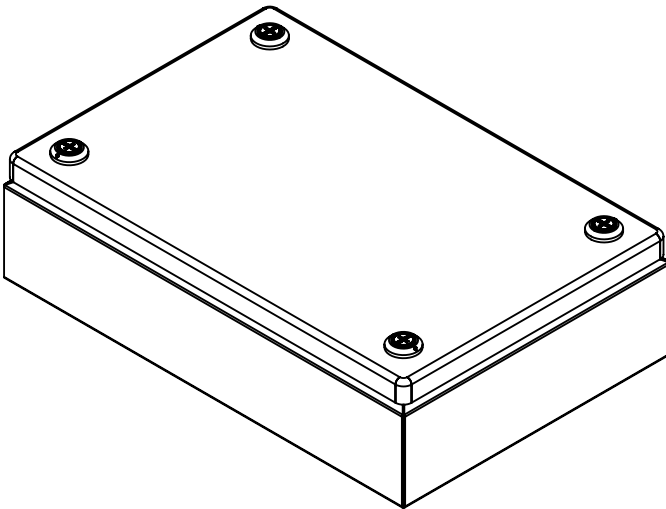


Detailed
Technical
Information

304 STAINLESS STEEL ENCLOSURES KT SERIES 304 PASLANMAZ PANO KT SERİSİ

KT 351.180-SS4	KT 150 W x 150 H x 80 D
KT 352.280-SS4	KT 200 W x 200 H x 80 D
KT 353.180-SS4	KT 300 W x 150 H x 80 D
KT 353.280-SS4	KT 300 W x 200 H x 80 D
KT 351.112-SS4	KT 150 W x 150 H x 120 D
KT 352.212-SS4	KT 200 W x 200 H x 120 D
KT 353.212-SS4	KT 300 W x 200 H x 120 D
KT 353.312-SS4	KT 300 W x 300 H x 120 D
KT 354.212-SS4	KT 400 W x 200 H x 120 D
KT 354.312-SS4	KT 400 W x 300 H x 120 D



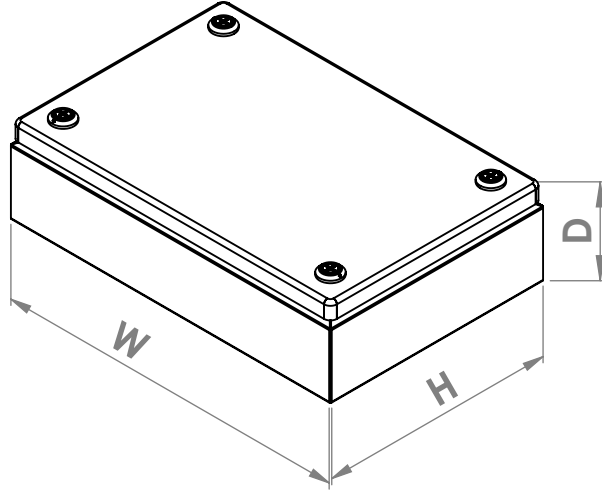
This product is a empty enclosure for low voltage switch gear applications with maximum rated voltage 1000V AC or 1500V DC in indoor applications



For more information go to www.tekpan.com.tr

304 STAINLESS STEEL ENCLOSURES KT SERIES

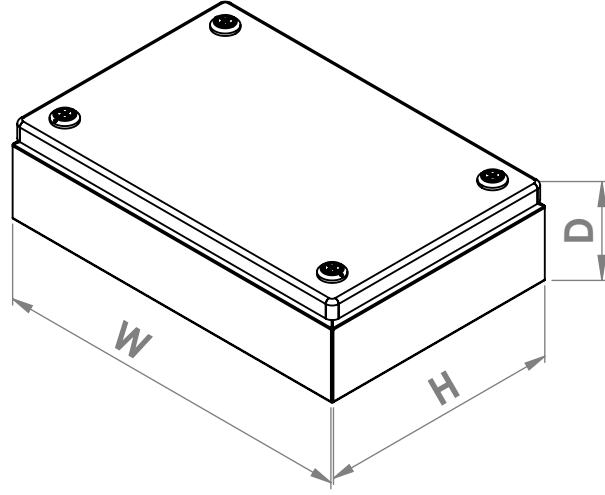
304 PASLANMAZ PANO KT SERİSİ



KT 351.180-SS4	KT 150 W x 150 H x 80 D
KT 352.280-SS4	KT 200 W x 200 H x 80 D
KT 353.180-SS4	KT 300 W x 150 H x 80 D
KT 353.280-SS4	KT 300 W x 200 H x 80 D
KT 351.112-SS4	KT 150 W x 150 H x 120 D
KT 352.212-SS4	KT 200 W x 200 H x 120 D
KT 353.212-SS4	KT 300 W x 200 H x 120 D
KT 353.312-SS4	KT 300 W x 300 H x 120 D
KT 354.212-SS4	KT 400 W x 200 H x 120 D
KT 354.312-SS4	KT 400 W x 300 H x 120 D

304 STAINLESS STEEL ENCLOSURES KT SERIES

304 PASLANMAZ PANO KT SERİSİ



KT 304 SERIES

PRODUCT INFORMATION

ITEM	Ref.No:	PRODUCT INFORMATION													
		ENCLOSURE DIMENSIONS W x H x D (mm)			SHEET THICKNESS(mm)				MOUNTING PLATE DIMENSIONS W x H (mm)		MOUNTING PLATE	DOOR			
		*WIDTH (mm)	*HEIGHT (mm)	*DEPTH (mm)	BODY (mm)	COVER (mm)	ORTA DESTEK PROFİLİ (mm)	MOUNTING PLATE (mm)	WIDTH (mm)	HEIGHT (mm)	INC.-W/O	LOCK	LOCK PIECE	HINGE QTY	DOOR TYPE
1	KT 351.180-SS4	150	150	80	1,2	1,2	W/O	2	135	125	W/O	MINI CAM LOCK	4	W/O	SOLID
2	KT 352.280-SS4	200	200	80	1,2	1,2	W/O	2	185	175	W/O	MINI CAM LOCK	4	W/O	SOLID
3	KT 353.180-SS4	300	150	80	1,2	1,2	W/O	2	285	125	W/O	MINI CAM LOCK	4	W/O	SOLID
4	KT 353.280-SS4	300	200	80	1,2	1,2	W/O	2	285	175	W/O	MINI CAM LOCK	4	W/O	SOLID
5	KT 351.112-SS4	150	150	120	1,2	1,2	W/O	2	135	125	W/O	MINI CAM LOCK	4	W/O	SOLID
6	KT 352.212-SS4	200	200	120	1,2	1,2	W/O	2	185	175	W/O	MINI CAM LOCK	4	W/O	SOLID
7	KT 353.212-SS4	300	200	120	1,2	1,2	W/O	2	285	175	W/O	MINI CAM LOCK	4	W/O	SOLID
8	KT 353.312-SS4	300	300	120	1,2	1,2	W/O	2	285	275	W/O	MINI CAM LOCK	4	W/O	SOLID
9	KT 354.212-SS4	400	200	120	1,2	1,2	W/O	2	385	175	W/O	MINI CAM LOCK	4	W/O	SOLID
10	KT 354.312-SS4	400	300	120	1,2	1,2	W/O	2	385	275	W/O	MINI CAM LOCK	4	W/O	SOLID

Material Main Body 1,2mm 304 Stainless Steel, Front Door 304 Stainless Steel
Mounting Plate 2mm Galvanized

IK 10 Door

IP Class IEC ve EN 60529 IP 66

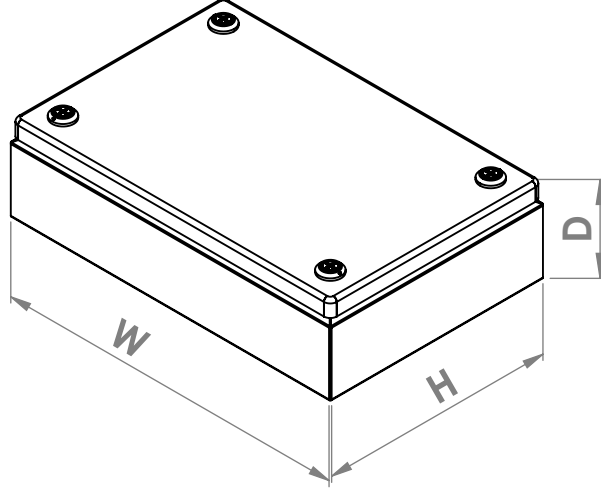
NEMA Class Nema 4

Standarts IEC 62208 (Enclosure Standarts)

Guarantee KYT-72

304 STAINLESS STEEL ENCLOSURES KT SERIES

304 PASLANMAZ PANO KT SERİSİ



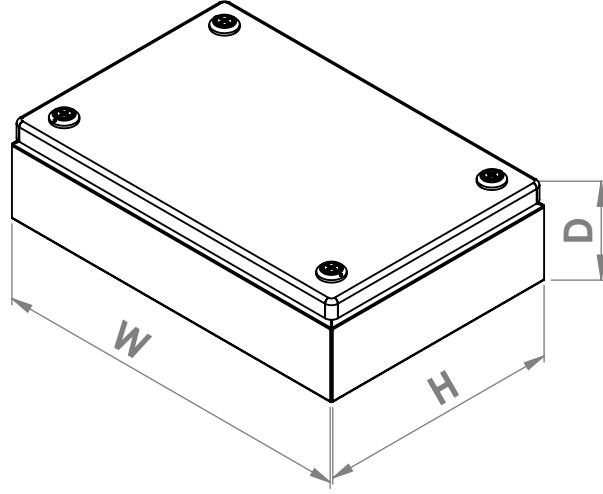
KT SERIES						
ITEM	Ref.No:	ENCLOSURE DIMENSIONS W x H x D (mm)			ACCESSORIES	
		*WIDTH (mm)	*HEIGHT (mm)	*DEPTH (mm)	**MOUNTI NG PLATE	***WALL BRACKET
1	KT 351.180-SS4	150	150	80	943.111	975.001
2	KT 352.280-SS4	200	200	80	943.122	975.001
3	KT 353.180-SS4	300	150	80	943.131	975.001
4	KT 353.280-SS4	300	200	80	943.132	975.001
5	KT 351.112-SS4	150	150	120	943.111	975.001
6	KT 352.212-SS4	200	200	120	943.122	975.001
7	KT 353.212-SS4	300	200	120	943.132	975.001
8	KT 353.312-SS4	300	300	120	943.133	975.001
9	KT 354.212-SS4	400	200	120	943.142	975.001
10	KT 354.312-SS4	400	300	120	943.143	975.001

INFORMATION

- * Please check the electronic copies (2D drawing) for the original dimensions.
- ** The option is a product, the package content comes as 1 Mounting plate and bolt pack.
- *** As needed ,One package can be ordered for per panel, there are 4 wall brackets, sealing gaskets and connection equipment in the package.

304 STAINLESS STEEL ENCLOSURES KT SERIES

304 PASLANMAZ PANO KT SERİSİ



KT 304 SERİSİ

SIRA	Ref.No:	ÜRÜN BİLGİSİ													
		PANO ÖLÇÜLERİ W x H x D (mm)			SAC KALINLIKLARI (mm)				MONTAJ PLAKASI ÖLÇÜLERİ G x Y (mm)		MONTAJ PLAKASI	KAPAK			
		*GENİŞLİK (mm)	*YÜKSEKLİK (mm)	*DERİNLİK (mm)	GÖVDE (mm)	KAPAK (mm)	ORTA DESTEK PROFİLİ (mm)	MONTAJ PLAKASI (mm)	GENİŞLİK (mm)	YÜKSEKLİK (mm)	MON. PL VAR/ YOK	KİLİT	KİLİT ADEJİ	MENTEŞE	KAPAK TİPİ
1	KT 351.180-SS4	150	150	80	1,2	1,2	YOK	2	135	125	YOK	ÇEYREK DÖNÜŞLÜ MİNİ KİLİT	4	YOK	DÜZ
2	KT 352.280-SS4	200	200	80	1,2	1,2	YOK	2	185	175	YOK	ÇEYREK DÖNÜŞLÜ MİNİ KİLİT	4	YOK	DÜZ
3	KT 353.180-SS4	300	150	80	1,2	1,2	YOK	2	285	125	YOK	ÇEYREK DÖNÜŞLÜ MİNİ KİLİT	4	YOK	DÜZ
4	KT 353.280-SS4	300	200	80	1,2	1,2	YOK	2	285	175	YOK	ÇEYREK DÖNÜŞLÜ MİNİ KİLİT	4	YOK	DÜZ
5	KT 351.112-SS4	150	150	120	1,2	1,2	YOK	2	135	125	YOK	ÇEYREK DÖNÜŞLÜ MİNİ KİLİT	4	YOK	DÜZ
6	KT 352.212-SS4	200	200	120	1,2	1,2	YOK	2	185	175	YOK	ÇEYREK DÖNÜŞLÜ MİNİ KİLİT	4	YOK	DÜZ
7	KT 353.212-SS4	300	200	120	1,2	1,2	YOK	2	285	175	YOK	ÇEYREK DÖNÜŞLÜ MİNİ KİLİT	4	YOK	DÜZ
8	KT 353.312-SS4	300	300	120	1,2	1,2	YOK	2	285	275	YOK	ÇEYREK DÖNÜŞLÜ MİNİ KİLİT	4	YOK	DÜZ
9	KT 354.212-SS4	400	200	120	1,2	1,2	YOK	2	385	175	YOK	ÇEYREK DÖNÜŞLÜ MİNİ KİLİT	4	YOK	DÜZ
10	KT 354.312-SS4	400	300	120	1,2	1,2	YOK	2	385	275	YOK	ÇEYREK DÖNÜŞLÜ MİNİ KİLİT	4	YOK	DÜZ

Malzeme Ana Gövde, Kapak 1.2mm SAE 304 Sac

Montaj Plakası 2mm Galvaniz Sac

IK 10 Kapak

IP Sınıfı IEC ve EN 60529 IP 66

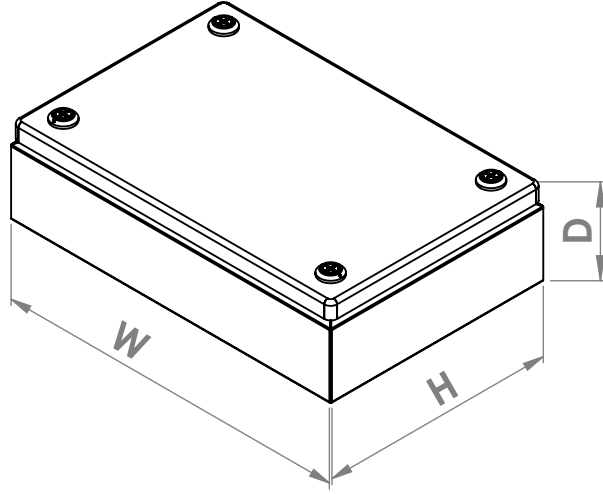
NEMA Sınıfı Nema 4

Standartlar IEC 62208 (Pano Standartları)

Garanti KYT-72

304 STAINLESS STEEL ENCLOSURES KT SERIES

304 PASLANMAZ PANO KT SERİSİ



KT SERİSİ						
SIRA	Ref.No:	PANO ÖLÇÜLERİ G x Y x D (mm)			AKSESUARLAR	
		*GENİŞLİK (mm)	*YÜKSEKLİK (mm)	*DERİNLİK (mm)	**MONTAJ PLAKASI	***DUVAR TUTUCU
					1	KT 351.180-SS4
2	KT 352.280-SS4	200	200	80	943.122	975.001
3	KT 353.180-SS4	300	150	80	943.131	975.001
4	KT 353.280-SS4	300	200	80	943.132	975.001
5	KT 351.112-SS4	150	150	120	943.111	975.001
6	KT 352.212-SS4	200	200	120	943.122	975.001
7	KT 353.212-SS4	300	200	120	943.132	975.001
8	KT 353.312-SS4	300	300	120	943.133	975.001
9	KT 354.212-SS4	400	200	120	943.142	975.001
10	KT 354.312-SS4	400	300	120	943.143	975.001

BİLGİ

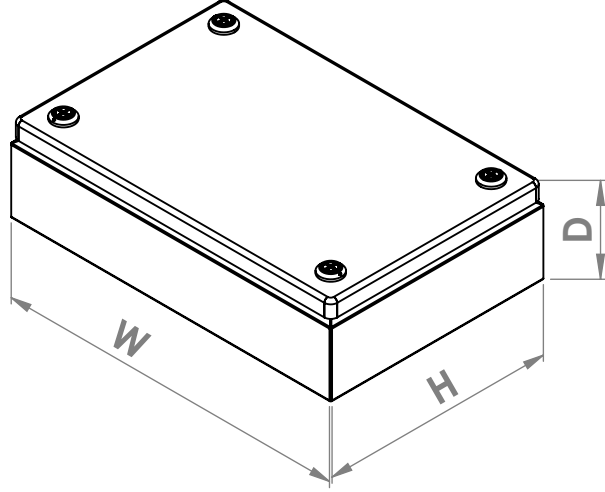
* Orjinal boyutlar için lütfen (2D çizim) elektronik kopyalarını kontrol edin.

** Opsiyon üründür, paket içeriği 1 adet Montaj plakası ve civata paketi olarak gelmektedir.




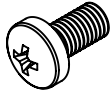


*** İhtiyaç halinde, pano başına 1 adet sipariş edilebilir, paket içeriğinde 4 adet duvar tutucu kulak, sızdırmazlık contası ve bağlantı ekipmanları mevcuttur.

304 STAINLESS STEEL ENCLOSURES KT SERIES

304 PASLANMAZ PANO KT SERİSİ

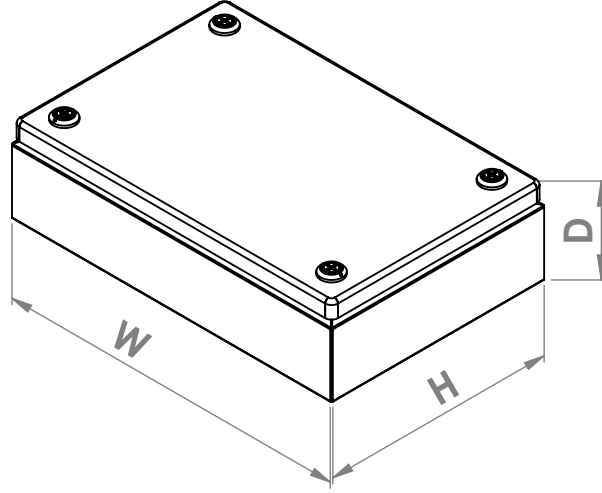


KT SS304 ÜRÜN TABLOSU - PRODUCT CHART

Ref.No:	A	B	C	D	E	F
	Kullanım Kılavuzu <i>User Manuel</i>	M6	Etiket <i>Sticker</i>	M5X10	M5	M6
						
KT 351.180-SS4	1	1	2	1	1	1
KT 352.280-SS4	1	1	2	1	1	1
KT 353.180-SS4	1	1	2	1	1	1
KT 353.280-SS4	1	1	2	1	1	1
KT 351.112-SS4	1	1	2	1	1	1
KT 352.212-SS4	1	1	2	1	1	1
KT 353.212-SS4	1	1	2	1	1	1
KT 353.312-SS4	1	1	2	1	1	1
KT 354.212-SS4	1	1	2	1	1	1
KT 354.312-SS4	1	1	2	1	1	1






304 STAINLESS STEEL ENCLOSURES KT SERIES

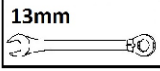
304 PASLANMAZ PANO KT SERİSİ



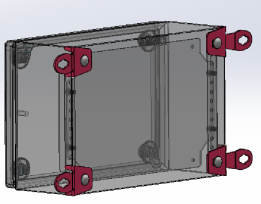
KT 304 SERİSİ/ SERIES						
SIRA	Ref.No:	KORUMA DERECEŚİ		SIRA	Ref.No:	HEAT LOSS (W)
		IP	IK			($\Delta T=20K$)
						ISI KAYBI
1	KT 351.180-SS4	66	10	1	KT 351.180-SS4	6,0
2	KT 352.280-SS4	66	10	2	KT 352.280-SS4	8,0
3	KT 353.180-SS4	66	10	3	KT 353.180-SS4	9,6
4	KT 353.280-SS4	66	10	4	KT 353.280-SS4	11,2
5	KT 351.112-SS4	66	10	5	KT 351.112-SS4	6,5
6	KT 352.212-SS4	66	10	6	KT 352.212-SS4	9,3
7	KT 353.212-SS4	66	10	7	KT 353.212-SS4	12,7
8	KT 353.312-SS4	66	10	8	KT 353.312-SS4	16,7
9	KT 354.212-SS4	66	10	9	KT 354.212-SS4	16,5
10	KT 354.312-SS4	66	10	10	KT 354.312-SS4	20,3

304 STAINLESS STEEL KT ENCLOSURES GASKET AND BOLT ASSEMBLY 304 PASLANMAZ KT PANO CONTA VE CIVATA MONTAJ

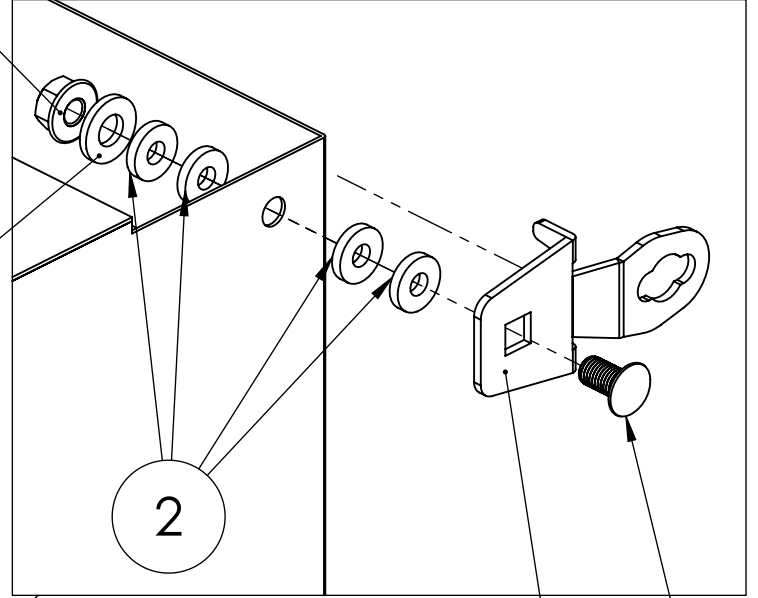
KT SS304 INNER PACKAGE CONTENT / İÇ PAKET İÇERİĞİ					
PCS.			PCS.		
	M6	1		M5	1
	M6	1		M5X10	1
		1		Sticker/Etiket	2



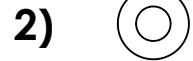
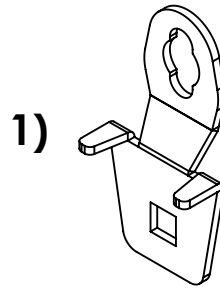
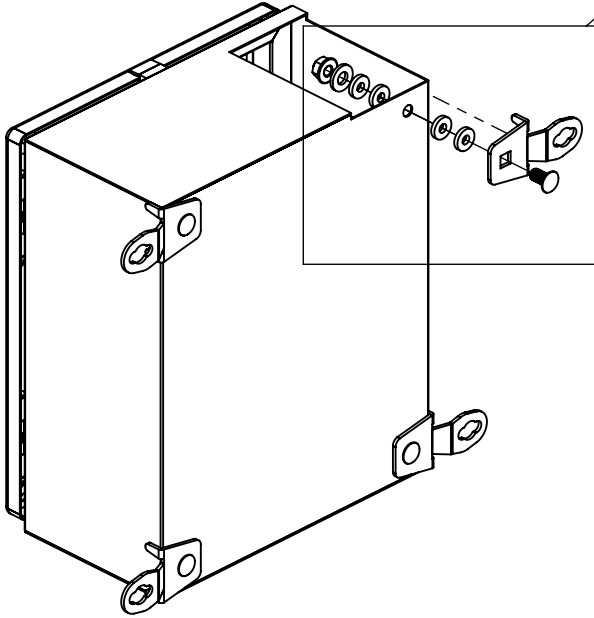
KT 304 STAINLESS STEEL ENCLOSURE WALL BRACKET MOUNTING KT 304 PASLANMAZ PANO DUVAR TUTUCU MONTAJ



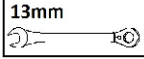
Ø8,5



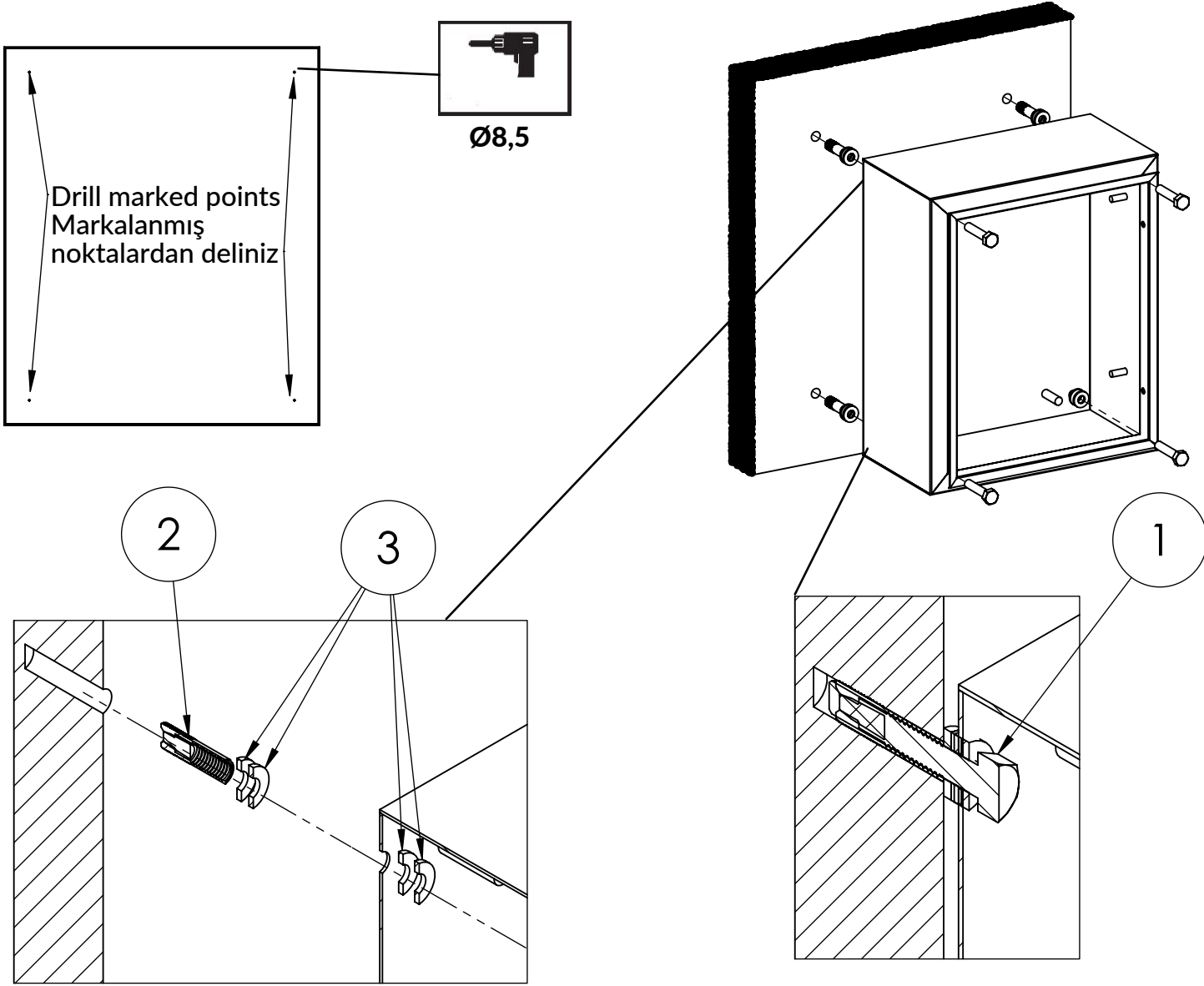
MA = 10 + 1Nm



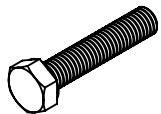


	DUVAR TUTUCU 975.001 WALL BRACKET CONTENT	MİKTAR PIECES
1	SS316 BRACKET / BRAKET	4
2	Ø16X8 CONTA/ SEALING	16
3	M8X15 INOX	4
4	M8 - SS316	4
5	M8 - INOX	4

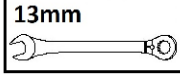


KT 304 STAINLESS STEEL ENCLOSURES DIRECT MOUNTING
KT 304 PASLANMAZ PANO DOĞRUDAN MONTAJ



i **RECOMMENDED PARTS**

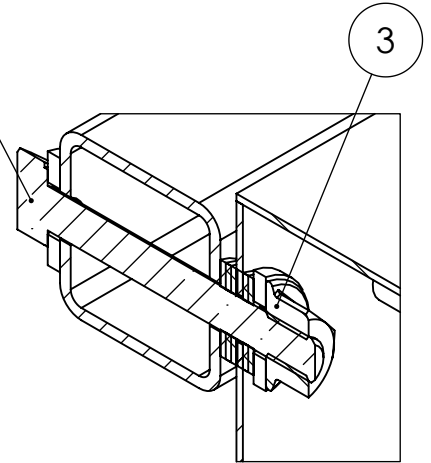
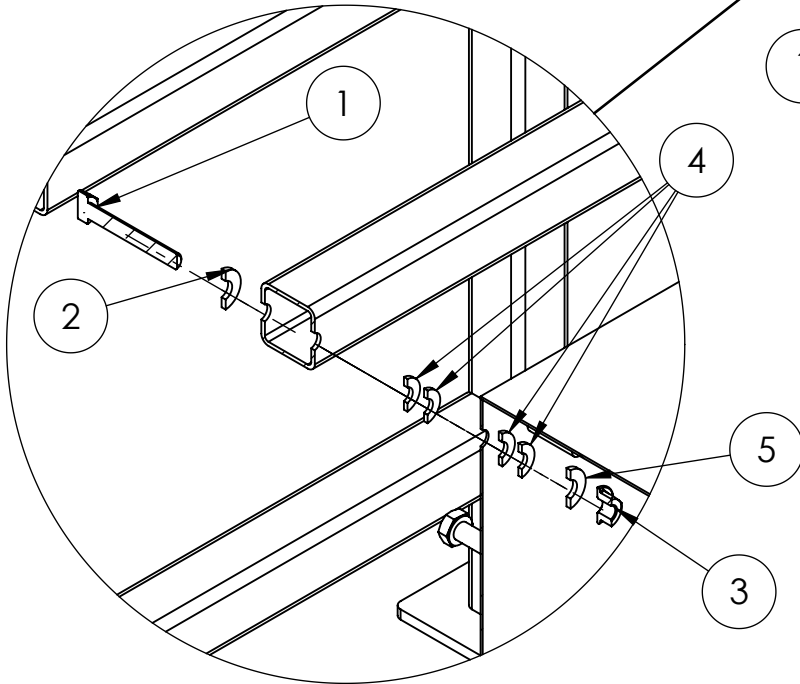
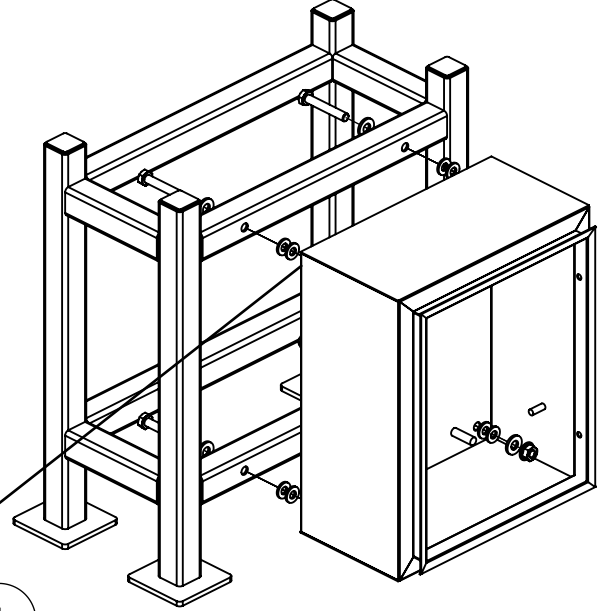
1)	M8	x4	M8 STEEL DOWEL	M8 Conta	975.016 Coded gasket
					
2)		x4		3)	 x16
					



KT 304 STAINLESS STEEL ENCLOSURE ASSEMBLY TO PROFILE CONSTRUCTION
KT 304 PASLANMAZ PANO PROFİL YAPIYA MONTAJ

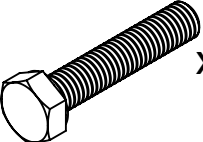





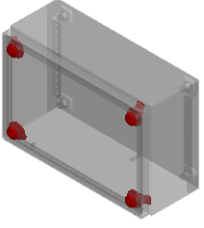
Ø8,5



$M_A = 10 + 1Nm$

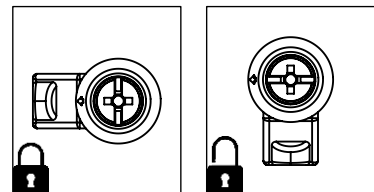
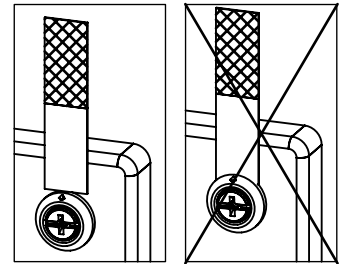
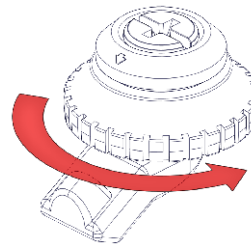
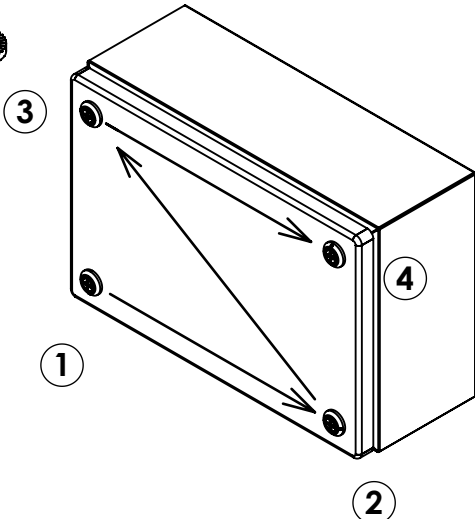
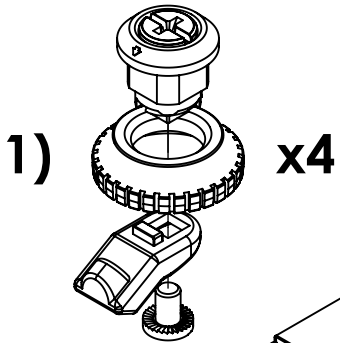
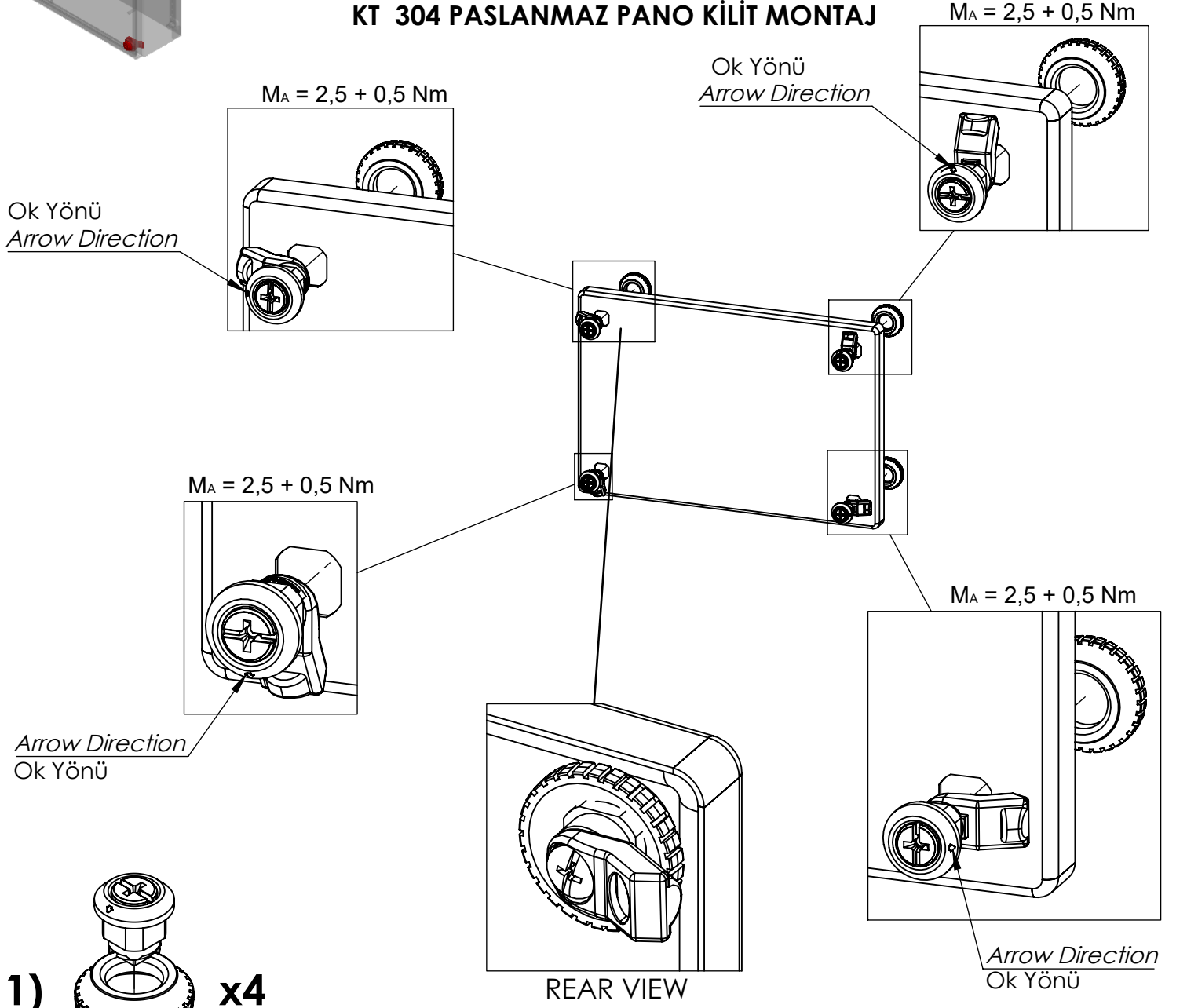
i **RECOMMENDED PARTS**

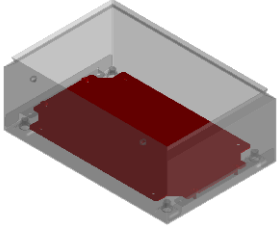
<p>M8</p> <p>1)  x4</p>	<p>M8 Pul /Washer</p> <p>2)  x4</p>	<p>Ø16x8 Conta/Sealing 975.016 Coded gasket</p>	<p>M8 Inox Pul/Washer</p>
	<p>M8 Inox</p> <p>3)  x4</p>		<p>4)  x16</p>



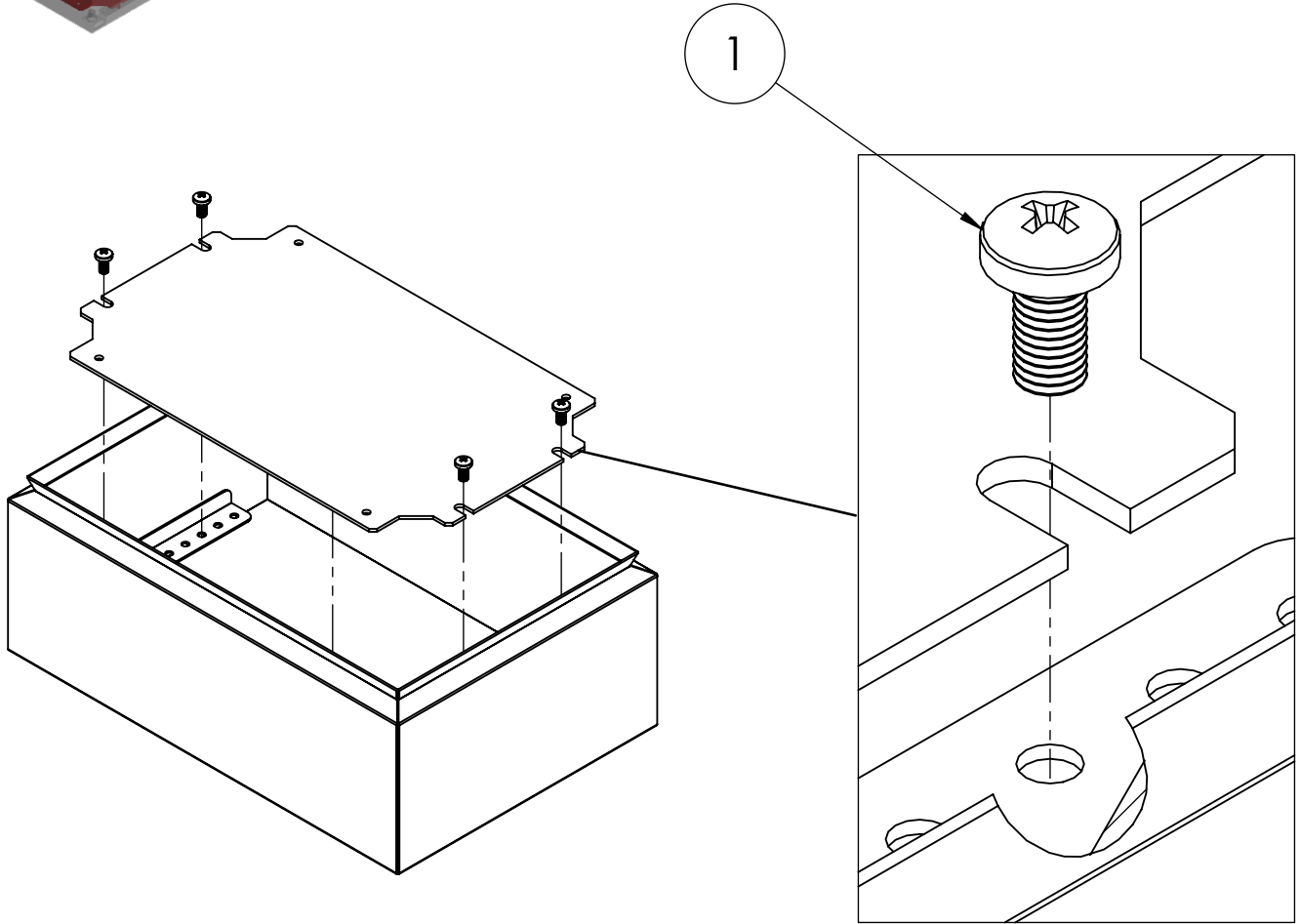
KT 304 STAINLESS STEEL ENCLOSURES LOCK ASSEMBLY

KT 304 PASLANMAZ PANO KİLİT MONTAJ





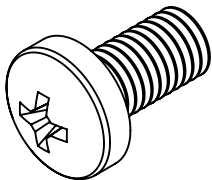
MOUNTING PLATE ASSEMBLY
MONTAJ PLAKASI MONTAJ



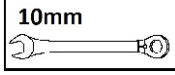
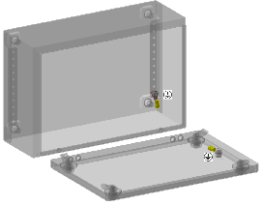
$M_A = 5 + 1 \text{ Nm}$

M5x10

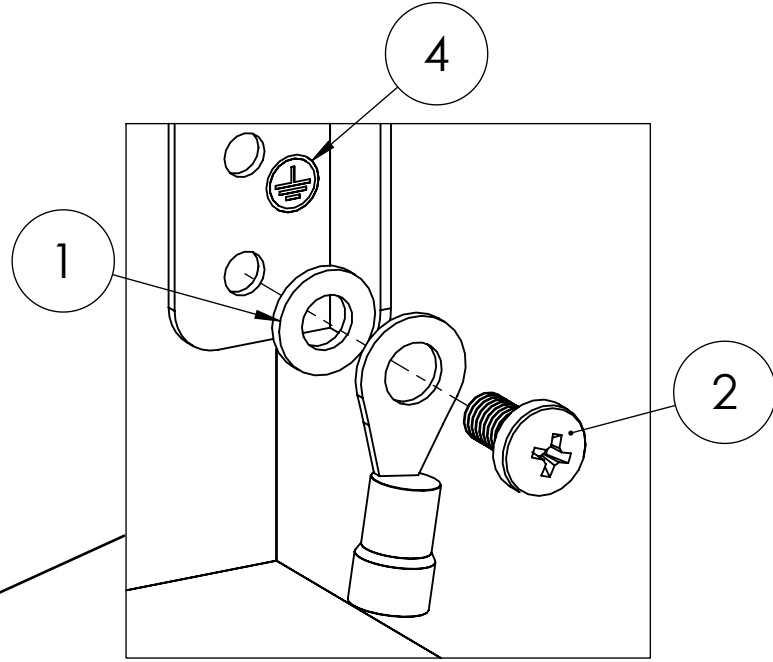
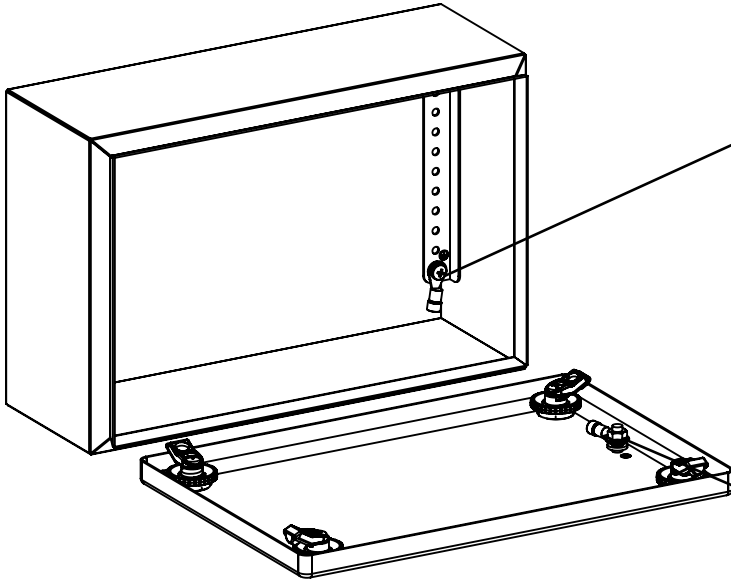
1)



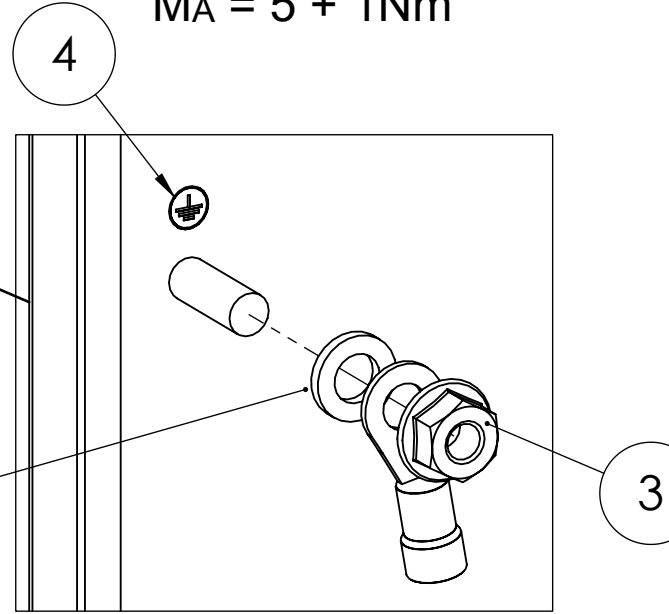
x4



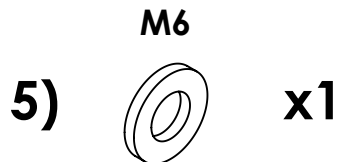
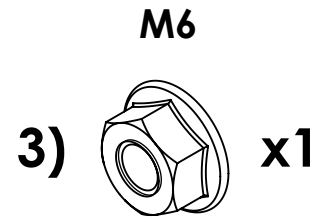
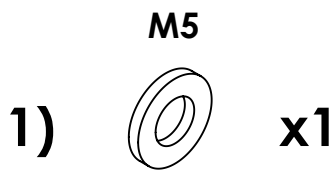
KT 304 STAINLESS STEEL ENCLOSURES EARTHING SYSTEM
KT 304 PASLANMAZ PANO TOPRAKLAMA SİSTEMİ



$M_A = 5 + 1Nm$



$M_A = 5 + 1Nm$



PERMISSIBLE SYMMETRICAL SHORT-CIRCUIT CURRENT OF EARTHING STRAPS

EARTHING STRAPS, PVC INSULATED

Permissible symmetrical short-circuit current of earthing straps
(PE conductors) Cu (PVC insulated) in relation to short-circuit duration
of 0.04 s; 0.2 s; 0.5 s; 1 s; ve 5 s.

Permissible symmetrical short-circuit current

Break time of protective device	Cross-section of conductor (PVC insulation)					
	4 mm ² (Cu)	6 mm ² (Cu)	10 mm ² (Cu)	16 mm ² (Cu)	25 mm ² (Cu)	35 mm ² (Cu)
0,04 s	2,86 kA	4,29 kA	7,15 kA	11,44 kA	17,88 kA	25,03 kA
0,20 s	1,28 kA	1,92 kA	3,20 kA	5,12 kA	7,99 kA	11,19 kA
0,50 s	0,81 kA	1,21 kA	2,02 kA	3,24 kA	5,06 kA	7,08 kA
1,00 s	0,57 kA	0,86 kA	1,43 kA	2,29 kA	3,58 kA	5,01 kA
5,00 s	0,26 kA	0,38 kA	0,64 kA	1,02 kA	1,60 kA	2,24 kA

Basis of calculation EN 61 439-1, appendix B

$$Sp = \frac{\sqrt{I^2 \cdot t}}{k} \quad I = Sp \cdot k \cdot \sqrt{1/t}$$

I = Permissible symmetrical short-circuit in A

SP = Cross-section of conductor 4, 6, 10, 16, 25, 35 mm²

t = Break time 0,04; 0,2; 0,5; 1; 5 s

k = Material coefficient $k = 143 \text{ A} \cdot \sqrt{s/mm^2}$

EARTHING STRAPS, BARE CONDUCTORS

Permissible symmetrical short-circuit current of earthing straps
(PE conductors) Cu (bare conductors) in relation to a short-circuit duration
of 0.04 s; 0.2 s; 0.5 s; 1 s; ve 5 s.

Permissible symmetrical short-circuit current

Break time of protective device	Cross-section of PE conductor (bare)					
	4 mm ² (Cu)	6 mm ² (Cu)	10 mm ² (Cu)	16 mm ² (Cu)	25 mm ² (Cu)	35 mm ² (Cu)
0,04 s	3,52 kA	5,28 kA	8,80 kA	14,08 kA	22,00 kA	30,80 kA
0,20 s	1,57 kA	2,36 kA	3,94 kA	6,30 kA	9,84 kA	13,77 kA
0,50 s	1,00 kA	1,49 kA	2,49 kA	3,98 kA	6,22 kA	8,71 kA
1,00 s	0,70 kA	1,06 kA	1,76 kA	2,82 kA	4,40 kA	6,16 kA
5,00 s	0,31 kA	0,47 kA	0,79 kA	1,26 kA	1,97 kA	2,75 kA

Basis of calculation EN 61 439-1, appendix B

$$Sp = \frac{\sqrt{I^2 \cdot t}}{k} \quad I = Sp \cdot k \cdot \sqrt{1/t}$$

I = Permissible symmetrical short-circuit in A

SP = Cross-section of conductor 4, 6, 10, 16, 25, 35 mm²

t = Break time 0,04; 0,2; 0,5; 1; 5 s

k = Material coefficient $k = 176 \text{ A} \cdot \sqrt{s/mm^2}$

TOPRAKLAMA KABLOLARININ İZİN VERİLEN SİMETRİK KISA DEVRE AKIM GEÇİŞLERİ

Topraklama kabloları PVC izoleli

Topraklama şeritlerinin izin verilen simetrik kısa devre akımı
 Kısa devre süresine bağlı olarak (PE iletkenler) Cu (PVC yalıtımlı);
 0.04 s; 0.2 s; 0.5 s; 1 s; ve 5 s.

Topraklama Kabloları, PVC İzoleli

Cihaz koruma bekleme süresi	Topraklama iletken kesiti (PVC İzolasyonlu)					
	4 mm ² (Cu)	6 mm ² (Cu)	10 mm ² (Cu)	16 mm ² (Cu)	25 mm ² (Cu)	35 mm ² (Cu)
0,04 s	2,86 kA	4,29 kA	7,15 kA	11,44 kA	17,88 kA	25,03 kA
0,20 s	1,28 kA	1,92 kA	3,20 kA	5,12 kA	7,99 kA	11,19 kA
0,50 s	0,81 kA	1,21 kA	2,02 kA	3,24 kA	5,06 kA	7,08 kA
1,00 s	0,57 kA	0,86 kA	1,43 kA	2,29 kA	3,58 kA	5,01 kA
5,00 s	0,26 kA	0,38 kA	0,64 kA	1,02 kA	1,60 kA	2,24 kA

Hesaplama temeli EN 61439-1, ek B

$$Sp = \frac{\sqrt{I^2 \cdot t}}{k} \quad I = Sp \cdot k \cdot \sqrt{1/t}$$

I = Amper cinsinden izin verilen simetrik kısa devre akımı

SP = İletken kesiti 4, 6, 10, 16, 25, 35 mm²

t = Bekleme zamanı (saniye cinsinden) 0,04; 0,2; 0,5; 1; 5 s

k = Malzeme katsayısı $k = 143 \text{ A} \cdot \sqrt{s/mm^2}$

Topraklama Kabloları, Çıplak İletkenler

Topraklama şeritlerinin izin verilen simetrik kısa devre akımı
 Kısa devre süresine bağlı olarak (PE iletkenler) Cu (Çıplak iletkenler);
 0.04 s; 0.2 s; 0.5 s; 1 s; ve 5 s.

İzin verilen simetrik kısa devre akımları

Cihaz koruma bekleme süresi	Topraklama iletken kesiti (Çıplak)					
	4 mm ² (Cu)	6 mm ² (Cu)	10 mm ² (Cu)	16 mm ² (Cu)	25 mm ² (Cu)	35 mm ² (Cu)
0,04 s	3,52 kA	5,28 kA	8,80 kA	14,08 kA	22,00 kA	30,80 kA
0,20 s	1,57 kA	2,36 kA	3,94 kA	6,30 kA	9,84 kA	13,77 kA
0,50 s	1,00 kA	1,49 kA	2,49 kA	3,98 kA	6,22 kA	8,71 kA
1,00 s	0,70 kA	1,06 kA	1,76 kA	2,82 kA	4,40 kA	6,16 kA
5,00 s	0,31 kA	0,47 kA	0,79 kA	1,26 kA	1,97 kA	2,75 kA

Hesaplama temeli EN 61439-1, ek B

$$Sp = \frac{\sqrt{I^2 \cdot t}}{k} \quad I = Sp \cdot k \cdot \sqrt{1/t}$$

I = Amper cinsinden izin verilen simetrik kısa devre akımı

SP = İletken kesiti 4, 6, 10, 16, 25, 35 mm²

t = Bekleme zamanı (saniye cinsinden) 0,04; 0,2; 0,5; 1; 5 s

k = Malzeme katsayısı $k = 176 \text{ A} \cdot \sqrt{s/mm^2}$