

AYDINLATMA VE YARDIMCI ELEMANLAR

LIGHTING FITTINGS



BİR-ER ELEKTRİK SİSTEMLERİ YAPIM MÜHENDİSLİK SAN. ve TİC. LTD. ŞTİ.

AYDINLATMA ARMATÜRÜ / LIGHTING FIXTURES



Sipariş Kodu Reference No.	Armatür Tipi Type	Açıklama Description
AA-100-DC	100W DC	E-27 DUYLU BOŞ ARMATÜR
AA-125-CB	125 W CB	CİVA BUHARLI BALASTLI
AA-250-CB	250 W CB	CİVA BUHARLI BALASTLI
AA-150-SB	150W SB	SODYUM BUHARLI BALASTLI
AA-250-SB	250 W SB	SODYUM BUHARLI BALASTLI

AMPUL / LAMPS



Sipariş Kodu Reference No.	Güç, Gerilim Power, Voltage (Watt) (Volt)	Açıklama Description
A-100-DC	100W 110V. DC	AKKOR FLAMANLI, Duy: E-27
A-125-CB	125W 220V. AC	CİVA BUHARLI, Duy: E-27
A-250-CB	250W 220V. AC	CİVA BUHARLI, Duy: E-40
A-150-SB	150W 220V. AC	SODYUM BUHARLI, Duy: E-40
A-250-SB	250W 220V. AC	SODYUM BUHARLI, Duy: E-40

ARMATÜR BORUSU 60° / PIPE FOR ARMATURE



Sipariş Kodu Reference No.	Boru Çapı Pipe Diameter (mm)-(inch)	Malzeme Material
AB-42-G	42mm - 1 1/4"	H.D GALVANIZED
AB-40-A	40mm	ALUMINIUM

ENTÜL



Sipariş Kodu Reference No.	Boru Çapı Pipe Diameter (mm)-(inch)	Malzeme Material
ES-42-K	42mm - 1 1/4"	BLACK RUBBER
ES-40-K	40mm	BLACK RUBBER
ES-1 1/2"-K	1 1/2"	BLACK RUBBER
ES-2"-K	2"	BLACK RUBBER
EB-42-P	42mm - 1 1/4"	WHITE NYLON-6
EB-40-P	40mm	WHITE NYLON-6
EB-1 1/2"-P	1 1/2"	WHITE NYLON-6
EB-2"-P	2"	WHITE NYLON-6

ARMATÜR BORU KELEPÇESİ / PIPE CLAMP



Sipariş Kodu Reference No.	Sıkma Aralığı Clamp Range (mm) (inch)	Malzeme Material
ABK-39/44-İ	39-44mm.- 1 1/4"	INOX
ABK-39/44-G	39-44mm.- 1 1/4"	HOT DIP GALVANIZED

Bolts : Inox

BUAT MONTAJ PARÇASI / JUNCTION BOX FIXING



Sipariş Kodu Reference No.	Ölçü Dimensions (mm)	Description Açıklama	Malzeme Material
BMP-200-İ	100x200	To Single J.Box(100x100)	INOX
BMP-200-G	100x200	To Single J.Box(100x100)	H.D.G.Steel
BMP-300-İ	100x300	To Double J.Box 2x(100x100)	INOX
BMP-300-G	100x300	To Double J.Box 2x(100x100)	H.D.G.Steel
BMP-330-İ	100x330	To Double J.Box 2x(100x130)	INOX
BMP-330-G	100x330	To Double J.Box 2x(100x130)	H.D.G.Steel

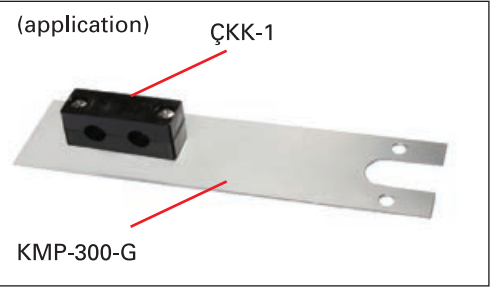
HARİCİ BUAT IP67 / EXTERNAL JUNCTION BOX

Sipariş Kodu Reference No.	Ölçü Dimensions (mm)	Malzeme Material
HB-100	100x100x73	ALUMINIUM
HB-130	100x130x73	ALUMINIUM



KROŞE MONTAJ PARÇASI / PLATE TO CLIP

Sipariş Kodu Reference No.	Ölçü Dimensions (mm)	Description Açıklama	Malzeme Material
KMP-200-İ	50x200	Single clip to J.Box(100x100)	INOX
KMP-200-G	50x200	Single clip to J.Box(100x100)	H.D.G.Steel
KMP-300-İ	50x300	Double clip to J.Box 2x(100x100)	INOX
KMP-300-G	50x300	Double clip to J.Box 2x(100x100)	H.D.G.Steel
KMP-330-İ	50x330	Double clip to J.Box 2x(100x130)	INOX
KMP-330-G	50x330	Double clip to J.Box 2x(100x130)	H.D.G.Steel



ÇİFTLİ KABLO KROŞESİ / TWO CABLE CLIP

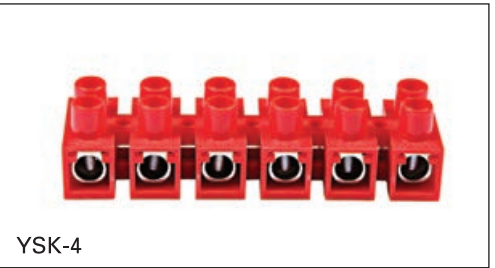
Sipariş Kodu Reference No.	Ölçü Dimensions (mm)	Kablo Sıkma Aralığı Cable Clip Range Ø (mm)	Malzeme Material
ÇKK-1	20x58x25	2x(10-13)	NYLON-6



Bolts : Inox

YANMAZ SIRA KLEMENS / FIREPROOF TERMINAL

Sipariş Kodu Reference No.	Kablo Sıkma Aralığı Cable Clamp Range max.(mm ²)	Ambalaj Miktarı / Packing Poşet / Pochette Koli / Box adet / pcs
YSK-1	4	12'li 50
YSK-2	6	12'li 50
YSK-3	10	10'lu 50
YSK-4	16	6'lı 50
YSK-5	25	6'lı 50



HARİCİ PRİZ / OUTSIDE SOCKET

Sipariş Kodu Reference No.	Description Açıklama
HP-16A	3X16A, Monofaze, 2P+T, IP67 6h 200-250V
HP-125A	5X125A, Trifaze, 3P+N+T, IP67 6h 380-415V



HARİCİ FİŞ / OUTSIDE PLUG

Sipariş Kodu Reference No.	Description Açıklama
HP-16A	3X16A, Monofaze, 2P+T, IP67 6h 200-250V
HP-125A	5X125A, Trifaze, 3P+N+T, IP67 6h 380-415V



KAUÇUK KÖR TAPA / RUBBER BLIND PLUG

Sipariş Kodu Reference No.	Tip Model	Montaj Delik Çapı Hole Size Diameter Ø (mm)	Malzeme Material
KT-13.5	PG 13,5	17	RUBBER
KT-16	PG 16	22.8	
KT-21	PG 21	28.6	
KT-29	PG 29	37.3	
KT-36	PG 36	47	
KT-42	PG 42	55	



KABLO RAKORU / CABLE GLANDS

NAVAL BRASS



Sipariş Kodu Reference No.	Tip Model	Kablo Sıkma Aralığı Cable Clamp Range Ø(mm)	Montaj Delik Çapı Hole Size Diameter Ø (mm)
KR-7-N	PG 7	3 - 6,5	13
KR-9-N	PG 9	4 - 8	16
KR-11-N	PG 11	5 - 10	19
KR-13.5-N	PG 13,5	6 - 12	21
KR-16-N	PG 16	10 - 14	23
KR-21-N	PG 21	11 - 18	29
KR-29-N	PG 29	18 - 25	37.5
KR-36-N	PG 36	26 - 30	47.5
KR-42-N	PG 42	30 - 38	54.5
KR-48-N	PG 48	34 - 44	60

N : NİKEL KAPLI PİRİNÇ / NICKEL PLATED NAVAL BRASS

NB: PİRİNÇ / NAVAL BRASS

KABLO RAKORU / CABLE GLANDS

POLYAMİD



Sipariş Kodu Reference No.	Tip Model	Kablo Sıkma Aralığı Cable Clamp Range Ø(mm)	Montaj Delik Çapı Hole Size Diameter Ø (mm)
KR-7-P	PG 7	3 - 6,5	13
KR-9-P	PG 9	4 - 8	16
KR-11-P	PG 11	5 - 10	19
KR-13.5-P	PG 13,5	6 - 12	21
KR-16-P	PG 16	10 - 14	23
KR-21-P	PG 21	11 - 18	29
KR-29-P	PG 29	18 - 25	37.5
KR-36-P	PG 36	26 - 30	47.5
KR-42-P	PG 42	30 - 38	54.5
KR-48-P	PG 48	34 - 44	60

P : POLYAMİD

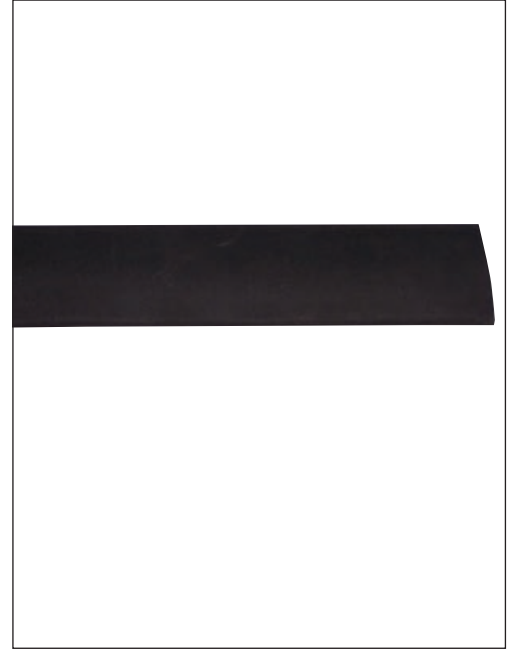
KABLO BAĞI / CABLE TIES



Sipariş Kodu Reference No.	En x Boy Width x Length (mm)	Ambalaj Miktarı / Packing	
		Poşet / Pochette adet / pcs	Koli / Box adet / pcs
KB-	2,5 x 98	1,000	50.000
KB-	2,5 x 135	100	12.000
KB-	2,6 x 200	100	8.000
KB-	3,6 x 140	100	7.000
KB-	3,6 x 200	100	7.000
KB-	3,6 x 290	100	4.500
KB-	4,5 x 160	100	6.000
KB-	4,8 x 200	100	4.000
KB-	4,8 x 250	100	4.500
KB-	4,8 x 290	100	3.500
KB-	4,8 x 360	100	3.000
KB-	7,8 x 180	100	2.500
KB-	7,8 x 240	100	2.000
KB-	7,8 x 300	100	1.500
KB-	7,8 x 365	100	1.500
KB-	7,8 x 450	100	3.000
KB-	7,8 x 540	100	2.000
KB-	7,8 x 750	100	2.000

ISI İLE DARALAN MAKARON / HEAT SHRINKABLE TUBES

Sipariş Kodu Reference No.	İç Çapı(daralmadan) Inside Diameter		Ambalaj Packing (m)
	Önce Before	Ø (mm)) Sonra After	
DM-2	2.5	<1,0	200
DM-3	3.5	<1,5	200
DM-4.5	4.8	<2,3	200
DM-6	6.5	<3,0	200
DM-6,5	7.0	<3,3	100
DM-9	9.5	<4,5	100
DM-10	10.5	<5,0	100
DM-12	12.5	<6,0	100
DM-16	16.5	<8,0	100
DM-18	18.7	<9,0	100
DM-25	25.5	<12,5	50
DM-30	31.0	<15,0	50
DM-35	35.0	<19,0	50
DM-40	40.0	<21,0	50
DM-50	50.0	<27,0	50
DM-80	80.0	<40,0	20
DM-100	100.0	<50,0	20



Material: Polyolefin, halogen free Burning Class: Flame retardant (VW-1) 125°C Shrinkage Ratio: 2/1 (90°C)

GALVANİZLİ BORU (DIŞLI) / GALVANIZED PIPE

Sipariş Kodu Reference No.	Boru Ölçüsü Pipe Dimension (inch)	Dış Çap (yaklaşık) Outside Diameter (approx.) (mm)	İç Çap (yaklaşık) Inside Diameter (approx.) (mm)	Net Ağırlık (yaklaşık) Net Weight (approx.) (kg / m)	Sevk Uzunluğu Delivery Length (m)
GB-1/2	1/2	21.3	16	1,300	6
GB-3/4	3/4	26.9	21,6	1,680	6
GB-1	1	33.7	27,2	2,570	6
GB-11/4	11/4	42.4	35,9	3,210	6
GB-11/2	11/2	48.3	42	3,810	6
GB-2	2	60.3	53,1	5,370	6
GB-21/2	21/2	76.1	68,9	6,890	6
GB-3	3	88.9	80,8	8,940	6
GB-4	4	114.3	105,3	12,790	6
GB-5	5	139.7	129,7	16,500	6
GB-6	6	165.1	155,1	20,500	6

GALVANİZLİ DİKİŞSİZ BORU (DIŞSİZ) / GALVANIZED CONDUIT (TOSTHLESS)

Sipariş Kodu Reference No.	Boru Ölçüsü Pipe Dimension (inch)	Dış Çap (yaklaşık) Outside Diameter (approx.) (mm)	İç Çap (yaklaşık) Inside Diameter (approx.) (mm)	Net Ağırlık (yaklaşık) Net Weight (approx.) (kg / m)	Sevk Uzunluğu Delivery Length (m)
GDB-1/2	1/2	17.9	15.8	0.44	3.05
GDB-3/4	3/4	23.4	20.9	0.68	3.05
GDB-1	1	29.5	26.6	0.99	3.05
GDB-11/4	11/4	38.3	35	1.41	3.05
GDB-11/2	11/2	44.2	40.9	1,70	3.05
GDB-2	2	55.8	52.5	3,21	3.05
GDB-3	3	88.9	85.2	3,90	3.05
GDB-4	4	114.3	110.8	5,83	3.05



SOMUNLU KELEPÇE / HEX NUT WELDED

ZINC-PLATED STEEL



Sipariş Kodu Reference No.	Kelepçe Ölçüsü Pipe Diameter (inch)	Sıkma Aralığı Clamp Range (mm)	Malzeme Material
SK-1/2	1/2"	18-23	STEEL
SK-3/4	3/4"	27-31	
SK-1	1"	32-37	
SK-1 1/4	1 1/4"	39-44	
SK-1 1/2	1 1/2"	46-54	
SK-2	2"	54-61	
SK-2 1/2	2 1/2"	75-82	
SK-3	3"	83-89	
SK-4	4"	110-117	

TRIFON VİDALI KELEPÇE / WOOD SCREW WELDED

ZINC-PLATED STEEL



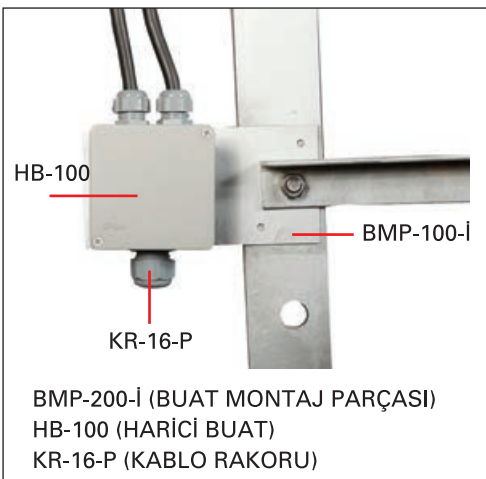
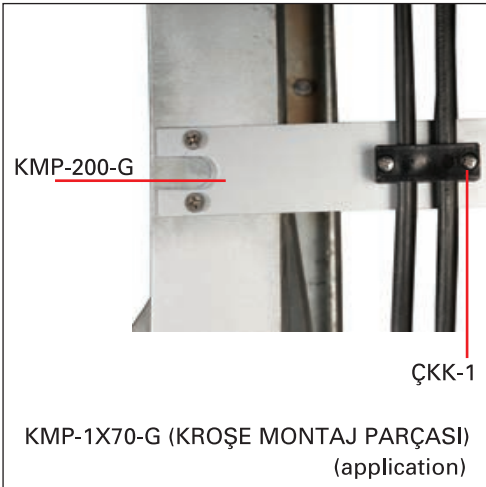
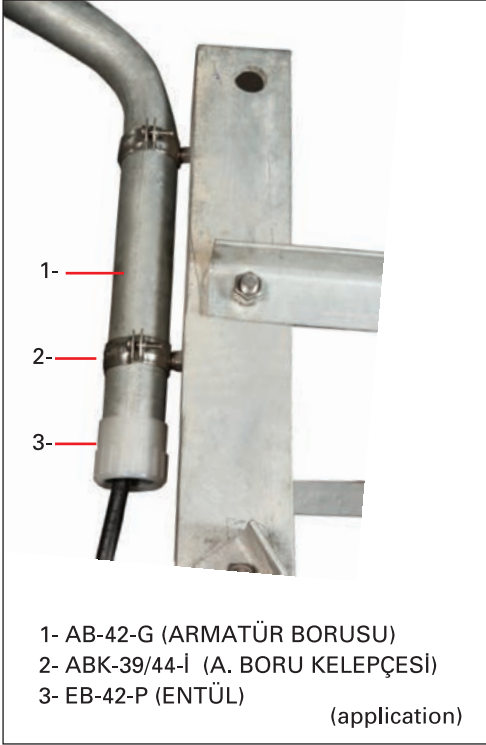
Sipariş Kodu Reference No.	Kelepçe Ölçüsü Pipe Diameter (inch)	Sıkma Aralığı Clamp Range (mm)	Malzeme Material
TVK-1/2	1/2"	18-23	STEEL
TVK-3/4	3/4"	27-31	
TVK-1	1"	32-37	
TVK-1 1/4	1 1/4"	39-44	
TVK-1 1/2	1 1/2"	46-54	
TVK-2	2"	54-61	
TVK-2 1/4	2 1/2"	75-82	
TVK-3	3"	83-89	
TVK-4	4"	110-117	

BORU KELEPÇESİ TEK DELİKLİ / PIPE CLIP ONE HOLE



Sipariş Kodu Reference No.	Boru Çapı Pipe Diameter (mm)-(inch)	Malzeme Material
BKT-10	10	GALVANIZED
BKT-10	10	HOT DIP GALVANIZED
BKT-12	12	GALVANIZED
BKT-12	12	HOT DIP GALVANIZED
BKT-16	16	GALVANIZED
BKT-16-G	16	HOT DIP GALVANIZED
BKT-20	20	GALVANIZED
BKT-20-G	20	HOT DIP GALVANIZED
BKT-25	25	GALVANIZED
BKT-25-G	25	HOT DIP GALVANIZED
BKT-32	32	GALVANIZED
BKT-32-G	32	HOT DIP GALVANIZED
BKT-40	40	GALVANIZED
BKT-40-G	40	HOT DIP GALVANIZED
BKT-50	50	GALVANIZED
BKT-50-G	50	HOT DIP GALVANIZED
BKT-1/2"	1/2"	GALVANIZED
BKT-1/2"-G	1/2"	HOT DIP GALVANIZED
BKT-3/4"	3/4"	GALVANIZED
BKT-3/4"-G	3/4"	HOT DIP GALVANIZED
BKT-1"	1"	GALVANIZED
BKT-1"-G	1"	HOT DIP GALVANIZED
BKT-1 1/4"	1 1/4"	GALVANIZED
BKT-1 1/4"-G	1 1/4"	HOT DIP GALVANIZED
BKT-1 1/2"	1 1/2"	GALVANIZED
BKT-1 1/2"-G	1 1/2"	HOT DIP GALVANIZED
BKT-2"	2"	GALVANIZED
BKT-2"-G	2"	HOT DIP GALVANIZED

UYGULAMALAR / APPLICATIONS



BORU KELEPÇESİ ÇİFT DELİKLİ / PIPE CLIP DOUBLE HOLE



Sipariş Kodu Reference No.	Boru Çapı Pipe Diameter (mm)-(inch)	Malzeme Material
BKÇ-10	10	GALVANIZED
BKÇ-10	10	HOT GALVANIZED
BKÇ-12	12	GALVANIZED
BKÇ-12	12	HOT GALVANIZED
BKÇ-16	16	GALVANIZED
BKÇ-16-G	16	HOT GALVANIZED
BKÇ-20	20	GALVANIZED
BKÇ-20-G	20	HOT GALVANIZED
BKÇ-25	25	GALVANIZED
BKÇ-25-G	25	HOT GALVANIZED
BKÇ-32	32	GALVANIZED
BKÇ-32-G	32	HOT GALVANIZED
BKÇ-40	40	GALVANIZED
BKÇ-40-G	40	HOT GALVANIZED
BKÇ-50	50	GALVANIZED
BKÇ-50-G	50	HOT GALVANIZED
BKÇ-1/2"	1/2"	GALVANIZED
BKÇ-1/2"-G	1/2"	HOT GALVANIZED
BKÇ-3/4"	3/4"	GALVANIZED
BKÇ-3/4"-G	3/4"	HOT GALVANIZED
BKÇ-1"	1"	GALVANIZED
BKÇ-1"-G	1"	HOT GALVANIZED
BKÇ-1 1/4"	1 1/4"	GALVANIZED
BKÇ-1 1/4"-G	1 1/4"	HOT GALVANIZED
BKÇ-1 1/2"	1 1/2"	GALVANIZED
BKÇ-1 1/2"-G	1 1/2"	HOT GALVANIZED
BKÇ-2"	2"	GALVANIZED
BKÇ-2"-G	2"	HOT GALVANIZED