

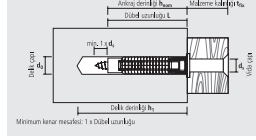
CELO
apolo **MEA®**
 Made in Germany

DÜBEL ÇEŞİTLERİ



NEXUS DÜBEL

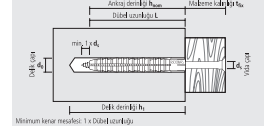
FX Yuvarlak Kutuda



Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{nom} ≥ (mm)	L (mm)	d _s (mm)	Paket miktarı (kutu) (Koli)
FX 6	96EXPFX	6	40	30	30	3,5-5	300 10
FX 8	98EXPFX	8	55	40	40	4,5-6	125 10
FX 10	910EXPFX	10	70	50	50	6-8	70 10

STANDART EKSTRA UZUN DÜBEL

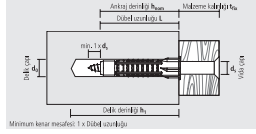
FL Vidasız



Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{nom} ≥ (mm)	L (mm)	d _s (mm)	Paket miktarı (kutu) (Koli)
FL 6-10	9660FL	6	70	60	60	3,5-4,5	100 2700
FL 8-80	9880FL	8	90	80	80	4,5-5,5	50 600
FL 10-90	91090FL	10	105	90	90	6-7	25 300

ÇOK AMAÇLI DÜBEL

MZK Yakalı

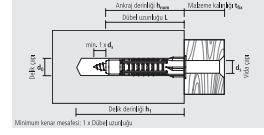


Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{nom} ≥ (mm)	L (mm)	d _s (mm)	Paket miktarı (kutu) (Koli)
MZK 14	914MZK	8	90	80	80	4,5-5,5	50 600

¹ Min. Alçıpan uygulamaları için uygulama yapılacak malzemenin minimum kalınlığı

ÇOK AMAÇLI DÜBEL

MZK Yakalı, Yuvarlak Kutuda

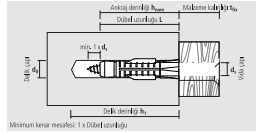


Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{nom} ≥ (mm)	L (mm)	h _{min} ¹ (mm)	d _s (mm)	Paket miktarı (kutu) (Koli)
MZK 6-41	9641EXPMZK	6	50	40	41	7,0	3-4,5	200 10
MZK 8	98EXPMZK	8	60	48	49	9,5	4-6	90 10
MZK 10	910EXPMZK	10	75	59	60	12,0	6-8	50 10
MZK 12	912EXPMZK	12	85	71	72	15,0	8-10	25 10

¹ Min. Çakma işlemi yapılacak tabakanın minimum kalınlığı

UNİVERSAL DÜBEL

AZ Yakasız

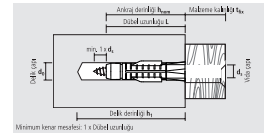


Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{nom} ≥ (mm)	L (mm)	h _{min} ¹ (mm)	d _s (mm)	Paket miktarı (kutu) (Koli)
AZ 5	95AZ	5	40	30	30	7,0	3-4	100 4800
AZ 6	96AZ	6	50	37	37	9,5	4-5	100 4800
AZ 8	98AZ	8	60	50	50	12,5	5-6	100 1800
AZ 10	910AZ	10	75	60	60	15,0	7-8	50 900
AZ 12	912AZ	12	85	70	70	18,0	8-10	25 450

¹ Min. Alçıpan uygulamaları için uygulama yapılacak malzemenin minimum kalınlığı

UNİVERSAL DÜBEL

AZK Yakalı

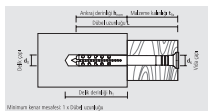


Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{nom} ≥ (mm)	L (mm)	h _{min} ¹ (mm)	d _s (mm)	Paket miktarı (kutu) (Koli)
AZK 6	96AZK	6	50	37	38	9,5	4-5	100 2700
AZK 8	98AZK	8	60	50	51	12,5	5-6	100 1800
AZK 10	910AZK	10	75	60	61	15,0	7-8	50 900
AZK 12	912AZK	12	85	70	71	18,0	8-10	25 450

¹ Min. Alçıpan uygulamaları için uygulama yapılacak malzemenin minimum kalınlığı

ÇAKMALI DÜBEL

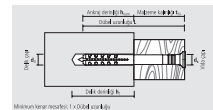
NPC, NP, Galvanizli Monteli Havşa Başlı



Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{nom} ≥ (mm)	L (mm)	t _{fix} (mm)	Paket miktarı (kutu) (Koli)
NPC 5-35	9535NPC	5	35	25	35	10	100 1800
NPC 5-50	9550NPC	5	35	25	50	25	100 1800
NPC 6-35	9635NPC	6	40	30	35	5	100 1800
NPC 6-40	9640NPC	6	40	30	40	10	100 1800
NPC 6-50	9650NPC	6	40	30	50	20	50 900
NPC 6-60	9660NPC	6	40	30	60	30	50 900
NPC 6-80	9680NPC	6	40	30	80	50	50 900

ÇAKMALI DÜBEL

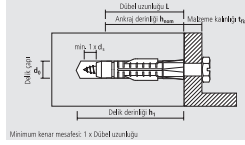
NP, galvanizli Monteli Düz Başlı



Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{nom} ≥ (mm)	L (mm)	t _{fix} (mm)	Paket miktarı (kutu) (Koli)
NP 5-35	9535NP	5	35	25	35	10	100 1800
NP 6-35	9635NP	6	40	30	35	5	100 1800
NP 6-50	9650NP	6	40	30	50	20	50 900
NP 6-70	9670NP	6	40	30	70	40	50 600

KLOZET MONTAJ SETİ

WC

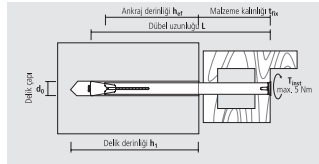


Tip	Ürün Kodu	Set içeriği	d ₀ (mm)	h ₁ ≥ (mm)	L (mm)	t _{ex} ≤ (mm)	Paket miktarı (Set)
Beyaz/Krom	9BFWC	2 Döbel AZ 8 2 Altıgen başlı princ vida 6x85 2 Conta 2 Beyaz Kapak 2 Beyaz Krom	8	60	50	30	50

Ürünler plastik poşet içerisinde sevk edilir.

METAL KASA DÜBELİ

MR Havaşa Başlı Vida ile (PZ3)

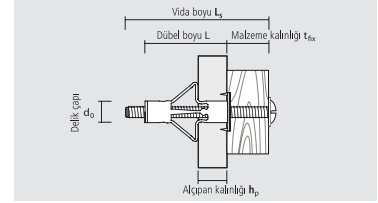


Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{el} ≥ (mm)	L ¹ (mm)	t _{ex} ≤ (mm)	Paket miktarı (kutu) (Koli)
MR 10-182	910182MR	10	50	30	182	152	100 400
MR 10-202	910202MR	10	50	30	202	172	100 400

¹ Uzunluk

METAL BOŞLUK DÜBELİ

HRM Profesyonel paket



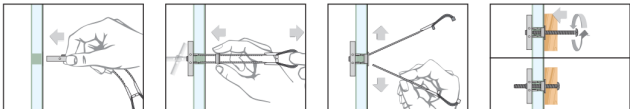
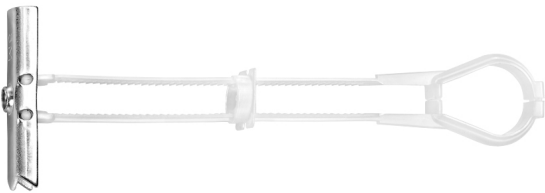
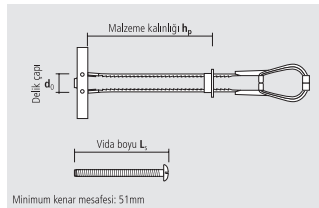
* Altıgen başlı vida SW13

Tip	Ürün Kodu	d ₀ (mm)	h _p min-max (mm)	Vida ölçüsü	L _s (mm)	L (mm)	t _{ex} (mm)	Paket mik. (kutu) (Koli)
HRM 4-38	9438 HRM	8	32-38	M4	65	59	34-28	100 1000
HRM 5-32	9532 HRM	11	14-32	M5	71	65	51-33	100 500
HRM 6-32	9632 HRM	13	14-32	M6	71	65	51-33	100 900
HRM 6-45	9645 HRM	13	32-45	M6	88	80	48-35	100 600
HRM 8-32*	9832 HRM	13	16-32	M8	73	66	50-34	100 300

* Altıgen başlı vida SW13

VİDASIZ UNİVERSAL BOŞLUK DÜBELİ

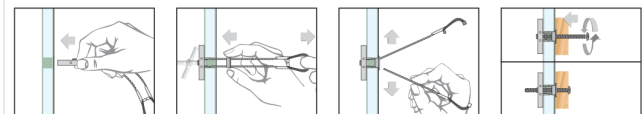
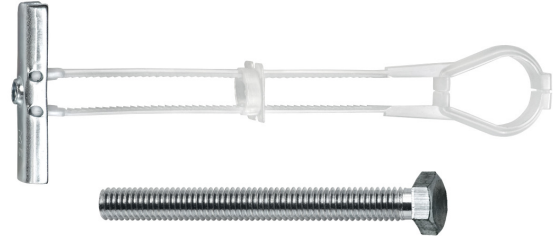
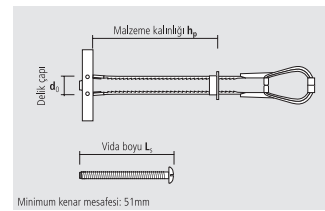
BT



Tip	Ürün Kodu	d ₀ (mm)	h _p min-max (mm)	Vida ölçüsü	Paket miktarı (kutu) (Koli)
BT M5	95BT	13	10-70	M5	30 240

VİDALI UNİVERSAL BOŞLUK DÜBELİ

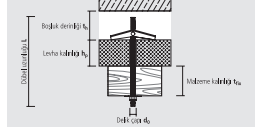
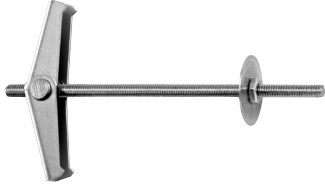
BTL, BTK



Tip	Ürün Kodu	d ₀ (mm)	h _p min-max (mm)	Vida ölçüsü	L _s (mm)	Vidalama	Paket miktarı (kutu) (Koli)
BT M4	94BTLO	13	10-70	M4	50	PZ2/slot	40 320
BT M5	95BTLO	13	10-70	M5	62	PZ2/slot	30 240
BT M6	96BTLO	13	10-70	M6	62	PZ2/slot	30 240
BT M8	98BTK	19	10-70	M8	60	SW13/Hex	20 160

PULLU ve SOMUNLU YAYLI ALÇIPAN DÜBELİ

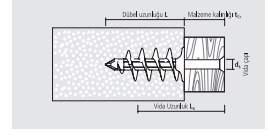
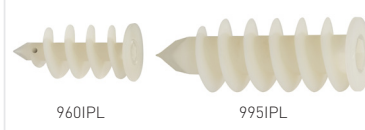
FK-S



Tip	Ürün Kodu	d ₀ (mm)	h _p + t _{fix} ≤ (mm)	Vida ölçüsü	L _s (mm)	t _{fix} ≥ (mm)	Paket miktarı (kutu) (Koli)
3x85	9390FKS	11	65	M3	85	28	25 400
4x90	9495FKS	14	65	M4	90	35	25 400

İZOLASYON DÜBELİ

IPL



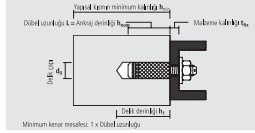
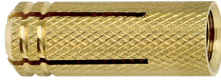
Tip	Ürün Kodu	L (mm)	Drive	d _s (mm)	L _s (mm)	Paket miktarı (kutu) (Koli)
IPL 60	960IPL	58	TX 40	4,5-5,0	30+t _{fix}	25 300
IPL 95	995IPL	95	SW 13	8/10/M8	40+t _{fix}	25 200

IPL 60 kafa çapı Ø 25mm

IPL 95 kafa çapı Ø 32 mm 1 x M8 x 30 vida dahildir.

PİRİNÇ ÇAKMALI DÜBEL

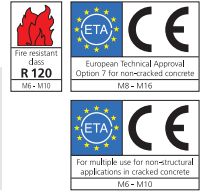
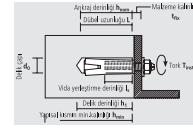
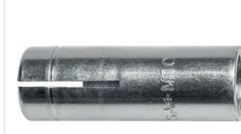
ME Piriñ



Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	L=h _{nom} (mm)	Vida ölçüsü	Paket miktarı (kutu) (Koli)
ME 4	9L4ME	5	18	16	M4	100 3200
ME 5	9L5ME	6	22	20	M5	100 3200
ME 6	9L6ME	8	27	23	M6	100 4000
ME 8	9L8ME	10	35	30	M8	50 2000
ME 10	9L10ME	12	39	34	M10	50 1500
ME 12	9L12ME	15	46	40	M12	25 750
ME 14	9L14ME	18	48	42	M14	25 350
ME 16	9L16ME	20	50	44	M16	25 350

GALVANİZLİ ÇAKMALI DÜBEL

SA PLUS Galvanizli



Tip	Ürün Kodu	d ₀ (mm)	h ₁ (mm)	L (mm)	L _s min-max* (mm)	Vida ölçüsü	Paket miktarı (kutu) (Koli)
SA plus 6	96SAP	8	27	25	6-11	M6	100 1800
SA plus 8	98SAP	10	32	30	8-13	M8	100 1000
SA plus 12	912SAP	15	54	50	12-23	M12	50 300

* Min / max vida yerleştirme derinliği

ÇAKMALI DÜBEL SA PLUS

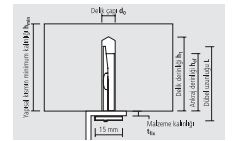
ESW SA Plus için



Tip	Ürün Kodu	Açıklama	Paket miktarı (Paket)
ESW 6	96ESW	96SAP için uygundur	1
ESW 8	98ESW	98SAP için uygundur	1
ESW 10	910ESW	910SAP için uygundur	1
ESW 12	912ESW	912SAP için uygundur	1
ESW 16	916ESW	916SAP için uygundur	1

TAVAN ÇİVİSİ

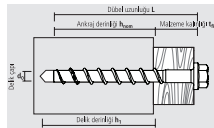
MDA-T



Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{ef} ≥ (mm)	L (mm)	t _{fix} ≥ (mm)	Paket miktarı (kutu) (Koli)
MDA-T 6/5	96MDAT	6	42	32	43	4,5	100 1800
MDA-T 6/35	9635MDAT	6	42	32	73	35	100 1200

BETON VİDASI

BTS B Altıgen Başlı

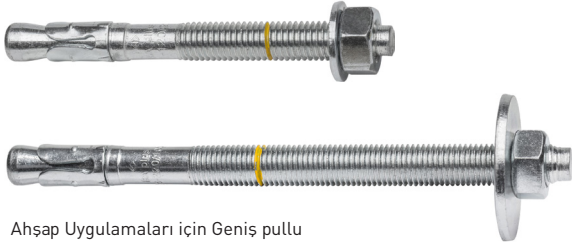
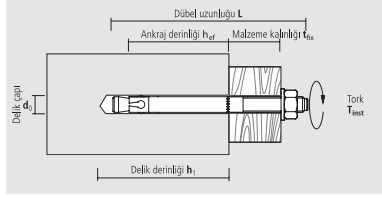


Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{ef} ≥ (mm)	L (mm)	t _{fix} ≥ (mm)	Drive	Paket mik. (kutu) (Koli)
10-90/5	92G1090BTSB	10	95	85	90	5	SW 15	40 200
10-120/35	92G10120BTSB	10	95	85	120	35	SW 15	40 200
14-80/-	92G1480BTSB	14	-	-	80	-	SW 21	20 100



KLİPSLİ DÜBEL

BA PLUS Galvanizli



Ahşap Uygulamaları için Geniş pullu

Tip	Ürün Kodu	d ₀ (mm)	h ₁ ≥ (mm)	h _{ef} ≥ (mm)	L (mm)	t _{fix} ≥ (mm)	Vida Ölçüsü	Paket mik. (kutu)	Paket mik. (Koli)
8-50/5 ¹⁾	9850BAP	8	40	25	50	5	M8	100	500
8-75/10	9875BAP	8	60	45	75	10	M8	50	250
8-85/20	9885BAP	8	60	45	85	20	M8	50	250
8-95/30	9895BAP	8	60	45	95	30	M8	50	250
8-135/70	98135BAP	8	60	45	135	70	M8	40	200
10-60/10 ¹⁾	91060BAP	10	42	27	60	10	M10	50	250
10-75/10 ¹⁾	91075BAP	10	55	40	75	10	M10	50	250
10-85/10	91085BAP	10	65	50	85	10	M10	40	200
10-92/17	91092BAP	10	65	50	92	17	M10	40	200
10-105/30	910105BAP	10	65	50	105	30	M10	25	125
10-145/70	910145BAP	10	65	50	145	70	M10	25	125
10-175/100	910175BAP	10	65	50	175	100	M10	25	125
10-215/140*	910215BAP	10	65	50	215	140	M10	25	100
12-70/2 ¹⁾	91270BAP	12	58	38	70	2	M12	40	200
12/110/10	912110BAP	12	90	70	110	10	M12	20	100
12-120/20	912120BAP	12	90	70	120	20	M12	20	100
12-150/50	912150BAP	12	90	70	150	50	M12	20	100
12-180/80	912180BAP	12	90	70	180	80	M12	20	100
12-200/100*	912200BAP	12	90	70	200	100	M12	20	80
12-220/120*	912220BAP	12	90	70	220	120	M12	20	80
12-240/140*	912240BAP	12	90	70	240	140	M12	20	80
12-260/160*	912260BAP	12	90	70	260	160	M12	20	80
12-300/200*	912300BAP	12	90	70	300	200	M12	15	60
12-320/220*	912320BAP	12	90	70	320	220	M12	15	60
16-95/10 ¹⁾	91695BAP	16	75	50	95	10	M16	15	75
16-135/15	916135BAP	16	110	85	135	15	M16	10	50
16-150/30	916150BAP	16	110	85	150	30	M16	10	50
16-180/60	916180BAP	16	110	85	180	60	M16	10	50
16-200/80	916200BAP	16	110	85	200	80	M16	10	50
16-220/100*	916220BAP	16	110	85	220	100	M16	10	40
16-270/150*	916270BAP	16	110	85	270	150	M16	10	40
16-320/200*	916320BAP	16	110	85	320	200	M16	10	40

¹⁾ Onaysız

* Ahşap uygulamaları için uygundur. DIN440

CELO
Screws Technology

apolo MEA
Fixing Technology

