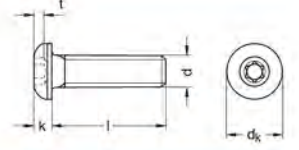




BERAT CIVATA

ISO 7380 10.9 Bombe Baş İmbus

Çinko ve benzeri kaplama uygulama

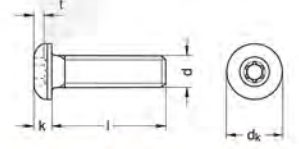


Teknik Bilgiler

d	dk max.	Tx	kmax.	tmin.
M 4	7,60	TX 20	2,20	1,27
M 5	9,50	TX 25	2,75	1,52
M 6	10,50	TX 30	3,30	1,90

d	l	d	l	d	l
M 4	6	M 4	20	M 5	20
M 4	8	M 5	8	M 5	25
M 4	10	M 5	10	M 6	16
M 4	12	M 5	12	M 6	20
M 4	16	M 5	16	M 6	25

ISO 7380 A2 Bombe Baş İmbus



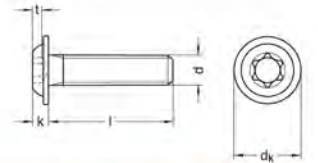
Teknik Bilgiler

d	dk max.	Tx	kmax.	tmin.
M 4	7,60	TX 20	2,20	1,27
M 5	9,50	TX 25	2,75	1,52
M 6	10,50	TX 30	3,30	1,90
M 8	14,00	TX 40	4,40	2,55

d	l	d	l	d	l
M 4	8	M 5	12	M 6	25
M 4	10	M 5	16	M 8	12
M 4	12	M 5	20	M 8	16
M 4	16	M 6	10	M 8	20
M 4	20	M 6	12	M 8	25
M 5	8	M 6	16	M 8	30
M 5	10	M 6	20	M 8	35

ISO 7380-2 10.9 Flanşlı Bombe Baş İmbus

Çinko ve benzeri kaplama uygulama



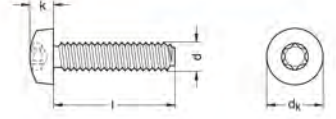
Teknik Bilgiler

d	dk max.	Tx	kmax.	tmin.
M 4	9,40	TX 10	2,20	1,25
M 5	11,80	TX 25	2,85	1,56
M 6	13,60	TX 30	3,35	1,80

d	l	d	l	d	l
M 4	8	M 5	12	M 6	16
M 4	10	M 5	16	M 6	20
M 4	12	M 5	20	M 6	25
M 4	16	M 5	25		
M 5	10	M 6	12		

DIN 7500 DİŞ AÇAN, ÜÇGEN VİDA

Silindir Başlı Metrik Vida
Tip Form C



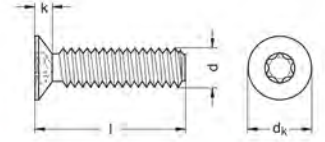
Teknik Bilgiler

d	dk max.	Tx	kmax.
M 2,5	5,00	TX 8	2,12
M 3	6,00	TX 10	2,52
M 4	8,00	TX 20	3,25
M 5	10,00	TX 25	3,95
M 6	12,00	TX 30	4,75

d	l	d	l	d	l
M 2,5	5	M 4	6	M 5	20
M 2,5	6	M 4	8	M 5	25
M 2,5	8	M 4	10	M 6	10
M 2,5	10	M 4	12	M 6	12
M 3	5	M 4	16	M 6	16
M 3	6	M 4	20	M 6	20
M 3	8	M 5	8	M 6	25
M 3	10	M 5	10	M 6	30
M 3	12	M 5	12		
M 3	16	M 5	16		

DIN 7500 DİŞ AÇAN, ÜÇGEN VİDA

Havşa Başlı Metrik Vida
Tip Form M



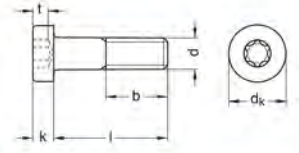
Teknik Bilgiler

d	dk max.	Tx	kmax.
M 2,5	4,70	TX 8	1,50
M 3	5,60	TX 10	1,65
M 4	7,50	TX 20	2,20
M 5	9,20	TX 25	2,50
M 6	11,00	TX 30	3,00

d	l	d	l	d	l
M 2,5	6	M 4	10	M 5	25
M 2,5	8	M 4	12	M 6	10
M 2,5	10	M 4	16	M 6	12
M 3	6	M 4	20	M 6	16
M 3	8	M 4	25	M 6	20
M 3	10	M 5	10	M 6	25
M 3	12	M 5	12	M 6	30
M 3	16	M 5	16		
M 4	8	M 5	20		

DIN 7984 8.8. / ISO 14580

İnce Kafa İmbus
Torks Başlı
Çinko ve Benzeri Kaplama Uygulama



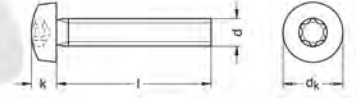
Teknik Bilgiler

d	dk max.	Tx	b	k max.	l min.
M 3	5,50	TX 10	12	2,40	1,01
M 4	7,00	TX 20	14	3,10	1,27
M 5	8,50	TX 25	16	3,70	1,52
M 6	10,00	TX 30	18	4,60	1,90
M 8	13,00	TX 45	22	6,00	2,66

d	l	d	l	d	l
M 3	6	M 4	12	M 6	20
M 3	8	M 4	16	M 6	25
M 3	10	M 5	12	M 8	16
M 3	12	M 5	16	M 8	20
M 3	16	M 5	20	M 8	25
M 4	6	M 5	25	M 8	30
M 4	8	M 6	12		
M 4	10	M 6	16		

DIN 7985 / ISO 14583

Silindir Başlı Vida
Torks Başlı
Çinko ve Benzeri Kaplama Uygulama



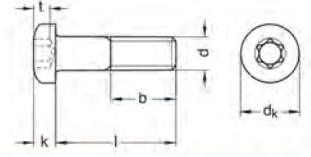
Teknik Bilgiler

d	dk max.	Tx	k max.
M 3	6,00	TX 10	2,4
M 4	8,00	TX 20	3,1
M 5	10,00	TX 25	3,8
M 6	12,00	TX 30	4,6

d	l	d	l	d	l
M 3	5	M 4	20	M 5	35
M 3	6	M 4	25	M 5	40
M 3	8	M 4	30	M 6	8
M 3	10	M 4	35	M 6	10
M 3	12	M 4	40	M 6	12
M 3	16	M 5	8	M 6	16
M 3	20	M 5	10	M 6	20
M 4	6	M 5	12	M 6	25
M 4	8	M 5	16	M 6	30
M 4	10	M 5	20	M 6	35
M 4	12	M 5	25	M 6	40
M 4	16	M 5	30	M 6	50

ISO 14583 / DIN7985 A2 İNOX

Silindir Başlı Vida
Torks Anahtar
Çinko ve Benzeri Kaplama Uygulama



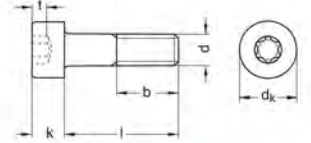
Teknik Bilgiler

d	dk max.	Tx	b	k _{max.}	t _{min.}
M 3	5,60	TX 10	25	2,40	1,01
M 4	8,00	TX 20	38	3,10	1,27
M 5	9,50	TX 25	38	3,70	1,52
M 6	12,00	TX 30	38	4,60	2,02

d	l	d	l	d	l
M 3	6	M 4	10	M 5	25
M 3	8	M 4	12	M 6	12
M 3	10	M 4	16	M 6	16
M 3	12	M 4	20	M 6	20
M 3	16	M 5	12	M 6	25
M 4	6	M 5	16		
M 4	8	M 5	20		

ISO 14579 / DIN912 8.8. ÇELİK

Alyan Başlı İmbus Civata
Torks Anahtar
Çinko ve Benzeri Kaplama Uygulama



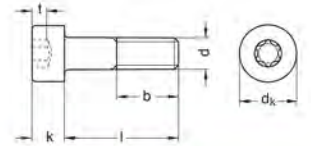
Teknik Bilgiler

d	dk max.	Tx	b	k _{max.}	t _{min.}
M 4	7,22	TX 20	20	4,00	1,80
M 5	8,72	TX 25	22	5,00	2,03
M 6	10,22	TX 30	24	6,00	2,42
M 8	13,07	TX 45	28	8,00	3,31

d	l	d	l	d	l
M 4	6	M 5	16	M 8	16
M 4	8	M 5	20	M 8	20
M 4	10	M 6	16	M 8	25
M 4	12	M 6	20	M 8	30
M 5	12	M 6	25	M 8	35

ISO 14579 / DIN912 A2 İNOX

Alyan Başlı İmbus Civata
Torks Anahtar



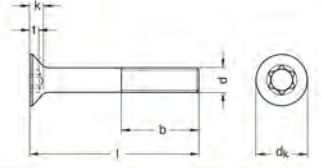
Teknik Bilgiler

d	dk max.	Tx	b	k _{max.}	t _{min.}
M 4	7,60	TX 20	20	2,20	1,80
M 5	9,50	TX 25	22	2,75	2,03
M 6	10,50	TX 30	24	3,30	2,42
M 8	14,00	TX 40	28	4,40	3,31

d	l	d	l	d	l
M 3	6	M 4	10	M 5	25
M 3	8	M 4	12	M 6	12
M 3	10	M 5	10	M 6	16
M 3	12	M 5	12	M 6	20
M 4	6	M 5	16	M 6	25
M 4	8	M 5	20		

ISO10642, DIN7991, ISO14581, ISO7046, DIN965 8.8. ÇELİK

Havşa Başlı Vida
Torks Anahtar
Çinko ve Benzeri Kaplama Uygulama



Teknik Bilgiler

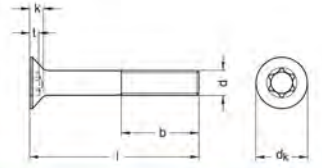
d	dk	Tx	b	k _{max}	t _{min}
M 3	6,72	TX 10	18	1,86	0,80
M 4	8,96	TX 20	20	2,48	0,95
M 5	11,20	TX 25	22	3,10	1,10
M 6	13,44	TX 30	24	3,72	1,40

d	l	d	l	d	l
M 3	5	M 4	12	M 5	30
M 3	6	M 4	16	M 5	35
M 3	8	M 4	20	M 5	40
M 3	10	M 4	25	M 6	12
M 3	12	M 4	30	M 6	16
M 3	16	M 5	8	M 6	20
M 3	20	M 5	10	M 6	25
M 4	5	M 5	12	M 6	30
M 4	6	M 5	16	M 6	35
M 4	8	M 5	20	M 6	40
M 4	10	M 5	25		

ISO10642, DIN7991, ISO14581, ISO7046, DIN965

A2 İNOX

Havşa Başlı Vida
Torks Anahtar



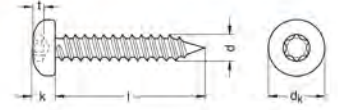
Teknik Bilgiler

d	dk	Tx	b	k _{max}	t _{min}
M 3	6,72	TX 10	18	1,86	0,80
M 4	8,96	TX 20	20	2,48	0,95
M 5	11,20	TX 25	22	3,10	1,10
M 6	13,44	TX 30	24	3,72	1,40
M 8	17,92	TX 40	28	4,96	1,75

d	l	d	l	d	l
M 3	5	M 4	25	M 6	16
M 3	6	M 4	30	M 6	20
M 3	8	M 4	35	M 6	25
M 3	10	M 4	40	M 6	30
M 3	12	M 5	8	M 6	35
M 3	16	M 5	10	M 6	40
M 3	20	M 5	12	M 8	12
M 3	25	M 5	16	M 8	16
M 3	30	M 5	20	M 8	20
M 4	6	M 5	25	M 8	25
M 4	8	M 5	30	M 8	30
M 4	10	M 5	35	M 8	35
M 4	12	M 5	40	M 8	40
M 4	16	M 6	10		
M 4	20	M 6	12		

DIN 7981 / ISO14585

Silindir Başlı Sac Vidası
Torks Anahtar
Çinko ve Benzeri Kaplama Uygulama



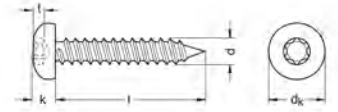
Teknik Bilgiler

d	dk max.	Tx	kmax.	rmin.
2,9	5,60	TX 10	2,4	1,01
3,5	7,00	TX 15	2,6	1,14
3,9*	7,50	TX 20	2,8	1,40
4,2	8,00	TX 20	3,1	1,42
4,8	9,50	TX 25	3,7	1,65

d	l	d	l	d	l
2,9	6,5	3,9*	13,0	4,2	38,0
2,9	9,5	3,9*	16,0	4,2	45,0
2,9	13,0	3,9*	19,0	4,2	50,0
2,9	16,0	3,9*	22,0	4,8	9,5
2,9	19,0	3,9*	25,0	4,8	13,0
2,9	22,0	3,9*	32,0	4,8	16,0
3,5	9,5	3,9*	38,0	4,8	19,0
3,5	13,0	3,9*	45,0	4,8	22,0
3,5	16,0	4,2	9,5	4,8	25,0
3,5	19,0	4,2	13,0	4,8	32,0
3,5	22,0	4,2	16,0	4,8	38,0
3,5	25,0	4,2	19,0	4,8	45,0
3,5	32,0	4,2	22,0	4,8	50,0
3,5	38,0	4,2	25,0		
3,9*	9,5	4,2	32,0		

DIN 7981 / ISO14585 A2 İNOX

Silindir Başlı Sac Vidası
Torks Anahtar



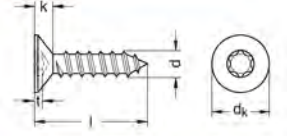
Teknik Bilgiler

d	dk max.	Tx	kmax.	rmin.
2,9	5,60	TX 10	2,40	1,01
3,5	7,00	TX 15	2,60	1,14
4,2	8,00	TX 20	3,10	1,42
4,8	9,50	TX 25	3,70	1,65

d	l	d	l	d	l
2,9	9,5	3,5	22,0	4,8	19,0
2,9	13,0	4,2	13,0	4,8	22,0
2,9	16,0	4,2	16,0	4,8	25,0
2,9	19,0	4,2	19,0	4,8	32,0
3,5	9,5	4,2	22,0	4,8	38,0
3,5	13,0	4,2	25,0	4,8	45,0
3,5	16,0	4,8	13,0		
3,5	19,0	4,8	16,0		

ISO 14586 / DIN 7982

Havşa Başı Sac Vidası
Torqs Anahtar
Çinko ve Benzeri Kaplama Uygulama



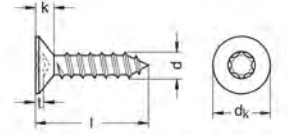
Teknik Bilgiler

d	dk max.	Tx	kmax.	tmin.
2,9	5,50	TX 10	1,70	0,65
3,5	7,30	TX 15	2,35	1,00
3,9*	7,50	TX 15	2,30	1,20
4,2	8,40	TX 20	2,60	1,14
4,8	9,30	TX 25	2,80	1,39

d	l	d	l	d	l
2,9	9,5	3,9	13,0	4,2	25,0
2,9	13,0	3,9	16,0	4,8	16,0
2,9	16,0	3,9	19,0	4,8	19,0
2,9	19,0	3,9	22,0	4,8	22,0
3,5	9,5	3,9	25,0	4,8	25,0
3,5	13,0	4,2	13,0	4,8	32,0
3,5	16,0	4,2	16,0	4,8	38,0
3,5	19,0	4,2	19,0		
3,5	22,0	4,2	22,0		

ISO 14586 / DIN 7982 A2 İNOX

Havşa Başı Sac Vidası
Torqs Anahtar
Çinko ve Benzeri Kaplama Uygulama



Teknik Bilgiler

d	dk max.	Tx	kmax.	tmin.
2,9	5,50	TX 10	1,70	0,65
3,5	7,30	TX 15	2,35	1,00
3,9*	7,50	TX 15	2,30	1,20
4,2	8,40	TX 20	2,60	1,14
4,8	9,30	TX 25	2,80	1,39

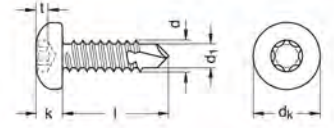
d	l	d	l	d	l
2,9	9,5	3,9	16,0	4,2	25,0
2,9	13,0	3,9	19,0	4,8	16,0
2,9	16,0	3,9	22,0	4,8	19,0
3,5	9,5	3,9	25,0	4,8	22,0
3,5	13,0	4,2	13,0	4,8	25,0
3,5	16,0	4,2	16,0	4,8	32,0
3,5	19,0	4,2	19,0		
3,9	13,0	4,2	22,0		

ISO 15481 / DIN 7504 M

Silindir Başlı Matkap Uçlu Vida

Torks Anahtar

Çinko ve Benzeri Kaplama Uygulama



Teknik Bilgiler

d	dk max.	Tx	d1 max.	kmax.	tmin.
3,5	7,00	TX 15	2,8	2,60	1,14
4,2	8,00	TX 20	3,6	3,10	1,42
4,8	9,50	TX 25	4,1	3,70	1,65

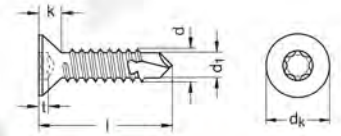
d	l	d	l	d	l
3,5	13,0	4,2	19,0	4,8	19,0
3,5	16,0	4,2	22,0	4,8	22,0
3,5	19,0	4,2	25,0	4,8	25,0
3,5	22,0	4,2	32,0	4,8	32,0
4,2	13,0	4,8	13,0	4,8	38,0
4,2	16,0	4,8	16,0	4,8	45,0

ISO 15482 / DIN 7504 O

Havşa Başlı Matkap Uçlu Vida

Torks Anahtar

Çinko ve Benzeri Kaplama Uygulama



Teknik Bilgiler

d	dk max.	Tx	d1 max.	kmax.	tmin.
3,5	7,30	TX 15	2,8	2,35	1,14
4,2	8,40	TX 20	3,6	2,60	1,42
4,8	9,30	TX 25	4,1	2,80	1,65

d	l	d	l	d	l
3,5	13,0	4,2	19,0	4,8	25,0
3,5	16,0	4,2	22,0	4,8	32,0
3,5	19,0	4,2	25,0	4,8	38,0
4,2	13,0	4,8	19,0		
4,2	16,0	4,8	22,0		

Havşa Başlı Plastik Diş Vida

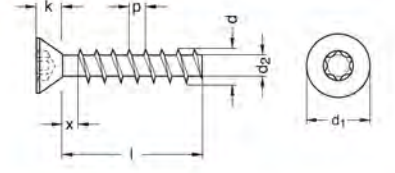
Torks Anahtar

Çinko ve Benzeri Kaplama Uygulama

Teknik Bilgiler

d	d ₁	d ₂	k	X _{max.}	p	T _x
2,5	4,70	1,6	1,7	2,2	1,12	T 8
3,0	5,50	1,9	1,8	2,8	1,40	T 8
3,5	7,30	2,1	2,5	3,2	1,60	T 15
4,0	8,40	2,3	2,9	3,6	1,80	T 20

d	l	d	l	d	l
2,5	8	3,0	12	3,5	12
3,0	8	3,0	16	4,0	12
3,0	10	3,5	10	4,0	16



Geniş Başlı Plastik Diş Vida

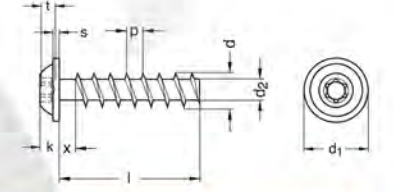
Torks Anahtar

Çinko ve Benzeri Kaplama Uygulama

Teknik Bilgiler

d	d ₁	d ₂	k	X _{max.}	p	T _x
2,5	5,00	1,6	1,5	2,2	1,12	T 6
3,0	6,00	1,9	2,1	2,8	1,40	T 10
3,5	7,00	2,1	2,4	3,2	1,60	T 10
4,0	8,00	2,3	2,6	3,6	1,80	T 20

d	l	d	l	d	l
2,5	6	3,0	10	4,0	8
2,5	8	3,0	12	4,0	10
2,5	10	3,5	8	4,0	12
3,0	6	3,5	10	4,0	16
3,0	8	3,5	12	4,0	20



Silindir Başlı Plastik Diş Vida

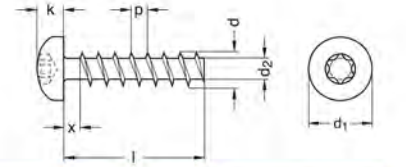
Torks Anahtar

Çinko ve Benzeri Kaplama Uygulama

Teknik Bilgiler

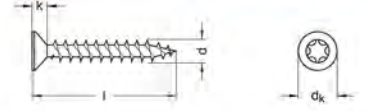
d	d ₁	d ₂	k	X _{max.}	p	T _x
2,5	4,70	1,6	1,6	2,2	1,12	T 8
3,0	5,60	1,9	2,1	2,8	1,40	T 10
3,5	6,50	2,1	2,3	3,2	1,60	T 10
4,0	7,50	2,3	2,6	3,6	1,80	T 20
5,0	9,20	2,8	2,9	4,6	2,20	T 20

d	l	d	l	d	l
2,5	6	3,0	16	4,0	12
2,5	8	3,5	8	4,0	16
2,5	10	3,5	10	4,0	20
3,0	6	3,5	12	4,0	25
3,0	8	3,5	16	5,0	16
3,0	10	3,5	20	5,0	20
3,0	12	4,0	8		
3,0	14	4,0	10		



DIN 7505 AHŞAP SUNTA VİDASI

Torks Anahtar
Çinko ve Benzeri Kaplama Uygulama



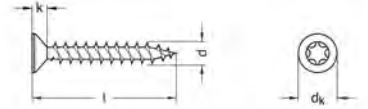
Teknik Bilgiler

d	dk max.	Tx	kmax.
3,0	6,00	TX 10	1,9
3,5	7,00	TX 15	2,1
4,0	8,00	TX 20	2,5
4,5	9,00	TX 25	2,7
5,0	10,00	TX 25	3,0
6,0	12,00	TX 30	3,6

d	l	d	l	d	l
3,0	16	4,0	50	5,0	60
3,0	20	4,0	55	5,0	70
3,0	25	4,0	60	5,0	80
3,0	30	4,5	20	5,0	90
3,0	35	4,5	25	5,0	100
3,0	40	4,5	30	6,0	40
3,5	13	4,5	35	6,0	45
3,5	15	4,5	40	6,0	50
3,5	16	4,5	45	6,0	60
3,5	20	4,5	50	6,0	70
3,5	25	4,5	55	6,0	80
3,5	30	4,5	60	6,0	90
3,5	35	4,5	70	6,0	100
3,5	40	5,0	20	6,0	110
4,0	15	5,0	25	6,0	120
4,0	20	5,0	30	6,0	130
4,0	25	5,0	35	6,0	140
4,0	30	5,0	40	6,0	150
4,0	35	5,0	45	6,0	160
4,0	40	5,0	50		
4,0	45	5,0	55		

DIN 7505 AHŞAP SUNTA VİDASI A2 İNOX

Torks Anahtar
Çinko ve Benzeri Kaplama Uygulama



Teknik Bilgiler

d	dk max.	Tx	kmax.
4,0	8,00	TX 20	2,5
4,5	9,00	TX 25	2,7
5,0	10,00	TX 25	3,0

d	l	d	l	d	l
4,0	20	4,0	45	4,5	50
4,0	25	4,0	50	5,0	40
4,0	30	4,5	30	5,0	50
4,0	35	4,5	35	5,0	60
4,0	40	4,5	40	5,0	70