spacing 1-7/8" (47.6) on center and 13/16" (20.6) from end.
Standard Finish: Electro-galvanized steel. HDG.Stainless steel are also available.



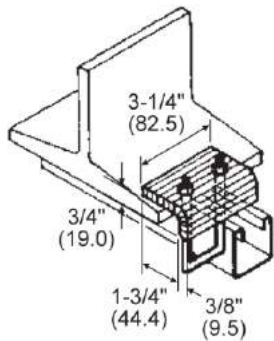
BEAM CLAMPS
STRUT FRAMING SYSTEMS

BEAM CLAMPS								
CATALOG NUMBER	in	A mm	CHANNEL HT. in	mm	WEIGHT PER 100 lbs	kg	REC. LOAD lbs	kN
KK-1702	3-1/2	88.9	1-5/8	41.3	108	49.0	480	2.15
KK-1703	3-1/4	82.5	1-3/8	34.9	100	45.4	480	2.15
KK-1705	2-11/16	68.3	13/16	20.6	98	44.4	480	2.15

1/2" x 1-1/2" (12.7 x 38.1) Set Screw Included

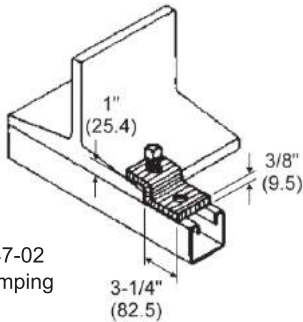


"U" BOLT BEAM CLAMPS					
CATALOG NUMBER	CHANNEL	LENGTH OF "U" BOLT in	mm	WEIGHT PER 100 lbs	kg
KK-1708	KK -200A	5	127.0	91	41.3
KK-1709	KK -200	3-3/8	85.7	82	37.2



OFFSET BEAM CLAMP	
CATALOG NUMBER	WEIGHT PER 100
KK-1712	72 Lbs (32.7 Kg)

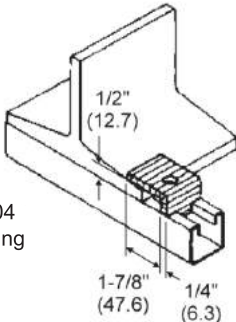
1/2"-13 x 1-1/2"
(12.7 x 38.1)
Set Screw Included



Clamp requires: DS-8547-02
Cap Screw &KK-2-8 Clamping
Nut (Order Separately)

ONE-HOLE BEAM CLAMP	
CATALOG NUMBER	WEIGHT PER 100
KK-1713	30 Lbs (13.6 Kg)

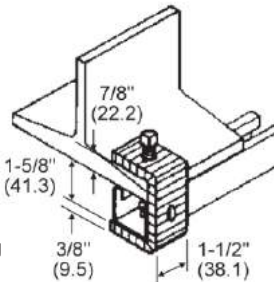
Clamp requires: DS-8547-04
Cap Screw &KK-2-8 Clamping
Nut (Order Separately)



TWO-HOLE BEAM CLAMP	
CATALOG NUMBER	WEIGHT PER 100
KK-1714	106 Lbs (48.0 Kg)

Recommended Load 1000 Lbs (4.48 kN) when used in pairs.

1/2"-13 x 1-1/2"
(12.7 x 38.1)
Set Screw Included

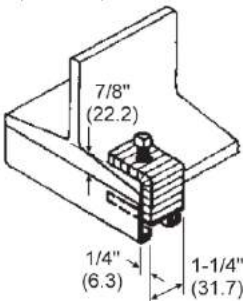


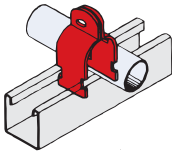
Clamp requires: DS-8547-02
Cap Screw &KK-2-8 Clamping
Nut (Order Separately)

LIGHT DUTY BEAM CLAMP	
CATALOG NUMBER	WEIGHT PER 100
KK-1715	41 Lbs (18.6 Kg)

Recommended Load 450 Lbs (2.02 kN) when used in pairs.

3/8"-16 x 1-1/2"
(9.5 x 38.1)
Set Screw Included

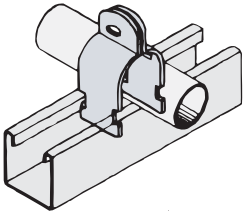




PIPE CLAMPS
STRUT FRAMING SYSTEMS

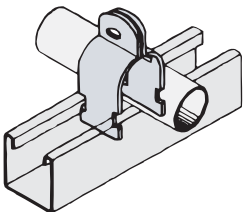
THINWALL CONDUIT (EMT) CLAMPS							
CATALOG NUMBER	OD SIZE		WEIGHT PER 100		THICK	SLOTTED HEX CAP SCREW	
	in	mm	lbs	kg		in	mm
KK-2025	3/8	14.7	9	4.1	1.5	1/4 x 3/4	6.3 x 19.0
KK-2026	1/2	17.9	11	5.0	1.5	1/4 x 3/4	6.3 x 19.0
KK-2028	3/4	23.4	12	5.4	1.5	1/4 x 3/4	6.3 x 19.0
KK-2030	1	29.5	15	6.8	2.0	1/4 x 3/4	6.3 x 19.0
KK-2032	1-1/4	38.4	18	8.2	2.0	1/4 x 3/4	6.3 x 19.0
KK-2034	1-1/2	44.2	29	13.1	2.0	5/16 x 1	7.9 x 25.4
KK-2038	2	55.8	33	15.0	2.5	5/16 x 1	7.9 x 25.4

Includes Slotted Indented Hex Head Cap Screw and Kep Nut.



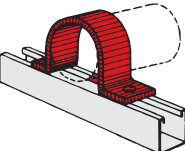
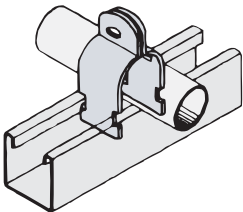
UNIVERSAL CLAMP SERIES							
CATALOG NUMBER	OD SIZE		WEIGHT PER 100		THICK	SLOTTED HEX CAP SCREW	
	in	mm	lbs	kg		in	mm
KK-2055	3/8	16.4	9	4.1	1.5	5/16 x 1-1/4	7.9 x 31.7
KK-2056	1/2	19.5	11	5.0	1.5	5/16 x 1-1/4	7.9 x 31.7
KK-2058	3/4	24.9	12	5.4	1.5	5/16 x 1-1/4	7.9 x 31.7
KK-2060	1	31.4	15	6.8	2.0	5/16 x 1-1/4	7.9 x 31.7
KK-2062	1-1/4	40.2	15	8.2	2.0	5/16 x 1-1/4	7.9 x 31.7
KK-2064	1-1/2	46.2	29	13.1	2.0	5/16 x 1-1/4	7.9 x 31.7
KK-2068	2	58.0	33	15.0	2.5	5/16 x 1-1/4	7.9 x 31.7

Includes Slotted Indented Hex Head Cap Screw and Kep Nut.



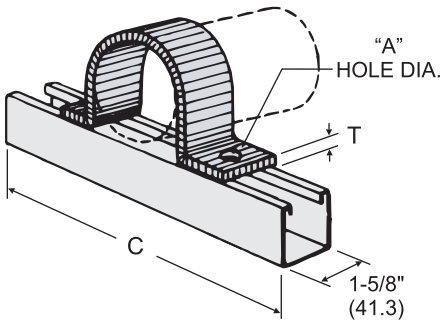
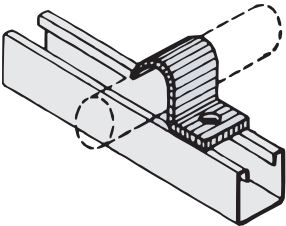
RIGID CONDUIT OR PIPE CLAMPS							
CATALOG NUMBER	OD SIZE		WEIGHT PER 100		THICK	SLOTTED HEX CAP SCREW	
	in	mm	lbs	kg		in	mm
KK-2125	3/8	18.0	10	4.5	1.5	1/4 x 3/4	6.3 x 19.0
KK-2126	1/2	21.3	11	5.0	1.5	1/4 x 3/4	6.3 x 19.0
KK-2128	3/4	26.7	15	6.8	1.5	1/4 x 3/4	6.3 x 19.0
KK-2130	1	33.4	17	7.7	2.0	1/4 x 3/4	6.3 x 19.0
KK-2132	1-1/4	44.2	19	8.6	2.0	1/4 x 3/4	6.3 x 19.0
KK-2134	1-1/2	48.3	29	13.1	2.0	5/16 x 1	7.9 x 25.4
KK-2138	2	60.3	34	15.4	2.5	5/16 x 1	7.9 x 25.4
KK-2142	2-1/2	73.0	40	18.1	2.5	5/16 x 1	7.9 x 25.4
KK-2146	3	88.9	47	21.3	2.5	5/16 x 1	7.9 x 25.4
KK-2150	3-1/2	101.6	62	28.1	3.0	3/8 x 1	9.5 x 25.4
KK-2154	4	114.3	67	30.4	3.0	3/8 x 1-1/4	9.5 x 31.7
KK-2162	5	141.3	80	36.3	3.0	3/8 x 1-1/4	9.5 x 31.7
KK-2170	6	168.3	102	46.3	3.0	3/8 x 1-1/4	9.5 x 31.7
KK-2174	8	216.3	116	52.6	3.5	3/8 x 1-1/4	9.5 x 31.7

Includes Slotted Indented Hex Head Cap Screw and Kep Nut.

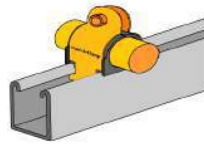


TUBING CLAMPS & PIPE STRAPS
STRUT FRAMING SYSTEMS

ONE-HOLE O.D. TUBING CLAMPS				
CATALOG NUMBER	O.D. TUBE SIZE		WEIGHT PER 100	
	in	mm	lbs	kg
KK-3724	1/4	6.3	4	1.8
KK-3724A	5/16	7.9	5	2.3
KK-3725	3/8	9.5	5	2.3
KK-3726	1/2	12.7	6	2.7
KK-3727	5/8	15.9	8	3.6
KK-3728	3/4	19.0	9	4.1
KK-3729	7/8	22.2	10	4.5
KK-3730	1	25.4	11	5.0



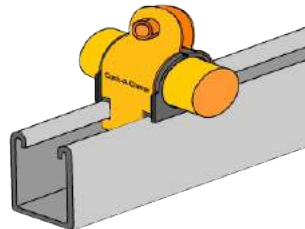
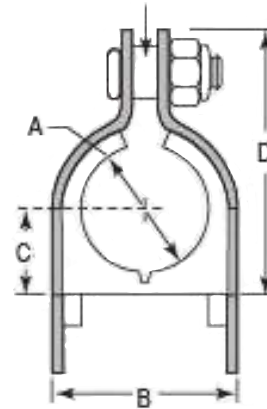
STANDARD PIPE STRAPS										
CATALOG NUMBER	PIPE SIZE		"C" LENGTH		"T" THICKNESS		"A" HOLE SIZE		WEIGHT PER 100	
	in	mm	in	mm	in	mm	in	mm	lbs	kg
KK-3826	1/2	12.7	3	76.2	1/8	3.2	9/32	7.1	24	10.9
KK-3828	3/4	19.0	3-1/4	82.6	1/8	3.2	9/32	7.1	28	12.7
KK-3830	1	25.4	3-9/16	90.5	1/8	3.2	9/32	7.1	32	14.5
KK-3832	1-1/4	31.7	3-13/16	96.8	1/8	3.2	9/32	7.1	35	15.9
KK-3834	1-1/2	38.1	4-1/16	103.2	1/8	3.2	9/32	7.1	40	18.1
KK-3838	2	50.8	5-13/16	147.6	1/4	6.3	7/16	11.1	95	43.1
KK-3842	2-1/2	63.5	6-1/4	158.7	1/4	6.3	7/16	11.1	116	52.6
KK-3846	3	76.2	7	177.8	1/4	6.3	7/16	11.1	135	61.2
KK-3850	3-1/2	88.9	7-7/8	200.0	1/4	6.3	7/16	11.1	155	70.3
KK-3854	4	101.6	8	203.2	1/4	6.3	7/16	11.1	180	81.6
KK-3862	5	127.0	9-1/8	231.8	1/4	6.3	7/16	11.1	195	88.4
KK-3870	6	152.4	10-5/16	261.9	1/4	6.3	7/16	11.1	240	108.9



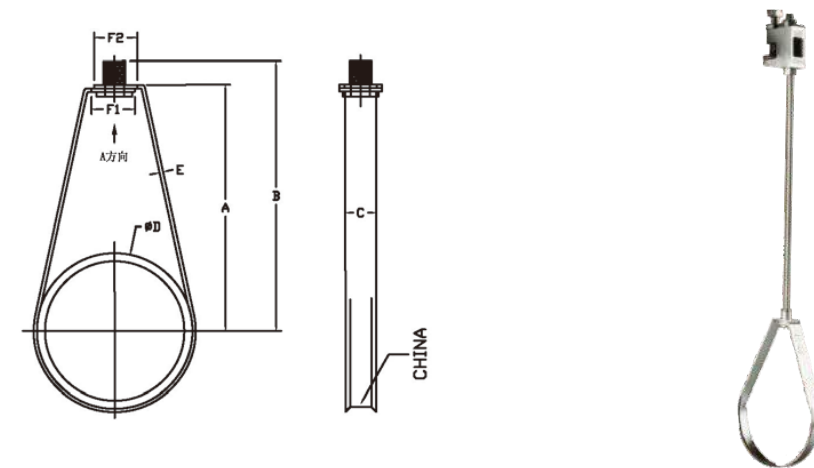
CUSHION CLAMPS STRUT FRAMING SYSTEMS

CUSHION CLAMPS							
Catalog Number	Tubing inch	COPPER WATER PIPE(Nom.)	Nom. Pipe Size	A	B	C	D
KK-04T08	1/4	--	--	0.25	0.62	0.27	0.98
KK-06T10	3/8	1/4	--	0.37	0.82	0.33	1.13
KK-08T12	1/2	3/8	--	0.50	0.94	0.40	1.34
KK-09NP12	--	--	1/4	0.54	0.98	0.43	1.34
KK-010T14	5/8	1/2	--	0.62	1.06	0.46	1.54
KK-011NP14	--	--	3/8	0.67	1.13	0.49	1.54
KK-012T16	3/4	5/8	--	0.75	1.20	0.52	1.68
KK-014NP18	--	--	1/2	0.84	1.29	0.58	1.82
KK-014T18	7/8	3/4	--	0.87	1.31	0.58	1.82
KK-016T20	1	--	--	1.00	1.44	0.65	1.95
KK-017NP22	--	--	3/4	1.05	1.57	0.70	2.08
KK-018T22	1-1/8	1	--	1.12	1.57	0.70	2.08
KK-020T24	1-1/4	--	--	1.25	1.70	0.77	2.21
KK-021NP26	--	--	1	1.31	1.76	0.81	2.34
KK-022T26	1-3/8	1-1/4	--	1.37	1.82	0.83	2.34
KK-024T28	1-1/2	--	--	1.50	1.95	0.90	2.47
KK-026T30	1-5/8	1-1/2	--	1.62	2.07	0.96	2.60
KK-027NP32	--	--	1-1/4	1.66	2.17	0.99	2.73
KK-028T32	1-3/4	--	--	1.75	2.20	1.02	2.73
KK-030T34	1-7/8	--	1-1/2	1.90	2.32	1.09	2.86
KK-032T36	2	--	--	2.00	2.45	1.15	3.04
KK-034T40	2-1/8	2	--	2.12	2.57	1.27	3.23
KK-038T42	2-1/4	--	--	2.37	2.82	1.41	3.67
KK-038T44	2-3/8	--	2	2.37	2.82	1.41	3.67
KK-040T48	2-1/2	--	--	2.50	2.94	1.46	3.79
KK-042T48	2-5/8	2-1/2	--	2.62	3.07	1.53	3.92
KK-046T52	2-7/8	--	2-1/2	2.87	3.32	1.66	4.17
KK-050T54	3	--	--	3.00	3.57	1.78	4.42
KK-050T56	3-1/8	3	--	3.12	3.57	1.78	4.42
KK-053T60	3-5/16	--	--	3.31	3.96	1.90	4.75
KK-056T62	3-1/2	--	3	3.50	3.95	1.97	4.79
KK-058T64	3-5/8	3-1/2	--	3.62	4.20	2.03	5.11
KK-064T72	4	--	3-1/2	4.00	4.45	2.28	5.11
KK-066T74	4-1/8	4	--	4.12	4.57	2.34	5.54
KK-069T76	4-5/16	--	--	4.34	4.96	2.40	5.84
KK-072T80	4-1/2	--	4	4.50	4.95	2.53	5.92
KK-082T90	5-1/8	5	--	5.12	5.57	2.84	6.54
KK-089NP96	--	--	5	5.56	6.01	3.06	6.92
KK-096T106	6	--	--	6.00	6.57	3.34	7.54
KK-098T106	6-1/8	6	--	6.12	6.57	3.34	7.54

NOTE:Tubing size is the outside diameter of the pipe
Nom.pipe size is the inside diameter of the pipe



LOOP HANGER STRUT FRAMING SYSTEMS

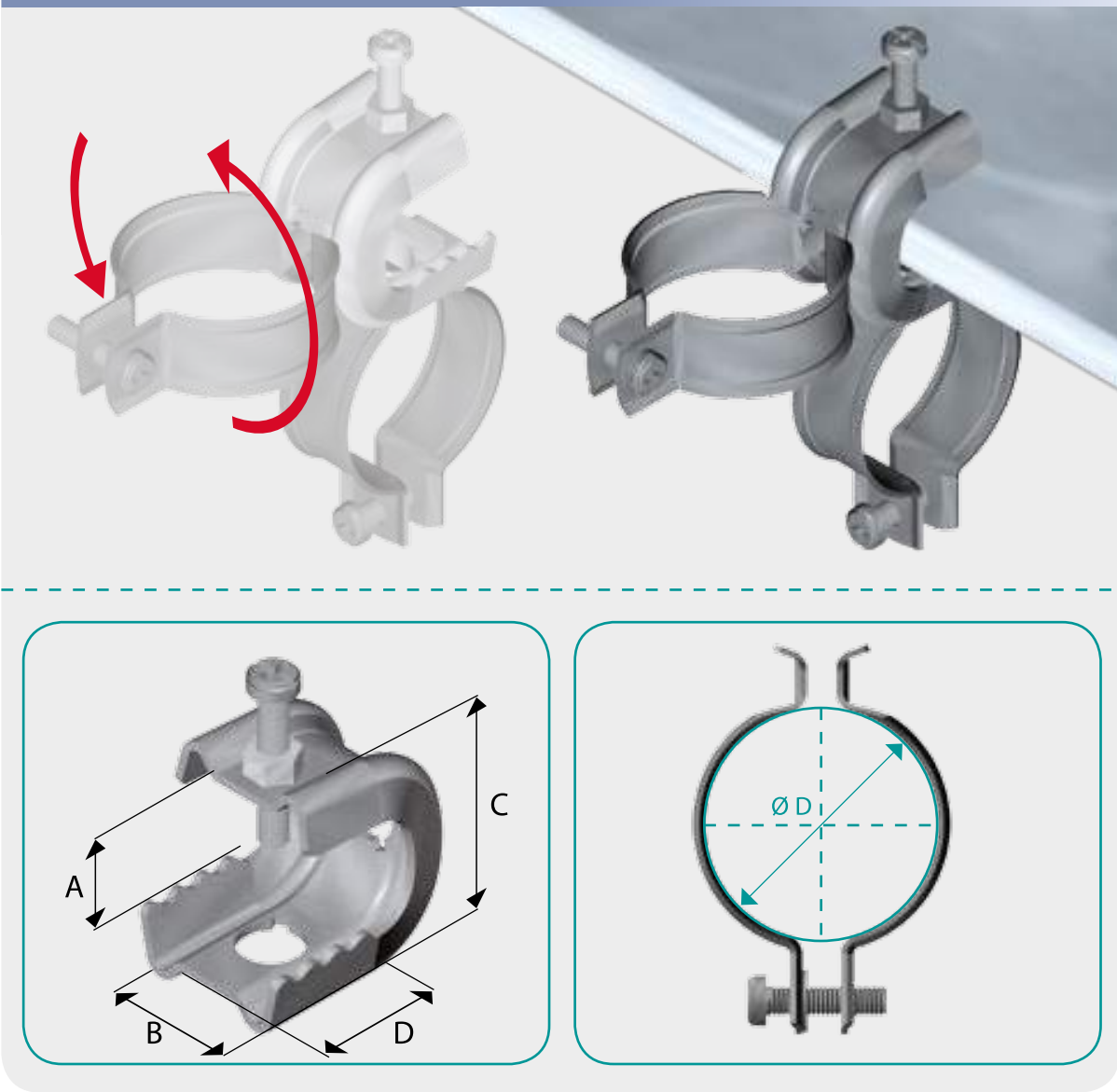


LOOP HANGER						
Catalog Number	Pipe Size (in)	A(mm)	B(mm)	Nut	C*E(mm)	ΦD(mm)
KK-LH015	1/2	41.50	54.50	3/8	16*1.2	21.30
KK-LH020	3/4	45.34	60.50	3/8	16*1.2	27.20
KK-LH025	1	47.73	64.16	3/8	16*1.2	34.00
KK-LH032	1-1/4	54.31	70.74	3/8	16*1.2	42.70
KK-LH040	1-1/2	57.58	74.01	3/8	16*1.2	48.60
KK-LH050	2	66.16	82.59	3/8	16*1.2	60.50
KK-LH065	2-1/2	88.69	104.50	3/8	22*1.5	73.00
KK-LH080	3	96.12	112.50	3/8	22*1.5	89.10
KK-LH090	3-1/2	100.50	120.50	3/8	22*1.5	101.60
KK-LH100	4	110.70	126.90	3/8	22*1.5	114.30
KK-LH125	5	135.70	145.50	1/2	19*2	141.30
KK-LH150	6	154.10	173.20	1/2	19*2	168.30
KK-LH200	8	192.40	211.50	1/2	19*2.5	219.10



CONDUIT BEAM CLAMPS
STRUT FRAMING SYSTEMS

KCBC CONDUIT BEAM CLAMP



CONDUIT BEAM CLAMPS
STRUT FRAMING SYSTEMS

KCBC Available Sizes/Details

Suit **16mm** Thick Beam

Ordering Code	Suit Beam Thickness (mm)	Conduit (Ø D)	A (mm)	B (mm)	C (mm)	D (mm)
KCBC-16-16	16	16	16	34	41	47
KCBC-16-20	16	20	16	34	41	47
KCBC-16-25	16	25	16	34	41	47
KCBC-16-32	16	32	16	34	41	47
KCBC-16-40	16	40	16	34	41	47
KCBC-16-50	16	50	16	34	41	47

Suit **22mm** Thick Beam

KCBC-22-16	22	16	22	35	45	47
KCBC-22-20	22	20	22	35	45	47
KCBC-22-25	22	25	22	35	45	47
KCBC-22-32	22	32	22	35	45	47
KCBC-22-40	22	40	22	35	45	47
KCBC-22-50	22	50	22	35	45	47

Suit **29mm** Thick Beam

KCBC-29-16	29	16	29	39	59	62
KCBC-29-20	29	20	29	39	59	62
KCBC-29-25	29	25	29	39	59	62
KCBC-29-32	29	32	29	39	59	62
KCBC-29-40	29	40	29	39	59	62
KCBC-29-50	29	50	29	39	59	62

Suit **50mm** Thick Beam

KCBC-50-16	50	16	50	39	84	75
KCBC-50-20	50	20	50	39	84	75
KCBC-50-25	50	25	50	39	84	75
KCBC-50-32	50	32	50	39	84	75
KCBC-50-40	50	40	50	39	84	75
KCBC-50-50	50	50	50	39	84	75

HOW TO ORDER KCBC CONDUIT BEAM CLAMPS

Example

KCBC-16-32 H



Select KCBC

Specify Beam Thickness (mm)

Select Ø D (mm)

Select Finish

16
22
29
50

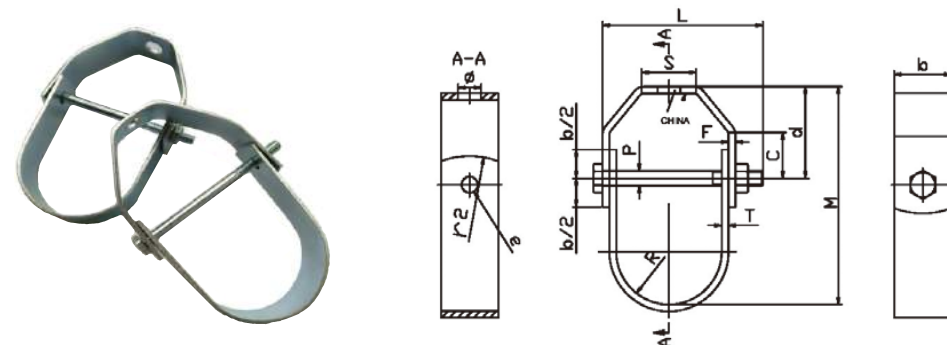
16
20
25
32
40
50

H Hot Dip Galvanised
S Stainless Steel*
EG Electro Galvanised

*KCBC 22, 29 and 50mm only



CLEVIS HANGER STRUT FRAMING SYSTEMS



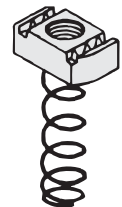
CLEVIS HANGER							
Catalog Number	Pipe Size	M(mm)	Φ	d(mm)	C(mm)	S(mm)	T*b(mm)
KK-CH020	3/4	82.5	11	46	20	24	2.5*22.5
KK-CH025	1	99	11	56.5	20	24	2.5*22.5
KK-CH032	1-1/4	106	11	54	23	24	2.5*22.5
KK-CH040	1-1/2	107	11	40	23	24	2.5*22.5
KK-CH050	2	126	11	56	21	25	2.5*22.5
KK-CH065	2-1/2	156	14	69	15	32	3*26
KK-CH080	3	169	14	53	15	32	3*26
KK-CH090	3-1/2	165	14	51	20	34	4*30
KK-CH100	4	200	17	72.5	20	45	4*30
KK-CH125	5	231	17	76	24	50	4.5*32
KK-CH150	6	260	20	77	21	50	4.5*36.5
KK-CH200	8	329	20	90	28	57	4.5*42.5
KK-CH250	10	381	23.7	84	30	54	6*44.5
KK-CH300	12	457	23.7	104.5	48	57	6*50
KK-CH350	14	514	27	123	38	94	6*50
KK-CH400	16	560	27	119	50	90	6*64
KK-CH450	18	638	32	135	50	105	6.5*64
KK-CH500	20	695	33.2	135	58	180	8*76
KK-CH600	24	803	33.2	155	58	215	8*76

CHANNEL NUTS STRUT FRAMING SYSTEMS



CLAMPING NUT WITH LONG SPRING							
CATALOG NUMBER	SIZE		THREAD	THICKNESS		WEIGHT PER 100	
	in	mm		in	mm	lbs	kg
KK-1-4	1/4	M6	20	1/4	6.3	7.5	3.4
KK-1-6	5/16	M8	18	3/8	9.5	9.7	4.4
KK-1-8	3/8	M10	16	3/8	9.5	10.0	4.5
KK-1-10	1/2	M12	13	1/2	12.7	12.0	5.4
KK-1-12	5/8	M16	11	7/16	11.1	16.0	7.3

For KK-100 and KK-150 Channels, Spring Length : 60mm



CLAMPING NUT WITH REGULAR SPRING							
CATALOG NUMBER	SIZE		THREAD	THICKNESS		WEIGHT PER 100	
	in	mm		in	mm	lbs	kg
KK-2-0832	#8	N/A	32	1/4	6.3	7.5	3.4
KK-2-1032	#10	N/A	32	1/4	6.3	7.5	3.4
KK-2-1024	#10	N/A	24	1/4	6.3	7.5	3.4
KK-2-4	1/4	M6	20	1/4	6.3	7.5	3.4
KK-2-5	5/16	M8	18	3/8	9.5	9.7	4.4
KK-2-6	3/8	M10	16	3/8	9.5	10.0	4.5
KK-2-8	1/2	M12	13	1/2	12.7	11.5	5.2
KK-2-10	5/8	M16	11	7/16	11.1	15.0	5.0
KK-2-12	3/4	M20	10	7/16	11.1	15.0	5.0

For KK-200, KK-210, and KK-300 Channels, Spring Length : 40mm



CLAMPING NUT WITH SHORT SPRING							
CATALOG NUMBER	SIZE		THREAD	THICKNESS		WEIGHT PER 100	
	in	mm		in	mm	lbs	kg
KK-5-0832	#8	N/A	32	1/4	6.3	7.5	3.4
KK-5-1032	#10	N/A	32	1/4	6.3	7.5	3.4
KK-5-1024	#10	N/A	24	1/4	6.3	7.5	3.4
KK-5-4	1/4	M6	20	1/4	6.3	7.5	3.4
KK-5-5	5/16	M8	18	3/8	9.5	8.7	3.9
KK-5-6	3/8	M10	16	3/8	9.5	9.0	4.1
KK-5-8	1/2	M12	13	3/8	9.5	8.2	3.7

For KK-400, KK-500, KK-800, and KK-900 Channels, Spring Length : 20mm



CLAMPING NUT WITHOUT SPRING							
CATALOG NUMBER	SIZE		THREAD	THICKNESS		WEIGHT PER 100	
	in	mm		in	mm	lbs	kg
KK-3-0832	#8	N/A	32	1/4	6.3	6.5	2.9
KK-3-1032	#10	N/A	32	1/4	6.3	6.5	2.9
KK-3-1024	#10	N/A	24	1/4	6.3	6.5	2.9
KK-3-4	1/4	M6	20	1/4	6.3	6.5	2.9
KK-3-5	5/16	M8	18	3/8	9.5	8.7	3.9
KK-3-6	3/8	M10	16	3/8	9.5	9.0	4.1
KK-3-8	1/2	M12	13	1/2	12.7	10.6	4.8
KK-3-10	5/8	M16	11	7/16	11.1	14.0	6.3
KK-3-12	3/4	M20	10	7/16	11.1	14.0	6.3
KK-4-8*	1/2	12.7	13	3/8	9.5	8.5	3.9

For KK-100, KK-150, KK-200, KK-210, KK-300, KK-800, and KK-900 Channels



*Use with KK-400 and KK-500



FASTENERS & THREADED RODS
STRUT FRAMING SYSTEMS

SBH&CNH

Wt: 0.03kg

ORDERING DETAILS

Both items are ordered separately.

KOKA Splice Bolts have a smooth head to eliminate the risk of sheathing the cable during installation.

Purpose made Counterbore Nuts ensure that full tension is achieved during installation.

1/4(M6)、5/16(M8)、3/8(M10)、1/2(M12)Are also available.

THREADED ROD

Sold in 3m lengths

Thread Size	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	TR6Z	–	TR6S
M8	TR8Z	–	TR8S
M10	TR10Z	TR10H	TR10S
M12	TR12Z	TR12H	TR12S
M16	TR16Z	–	TR16S

THREADED ROD CUTTER

KTRCM10	M10 Threaded Rod Cutter
M10RB	M6, M8, M10 Replacement Blades
KTRCM12	M12 Threaded Rod Cutter
M12RB	M10, M12 Replacement Blades

SBH&CNH

Wt: 0.03kg

ORDERING DETAILS

Both items are ordered separately.

KOKA Splice Bolts have a smooth head to eliminate the risk of sheathing the cable during installation.

AVAILABLE FINISH

Hot Dip Galvanised

Stainless Steel

Electro Galvanised

ORDERING CODE

SBH/SNH

SBS/SNS

SBE/SNE

ROD COUPLER

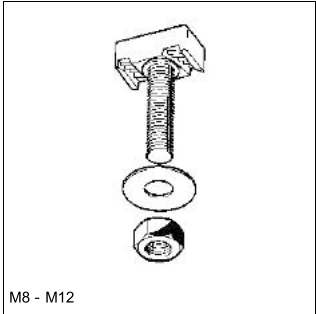
Thread Size	Zinc Plated	Hot Dip Galvanised	Stainless Steel
M6	RC6Z	–	RC6S
M8	RC8Z	–	RC8S
M10	RC10Z	RC10H	RC10S
M12	RC12Z	RC12H	RC12S
M16	RC16Z	–	RC16S

LIPPED DROP IN ANCHORS

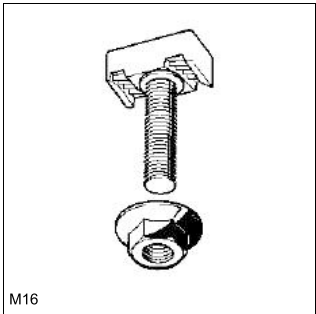
Thread Size	Zinc Plated	Size (mm)
M8	LPDM10	30
M10	LPDM20	50



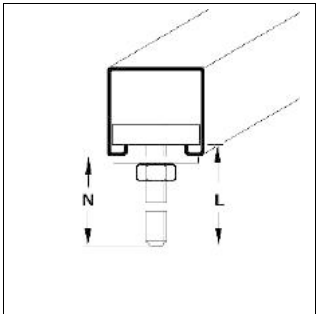
TBO-ASSEMBLY SYSTEM
STRUT FRAMING SYSTEMS



M8 - M12



M16



T-HEAD BOLT TBO KK 41
Group: 1311

Application
Suitable for Channels.

Scope of delivery
With washer and nut (supplied loose).

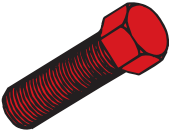
Technical Data

Type	Tightening moment M _{max} [Nm]	Permissible load (tension) [kN]	Permissible axial load in combination with serrated channels ¹⁾ [kN]	Permissible bending moment ²⁾ [Nm]
KK 41 M8	10.0	5.8	1.5	5.0
KK 41 M10	18.0	9.3	2.5	10.0
KK 41 M12	32.0	10.0	3.0	17.5
KK 41 M16	79.0	10.0	3.0	44.5

- ¹⁾ The values indicated refer to the point of application of force being near the top edge of the channel. In cases where tension and lateral tension are encountered, the resultant total load may not be greater than the values given.
- ²⁾ The effective bending moment may not exceed the permissible maximum torsional moment of the channel.

Material:
Head: Steel class 5.6, cold-forged, electro-galvanised
Bolt: Steel class 4.6, electro-galvanised

Type	Length L [mm]	Available length of thread [mm]	W [kg]	Quantity [pack]	Part number
KK 41 M 8 x 15	20	15	0.08	50	151953
KK 41 M 8 x 20	25	20	0.08	50	151962
KK 41 M 8 x 25	30	25	0.08	50	151971
KK 41 M 8 x 35	40	35	0.08	50	151980
KK 41 M 8 x 55	60	55	0.08	50	151999
KK 41 M 8 x 75	80	75	0.09	50	152006
KK 41 M 8 x 95	100	95	0.10	50	152015
KK 41 M 10 x 15	20	15	0.09	50	152024
KK 41 M 10 x 20	25	20	0.09	50	152033
KK 41 M 10 x 25	30	25	0.09	50	152042
KK 41 M 10 x 35	40	35	0.09	50	152051
KK 41 M 10 x 55	60	55	0.10	50	152060
KK 41 M 10 x 75	80	75	0.11	50	152079
KK 41 M 10 x 95	100	95	0.12	50	152088
KK 41 M 12 x 20	25	20	0.12	50	152167
KK 41 M 12 x 25	30	25	0.13	50	152176
KK 41 M 12 x 35	40	35	0.14	50	152185
KK 41 M 12 x 55	60	55	0.15	50	152194
KK 41 M 12 x 75	80	75	0.16	50	152200
KK 41 M 12 x 95	100	95	0.18	50	152219
KK 41 M 16 x 25	30	25	0.15	50	152228
KK 41 M 16 x 35	40	35	0.17	50	152237
KK 41 M 16 x 55	60	55	0.19	50	152246
KK 41 M 16 x 75	80	75	0.22	50	152255
KK 41 M 16 x 95	100	95	0.24	50	152264



SCREWS
STRUT FRAMING SYSTEMS

HEX HEAD CAP SCREWS						
CATALOG NUMBER	DIAMETER		LENGTH		WEIGHT PER 100	
	in	mm	in	mm	lbs	kg
DS-8003-03	1/4	6.3	1/2	12.7	1.0	0.4
DS-8003-01	1/4	6.3	3/4	9.5	1.3	0.6
DS-8003-02	1/4	6.3	1	25.4	1.7	0.8
DS-8933-01	3/8	9.5	3/4	19.0	4.0	1.8
DS-8933-02	3/8	9.5	1	25.4	4.5	2.0
DS-8933-03	3/8	9.5	1-1/4	31.7	5.3	2.4
DS-8933-04	3/8	9.5	1-1/2	38.1	6.1	2.8
DS-8933-05	3/8	9.5	2	50.8	7.6	3.4
DS-8933-06	3/8	9.5	2-1/4	57.1	8.5	3.9
DS-8547-01	1/2	12.7	1	25.4	9.3	4.2
DS-8547-02	1/2	12.7	15/16	23.8	9.1	4.1
DS-8547-03	1/2	12.7	1-1/4	31.7	10.0	4.5
DS-8547-04	1/2	12.7	1-1/2	38.1	11.6	5.3
DS-8547-05	1/2	12.7	1-3/4	44.4	13.2	6.0
DS-8547-06	1/2	12.7	2	50.8	14.7	6.7
DS-8547-07	1/2	12.7	2-1/4	57.1	16.0	7.3
DS-8547-08	1/2	12.7	2-1/2	63.5	17.5	7.9



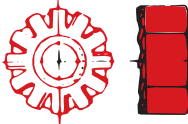
FLAT HEAD MACHINE SCREWS						
CATALOG NUMBER	DIAMETER		LENGTH		WEIGHT PER 100	
	in	mm	in	mm	lbs	kg
DS-8680-01	1/4	6.3	5/8	15.9	1.2	0.5
DS-8681-01	3/8	9.5	2	50.8	6.5	2.9
DS-8681-02	3/8	9.5	2-1/4	57.1	7.1	3.2
DS-8681-03	3/8	9.5	2-1/2	63.5	7.7	3.5



ROUND HEAD MACHINE SCREWS						
CATALOG NUMBER	DIAMETER		LENGTH		WEIGHT PER 100	
	in	mm	in	mm	lbs	kg
DS-8540-02	1/4	6.3	3/4	19.0	1.2	0.5
DS-8540-03	1/4	6.3	1	25.4	1.5	0.7
DS-8540-06	1/4	6.3	1-1/4	31.7	1.8	0.8
DS-8545-02	5/16	7.9	1	25.4	2.6	1.2
DS-8545-04	5/16	7.9	1-1/4	31.7	3.0	1.4
DS-8545-03	5/16	7.9	1-1/2	38.1	3.6	1.6
DS-8535-03	3/8	9.5	1	25.4	4.1	1.9
DS-8535-05	3/8	9.5	1-1/4	31.7	4.7	2.1
DS-8535-07	3/8	9.5	1-1/2	38.1	5.3	2.4
DS-8535-06	3/8	9.5	2-1/2	63.5	7.7	3.5



NUTS & WASHERS
STRUT FRAMING SYSTEMS



SPLIT LOCK WASHERS				
CATALOG NUMBER	SIZE		WEIGHT PER 100	
	in	mm	lbs	kg
DS-8615-01	1/4	6.3	0.3	0.1
DS-8617-01	3/8	9.5	0.7	0.3
DS-8616-01	1/2	12.7	1.5	0.7
DS-8647-01	5/8	15.9	2.6	1.2



FLAT WASHERS				
CATALOG NUMBER	SIZE		WEIGHT PER 100	
	in	mm	lbs	kg
DS-8598-01	1/4	6.3	0.7	0.3
DS-8596-01	3/8	9.5	1.5	0.7
DS-8595-01	1/2	12.7	3.5	1.6
DS-8594-01	5/8	15.9	7.7	3.5



FENDER WASHERS				
CATALOG NUMBER	SIZE		WEIGHT PER 100	
	in	mm	lbs	kg
DS-8888-01	1/4 x 1-1/4	6.3 x 31.7	2.0	0.9
DS-8889-01	3/4 x 1-1/2	19.0 x 38.1	3.0	1.4



HEX NUTS				
CATALOG NUMBER	SIZE		WEIGHT PER 100	
	in	mm	lbs	kg
DS-8585-01	1/4	6.3	0.6	0.3
DS-8580-01	5/16	7.9	1.2	0.5
DS-8575-01	3/8	9.5	1.6	0.7
DS-8570-01	1/2	12.7	4.8	2.2
DS-8532-01	5/8	15.9	7.3	3.3



K-LOCK NUTS				
CATALOG NUMBER	SIZE		WEIGHT PER 100	
	in	mm	lbs	kg
KK-3490	1/4	6.3	0.9	0.4
KK-3491	5/16	7.9	1.6	0.7
KK-3492	3/8	9.5	2.7	1.2



STEEL CHANNEL ENGINEERING DATA
STRUT FRAMING SYSTEMS

STEEL CHANNEL ENGINEERING DATA
STRUT FRAMING SYSTEMS

STRUT FRAMING SYSTEMS

STRUT FRAMING SYSTEMS

PROPERTIES OF SECTIONS:

- I = Moment of Inertia
- S = Section Modulus
- r = Radius of Gyration
- Wt. = Weight
- Area = Cross Sectional Area

STANDARD LENGTHS:

10 ft (3.05 m) & 20 ft (6.09 m)

STANDARD FINISH:

Mill-galvanized per ASTM A-653.

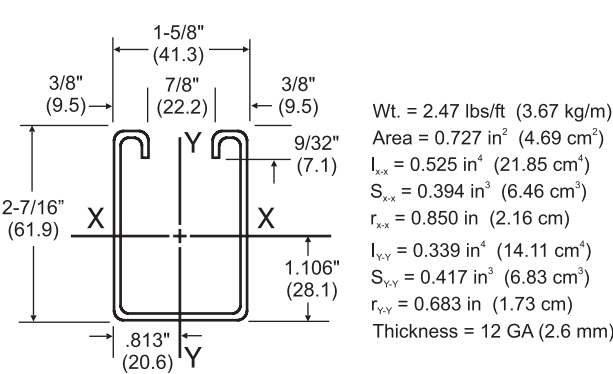
BEAM AND COLUMN DATA:

Uniform Load: Load shown is total load uniformly distributed over a simple span. Stress level is 25,000 psi (172MPa) and is recommended for use where deflection is not critical.

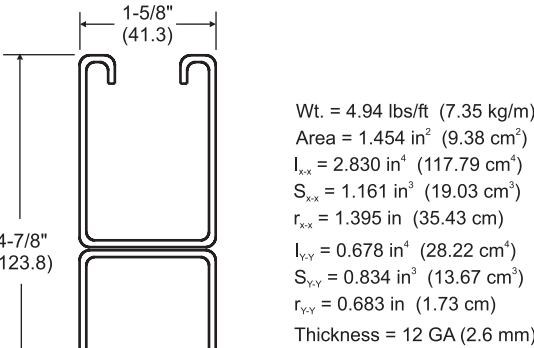
Uniform Load at Deflection = 1/240 Span: Load shown is total load uniformly distributed over a simple span. This load is recommended for use where deflection is required to be unnoticeable.

Maximum Column Loading: Load shown is total allowable axial load. For eccentric loads, reduce values shown accordingly.

For allowable concentrated load at center of span, multiply load shown by 0.5 and deflection shown by 0.8.

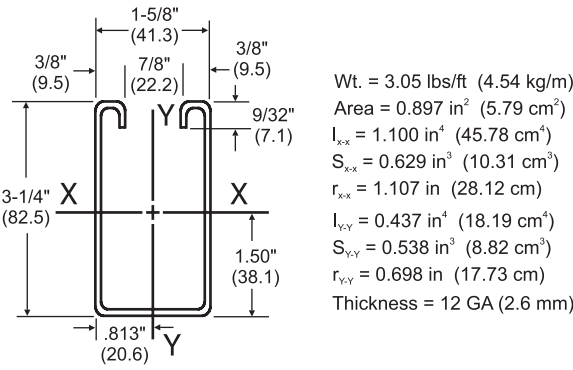


KK-100 CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	3283	14.71	3283	14.71	8319	37.27
36	914	2188	9.80	2188	9.80	7139	31.98
48	1219	1641	7.35	1641	7.35	5747	25.75
60	1524	1313	5.88	1313	5.88	4306	19.29
72	1829	1094	4.90	972	4.35	3345	14.99
84	2134	938	4.20	714	3.20	2746	12.30
96	2438	820	3.67	546	2.45	2340	10.48
108	2743	729	3.27	432	1.94	2043	9.15
120	3048	656	2.94	350	1.57	1817	8.14

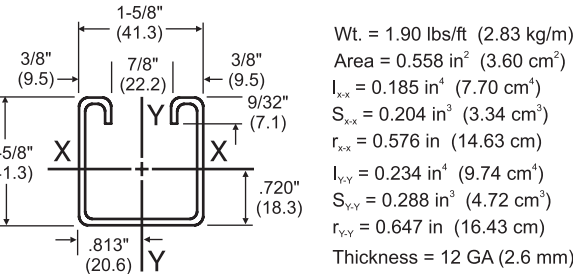


KK-100A CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	3800*	17.02	3800*	17.02	18467	82.73
36	914	3800*	17.02	3800*	17.02	18015	80.71
48	1219	3800*	17.02	3800*	17.02	17383	77.88
60	1524	3800*	17.02	3800*	17.02	16570	74.23
72	1829	3225	14.45	3225	14.45	15578	69.79
84	2134	2764	12.38	2764	12.38	14404	64.53
96	2438	2418	10.83	2418	10.83	13050	58.46
108	2743	2150	9.63	2150	9.63	11515	51.59
120	3048	1935	8.67	1886	8.45	9800	43.90

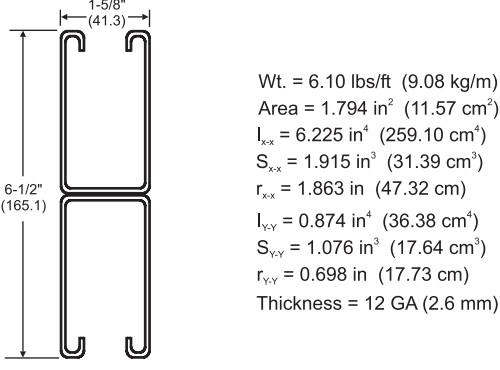
* Limited by spot weld shear.



KK-150 CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	5241	23.48	5241	23.48	7371	33.02
36	914	3494	15.65	3494	15.65	6579	29.47
48	1219	2620	11.74	2620	11.74	5592	25.05
60	1524	2096	9.39	2096	9.39	4489	20.11
72	1829	1747	7.83	1747	7.83	3484	15.61
84	2134	1497	6.71	1496	6.70	2756	12.35
96	2438	1310	5.87	1145	5.13	2307	10.33
108	2743	1164	5.21	905	4.05	1991	8.92
120	3048	1048	4.69	733	3.28	1757	7.87

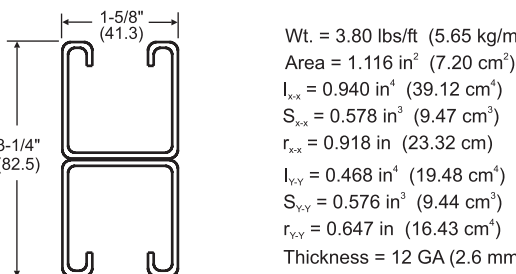


KK-200 CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	1700	7.62	1700	7.62	8370	37.50
36	914	1133	5.08	1133	5.08	7020	31.45
48	1219	850	3.81	772	3.46	5573	24.97
60	1524	680	3.05	494	2.21	4246	19.02
72	1829	566	2.54	343	1.54	3411	15.28
84	2134	485	2.17	252	1.13	2858	12.80
96	2438	425	1.90	193	0.86	2455	11.00
108	2743	377	1.69	152	0.68	2142	9.60
120	3048	340	1.52	123	0.55	1890	8.47



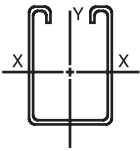
KK-150A CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	4900*	21.95	4900*	21.95	15930	71.37
36	914	4900*	21.95	4900*	21.95	15674	70.22
48	1219	4900*	21.95	4900*	21.95	15314	68.61
60	1524	4900*	21.95	4900*	21.95	14852	66.54
72	1829	4900*	21.95	4900*	21.95	14288	64.01
84	2134	4559	20.42	4559	20.42	13621	61.02
96	2438	3989	17.87	3989	17.87	12851	57.57
108	2743	3546	15.89	3546	15.89	11979	53.67
120	3048	3191	14.30	3191	14.30	11003	49.29

* Limited by spot weld shear.

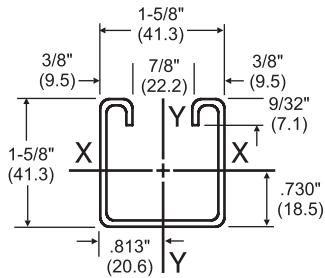


KK-200A CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	2480*	11.11	2480*	11.11	19047	85.33
36	914	2480*	11.11	2480*	11.11	18357	82.24
48	1219	2408	10.79	2408	10.79	17389	77.90
60	1524	1926	8.63	1926	8.63	16146	72.33
72	1829	1605	7.19	1605	7.19	14625	65.52
84	2134	1376	6.16	1278	5.72	12829	57.47
96	2438	1204	5.39	979	4.39	10755	48.18
108	2743	1070	4.79	773	3.46	8571	38.40
120	3048	963	4.31	626	2.80	6943	31.10

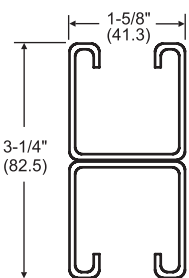
* Limited by spot weld shear.



STEEL CHANNEL ENGINEERING DATA
STRUT FRAMING SYSTEMS



Wt. = 1.40 lbs/ft (2.08 kg/m)
Area = 0.412 in² (2.66 cm²)
I_{xx} = 0.146 in⁴ (6.08 cm⁴)
S_{xx} = 0.163 in³ (2.67 cm³)
r_{xx} = 0.595 in (15.11 cm)
I_{yy} = 0.180 in⁴ (7.49 cm⁴)
S_{yy} = 0.222 in³ (3.64 cm³)
r_{yy} = 0.661 in (16.79 cm)
Thickness = 14 GA (1.9 mm)

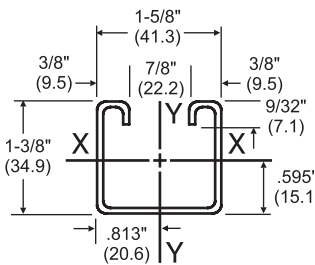


Wt. = 2.80 lbs/ft (4.17 kg/m)
Area = 0.824 in² (5.31 cm²)
I_{xx} = 0.730 in⁴ (30.38 cm⁴)
S_{xx} = 0.449 in³ (7.36 cm³)
r_{xx} = 0.941 in (23.90 cm)
I_{yy} = 0.360 in⁴ (14.98 cm⁴)
S_{yy} = 0.444 in³ (7.28 cm³)
r_{yy} = 0.661 in (16.79 cm)
Thickness = 14 GA (1.9 mm)

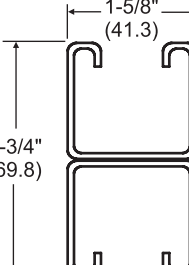
KK-210 CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	1358	6.08	1358	6.08	5286	23.68
36	914	905	4.05	905	4.05	4534	20.31
48	1219	679	3.04	608	2.72	3638	16.30
60	1524	543	2.43	389	1.74	2707	12.13
72	1829	452	2.02	270	1.21	2091	9.37
84	2134	388	1.74	198	0.89	1708	7.65
96	2438	339	1.52	152	0.68	1447	6.48
108	2743	301	1.35	120	0.54	1257	5.63
120	3048	271	1.21	97	0.43	1112	4.98

KK-210A CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	1700*	7.62	1700*	7.62	11890	53.27
36	914	1700*	7.62	1700*	7.62	11693	52.38
48	1219	1700*	7.62	1700*	7.62	10903	48.84
60	1524	1483	6.64	1483	6.64	10310	46.19
72	1829	1247	5.59	1247	5.59	9585	42.94
84	2134	1069	4.79	993	4.45	8730	39.11
96	2438	935	4.19	760	3.40	7741	34.68
108	2743	831	3.72	600	2.69	6622	29.67
120	3048	748	3.35	486	2.18	5421	24.29

* Limited by spot weld shear.



Wt. = 1.70 lbs/ft (2.53 kg/m)
Area = 0.502 in² (3.24 cm²)
I_{xx} = 0.121 in⁴ (5.04 cm⁴)
S_{xx} = 0.155 in³ (2.54 cm³)
r_{xx} = 0.491 in (12.47 cm)
I_{yy} = 0.206 in⁴ (8.57 cm⁴)
S_{yy} = 0.254 in³ (4.16 cm³)
r_{yy} = 0.640 in (16.26 cm)
Thickness = 12 GA (2.6 mm)

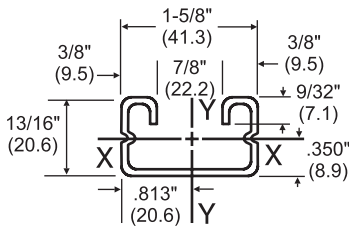
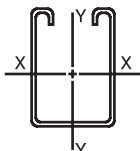


Wt. = 3.40 lbs/ft (5.06 kg/m)
Area = 1.004 in² (6.48 cm²)
I_{xx} = 0.595 in⁴ (24.77 cm⁴)
S_{xx} = 0.433 in³ (7.10 cm³)
r_{xx} = 0.770 in (19.56 cm)
I_{yy} = 0.412 in⁴ (17.15 cm⁴)
S_{yy} = 0.508 in³ (8.33 cm³)
r_{yy} = 0.640 in (16.26 cm)
Thickness = 12 GA (2.6 mm)

KK-300 CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	1291	5.78	1291	5.78	8193	36.70
36	914	861	3.86	861	3.86	6876	30.80
48	1219	645	2.89	504	2.26	5535	24.80
60	1524	516	2.31	322	1.44	4300	19.26
72	1829	430	1.93	224	1.00	3483	15.60
84	2134	369	1.65	164	0.73	2918	13.07
96	2438	332	1.49	126	0.56	2496	11.18
108	2743	287	1.29	99	0.44	2162	9.69
120	3048	258	1.16	80	0.36	1793	8.03

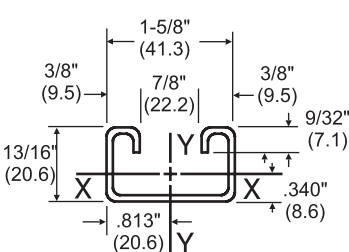
KK-300A CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	2150*	9.63	2150*	9.63	18275	81.87
36	914	2150*	9.63	2150*	9.63	17955	80.44
48	1219	1804	8.08	1804	8.08	16875	75.60
60	1524	1443	6.46	1443	6.46	15489	69.39
72	1829	1202	5.38	1101	4.93	13793	61.79
84	2134	1030	4.61	809	3.62	11790	52.82
96	2438	902	4.04	619	2.77	9472	42.43
108	2743	811	3.63	489	2.19	7484	33.53
120	3048	721	3.23	396	1.77	6062	27.16

* Limited by spot weld shear.



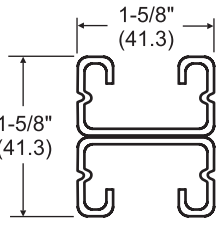
Wt. = 0.80 lbs/ft (1.19 kg/m)
Area = 0.226 in² (1.46 cm²)
I_{xx} = 0.022 in⁴ (0.92 cm⁴)
S_{xx} = 0.048 in³ (0.79 cm³)
r_{xx} = 0.311 in (7.90 cm)
I_{yy} = 0.085 in⁴ (3.54 cm⁴)
S_{yy} = 0.105 in³ (1.72 cm³)
r_{yy} = 0.613 in (15.57 cm)
Thickness = 16 GA (1.5 mm)

KK-400 CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	400	1.79	336	1.50	3930	17.61
36	914	266	1.19	162	0.73	3214	14.40
48	1219	200	0.90	91	0.41	2101	9.41
60	1524	160	0.72	58	0.26	1345	6.03
72	1829	133	0.60	40	0.18	934	4.18
84	2134	114	0.51	29	0.13	-	-
96	2438	100	0.45	22	0.10	-	-
108	2743	88	0.39	18	0.08	-	-
120	3048	80	0.36	14	0.06	-	-



Wt. = 0.97 lbs/ft (1.44 kg/m)
Area = 0.290 in² (1.87 cm²)
I_{xx} = 0.027 in⁴ (1.12 cm⁴)
S_{xx} = 0.057 in³ (0.93 cm³)
r_{xx} = 0.305 in (7.75 cm)
I_{yy} = 0.108 in⁴ (4.49 cm⁴)
S_{yy} = 0.133 in³ (2.18 cm³)
r_{yy} = 0.610 in (15.49 cm)
Thickness = 14 GA (1.9 mm)

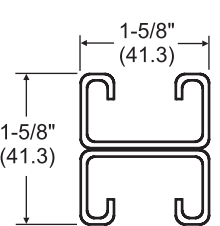
KK-500 CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	475	2.13	449	2.01	4917	22.03
36	914	316	1.42	199	0.89	3870	17.34
48	1219	237	1.06	112	0.50	2432	10.89
60	1524	190	0.85	71	0.32	1557	6.97
72	1829	158	0.71	49	0.22	1080	4.84
84	2134	135	0.60	36	0.16	-	-
96	2438	118	0.53	28	0.12	-	-
108	2743	105	0.47	22	0.10	-	-
120	3048	95	0.43	17	0.08	-	-



Wt. = 1.60 lbs/ft (2.38 kg/m)
Area = 0.452 in² (2.91 cm²)
I_{xx} = 0.108 in⁴ (4.49 cm⁴)
S_{xx} = 0.133 in³ (2.18 cm³)
r_{xx} = 0.489 in (12.42 cm)
I_{yy} = 0.170 in⁴ (7.08 cm⁴)
S_{yy} = 0.210 in³ (3.44 cm³)
r_{yy} = 0.613 in (15.57 cm)
Thickness = 16 GA (1.5 mm)

KK-400A CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	630*	2.82	630*	2.82	8785	39.36
36	914	630*	2.82	630*	2.82	8072	36.16
48	1219	554	2.48	450	2.02	7074	31.69
60	1524	443	1.98	288	1.29	5790	25.94
72	1829	369	1.65	200	0.90	4257	19.07
84	2134	316	1.42	146	0.65	3128	14.01
96	2438	277	1.24	112	0.50	2394	10.73
108	2743	246	1.10	88	0.39	1892	8.48
120	3048	221	0.99	72	0.32	1532	6.86

* Limited by spot weld shear.



Wt. = 1.94 lbs/ft (2.89 kg/m)
Area = 0.580 in² (3.74 cm²)
I_{xx} = 0.119 in⁴ (4.95 cm⁴)
S_{xx} = 0.146 in³ (2.39 cm³)
r_{xx} = 0.453 in (11.51 cm)
I_{yy} = 0.216 in⁴ (8.99 cm⁴)
S_{yy} = 0.266 in³ (4.36 cm³)
r_{yy} = 0.610 in (15.49 cm)
Thickness = 14 GA (1.9 mm)

KK-500A CHANNEL							
BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	lbs	kN	lbs	kN	lbs	kN
24	610	840	3.76	840	3.76	10921	48.93
36	914	811	3.63	811	3.63	9978	44.70
48	1219	608	2.72	495	2.22	8658	38.79
60	1524	486	2.18	317	1.42	6960	31.18
72	1829	405	1.81	220	0.99	5013	22.46
84	2134	347	1.55	161	0.72	3683	16.50
96	2438	304	1.36	123	0.55	2820	12.63
108	2743	270	1.21	97	0.43	2228	9.98
120	3048	243	1.09	79	0.35	-	-

